

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013304.D
 Acq On : 01 Nov 2019 12:24
 Operator : JC/SP
 Sample : VX1101WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS01

Manual Integrations
 APPROVED

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 11/4/2019 1:30:10 PM

Quant Time: Nov 04 00:59:08 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	708399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1077556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	965686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	478722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	414383	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.49	113	328881	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	8.71	98	1279754	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	447606	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	163956	20.087	ug/l	98
3) Chloromethane	1.31	50	180451	20.387	ug/l	98
4) Vinyl Chloride	1.40	62	209986	20.838	ug/l	100
5) Bromomethane	1.62	94	129567	18.451	ug/l	99
6) Chloroethane	1.71	64	113380	18.943	ug/l	100
7) Trichlorofluoromethane	1.92	101	229673	19.292	ug/l	98
8) Diethyl Ether	2.17	74	108119	20.537	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129249	19.478	ug/l	100
10) Methyl Iodide	2.50	142	154523	18.809	ug/l	100
11) Tert butyl alcohol	3.03	59	194050	87.726	ug/l	100
12) 1,1-Dichloroethene	2.36	96	129285	19.896	ug/l	95
13) Acrolein	2.28	56	113043	94.294	ug/l	96
14) Allyl chloride	2.72	41	234809	19.888	ug/l	99
15) Acrylonitrile	3.12	53	407973	98.737	ug/l	99
16) Acetone	2.43	43	400321	95.633	ug/l	98
17) Carbon Disulfide	2.56	76	340343	19.569	ug/l	99
18) Methyl Acetate	2.76	43	230098	19.910	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	438041	20.211	ug/l	98
20) Methylene Chloride	2.84	84	144608	18.697	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	138515	19.578	ug/l	99
22) Diisopropyl ether	3.84	45	463888	20.351	ug/l	99
23) Vinyl Acetate	3.80	43	1925802	98.735	ug/l	99
24) 1,1-Dichloroethane	3.69	63	252758	19.822	ug/l	98
25) 2-Butanone	4.65	43	598322	97.431	ug/l	99
26) 2,2-Dichloropropane	4.57	77	195538	19.276	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	160999	20.314	ug/l	99
28) Bromochloromethane	5.00	49	73105	20.192	ug/l	99
29) Tetrahydrofuran	5.11	42	374864	99.057	ug/l	100
30) Chloroform	5.20	83	250247	19.875	ug/l	95
31) Cyclohexane	5.57	56	223947	19.518	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	214840	19.827	ug/l	98
36) 1,1-Dichloropropene	5.79	75	185040	20.017	ug/l	99
37) Ethyl Acetate	4.82	43	217772	19.065	ug/l	100
38) Carbon Tetrachloride	5.78	117	181593	20.089	ug/l	99

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Manual Integrations
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Quant Time: Nov 04 00:59:08 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	222892	19.351	ug/l	98
40) Benzene	6.13	78	568898	19.757	ug/l	99
41) Methacrylonitrile	5.03	41	123687	19.319	ug/l	99
42) 1,2-Dichloroethane	6.18	62	209708	20.190	ug/l	99
43) Isopropyl Acetate	6.43	43	346114	19.459	ug/l	100
44) Trichloroethene	7.20	130	154809	19.531	ug/l	98
45) 1,2-Dichloropropane	7.51	63	145897	19.886	ug/l	97
46) Dibromomethane	7.65	93	99219	19.806	ug/l	100
47) Bromodichloromethane	7.89	83	188382	19.942	ug/l	93
48) Methyl methacrylate	7.76	41	178646	20.120	ug/l	99
49) 1,4-Dioxane	7.73	88	75106	369.369	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1141820	97.844	ug/l	100
52) Toluene	8.78	92	357446	20.028	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	202763	19.630	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	227323	19.674	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	147454	19.933	ug/l	98
56) Ethyl methacrylate	9.17	69	225369	18.851	ug/l	99
57) 1,3-Dichloropropane	9.37	76	252990	20.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	512960	101.416	ug/l	100
59) 2-Hexanone	9.48	43	893359	99.062	ug/l	99
60) Dibromochloromethane	9.57	129	150661	19.914	ug/l	97
61) 1,2-Dibromoethane	9.67	107	155874	19.844	ug/l	99
64) Tetrachloroethene	9.33	164	140954	20.390	ug/l	99
65) Chlorobenzene	10.14	112	387698	19.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	142737	19.884	ug/l	98
67) Ethyl Benzene	10.25	91	676297	20.043	ug/l	97
68) m/p-Xylenes	10.36	106	514706	40.334	ug/l	99
69) o-Xylene	10.70	106	251664	20.144	ug/l	99
70) Styrene	10.71	104	425179	20.359	ug/l	100
71) Bromoform	10.85	173	111991	18.951	ug/l #	98
73) Isopropylbenzene	11.01	105	670455	21.123	ug/l	100
74) N-amyl acetate	10.89	43	309038	20.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	234493	20.251	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	190675m	19.610	ug/l	
77) Bromobenzene	11.25	156	177300	20.954	ug/l	96
78) n-propylbenzene	11.35	91	745970	21.099	ug/l	99
79) 2-Chlorotoluene	11.42	91	444813	20.881	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	556423	21.047	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69173	18.311	ug/l	93
82) 4-Chlorotoluene	11.51	91	512108	20.537	ug/l	99
83) tert-Butylbenzene	11.76	119	563612	21.178	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	563608	21.251	ug/l	99
85) sec-Butylbenzene	11.94	105	642198	20.996	ug/l	99
86) p-Isopropyltoluene	12.06	119	593753	21.081	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	300286	19.909	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	306993	19.977	ug/l	99
89) n-Butylbenzene	12.39	91	502084	20.430	ug/l	99
90) Hexachloroethane	12.59	117	99833	19.894	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	311092	20.634	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52354	18.558	ug/l	98

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MSVOA_X
ClientSampleId :
VX1101WBS01

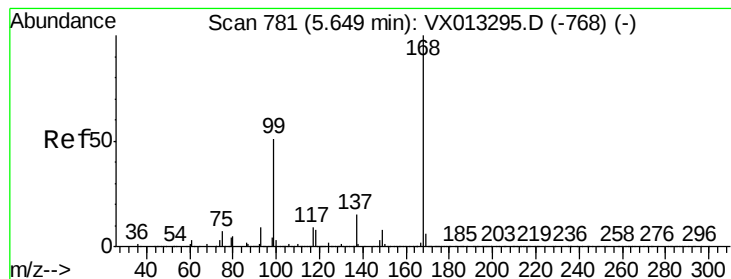
Manual Integrations
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QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	205132	19.506	ug/l	99
94) Hexachlorobutadiene	13.78	225	102992	20.017	ug/l	99
95) Naphthalene	13.83	128	674191	20.433	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	208251	19.745	ug/l	100

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



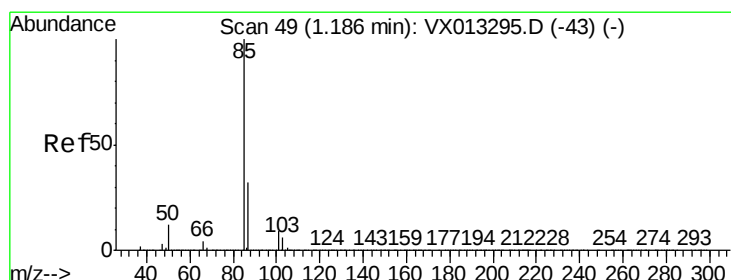
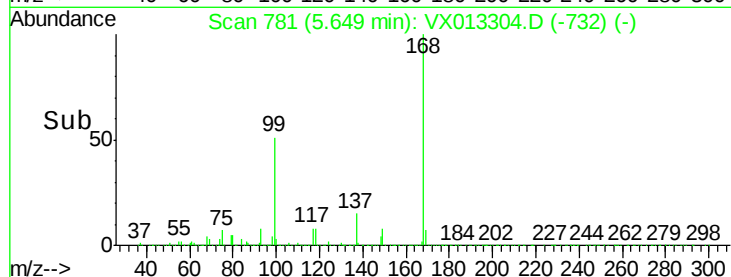
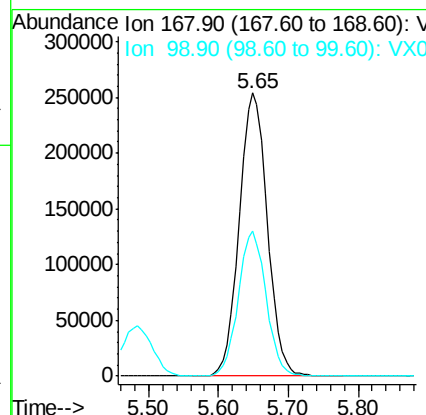
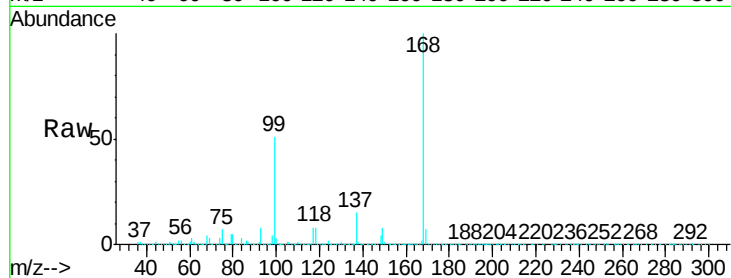
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	708399		
99	50.9	40.8	61.2	

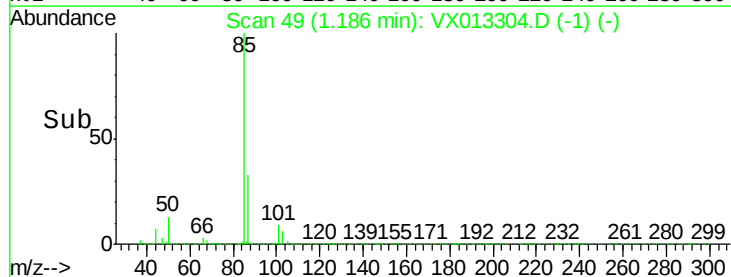
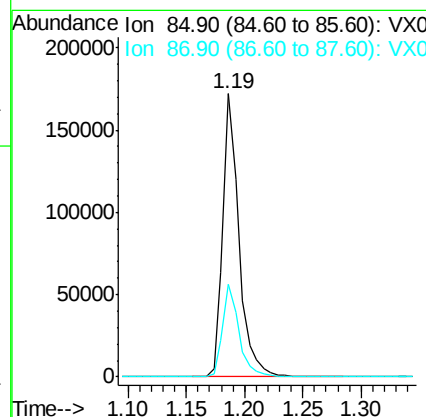
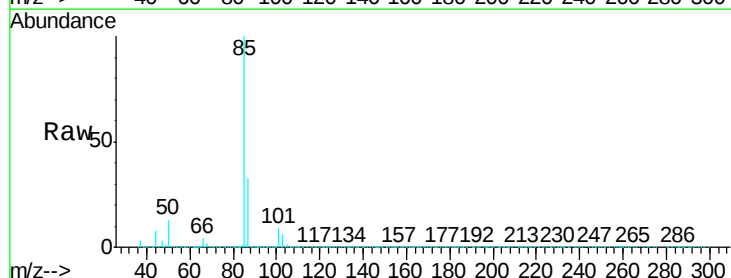
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#2
Dichlorodifluoromethane
Concen: 20.087 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	163956		
87	32.6	15.9	47.6	





#3

Chloromethane

Concen: 20.387 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

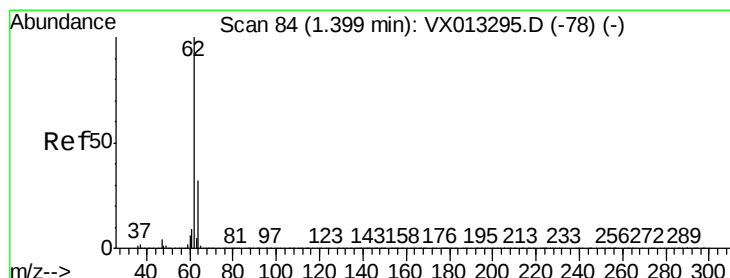
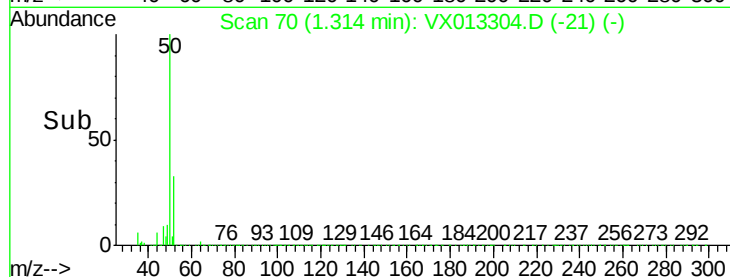
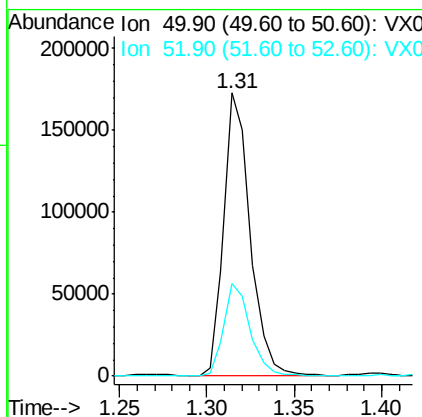
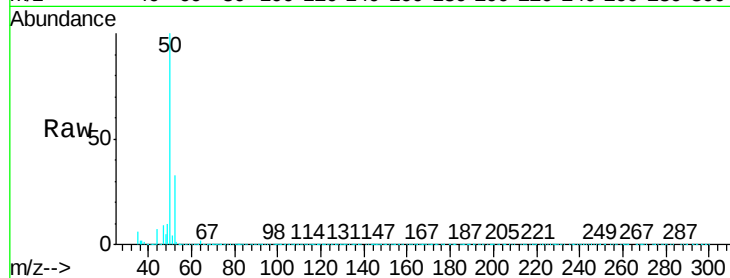
ClientSampleId :

VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.5	38.3

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#4

Vinyl Chloride

Concen: 20.838 ug/l

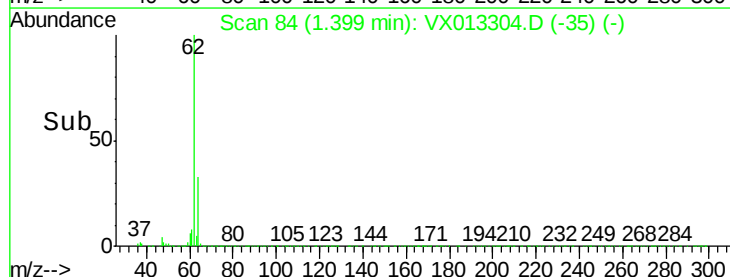
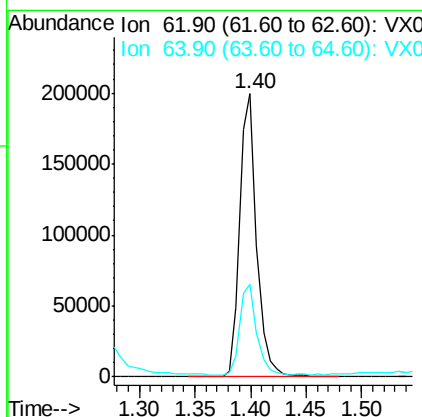
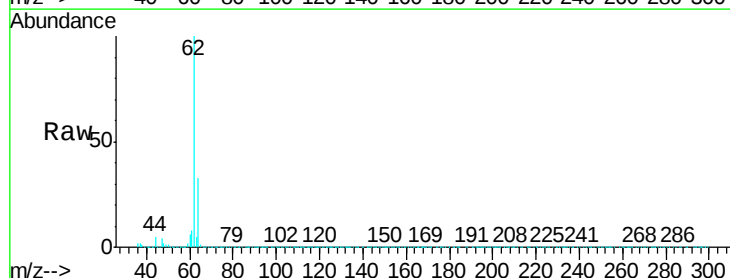
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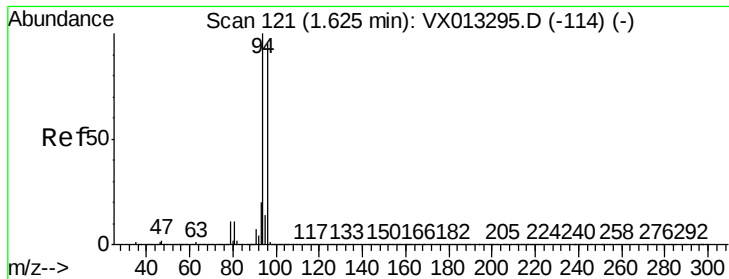
Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.6	38.4





#5

Bromomethane

Concen: 18.451 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 94 Resp: 129567

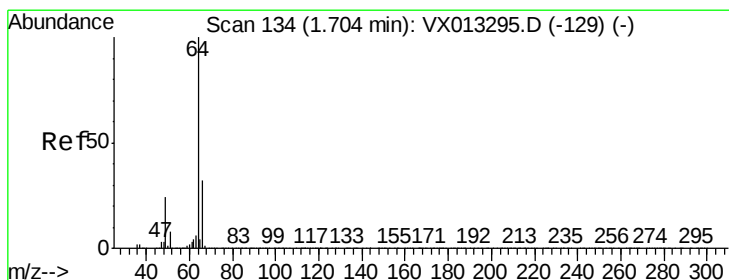
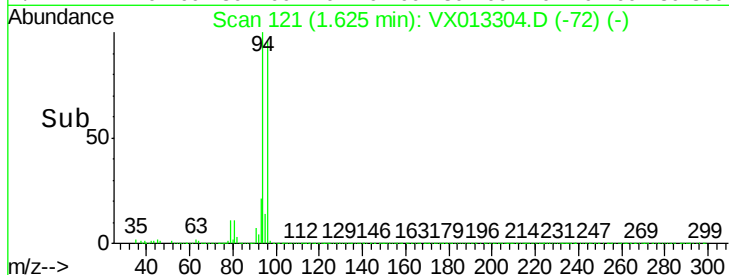
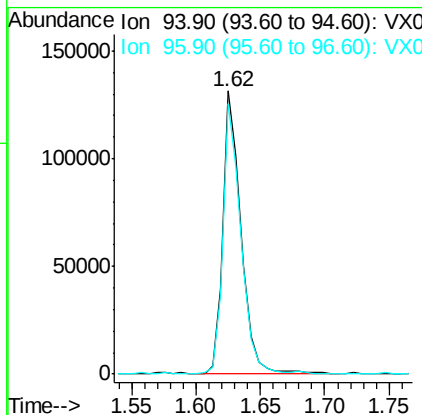
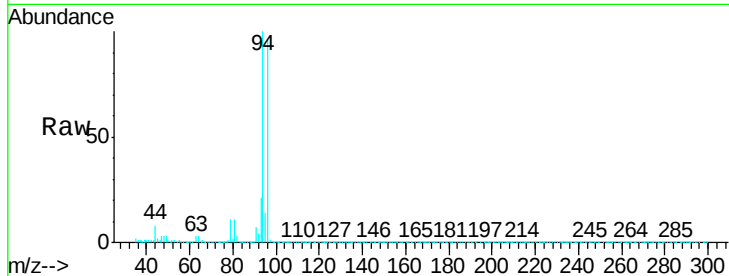
Ion Ratio Lower Upper

94 100

96 95.5 75.8 113.8

Manual Integrations
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#6

Chloroethane

Concen: 18.943 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013304.D

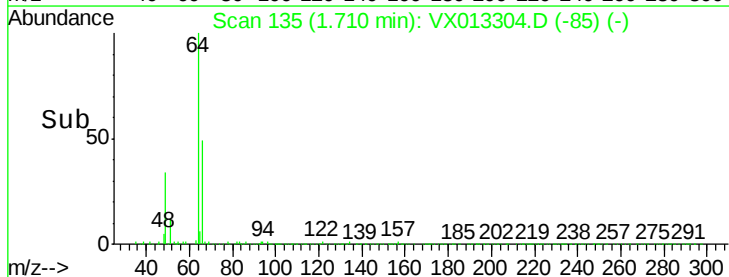
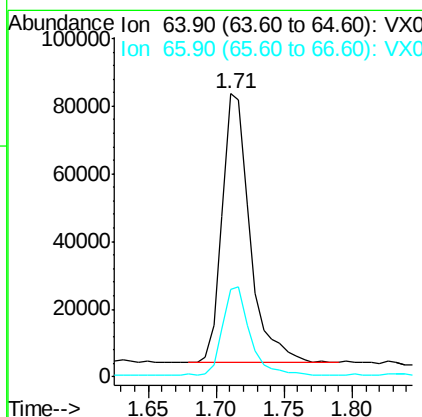
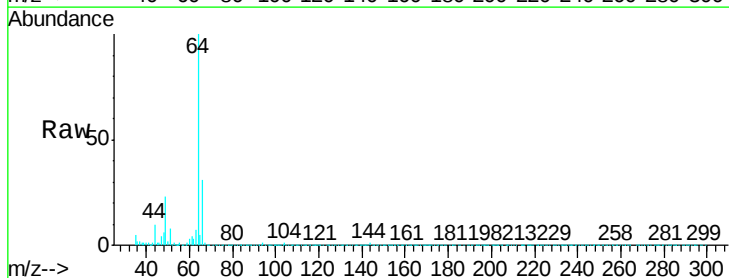
Acq: 01 Nov 2019 12:24

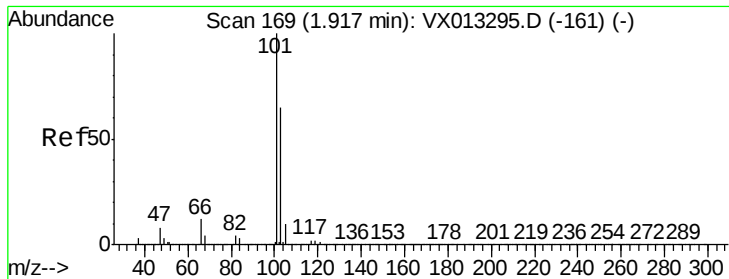
Tgt Ion: 64 Resp: 113380

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

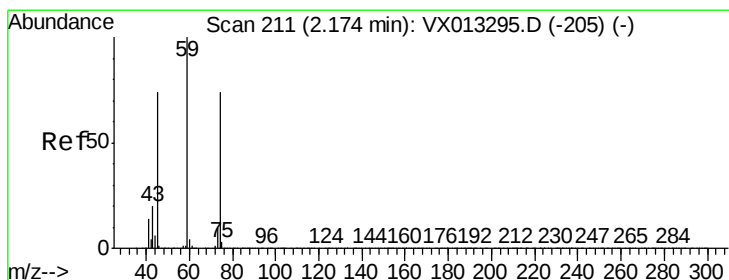
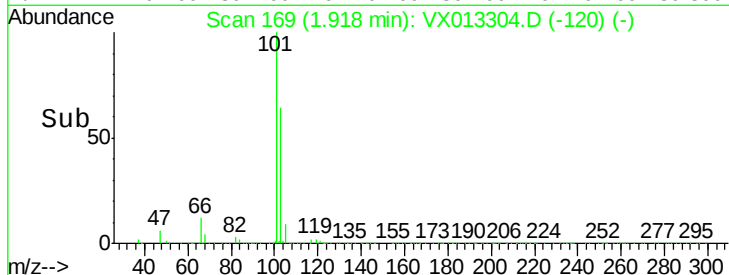
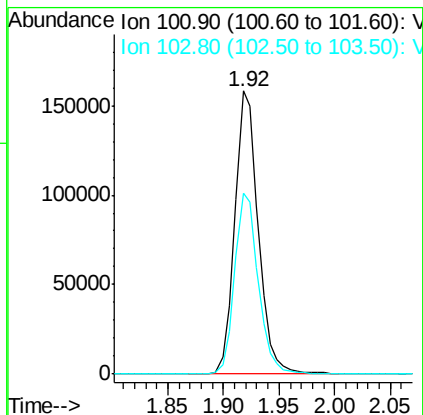
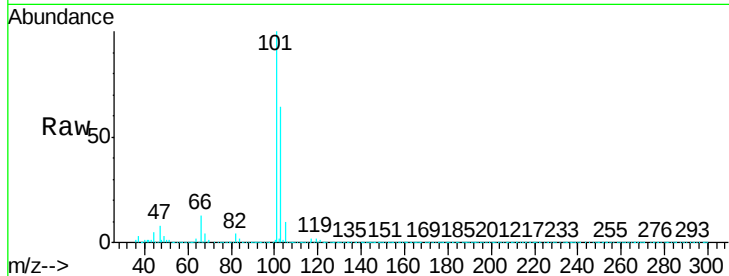
Trichlorofluoromethane
Concen: 19.292 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
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VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	229673		
103	63.8	52.3	78.5	

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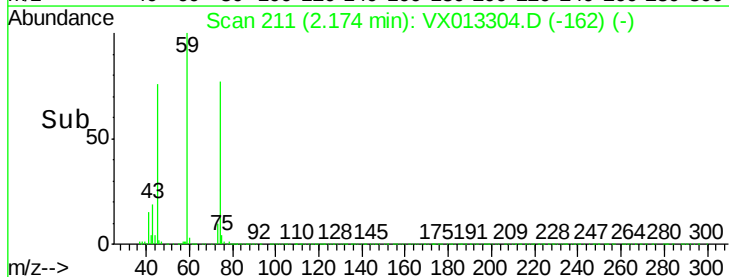
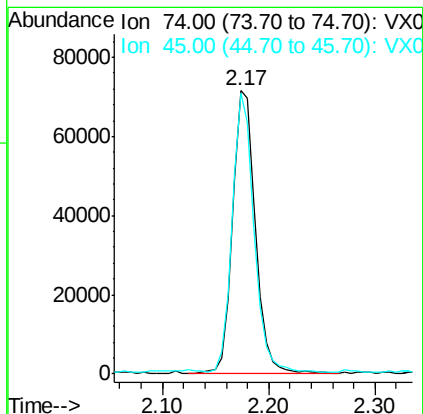
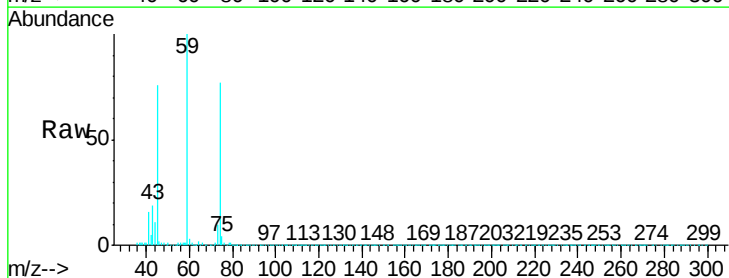
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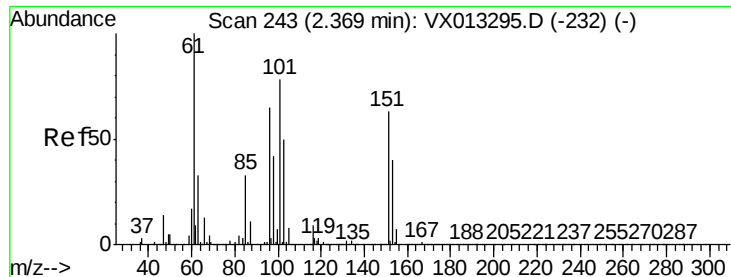


#8

Diethyl Ether
Concen: 20.537 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	108119		
45	93.7	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.478 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

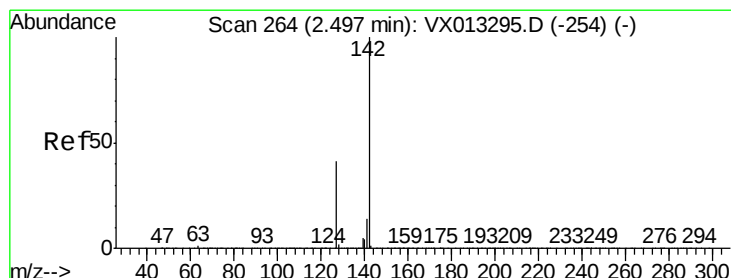
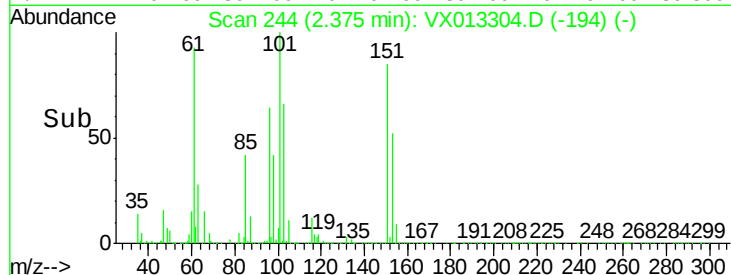
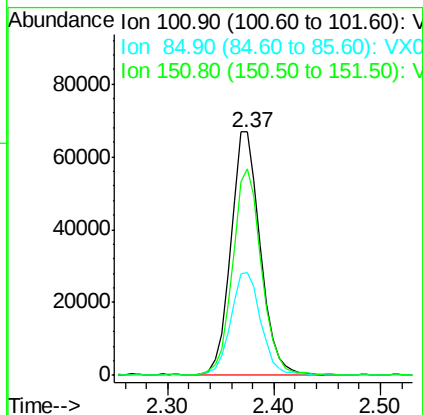
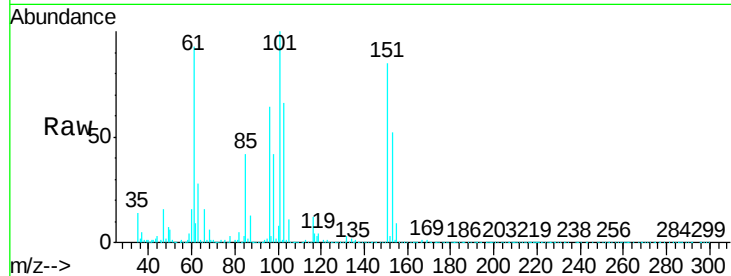
ClientSampleId :

VX1101WBS01

Tgt Ion:	101	Resp:	129249
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.4	51.6
151	83.4	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.809 ug/l

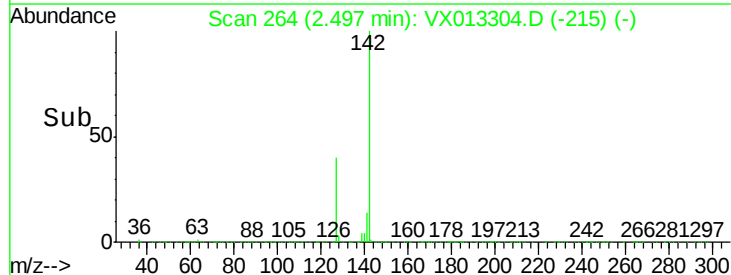
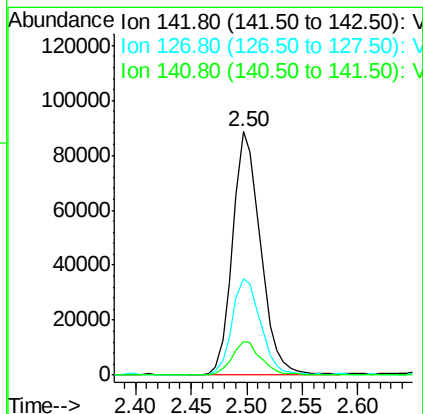
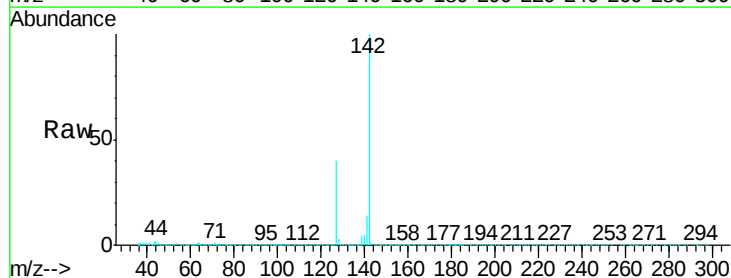
RT: 2.50 min Scan# 264

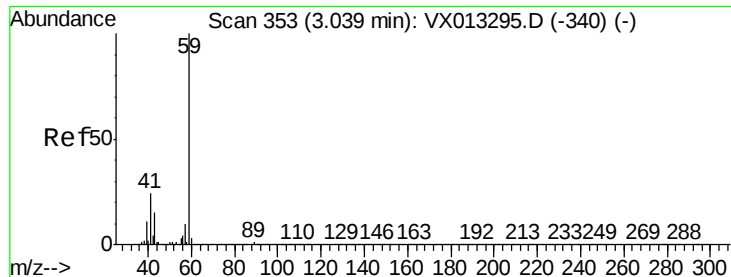
Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion:	142	Resp:	154523
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.6	49.0
141	14.1	11.6	17.4





#11

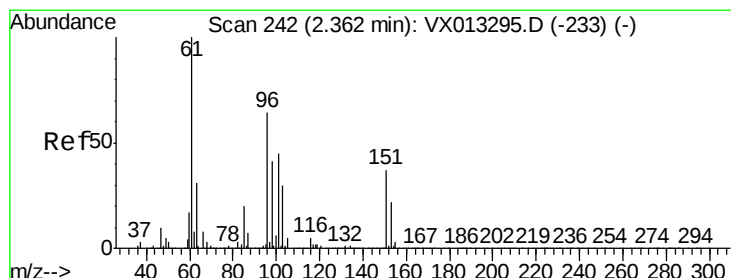
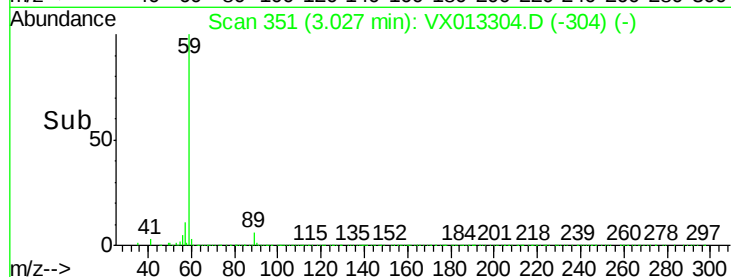
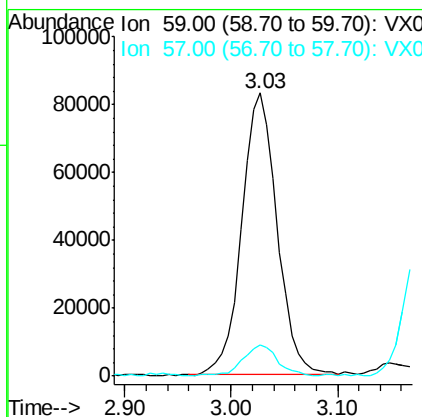
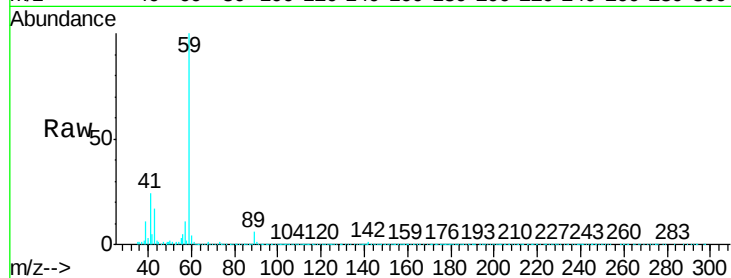
Tert butyl alcohol
Concen: 87.726 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

Manual Integrations
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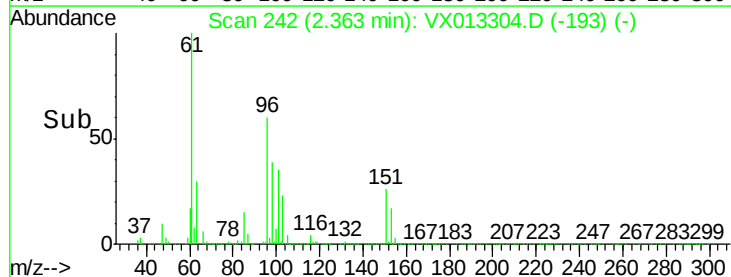
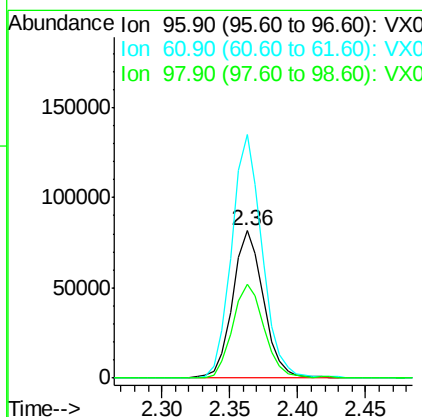
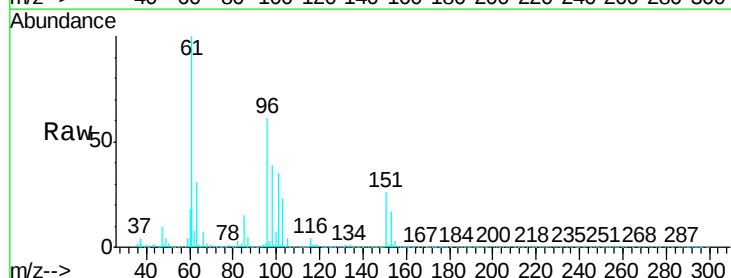
MMDadoda
11/4/2019 1:30:10 PM

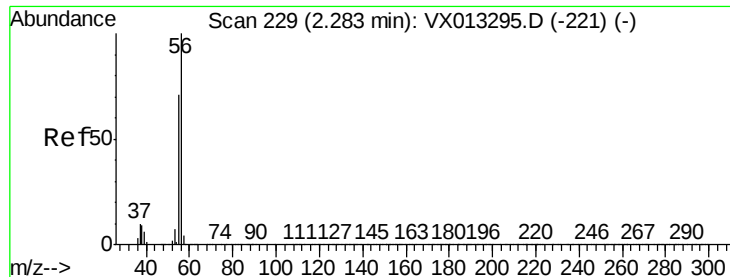


#12

1,1-Dichloroethene
Concen: 19.896 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.0	125.0	187.6
98	63.9	50.7	76.1





#13

Acrolein

Concen: 94.294 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 56 Resp: 113043

Ion Ratio Lower Upper

56 100

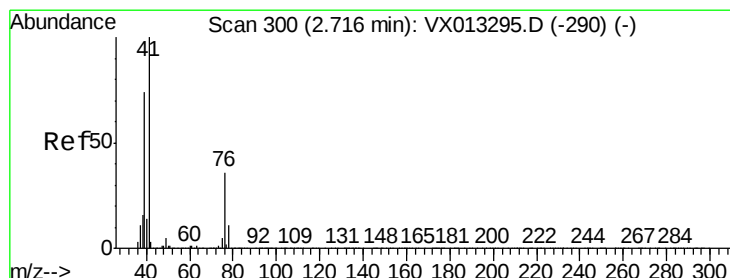
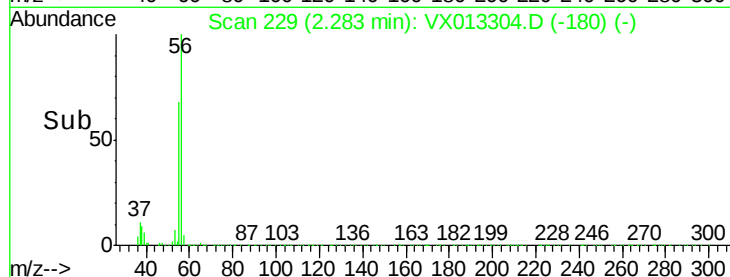
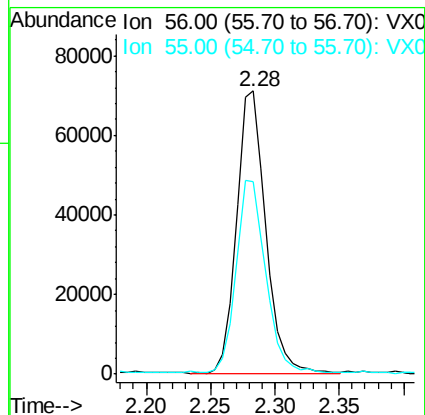
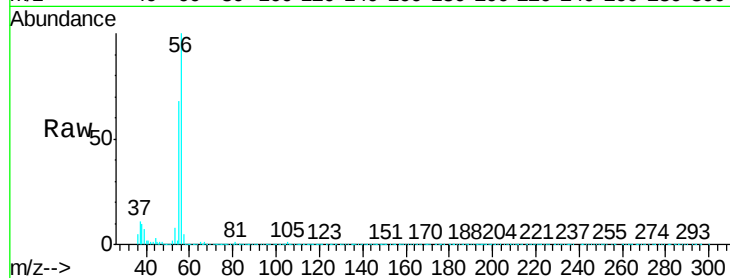
55 68.5 57.4 86.0

Manual Integrations

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11/4/2019 1:30:10 PM



#14

Allyl chloride

Concen: 19.888 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

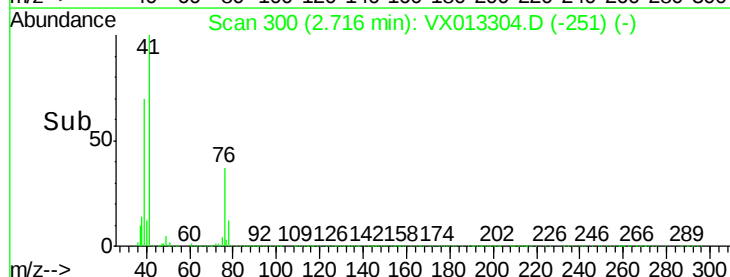
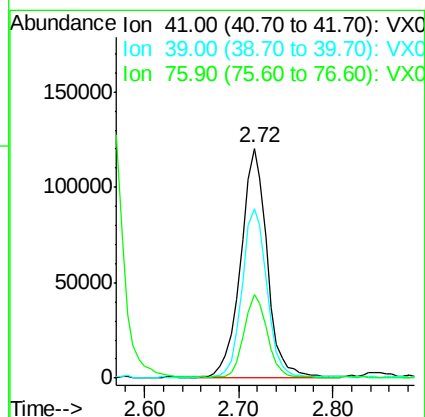
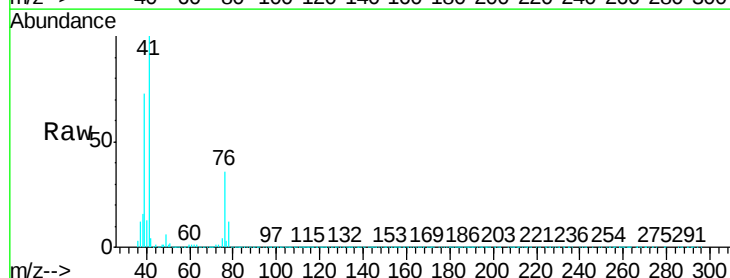
Tgt Ion: 41 Resp: 234809

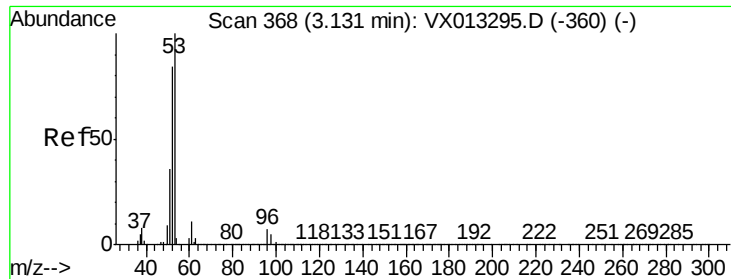
Ion Ratio Lower Upper

41 100

39 69.6 55.8 83.8

76 32.1 26.4 39.6





#15

Acrylonitrile

Concen: 98.737 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

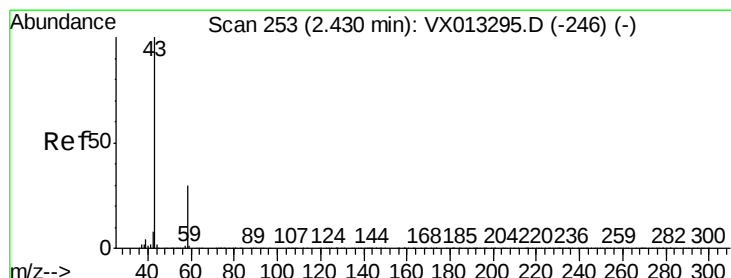
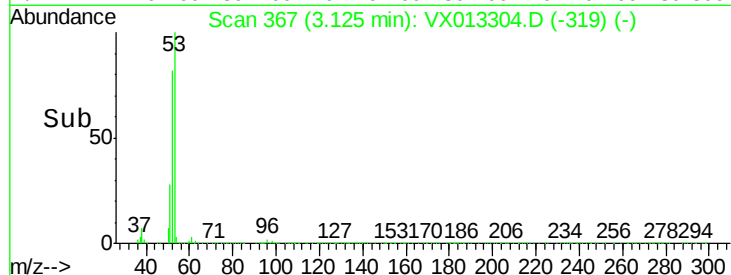
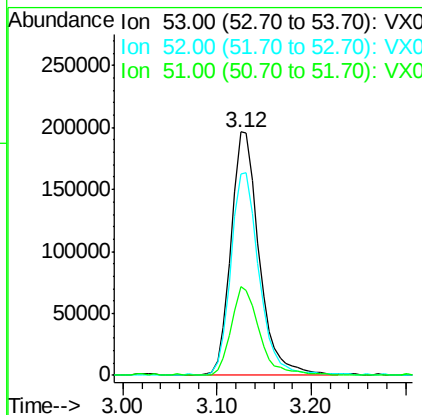
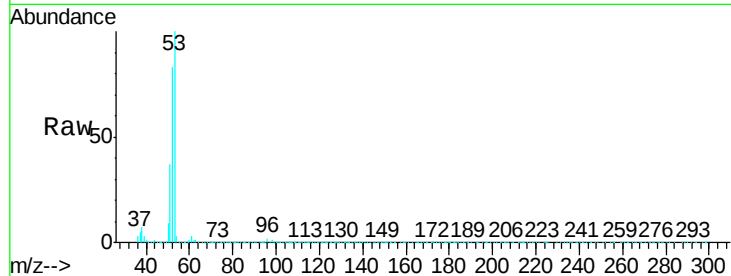
ClientSampleId :

VX1101WBS01

Tgt Ion:	53	Resp:	407973
Ion	Ratio	Lower	Upper
53	100		
52	84.6	67.4	101.0
51	36.4	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 95.633 ug/l

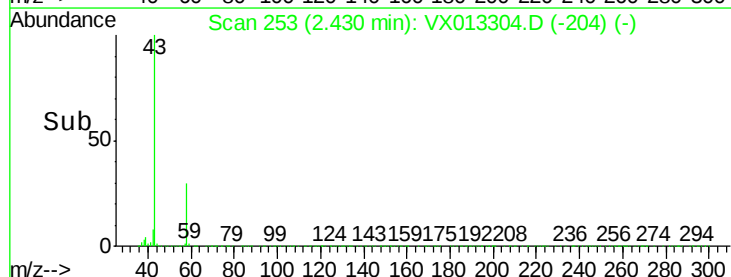
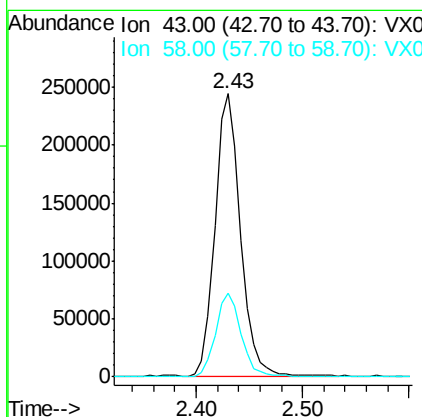
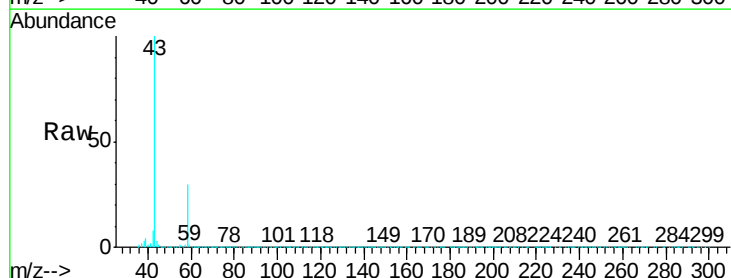
RT: 2.43 min Scan# 253

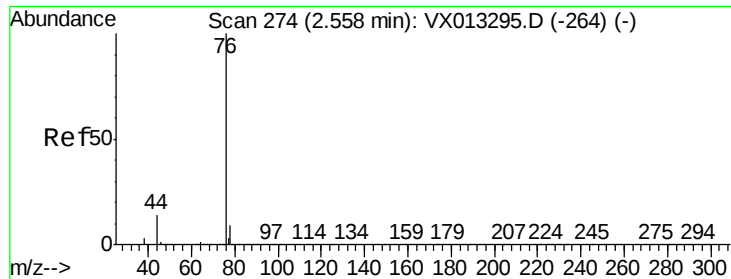
Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion:	43	Resp:	400321
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.3	36.5





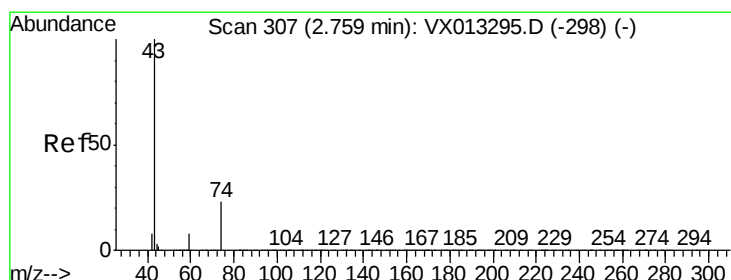
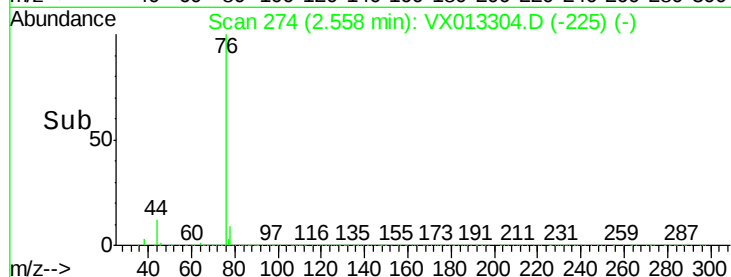
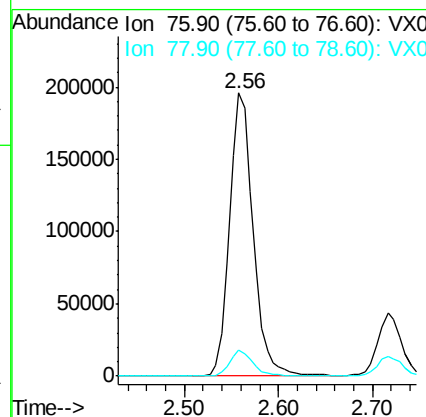
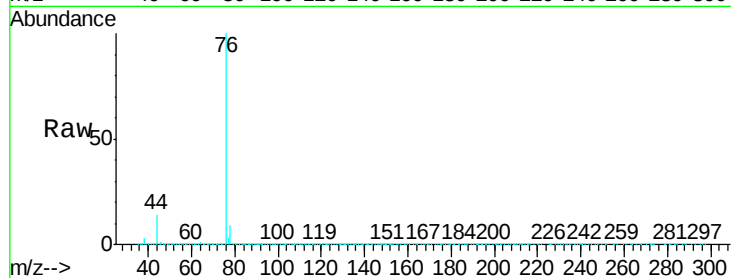
#17
Carbon Disulfide
Concen: 19.569 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion: 76 Resp: 340343
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

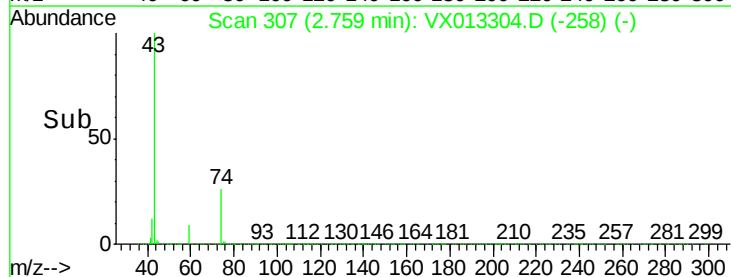
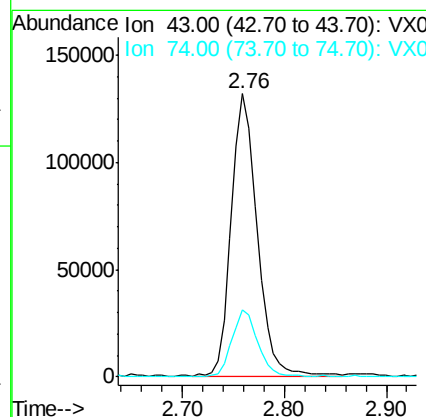
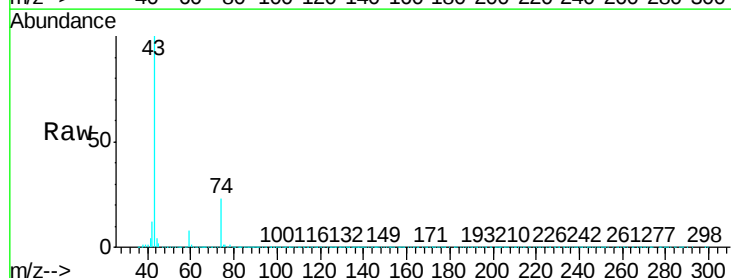
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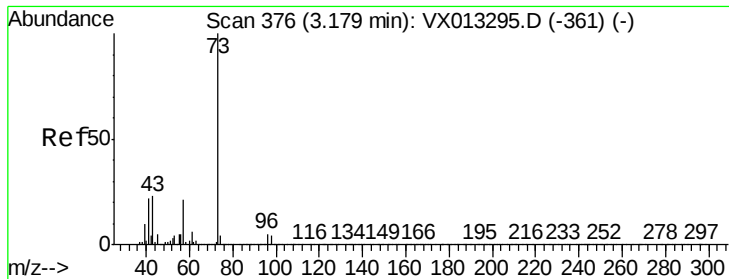
MMDadoda
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#18
Methyl Acetate
Concen: 19.910 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion: 43 Resp: 230098
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6





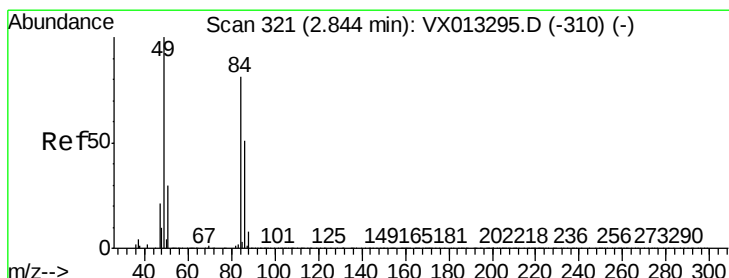
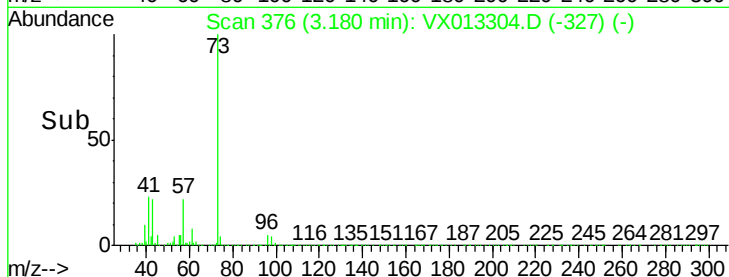
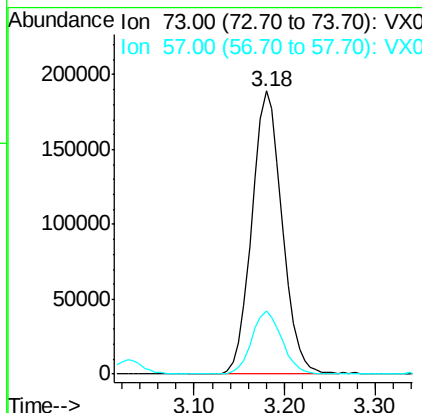
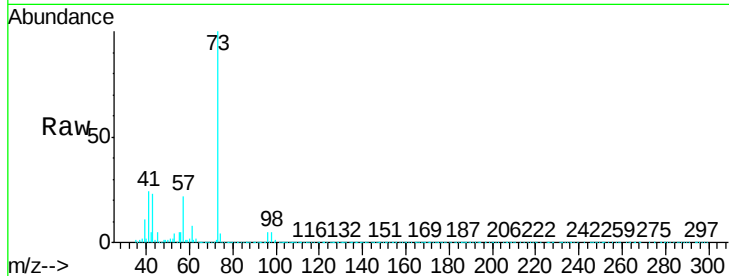
#19
Methyl tert-butyl Ether
Concen: 20.211 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.1	25.7

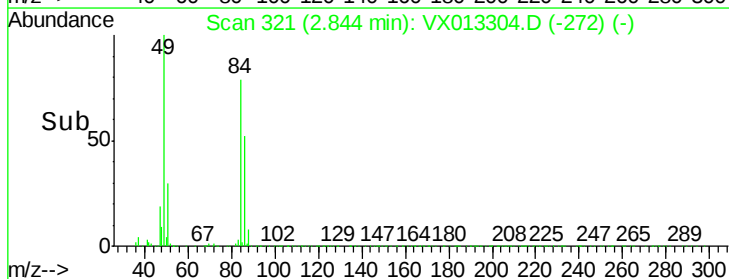
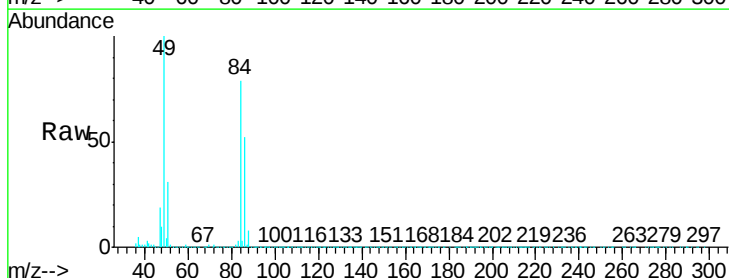
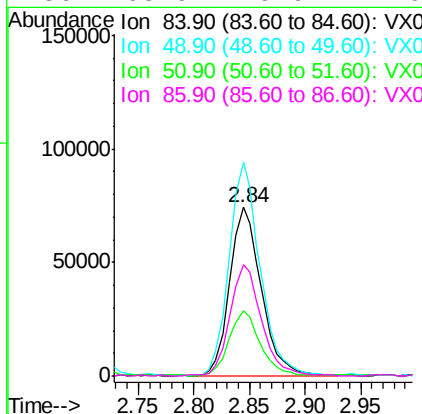
Manual Integrations
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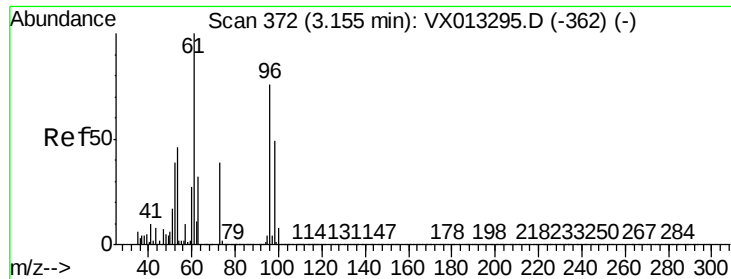
MMDadoda
11/4/2019 1:30:10 PM



#20
Methylene Chloride
Concen: 18.697 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	98.2	147.4
51	38.7	29.9	44.9
86	65.9	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.578 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

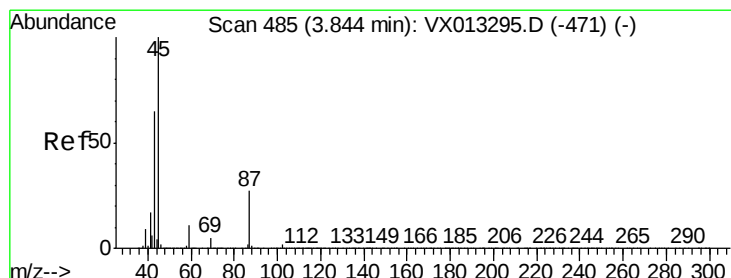
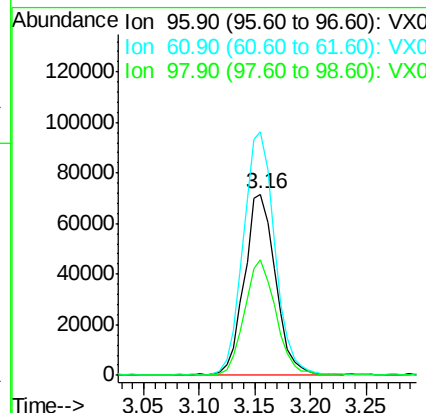
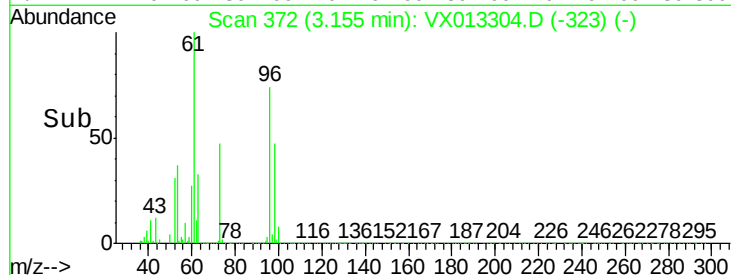
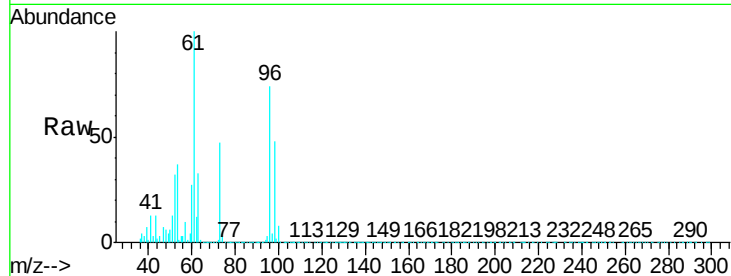
ClientSampleId :

VX1101WBS01

Tgt Ion:	96	Resp:	138515
Ion	Ratio	Lower	Upper
96	100		
61	134.1	105.8	158.6
98	63.7	51.8	77.6

Manual Integrations
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11/4/2019 1:30:10 PM



#22

Diisopropyl ether

Concen: 20.351 ug/l

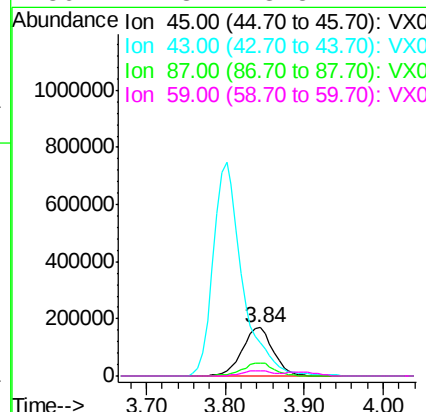
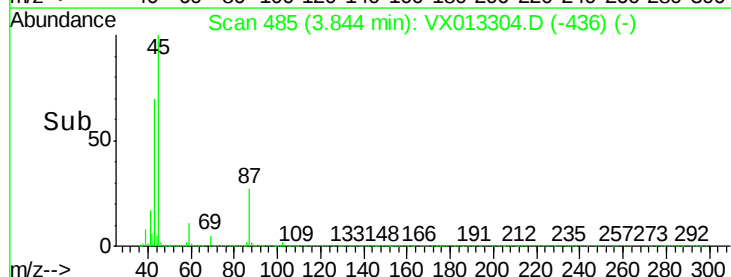
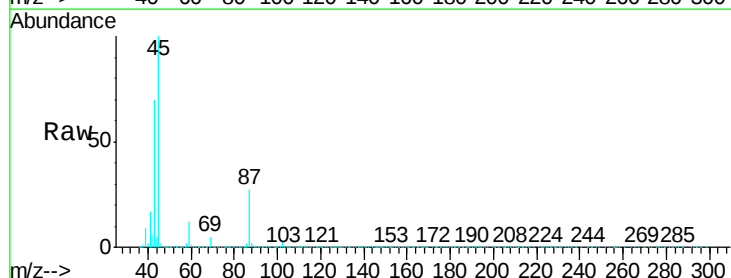
RT: 3.84 min Scan# 485

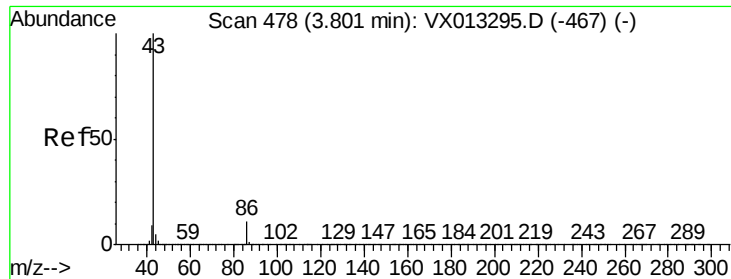
Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion:	45	Resp:	463888
Ion	Ratio	Lower	Upper
45	100		
43	68.9	54.2	81.2
87	27.3	21.8	32.8
59	11.3	8.5	12.7





#23

Vinyl Acetate

Concen: 98.735 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 43 Resp: 1925802

Ion Ratio Lower Upper

43 100

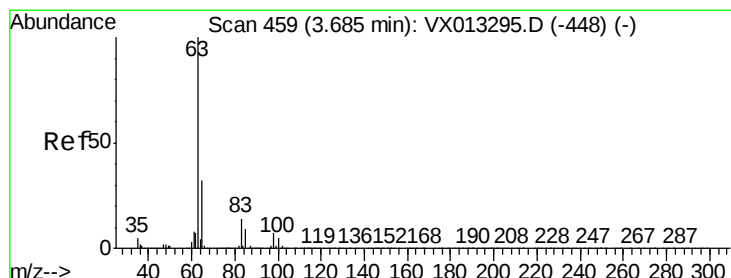
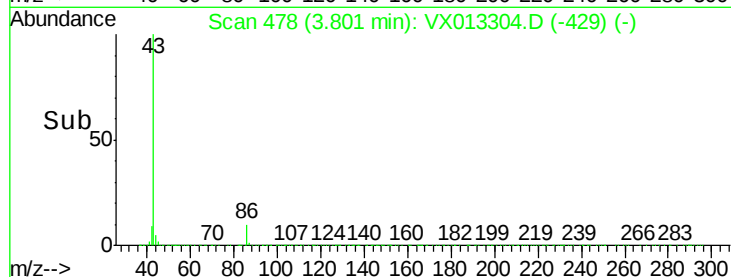
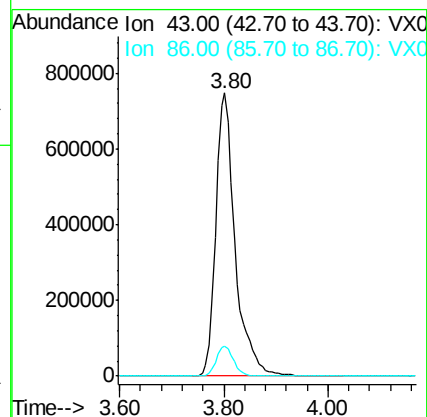
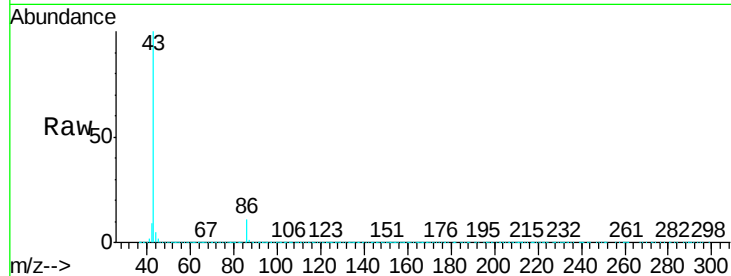
86 10.5 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.822 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

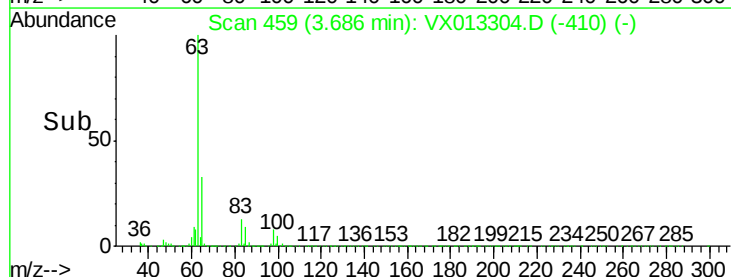
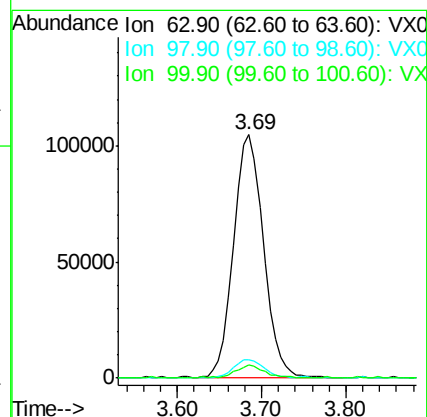
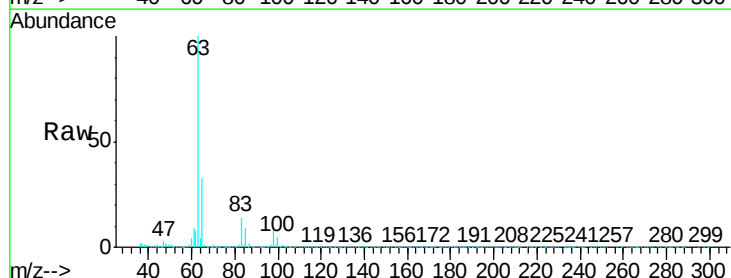
Tgt Ion: 63 Resp: 252758

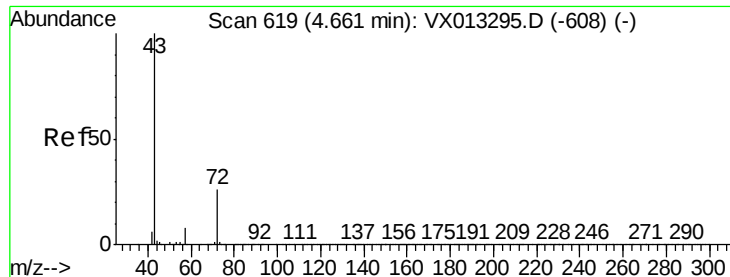
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 97.431 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 43 Resp: 598322

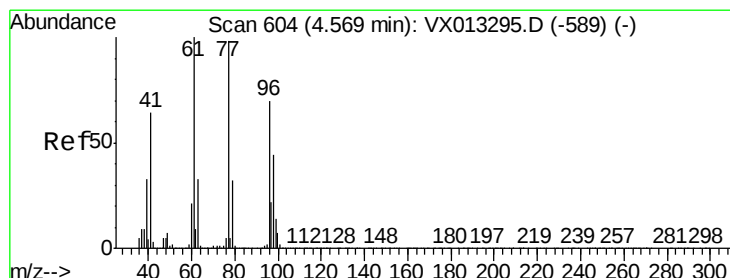
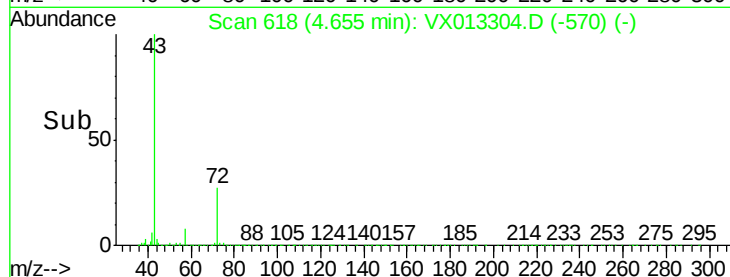
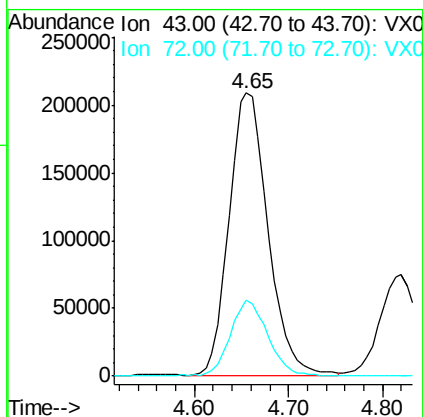
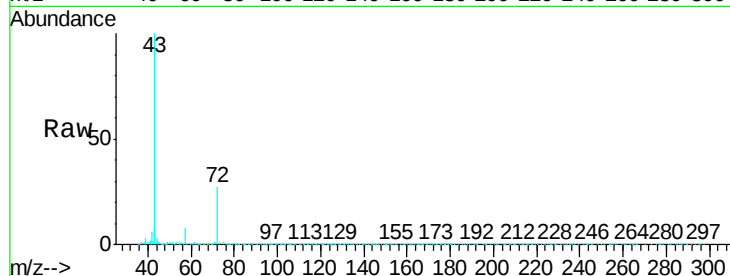
Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.276 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013304.D

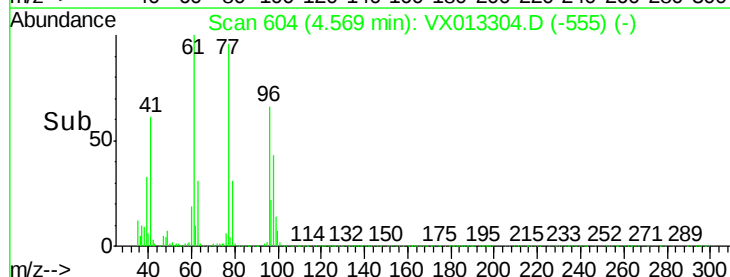
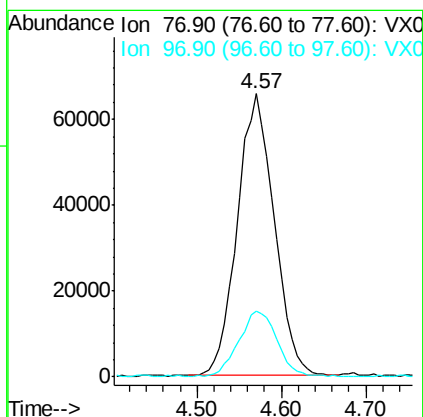
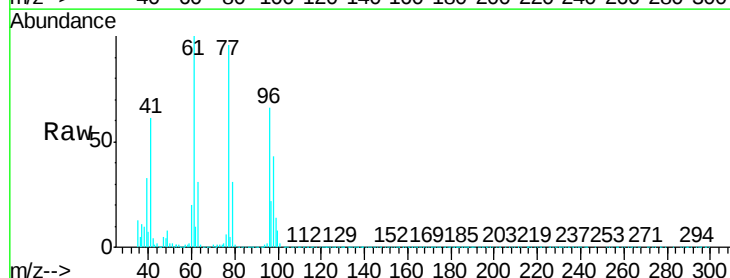
Acq: 01 Nov 2019 12:24

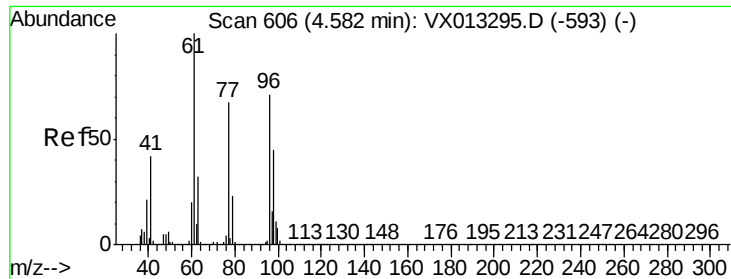
Tgt Ion: 77 Resp: 195538

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8





#27

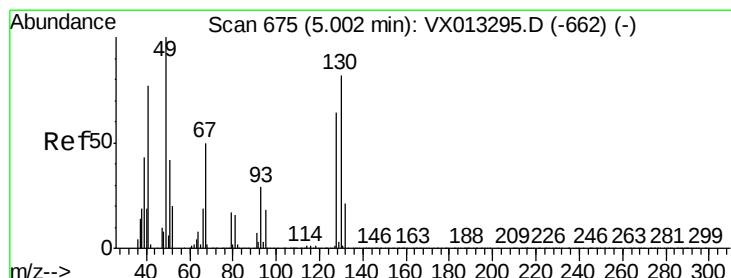
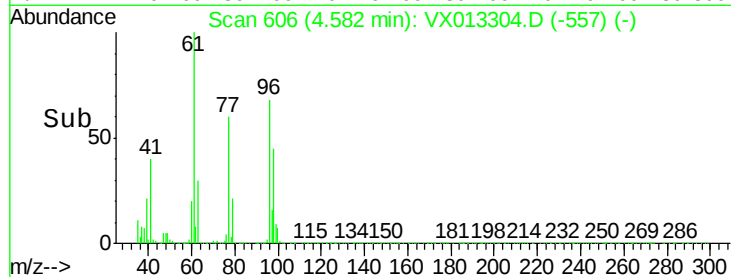
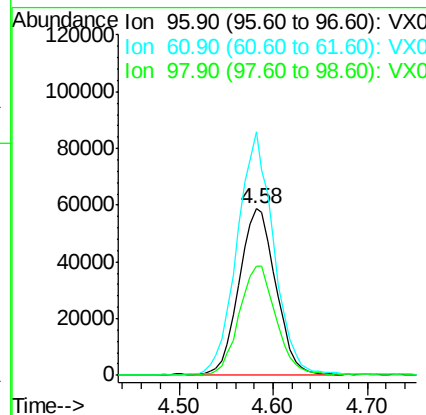
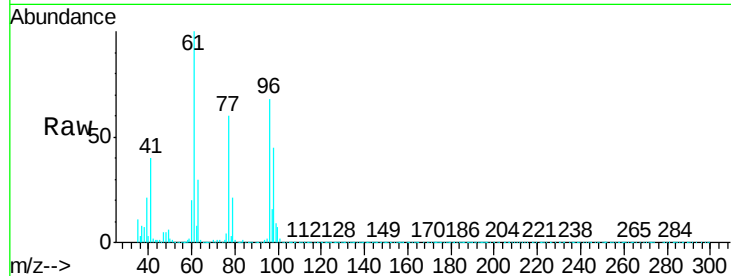
cis-1,2-Dichloroethene
Concen: 20.314 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	160999		
61	146.3	0.0	288.0	
98	64.9	0.0	129.6	

Manual Integrations
APPROVED

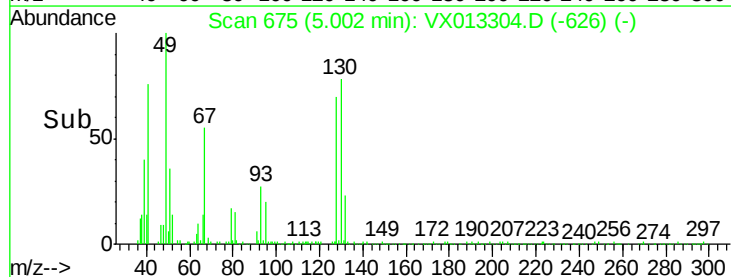
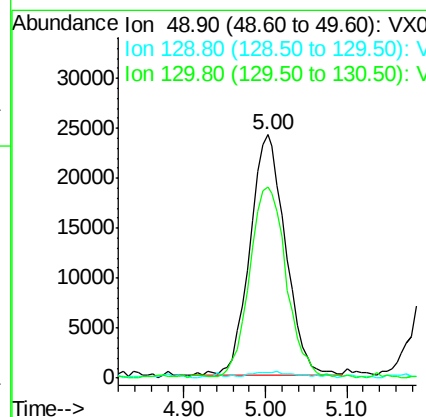
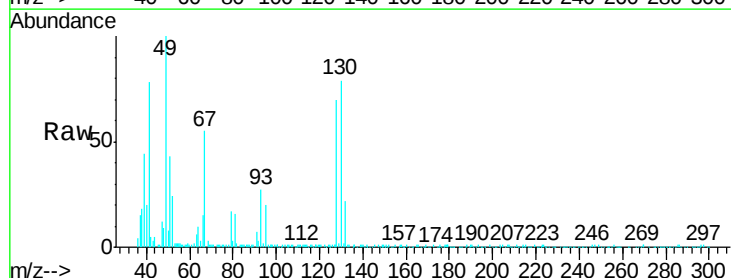
MMDadoda
11/4/2019 1:30:10 PM

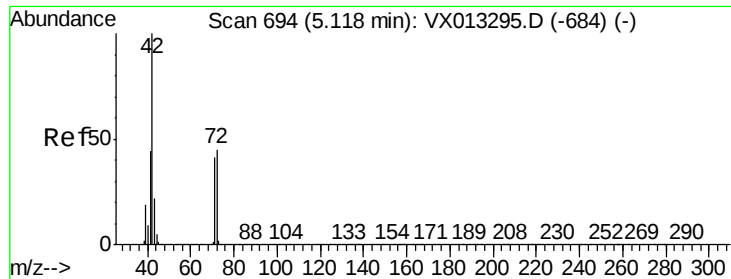


#28

Bromochloromethane
Concen: 20.192 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73105		
129	2.3	0.0	5.2	
130	80.7	63.8	95.6	





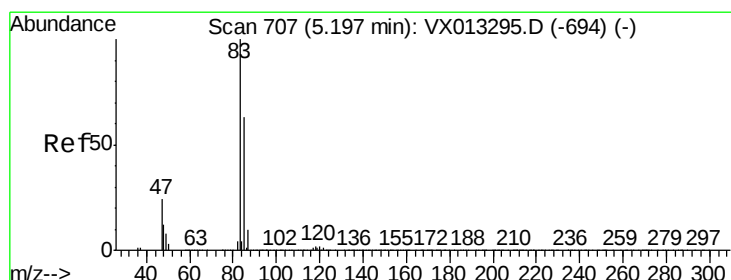
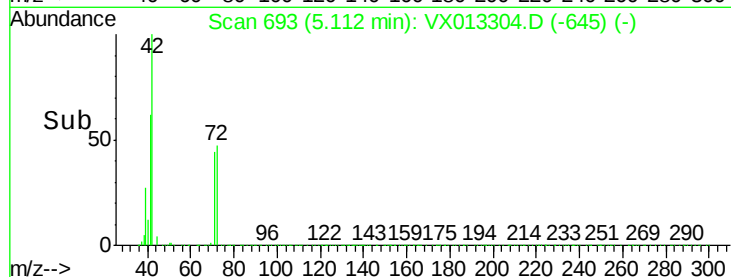
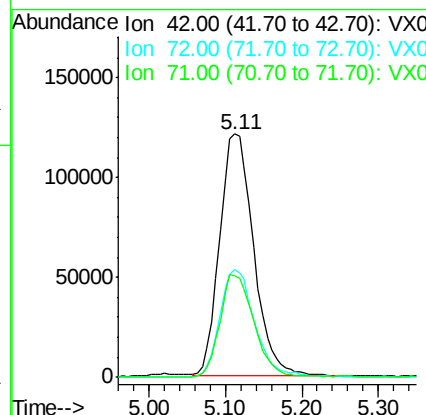
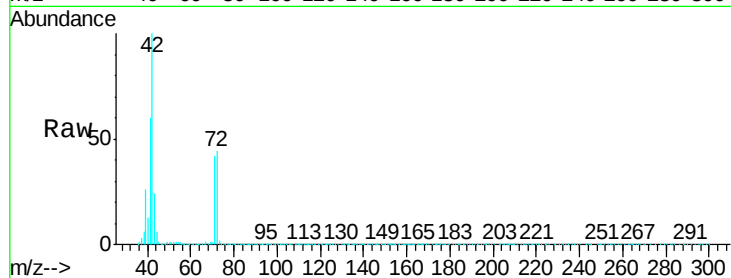
#29
Tetrahydrofuran
Concen: 99.057 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	42.0	33.4	50.0

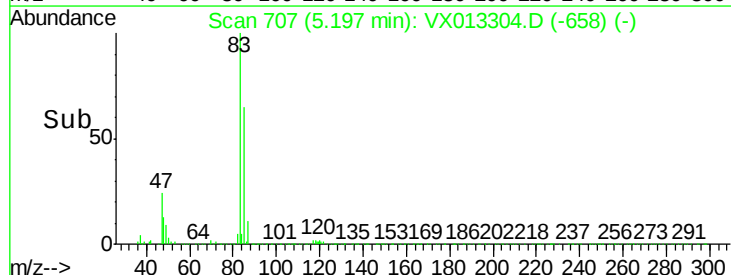
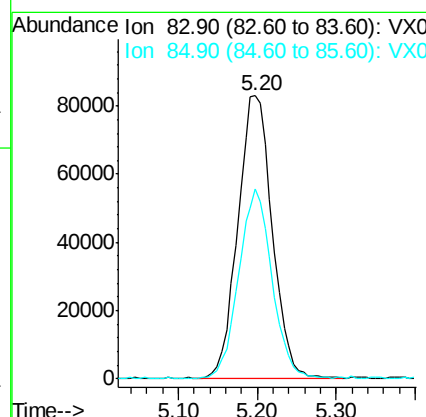
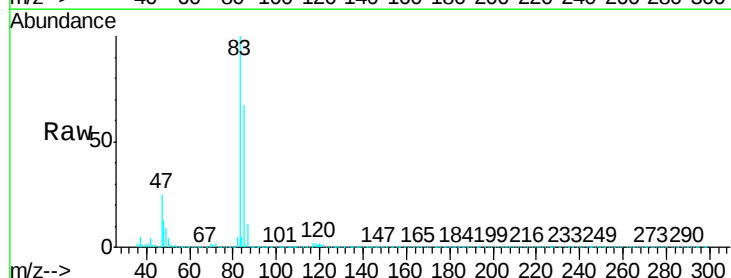
Manual Integrations
APPROVED

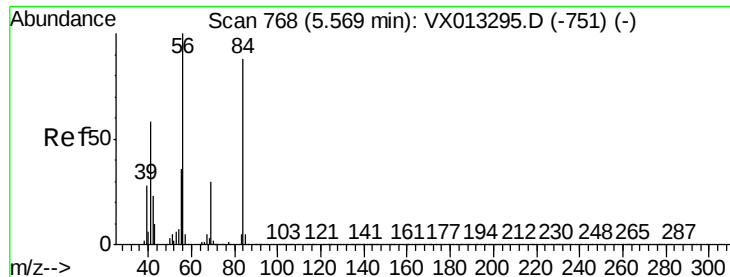
MMDadoda
11/4/2019 1:30:10 PM



#30
Chloroform
Concen: 19.875 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.2	75.4





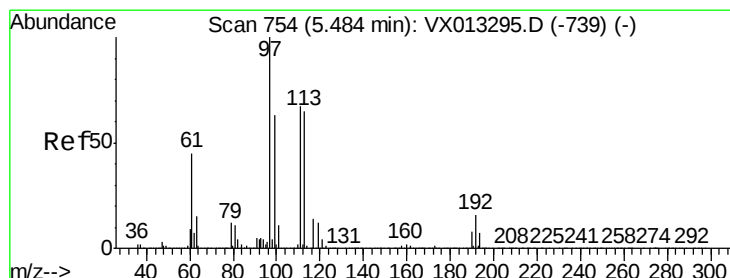
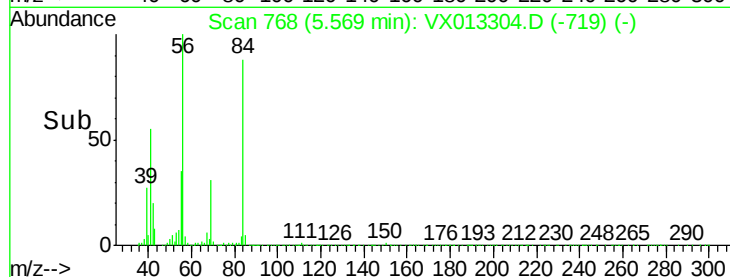
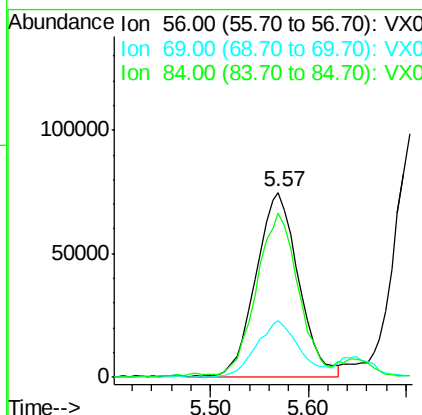
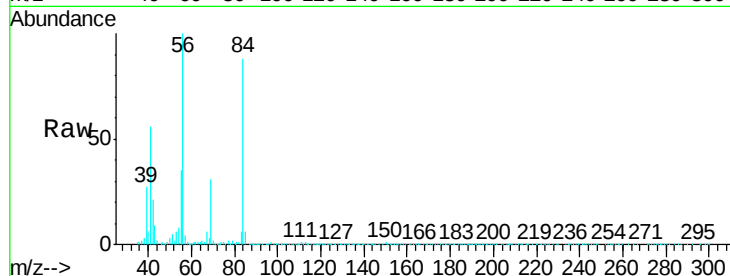
#31
Cyclohexane
Concen: 19.518 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.7	35.5
84	87.4	70.6	105.8

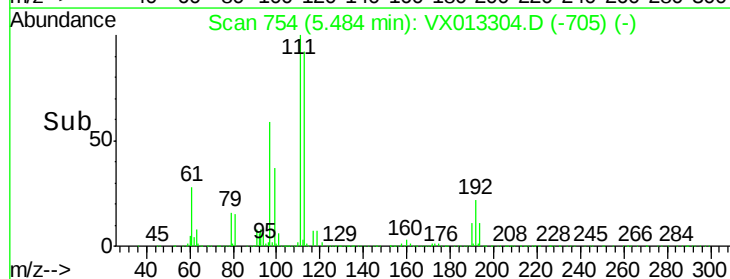
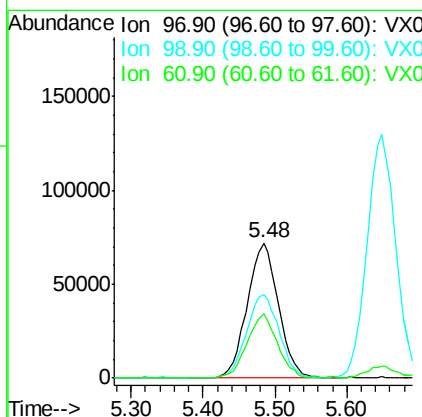
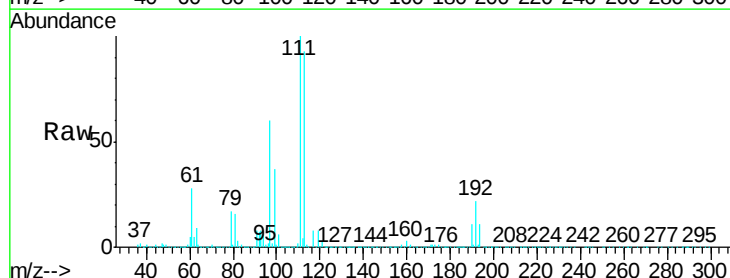
Manual Integrations
APPROVED

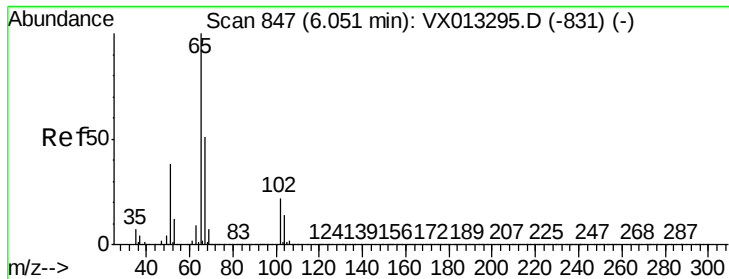
MMDadoda
11/4/2019 1:30:10 PM



#32
1,1,1-Trichloroethane
Concen: 19.827 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.1	76.7
61	46.7	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 49.376 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 65 Resp: 414383

Ion Ratio Lower Upper

65 100

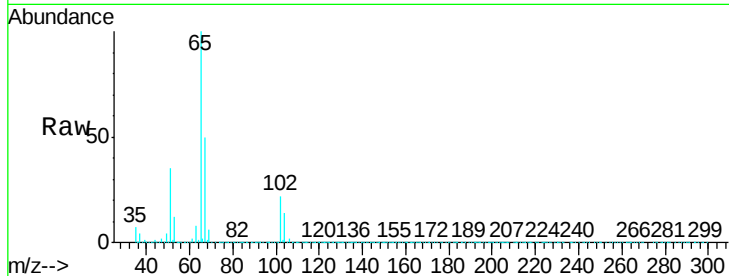
67 51.8 0.0 104.2

Manual Integrations

APPROVED

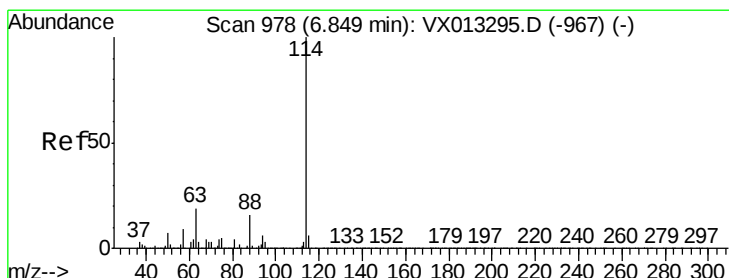
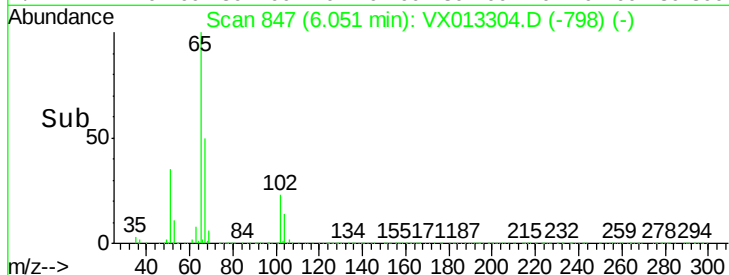
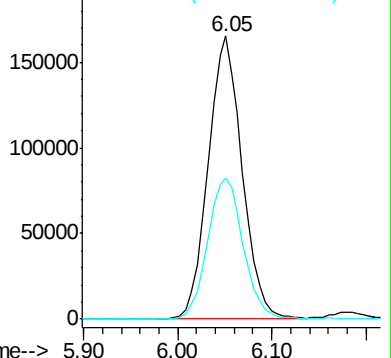
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

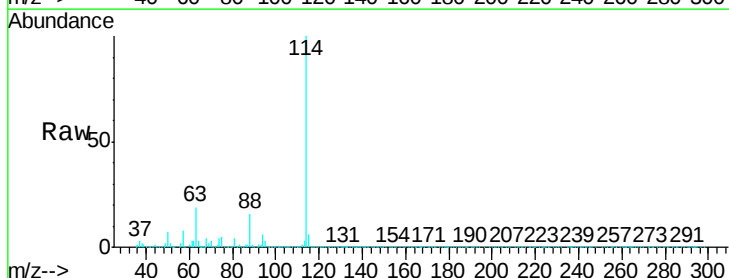
Tgt Ion: 114 Resp: 1077556

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

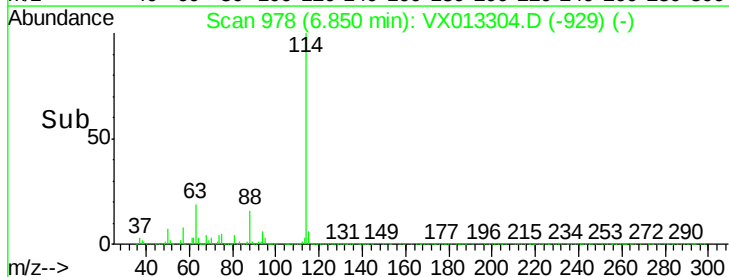
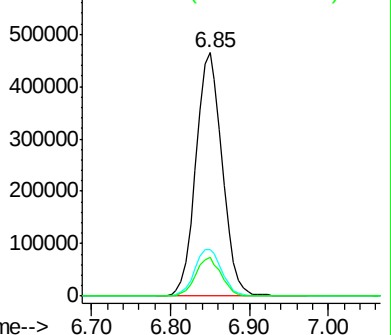
88 15.8 0.0 32.2

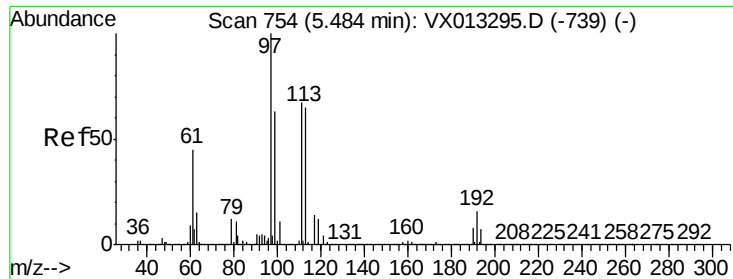


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





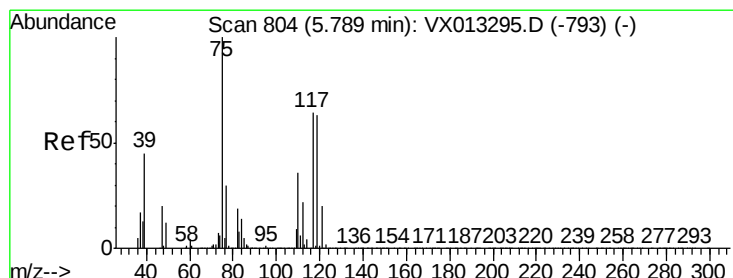
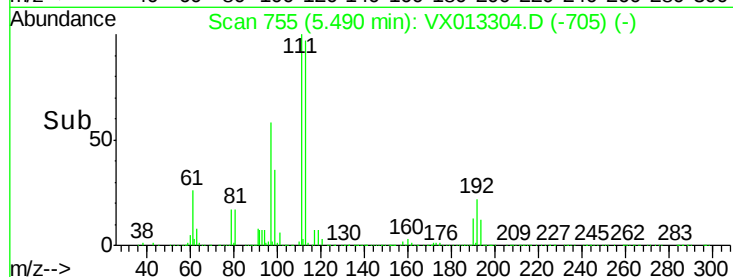
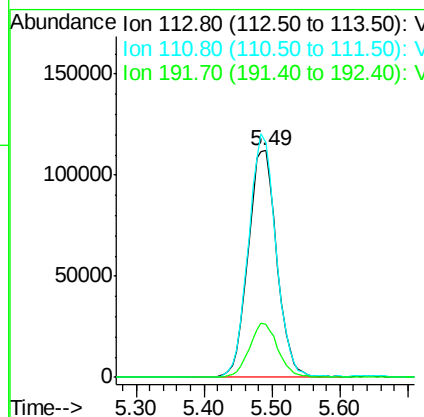
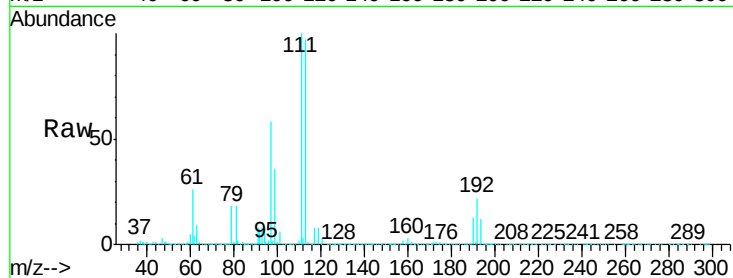
#35
Dibromofluoromethane
Concen: 48.661 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.5	81.9	122.9	
192	23.6	19.1	28.7	

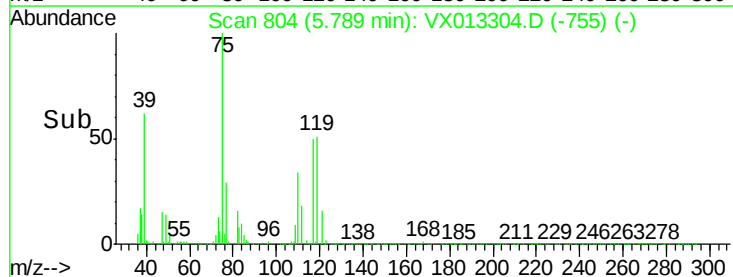
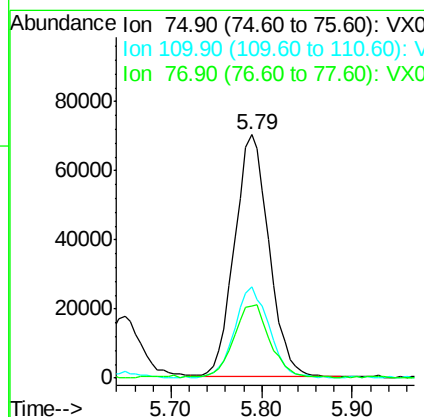
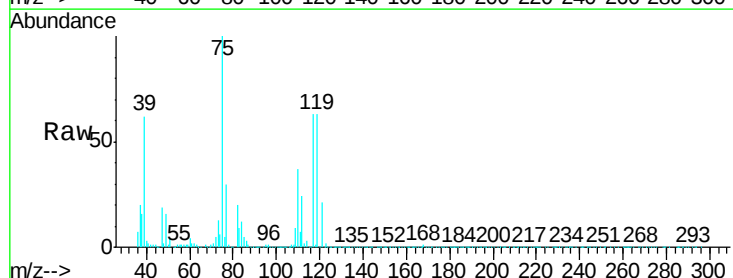
Manual Integrations
APPROVED

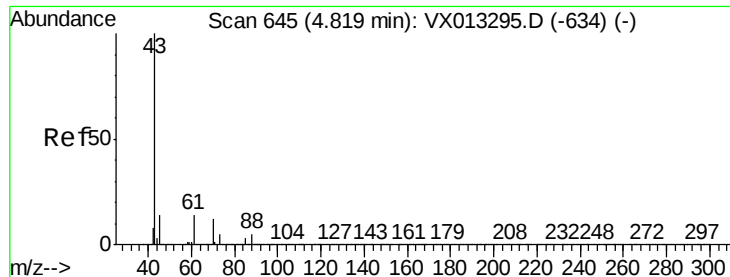
MMDadoda
11/4/2019 1:30:10 PM



#36
1,1-Dichloropropene
Concen: 20.017 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.3	18.1	54.1	
77	31.6	25.0	37.4	





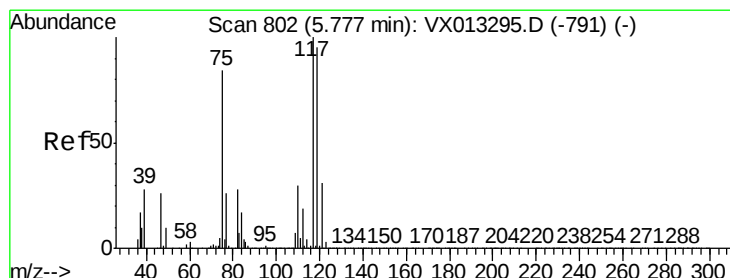
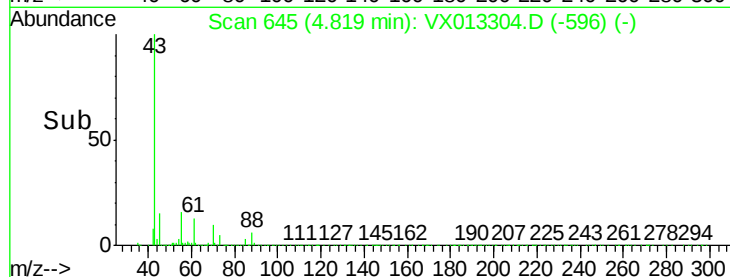
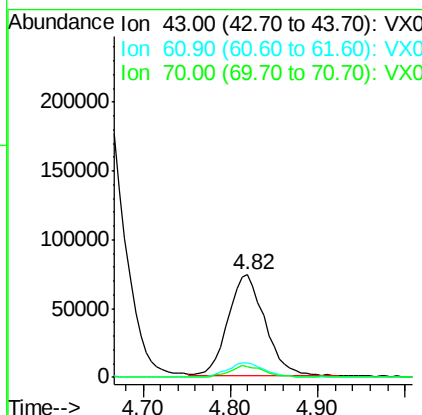
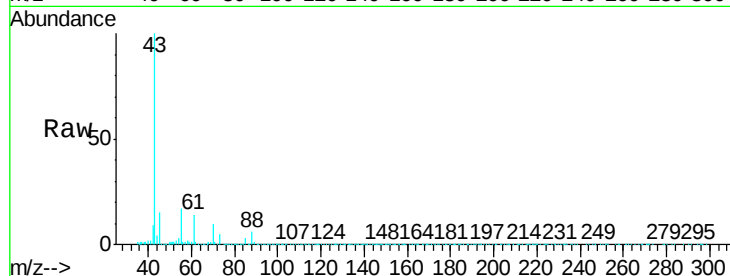
#37
Ethyl Acetate
Concen: 19.065 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.8	8.7	13.1

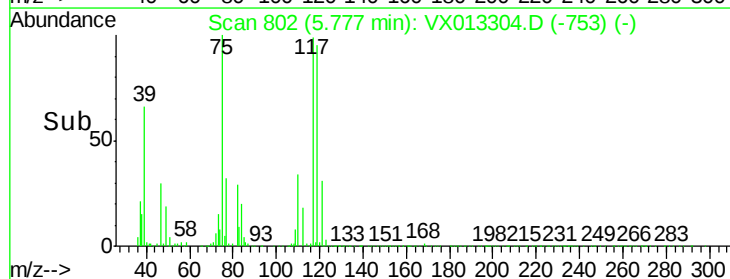
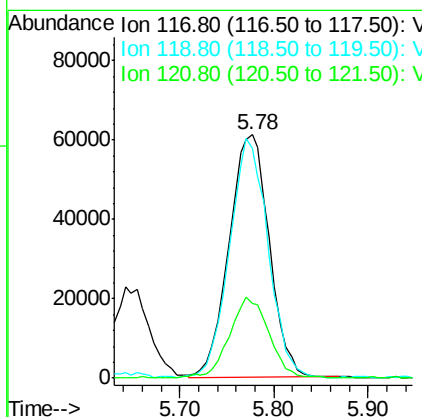
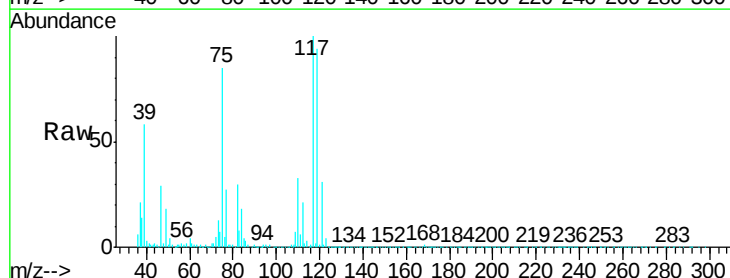
Manual Integrations
APPROVED

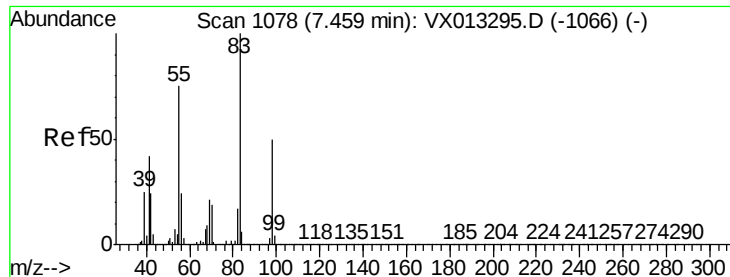
MMDadoda
11/4/2019 1:30:10 PM



#38
Carbon Tetrachloride
Concen: 20.089 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.1	114.1
121	30.6	24.6	37.0





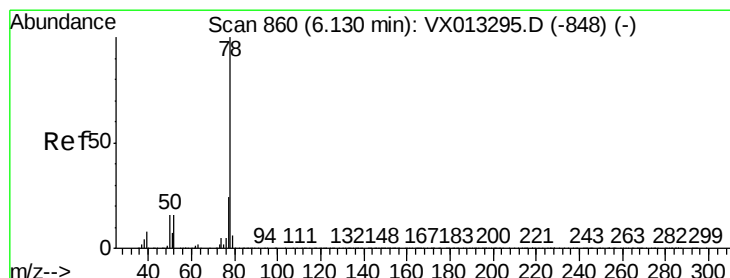
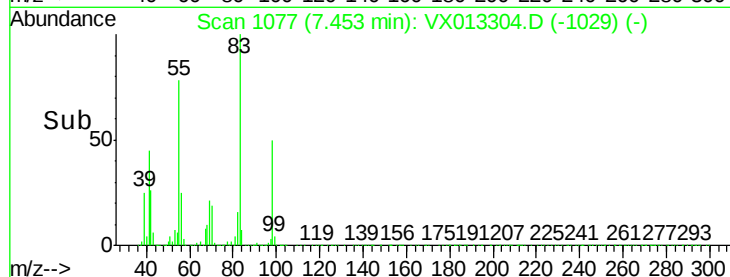
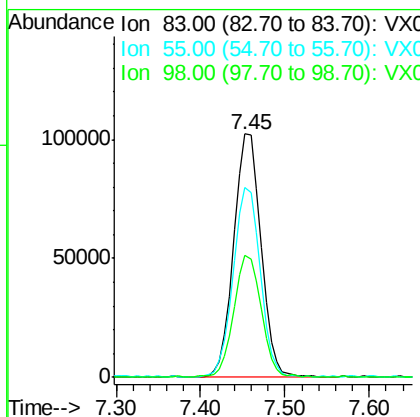
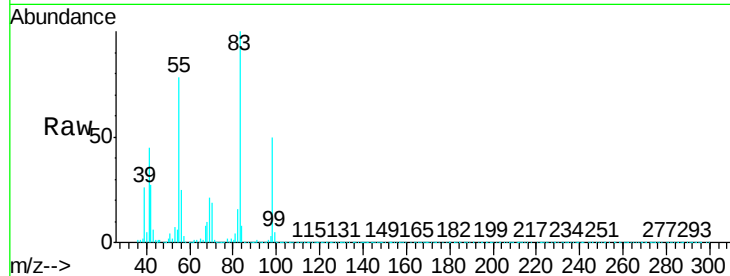
#39
Methylcyclohexane
Concen: 19.351 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	222892		
55	77.7	60.3	90.5	
98	49.7	40.3	60.5	

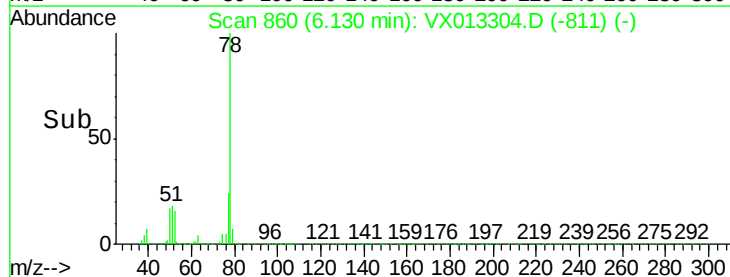
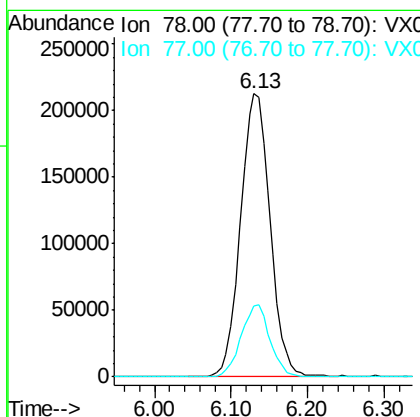
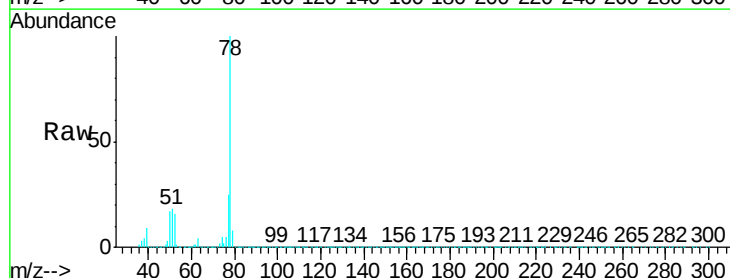
Manual Integrations
APPROVED

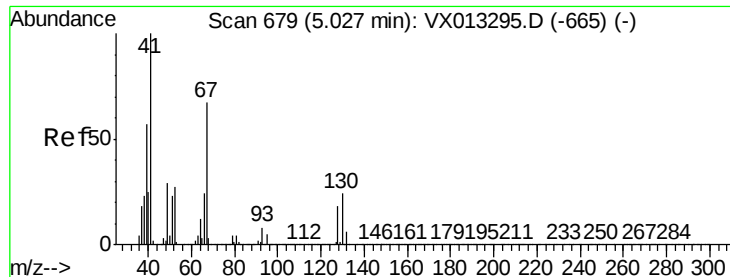
MMDadoda
11/4/2019 1:30:10 PM



#40
Benzene
Concen: 19.757 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	568898		
77	24.8	19.5	29.3	





#41

Methacrylonitrile

Concen: 19.319 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

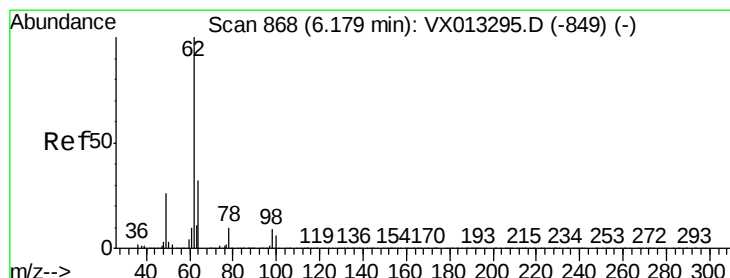
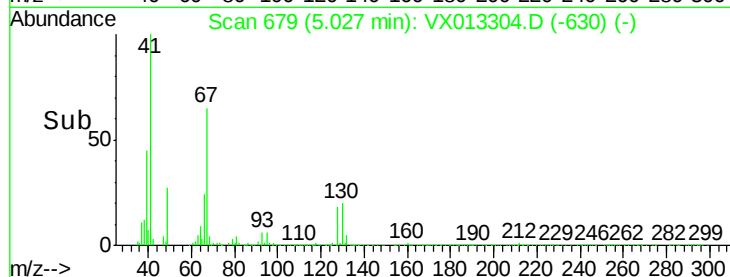
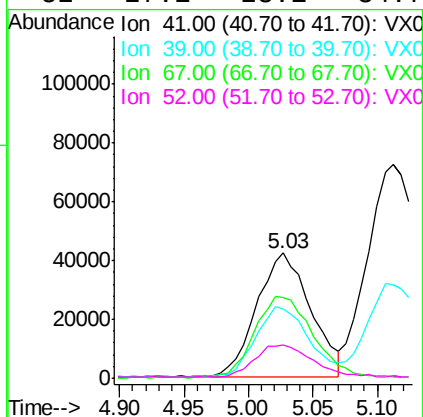
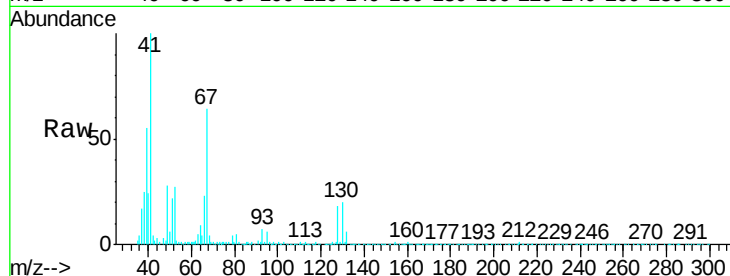
ClientSampleId :

VX1101WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	45.0	67.6	
67	69.9	55.4	83.2	
52	27.1	23.1	34.7	

Manual Integrations
APPROVED

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11/4/2019 1:30:10 PM



#42

1,2-Dichloroethane

Concen: 20.190 ug/l

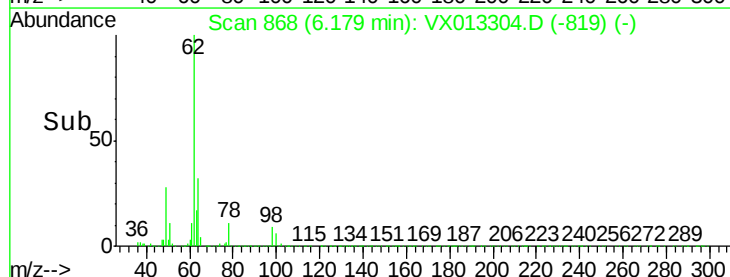
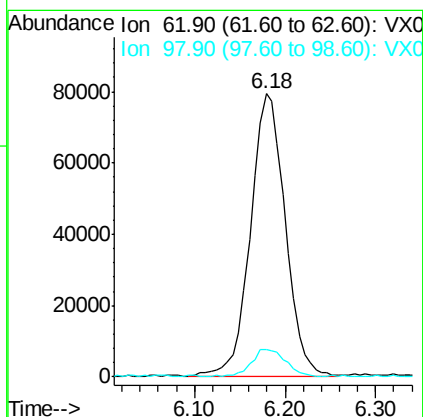
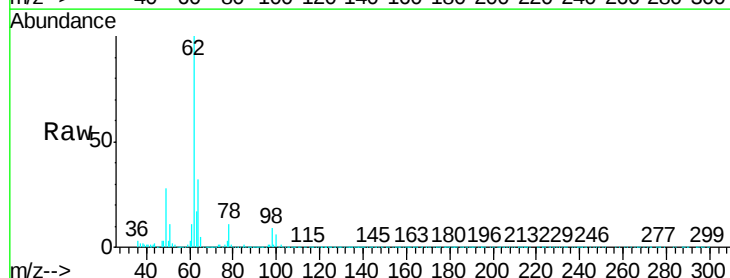
RT: 6.18 min Scan# 868

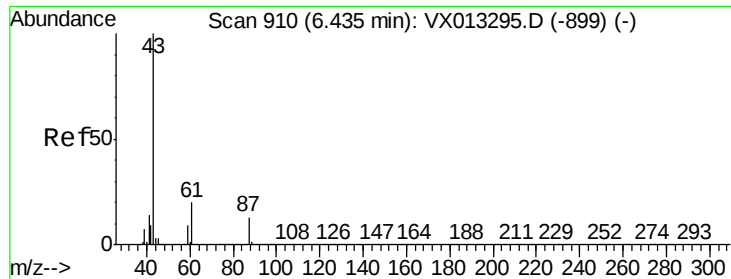
Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.4	





#43

Isopropyl Acetate

Concen: 19.459 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

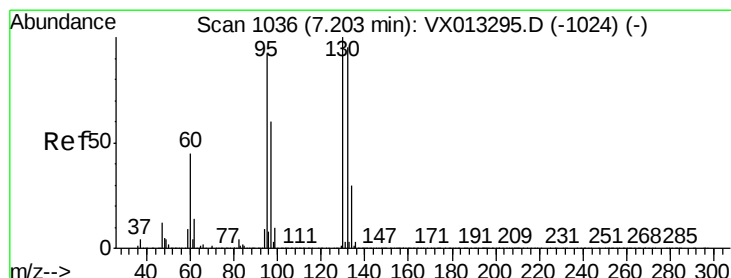
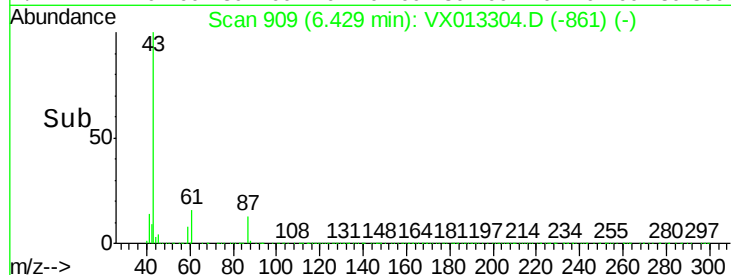
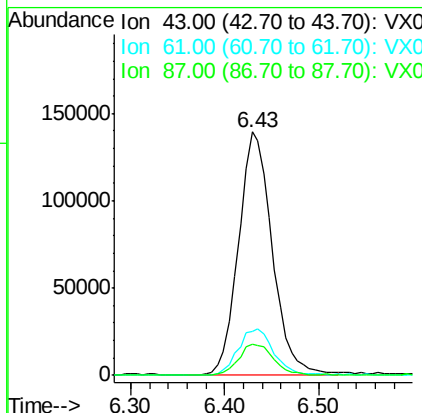
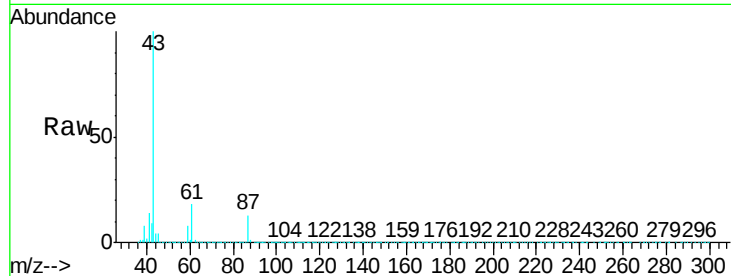
ClientSampleId :

VX1101WBS01

Tgt Ion:	43	Resp:	346114
Ion Ratio		Lower	Upper
43	100		
61	19.6	15.8	23.8
87	13.2	10.4	15.6

Manual Integrations
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MMDadoda
11/4/2019 1:30:10 PM



#44

Trichloroethene

Concen: 19.531 ug/l

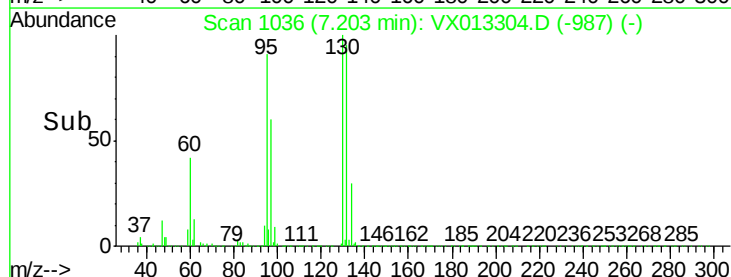
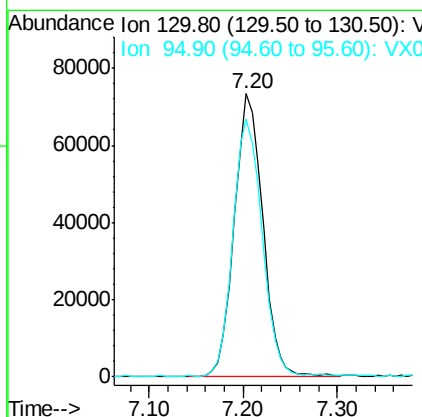
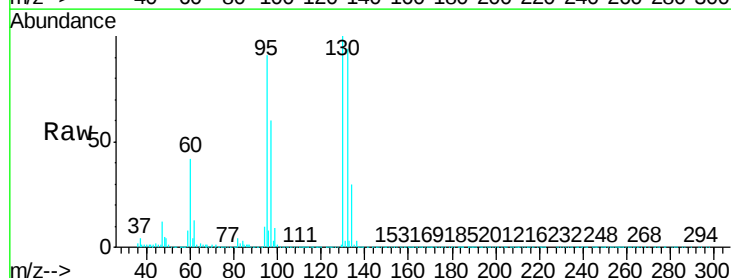
RT: 7.20 min Scan# 1036

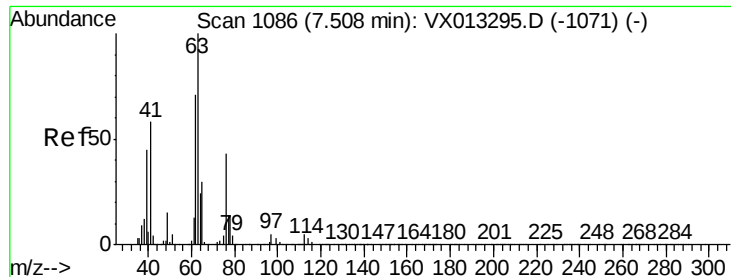
Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion:	130	Resp:	154809
Ion Ratio		Lower	Upper
130	100		
95	90.4	0.0	184.8





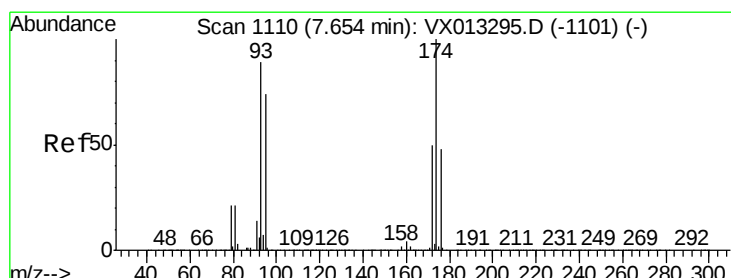
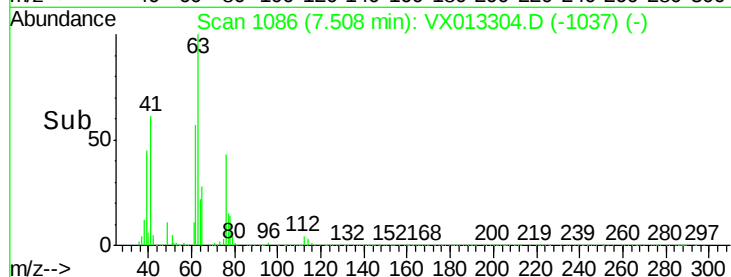
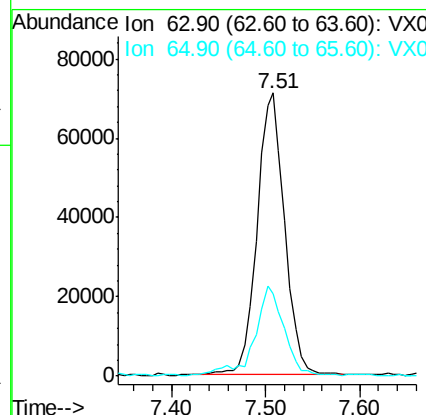
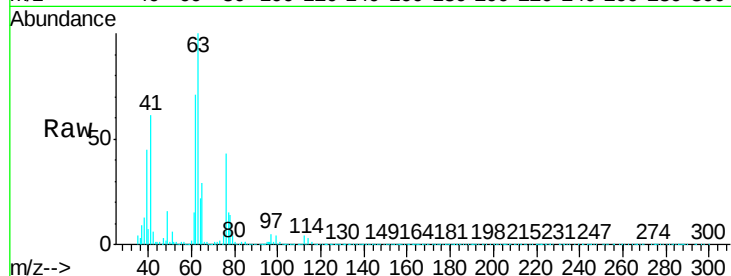
#45
 1,2-Dichloropropane
 Concen: 19.886 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	28.8	24.3	36.5

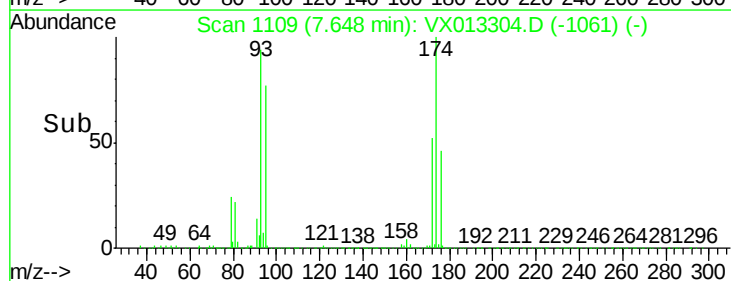
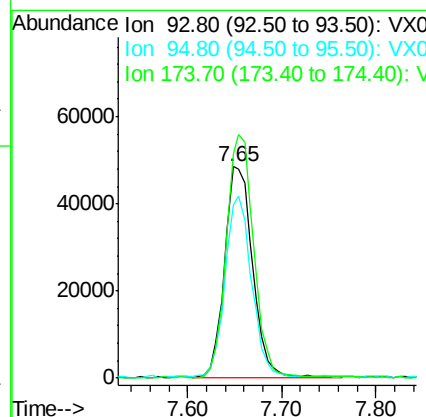
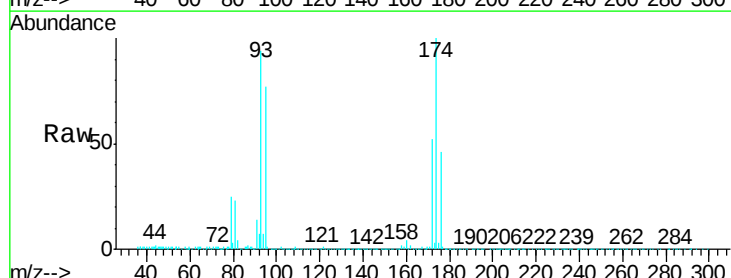
Manual Integrations
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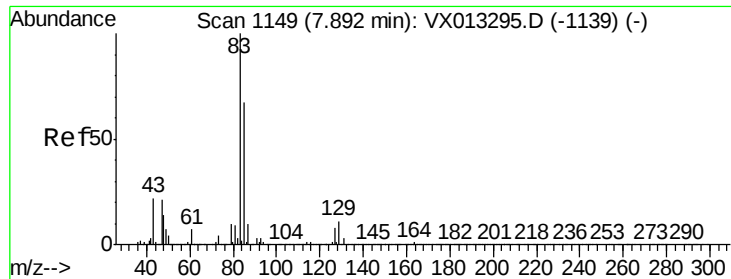
MMDadoda
 11/4/2019 1:30:10 PM



#46
 Dibromomethane
 Concen: 19.806 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.8	98.6
174	113.0	90.4	135.6





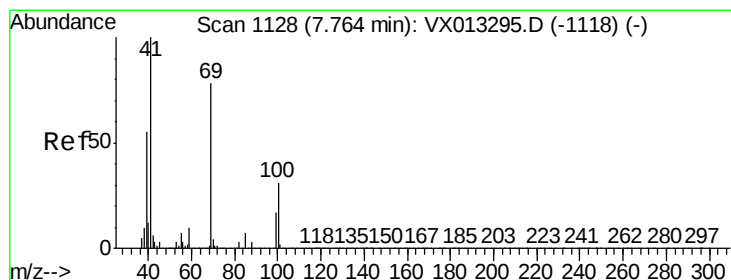
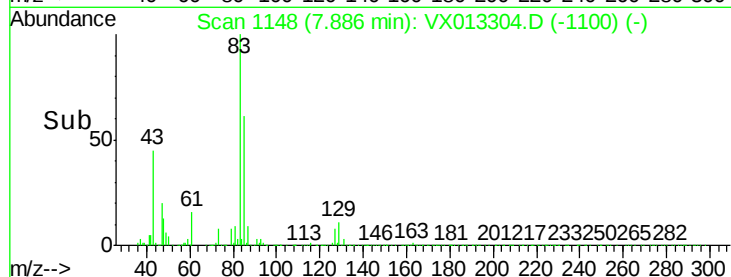
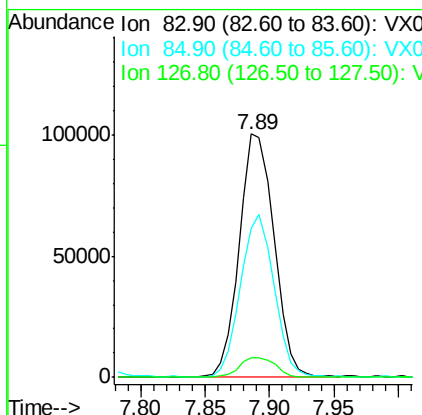
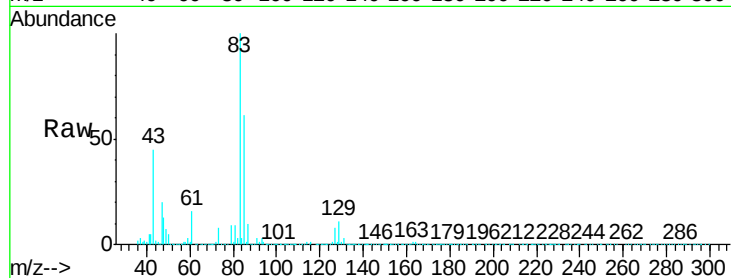
#47
Bromodichloromethane
Concen: 19.942 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	53.7	80.5
127	7.9	6.4	9.6

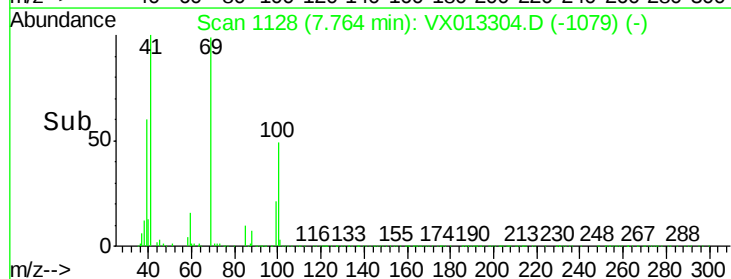
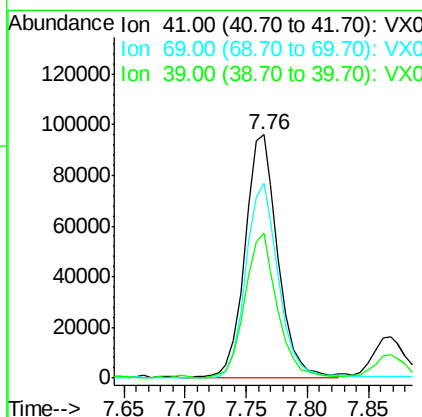
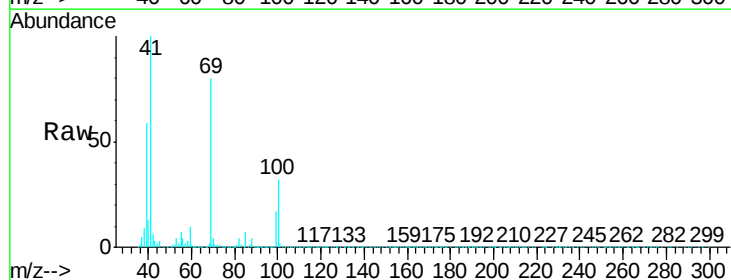
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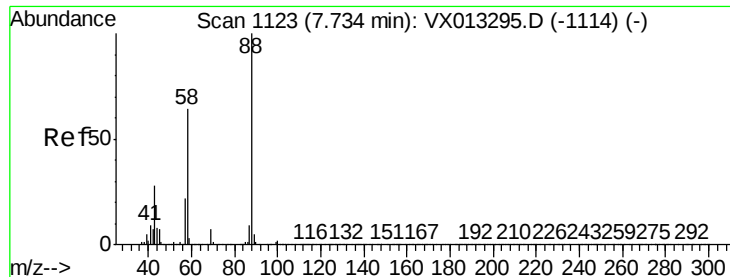
MMDadoda
11/4/2019 1:30:10 PM



#48
Methyl methacrylate
Concen: 20.120 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.4	63.0	94.6
39	58.2	45.9	68.9





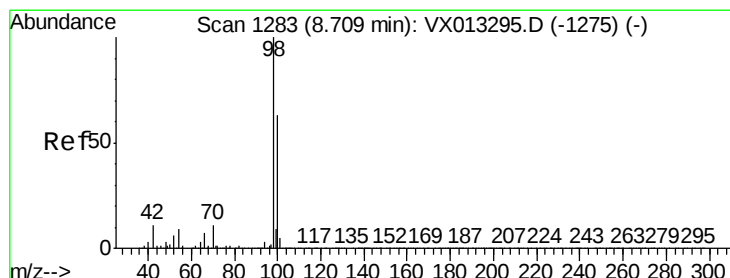
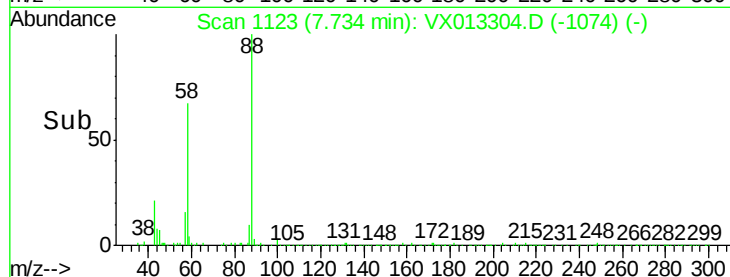
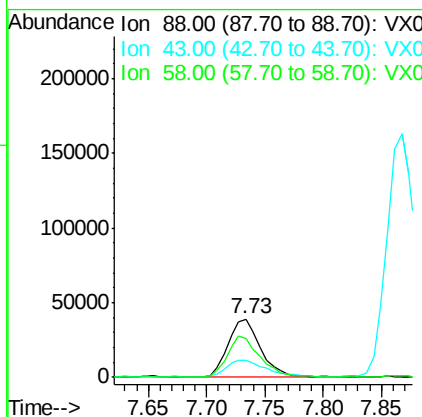
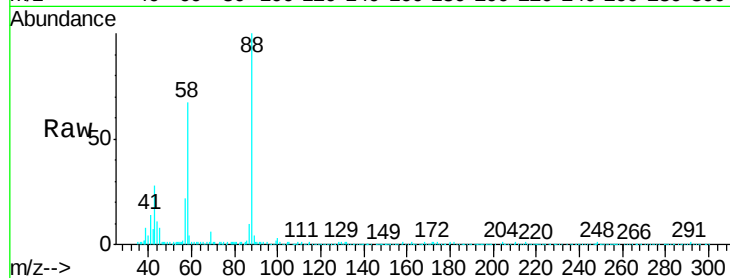
#49
1,4-Dioxane
Concen: 369.369 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.7	26.6	39.8
58	71.1	55.0	82.6

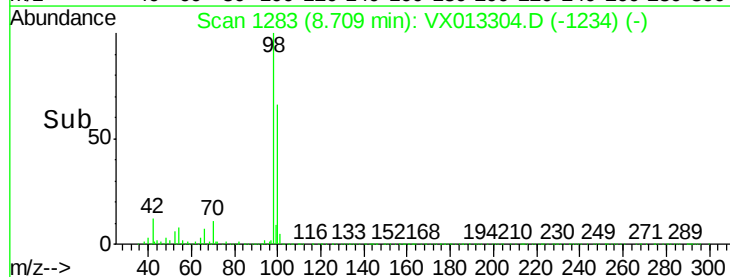
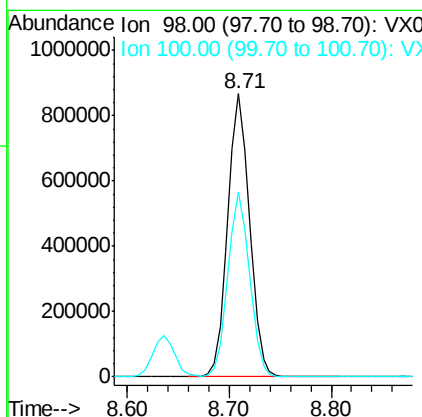
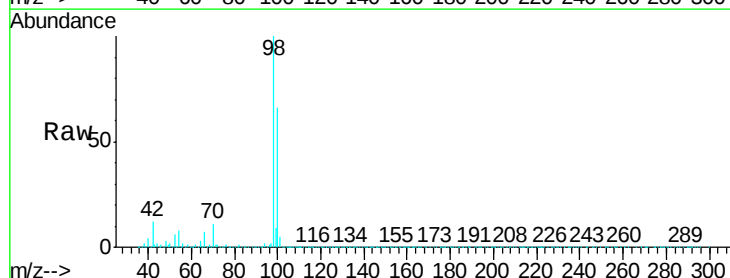
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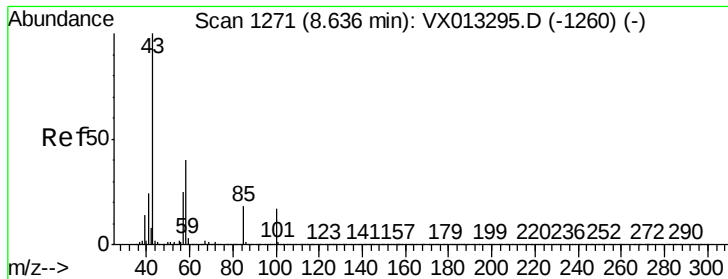
MMDadoda
11/4/2019 1:30:10 PM



#50
Toluene-d8
Concen: 50.228 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





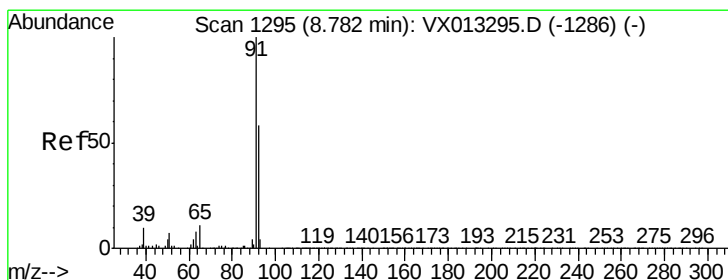
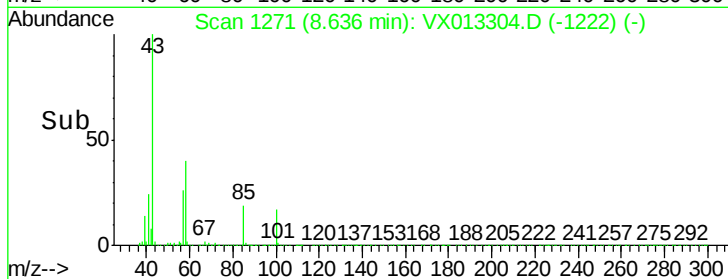
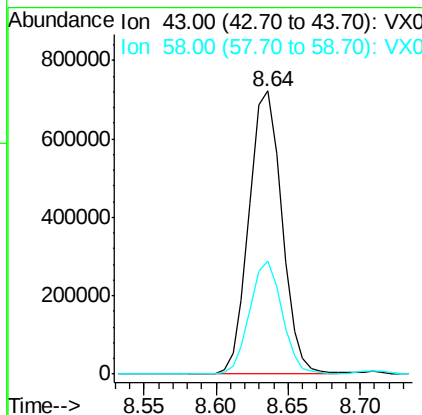
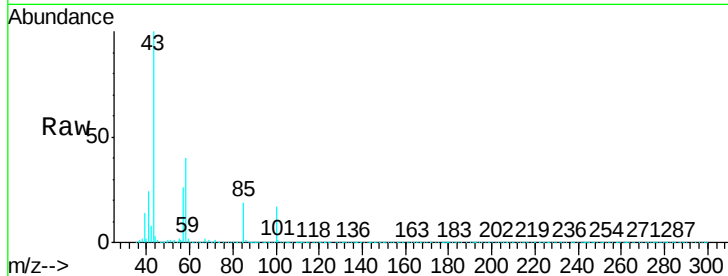
#51
4-Methyl-2-Pentanone
Concen: 97.844 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion: 43 Resp: 1141820
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.0

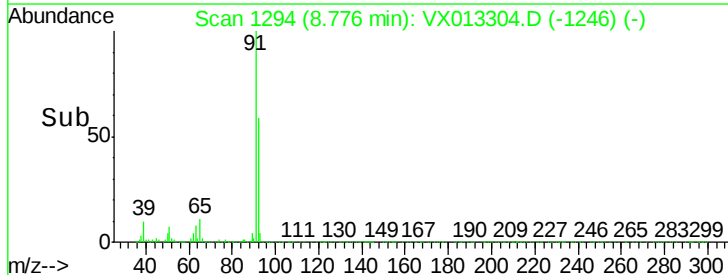
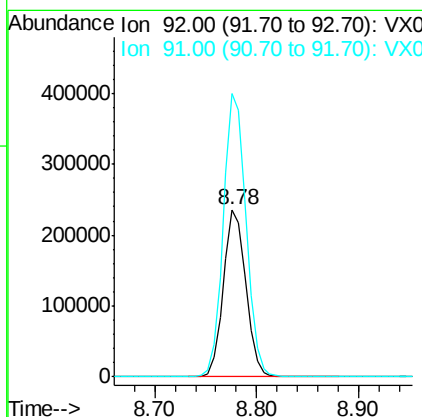
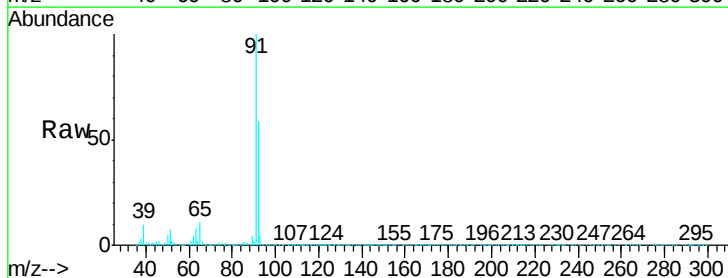
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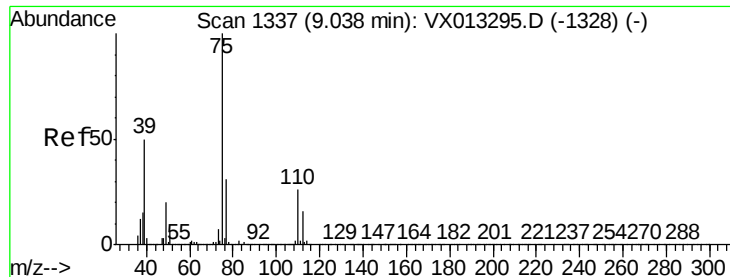
MMDadoda
11/4/2019 1:30:10 PM



#52
Toluene
Concen: 20.028 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion: 92 Resp: 357446
Ion Ratio Lower Upper
92 100
91 172.6 138.0 207.0





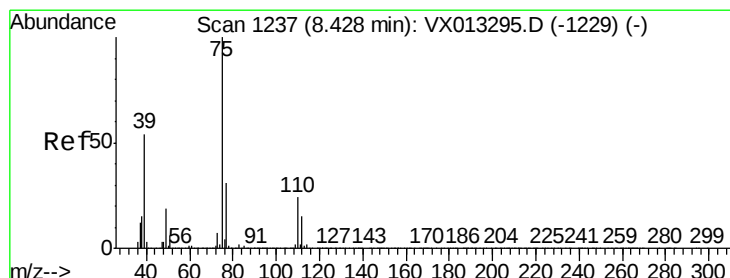
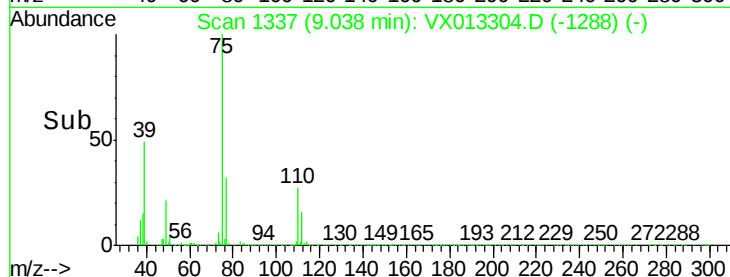
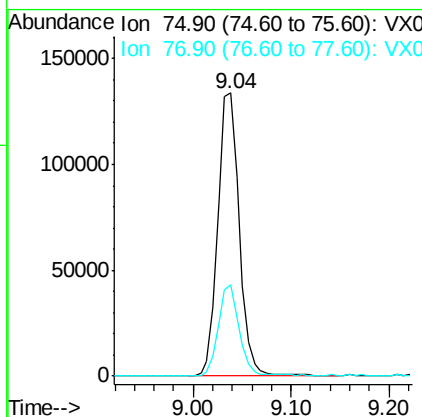
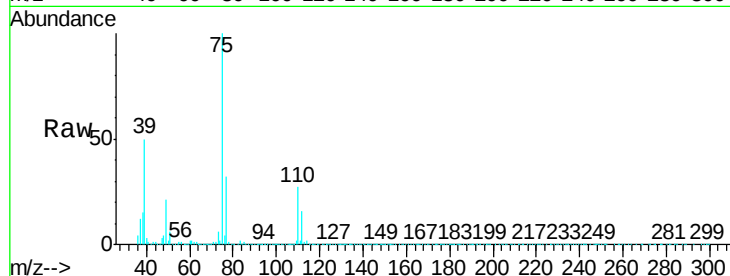
#53
t-1,3-Dichloropropene
Concen: 19.630 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion: 75 Resp: 202763
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

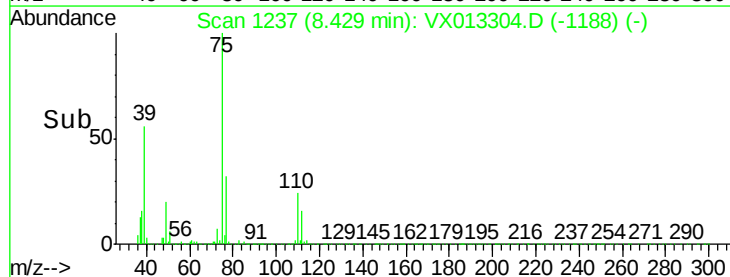
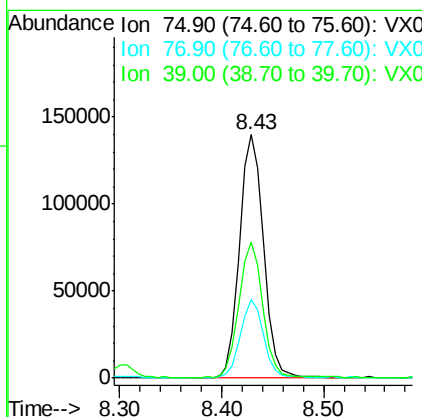
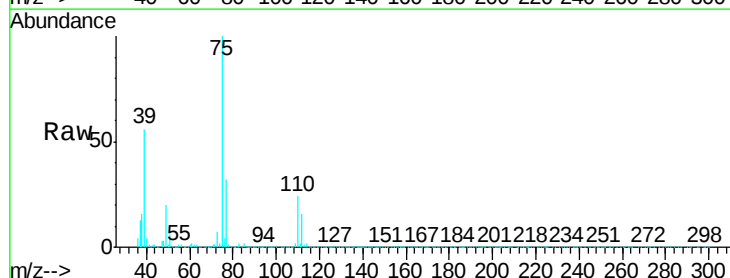
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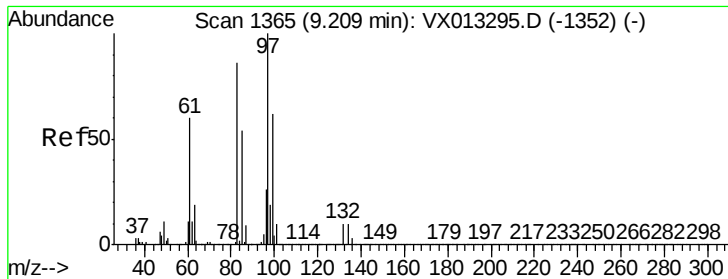
MMDadoda
11/4/2019 1:30:10 PM



#54
cis-1,3-Dichloropropene
Concen: 19.674 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion: 75 Resp: 227323
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 55.7 43.0 64.6





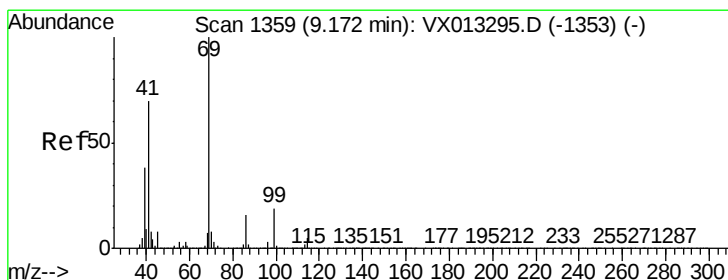
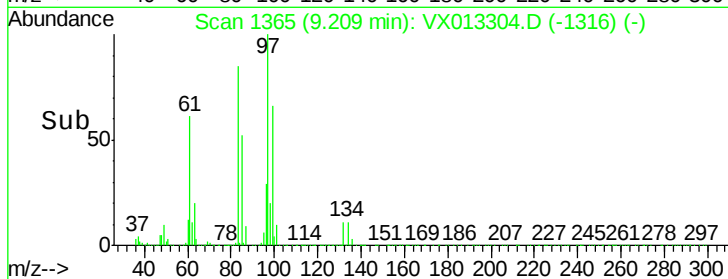
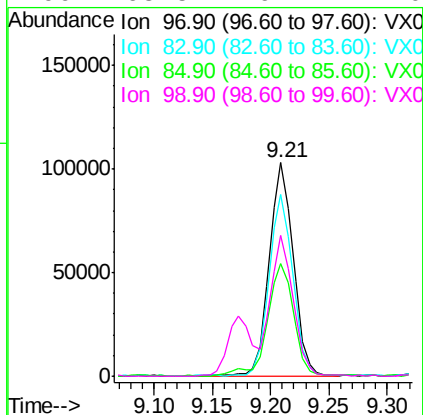
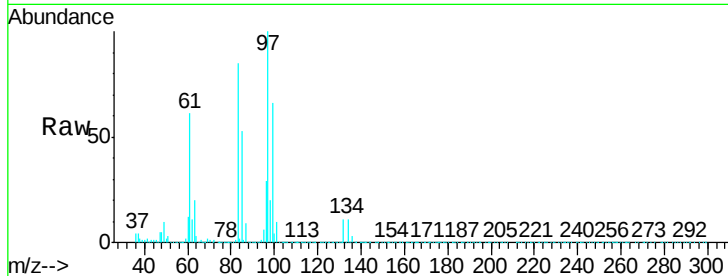
#55
 1,1,2-Trichloroethane
 Concen: 19.933 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	147454		
83	85.3	68.6	103.0	
85	52.1	43.1	64.7	
99	65.5	49.4	74.0	

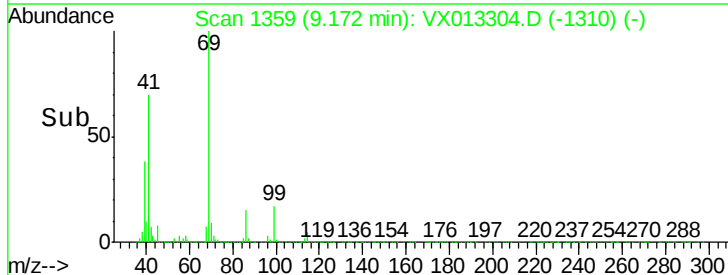
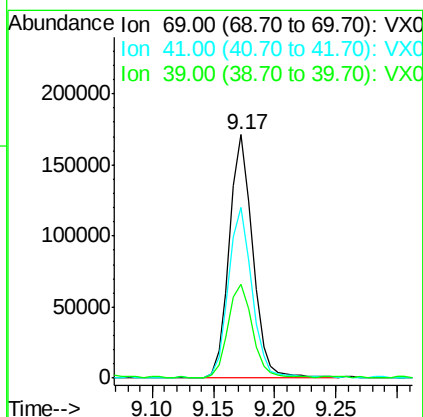
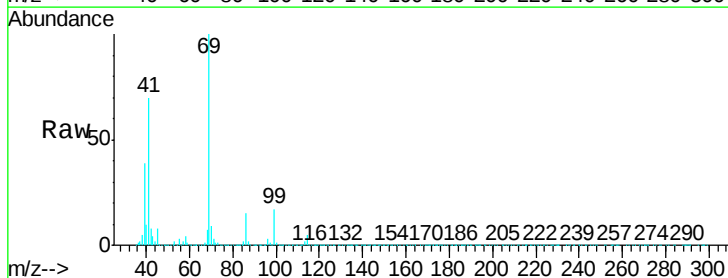
Manual Integrations
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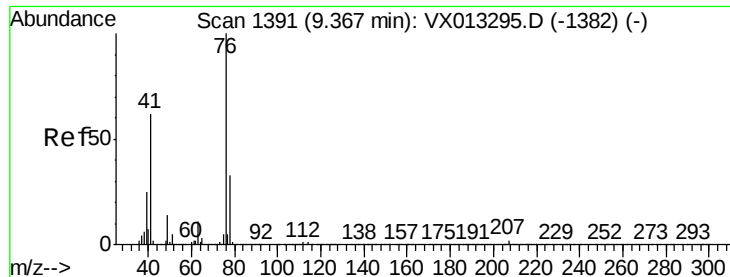
MMDadoda
 11/4/2019 1:30:10 PM



#56
 Ethyl methacrylate
 Concen: 18.851 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	225369		
41	70.5	56.2	84.2	
39	39.8	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 20.147 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 76 Resp: 252990

Ion Ratio Lower Upper

76 100

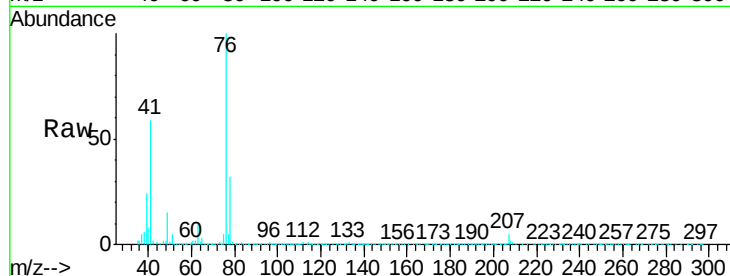
78 31.5 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

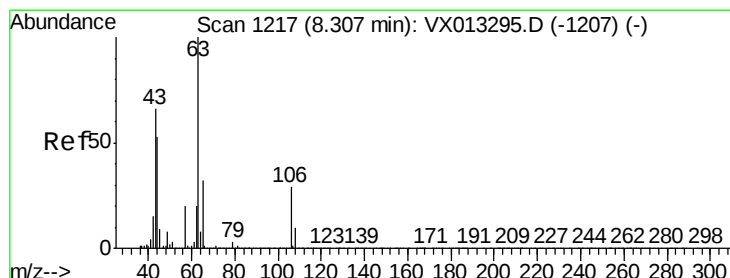
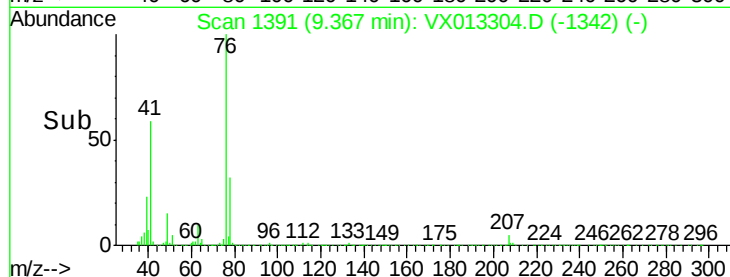
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.416 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013304.D

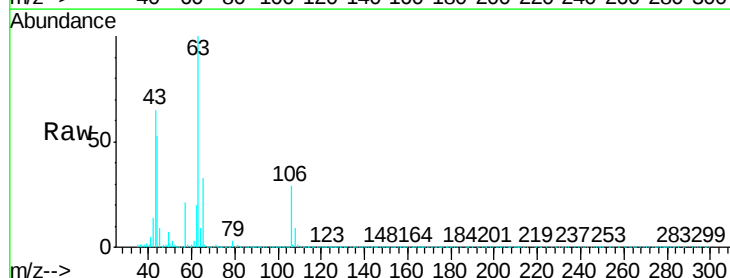
Acq: 01 Nov 2019 12:24

Tgt Ion: 63 Resp: 512960

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

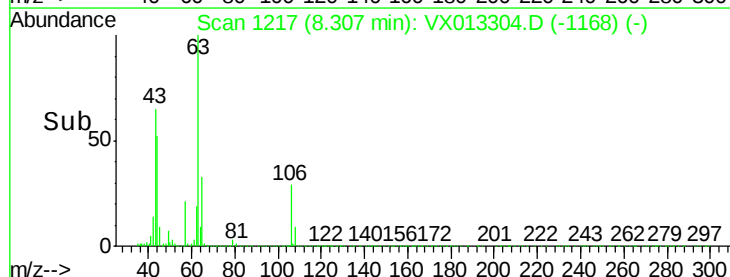
300000

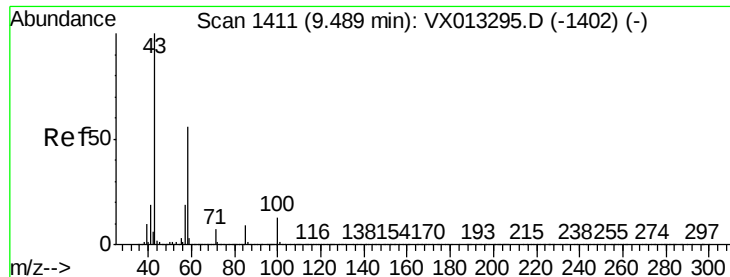
200000

100000

0

Time-->





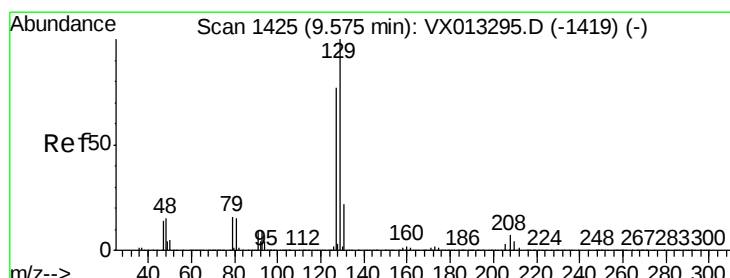
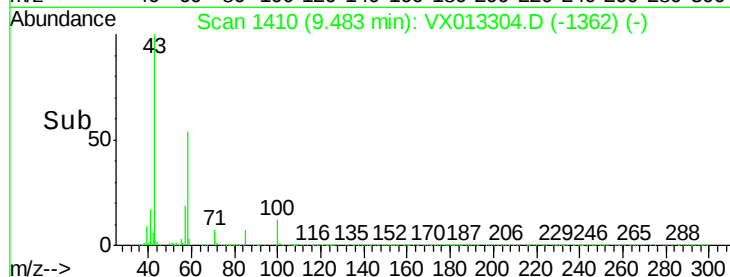
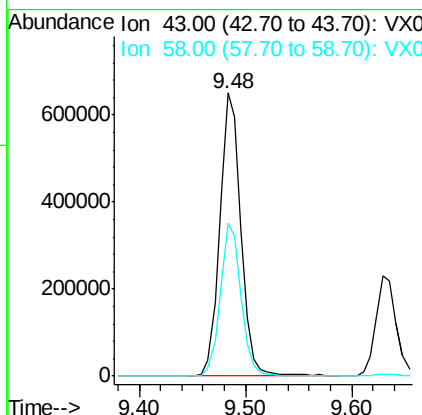
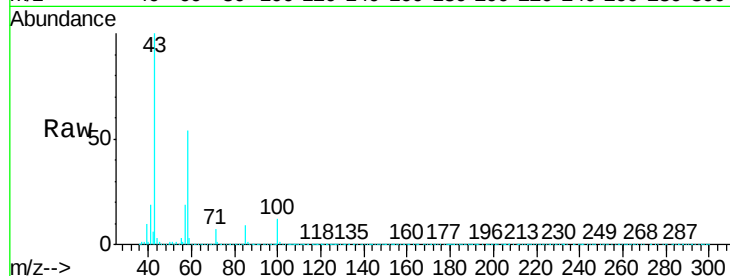
#59
2-Hexanone
Concen: 99.062 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion: 43 Resp: 893359
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8

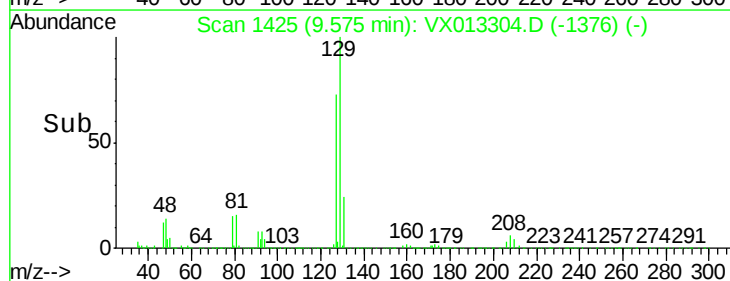
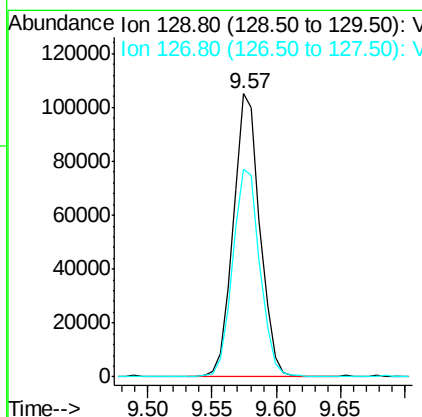
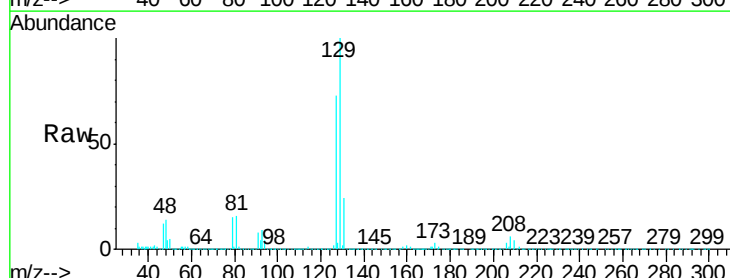
Manual Integrations
APPROVED

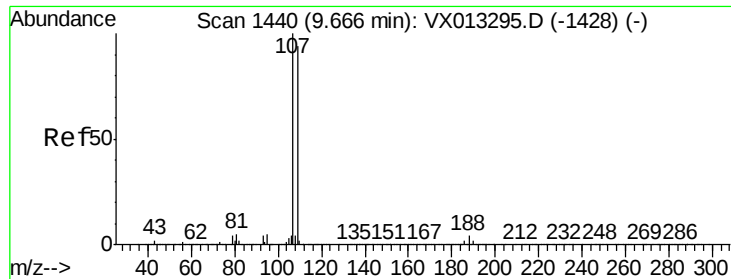
MMDadoda
11/4/2019 1:30:10 PM



#60
Dibromochloromethane
Concen: 19.914 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion: 129 Resp: 150661
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.2





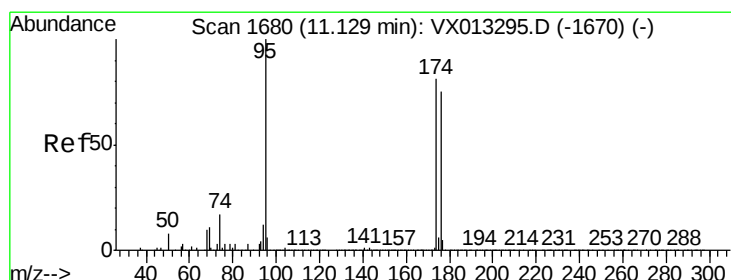
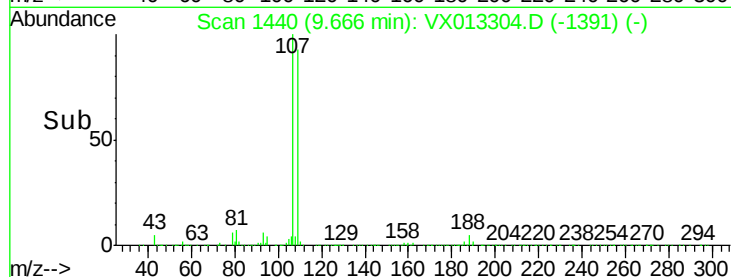
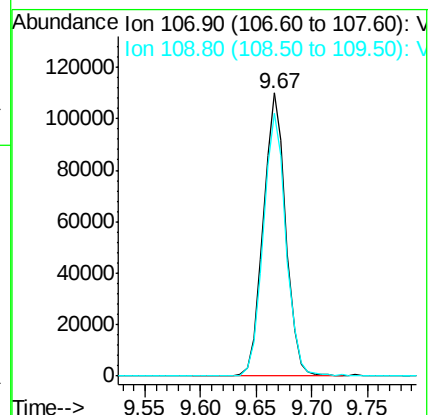
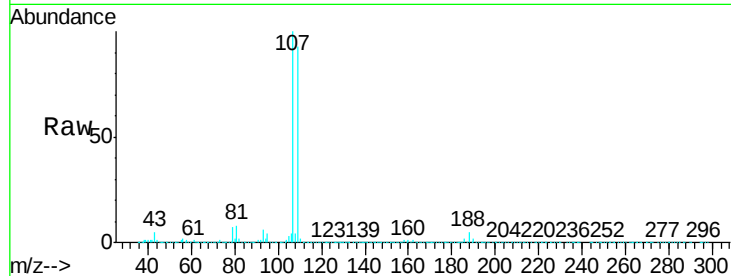
#61
 1,2-Dibromoethane
 Concen: 19.844 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	155874		
109	92.7	75.1	112.7	

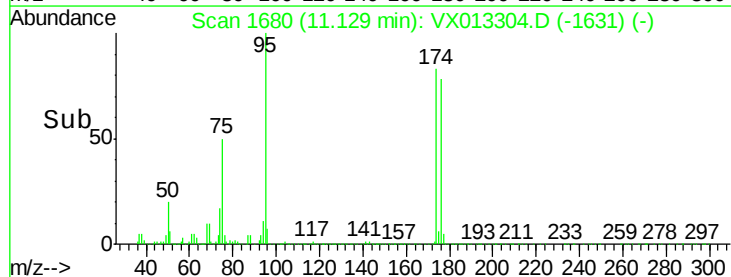
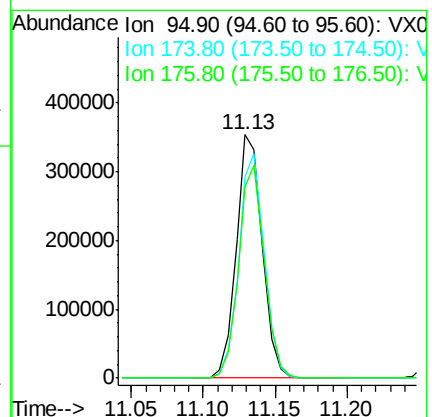
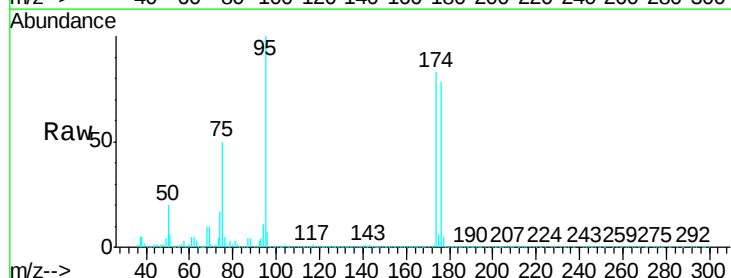
Manual Integrations
 APPROVED

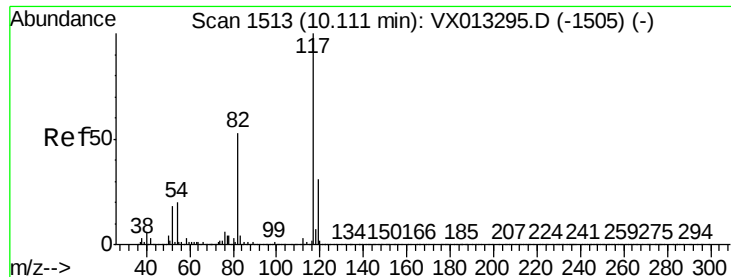
MMDadoda
 11/4/2019 1:30:10 PM



#62
 4-Bromofluorobenzene
 Concen: 48.676 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	447606		
174	90.1	0.0	179.8	
176	86.1	0.0	173.0	





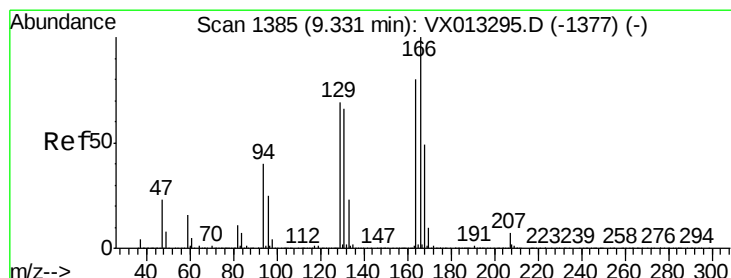
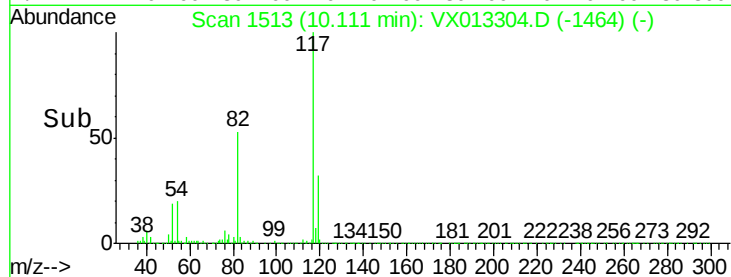
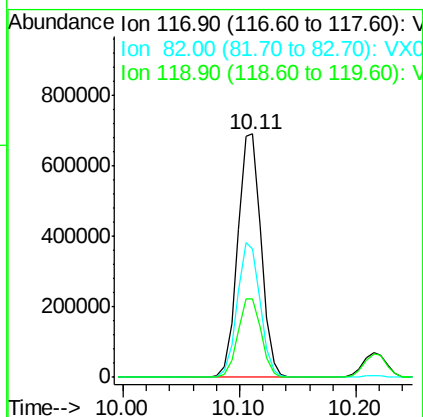
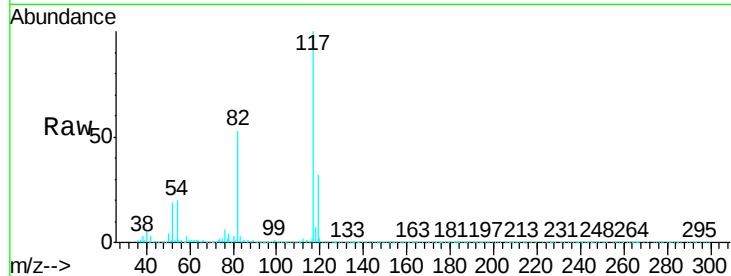
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.7	42.6	64.0
119	32.2	24.8	37.2

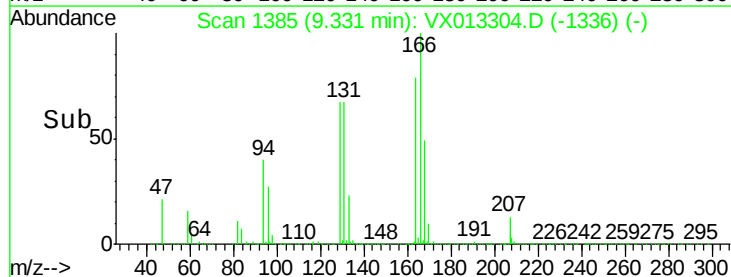
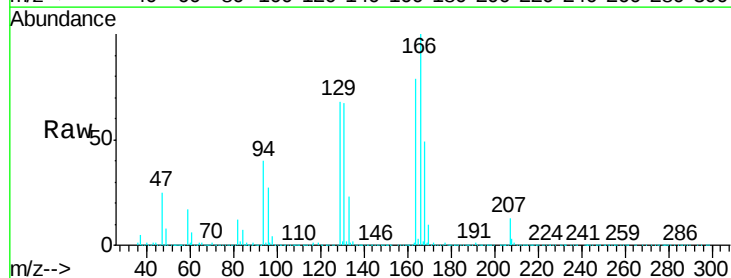
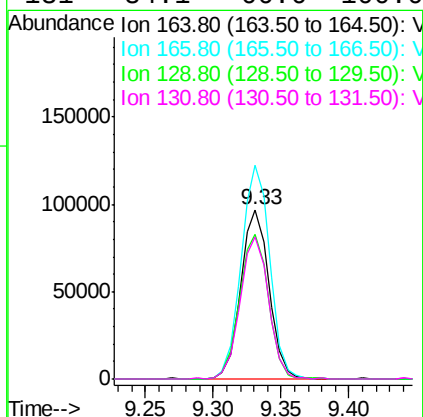
Manual Integrations
APPROVED

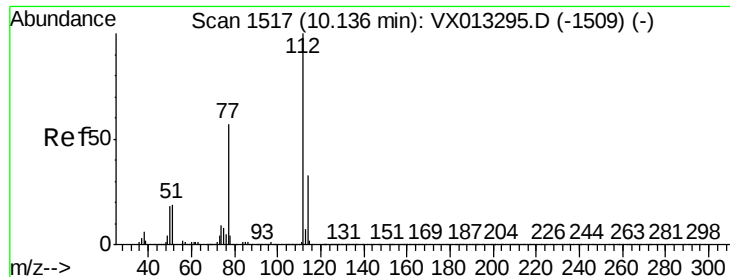
MMDadoda
11/4/2019 1:30:10 PM



#64
Tetrachloroethene
Concen: 20.390 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.1	100.4	150.6
129	85.2	69.4	104.2
131	84.1	66.6	100.0





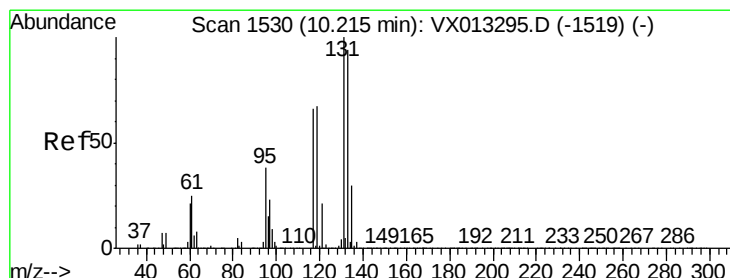
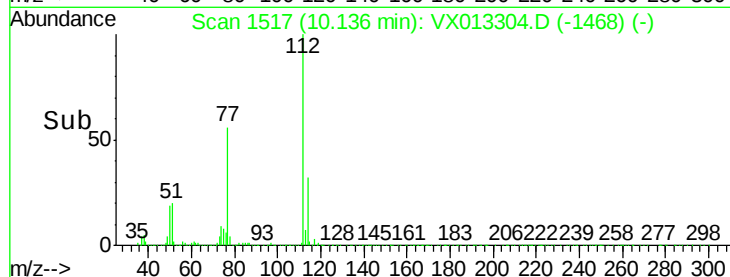
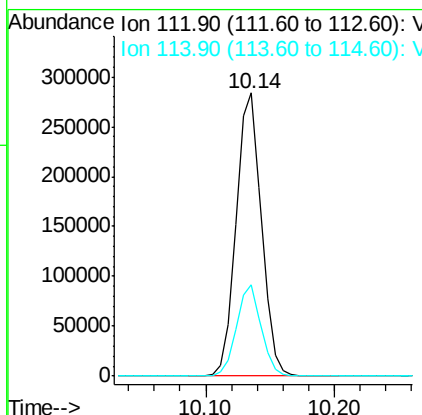
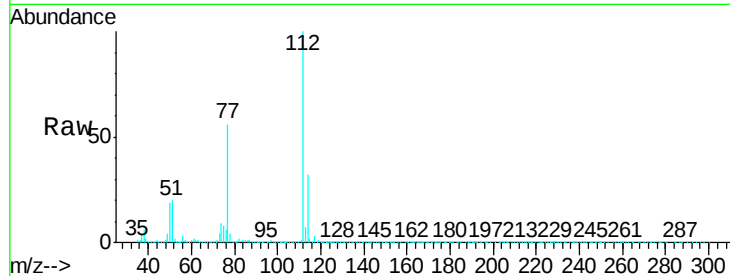
#65
Chlorobenzene
Concen: 19.830 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	387698		
114	32.4	26.4	39.6	

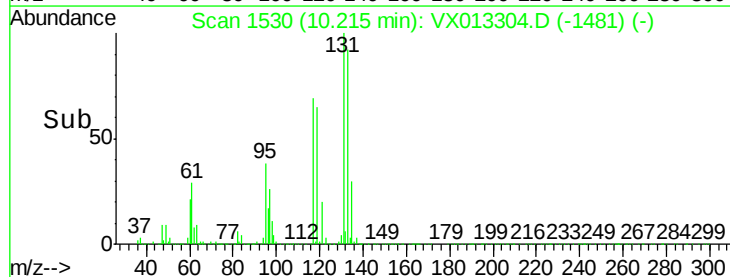
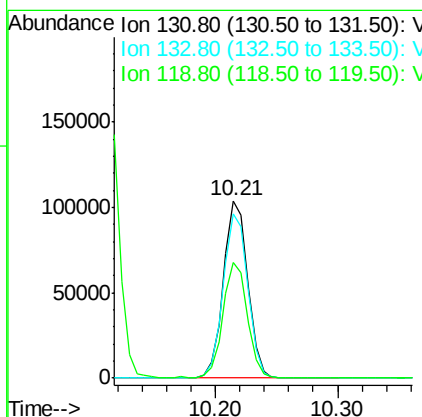
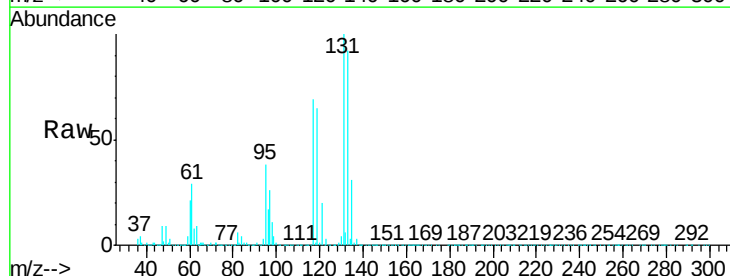
Manual Integrations
APPROVED

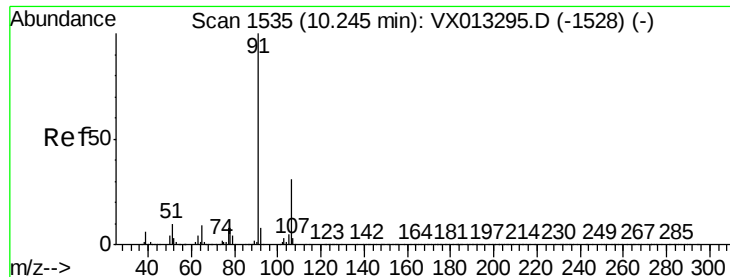
MMDadoda
11/4/2019 1:30:10 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.884 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	142737		
133	94.0	48.0	144.0	
119	64.7	33.0	99.0	





#67

Ethyl Benzene

Concen: 20.043 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 91 Resp: 676297

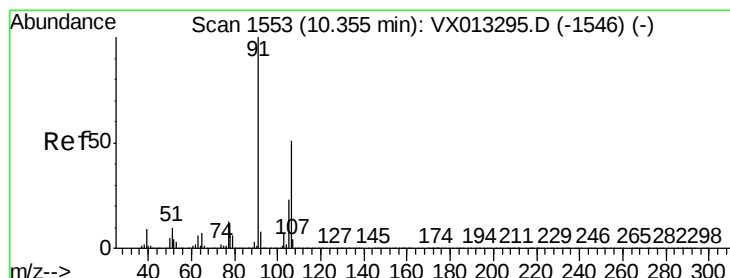
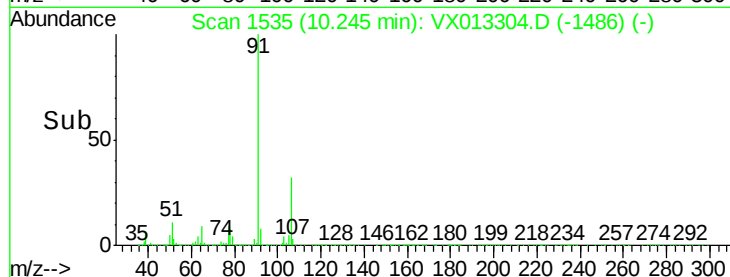
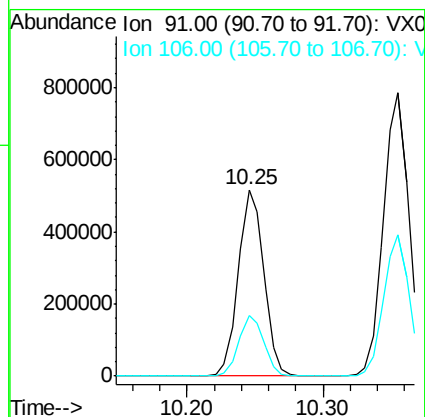
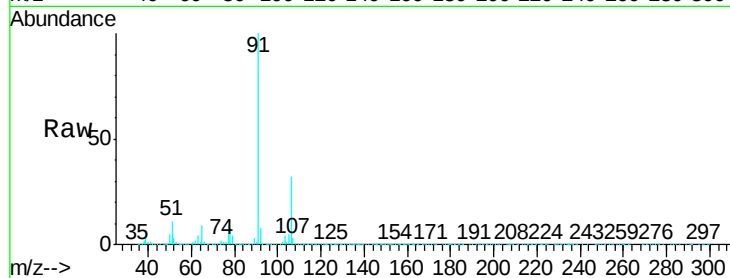
Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8

Manual Integrations
APPROVED

MMDadoda
11/4/2019 1:30:10 PM



#68

m/p-Xylenes

Concen: 40.334 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013304.D

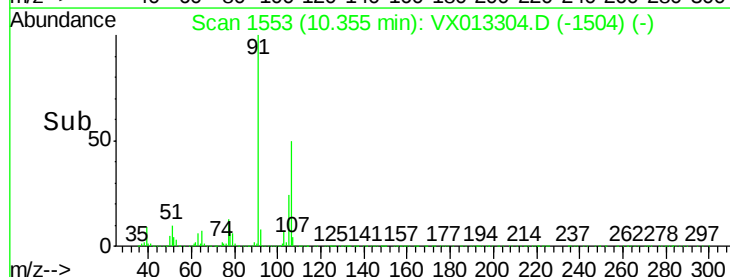
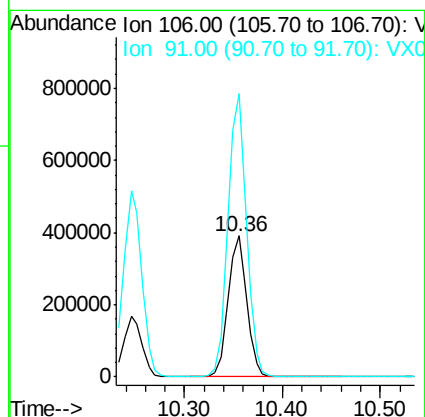
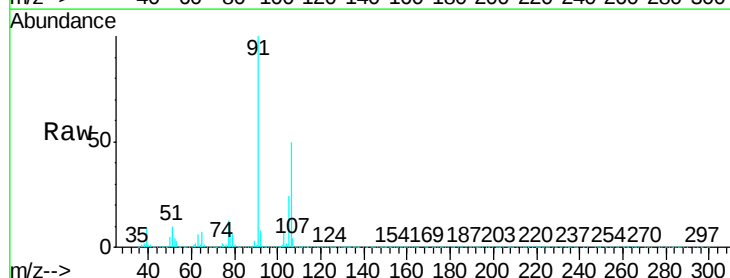
Acq: 01 Nov 2019 12:24

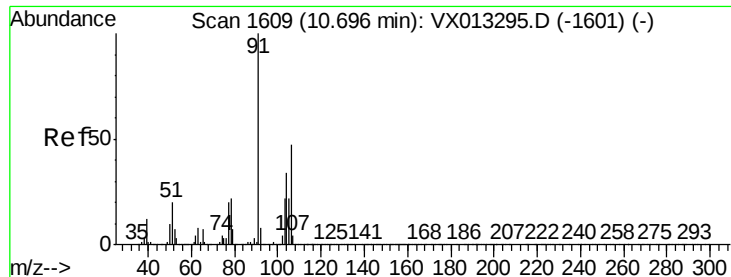
Tgt Ion: 106 Resp: 514706

Ion Ratio Lower Upper

106 100

91 200.1 159.3 238.9





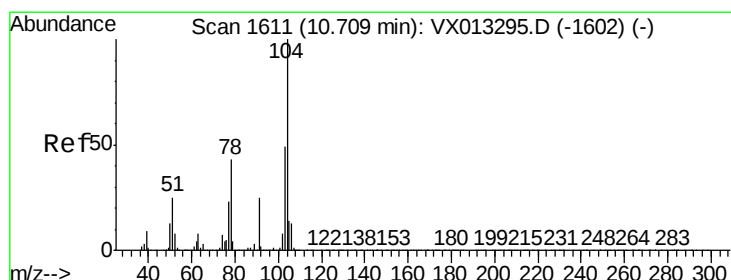
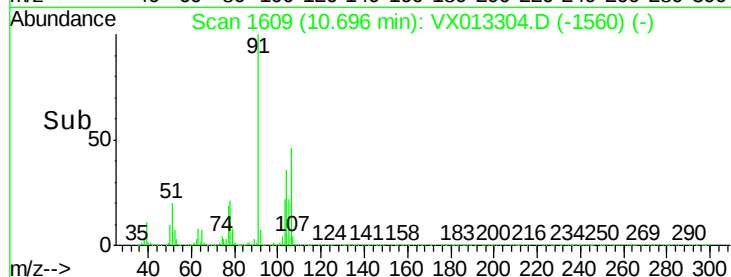
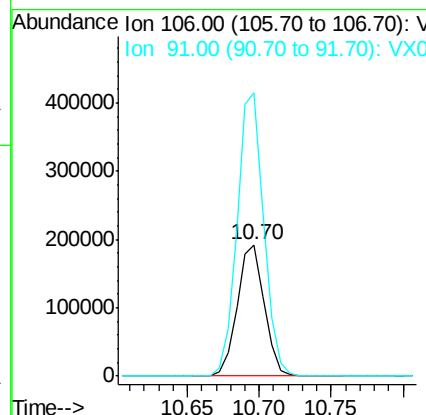
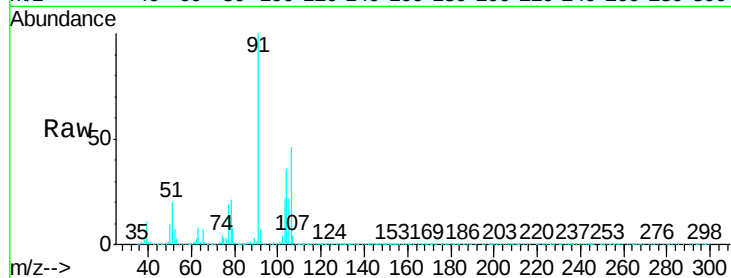
#69
o-Xylene
Concen: 20.144 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	251664		
91	213.5	105.7	317.0	

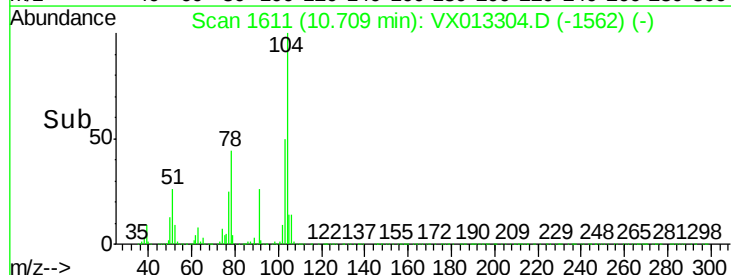
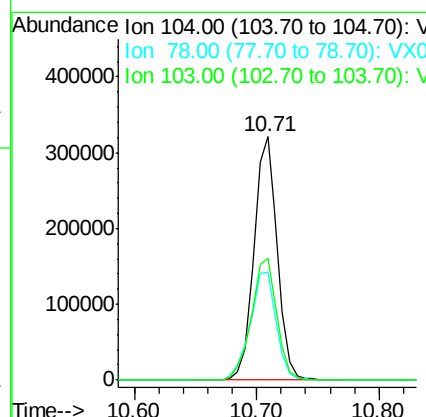
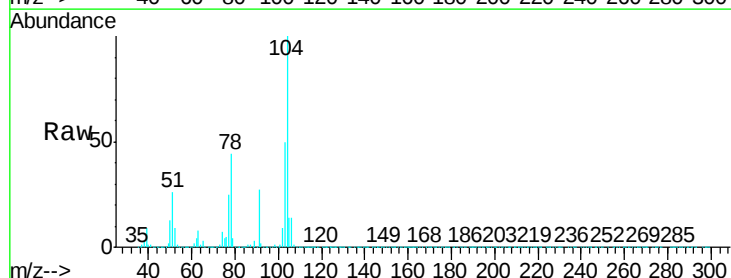
Manual Integrations
APPROVED

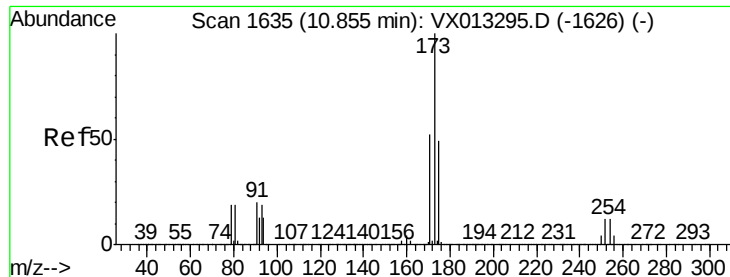
MMDadoda
11/4/2019 1:30:10 PM



#70
Styrene
Concen: 20.359 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	425179		
78	49.7	40.0	60.0	
103	54.8	44.1	66.1	





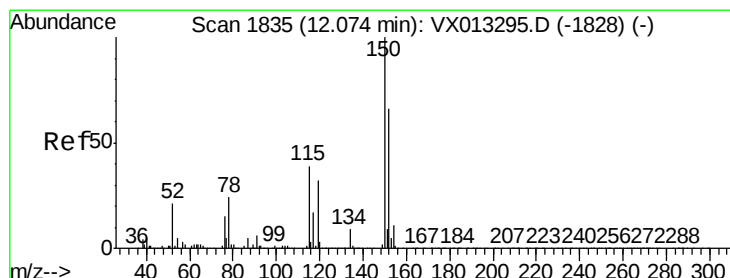
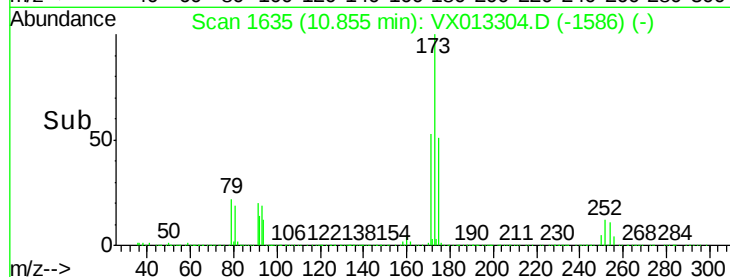
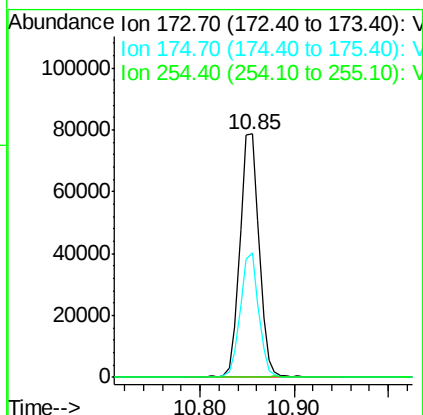
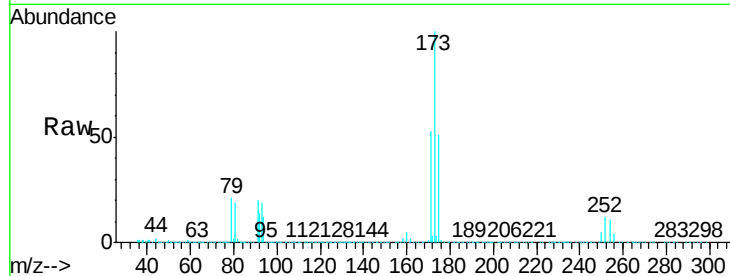
#71
Bromoform
Concen: 18.951 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampled :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	111991		
175	48.0	24.8	74.4	
254	0.0	0.2	0.2#	

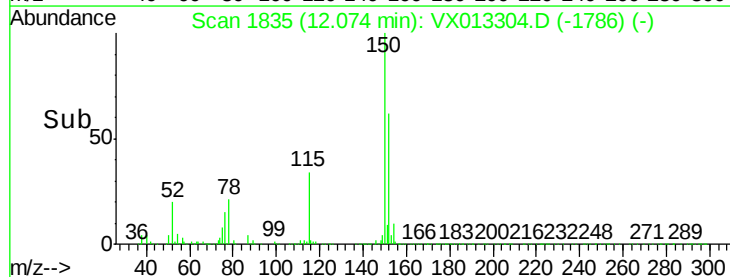
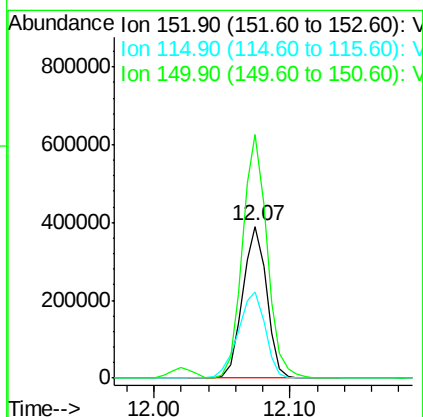
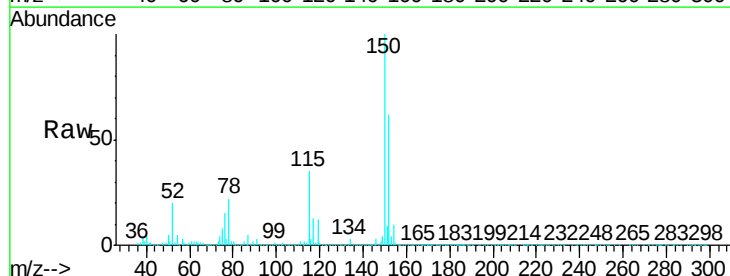
Manual Integrations
APPROVED

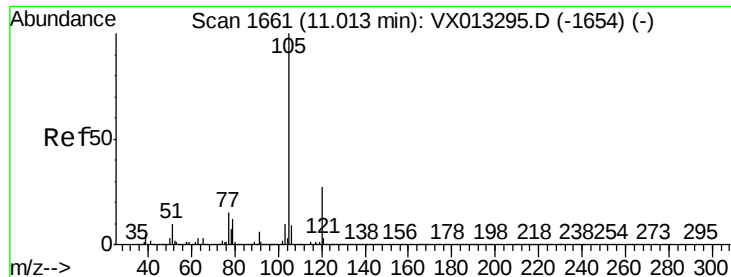
MMDadoda
11/4/2019 1:30:10 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	478722		
115	63.9	39.5	118.3	
150	164.6	0.0	344.4	





#73

Isopropylbenzene

Concen: 21.123 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 105 Resp: 670455

Ion Ratio Lower Upper

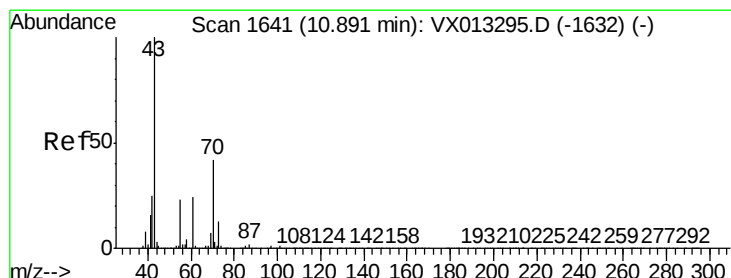
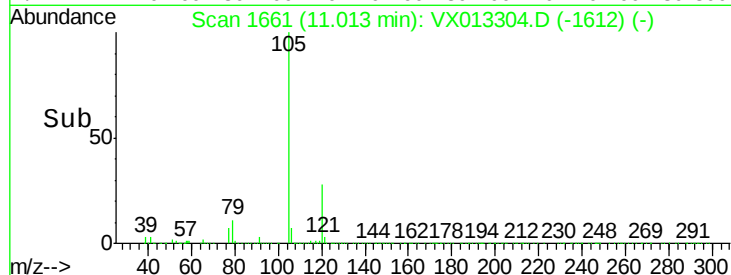
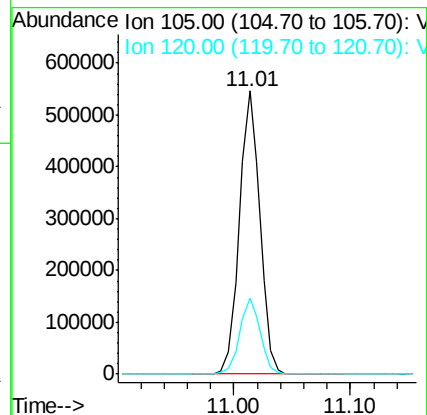
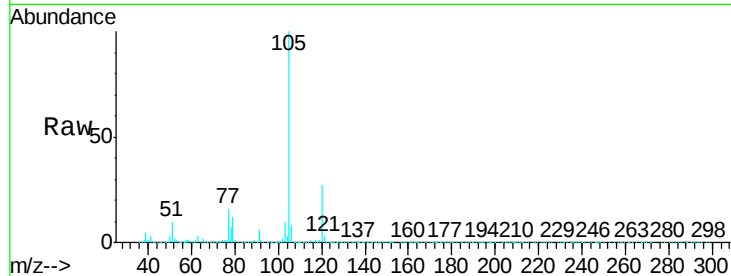
105 100

120 26.9

13.5 40.5

Manual Integrations
APPROVED

MMDadoda
11/4/2019 1:30:10 PM



#74

N-ethyl acetate

Concen: 20.996 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion: 43 Resp: 309038

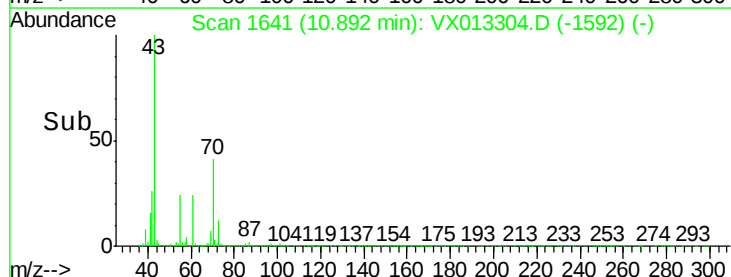
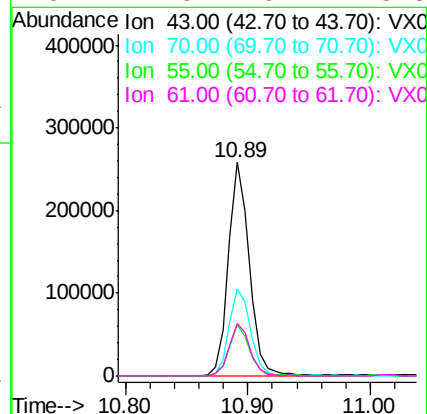
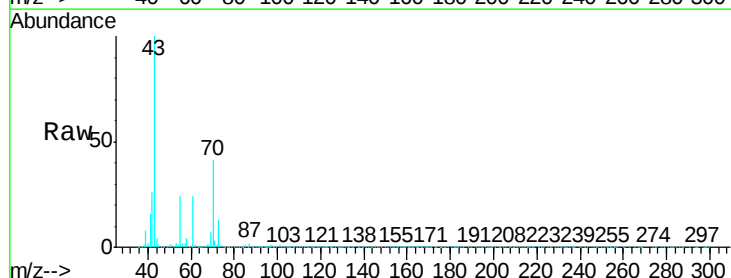
Ion Ratio Lower Upper

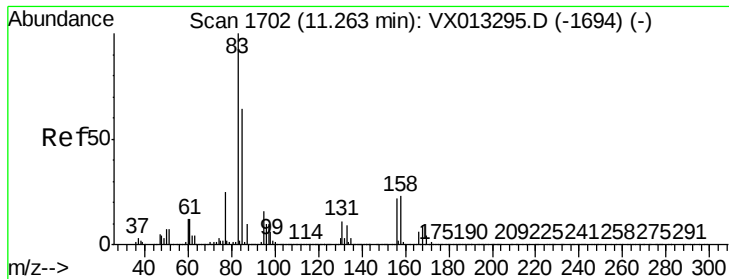
43 100

70 41.5 34.1 51.1

55 23.3 18.9 28.3

61 24.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.251 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

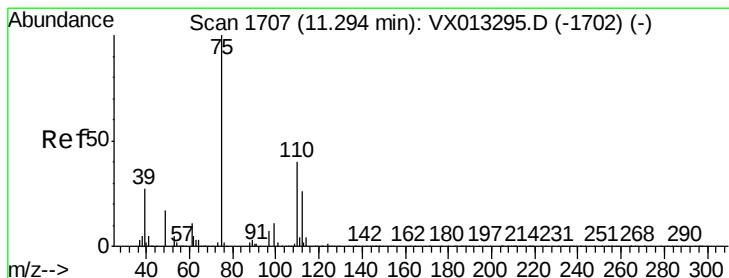
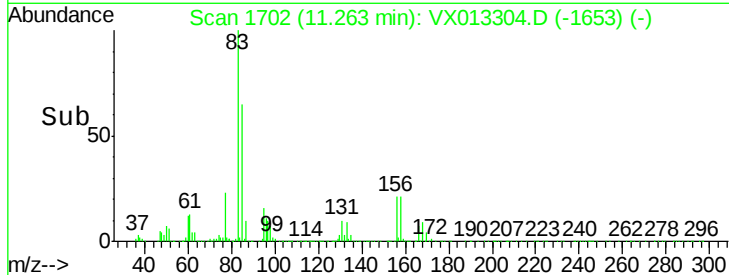
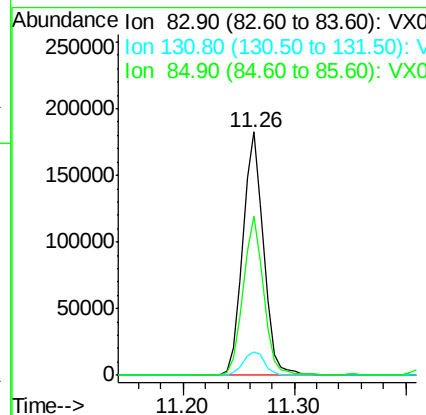
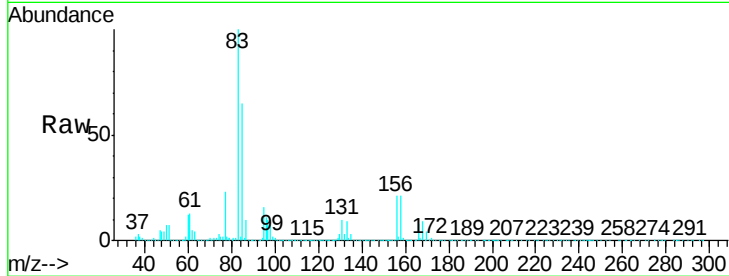
ClientSampleId :

VX1101WBS01

Tgt Ion:	83	Resp:	234493
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.9	32.3	96.8

Manual Integrations
APPROVED

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11/4/2019 1:30:10 PM



#76

1,2,3-Trichloropropane

Concen: 19.610 ug/l m

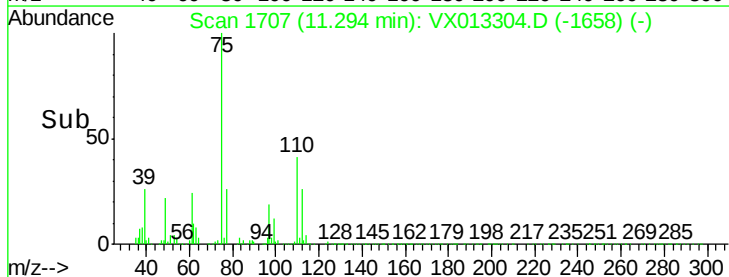
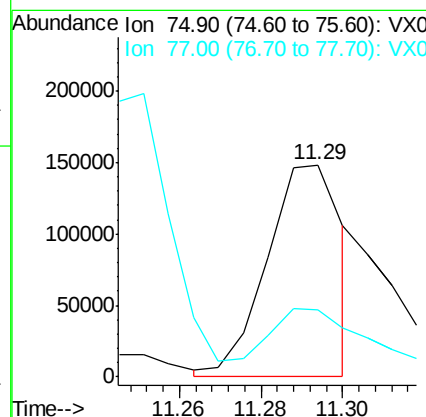
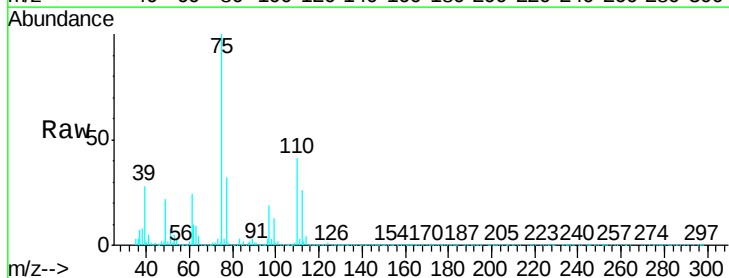
RT: 11.29 min Scan# 1707

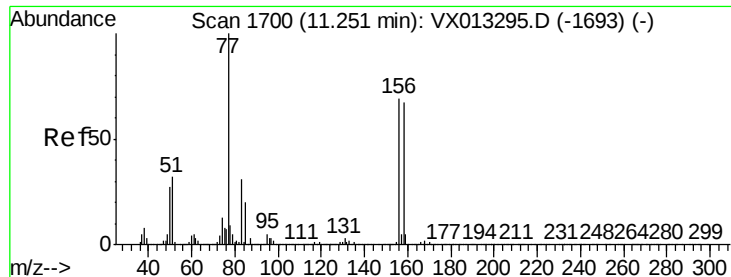
Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion:	75	Resp:	190675
Ion Ratio	Lower	Upper	
75	100		
77	45.0	22.3	66.8





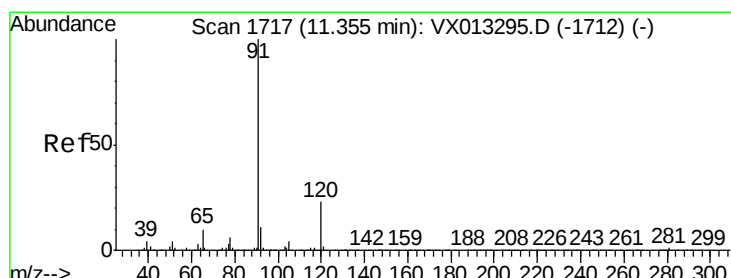
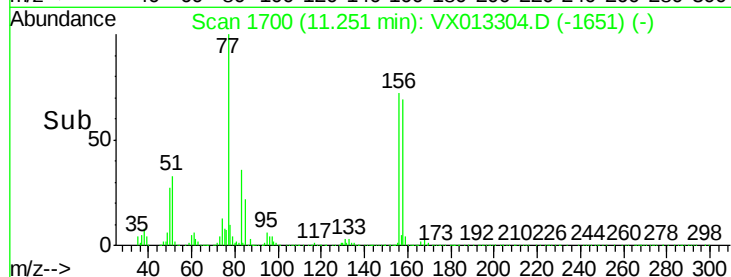
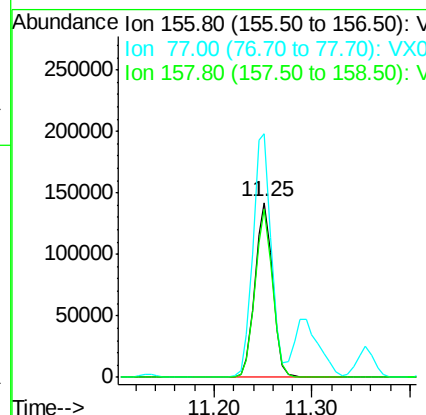
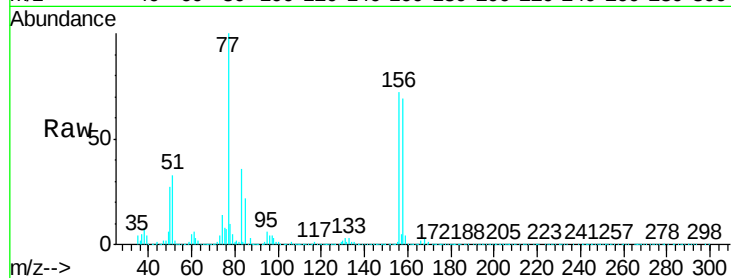
#77
Bromobenzene
Concen: 20.954 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	177300		
77	143.7	75.8	227.4	
158	95.6	47.6	142.8	

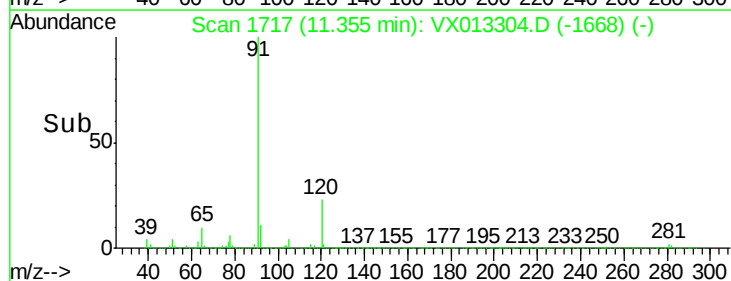
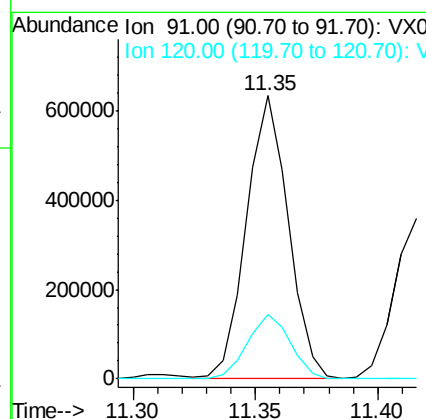
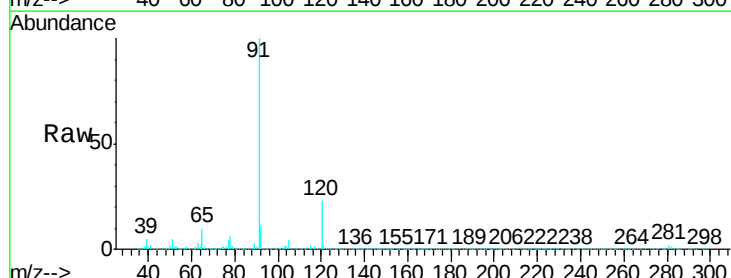
Manual Integrations
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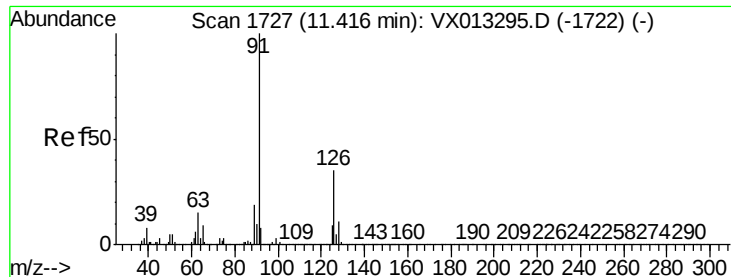
MMDadoda
11/4/2019 1:30:10 PM



#78
n-propylbenzene
Concen: 21.099 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	745970		
120	23.5	11.6	34.8	





#79

2-Chlorotoluene

Concen: 20.881 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS01

Tgt Ion: 91 Resp: 444813

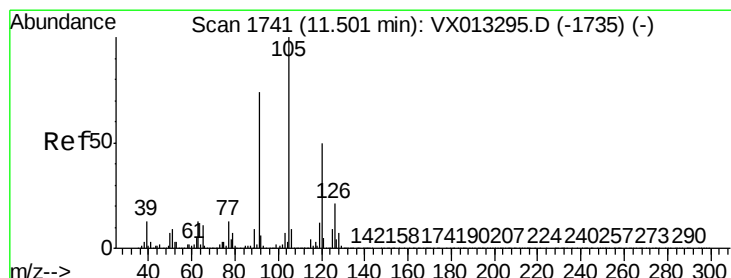
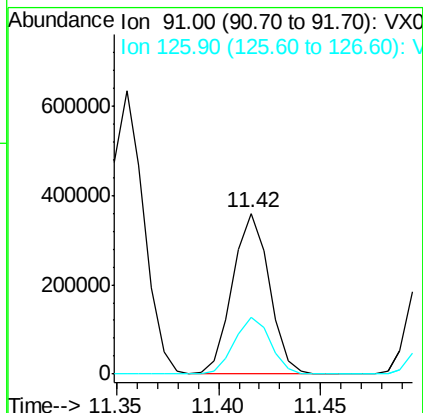
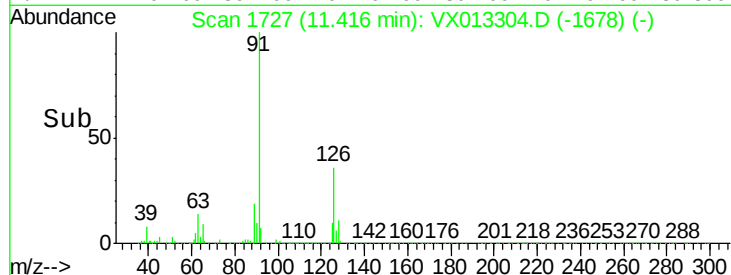
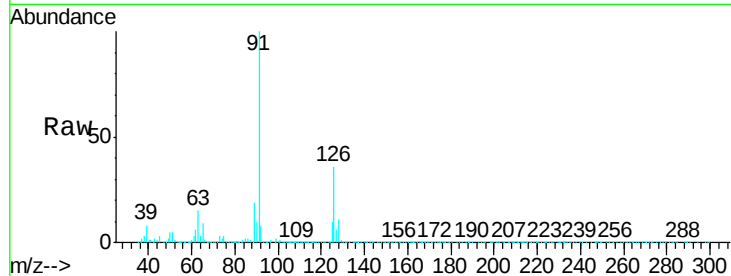
Ion Ratio Lower Upper

91 100

126 35.4 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.047 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013304.D

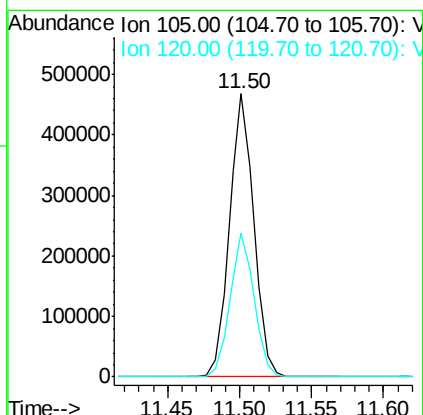
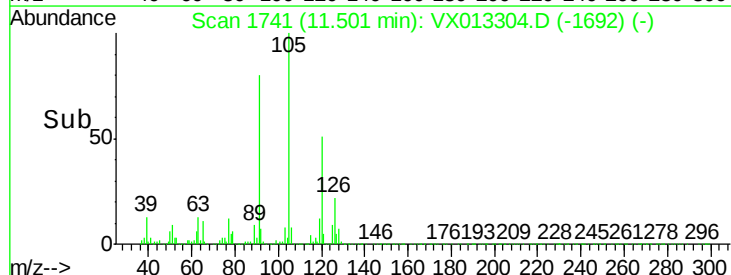
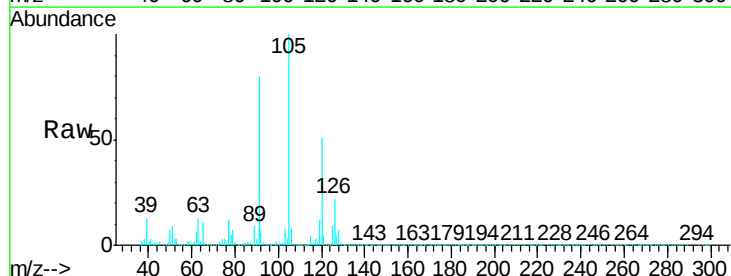
Acq: 01 Nov 2019 12:24

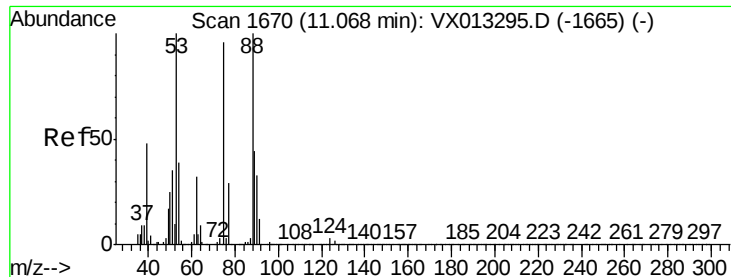
Tgt Ion: 105 Resp: 556423

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8





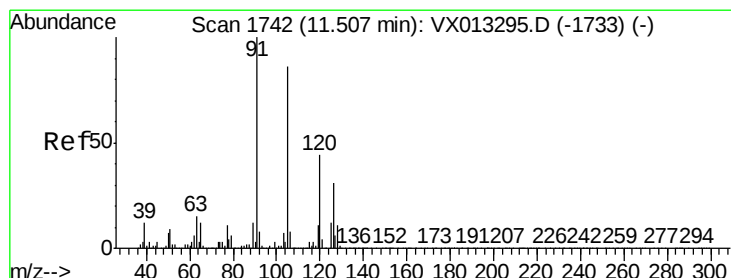
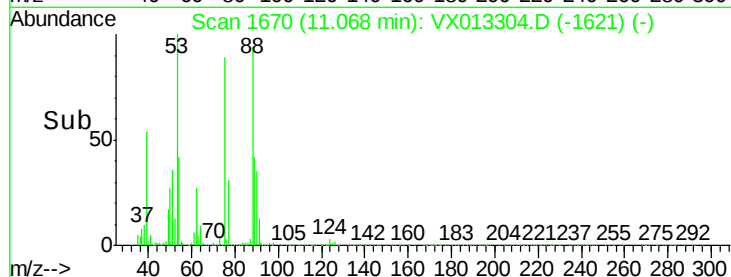
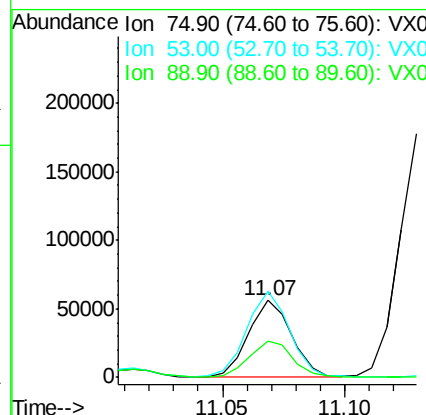
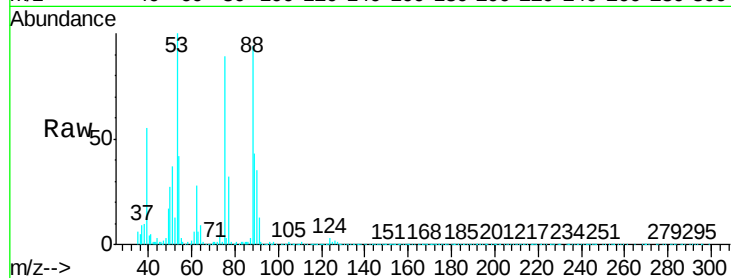
#81
trans-1,4-Dichloro-2-butene
Concen: 18.311 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.7	81.0	121.6
89	48.5	36.0	54.0

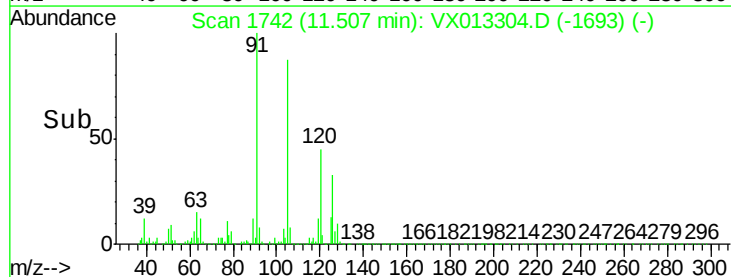
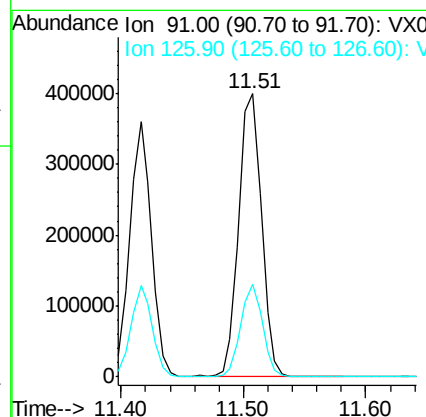
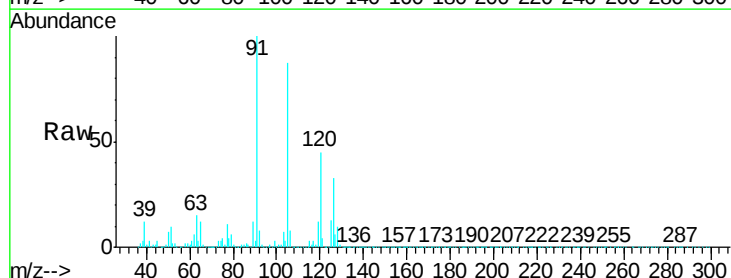
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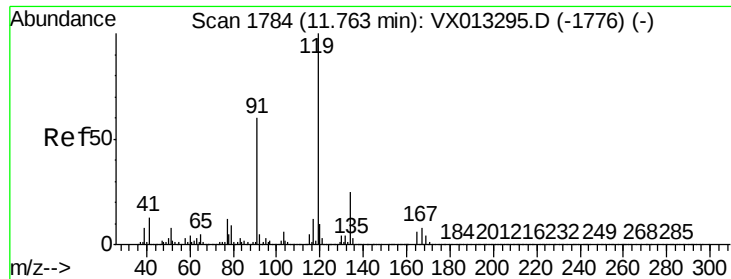
MMDadoda
11/4/2019 1:30:10 PM



#82
4-Chlorotoluene
Concen: 20.537 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.3	45.8





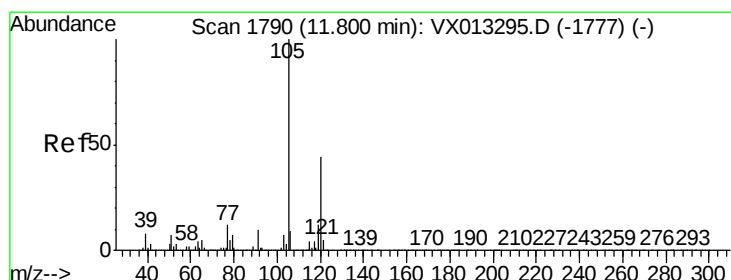
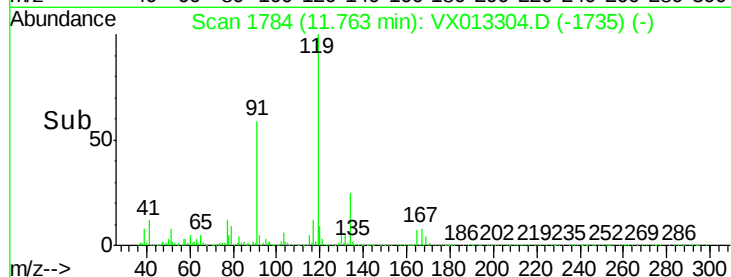
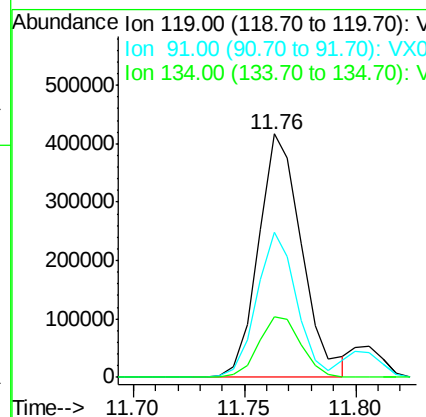
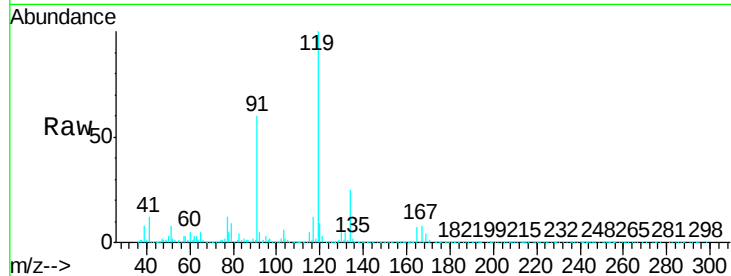
#83
tert-Butylbenzene
Concen: 21.178 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.7	26.9	80.7
134	24.1	11.7	35.1

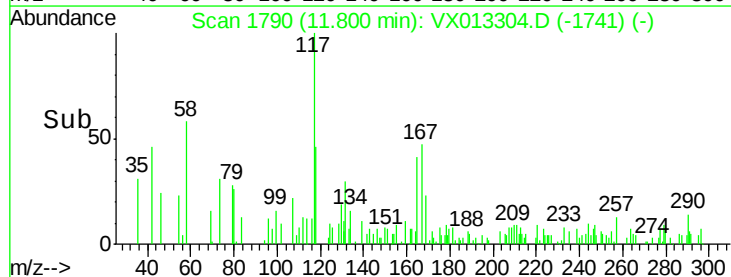
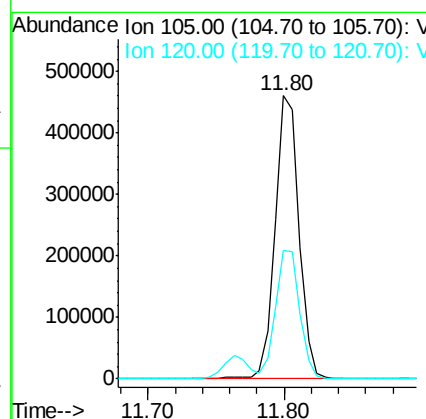
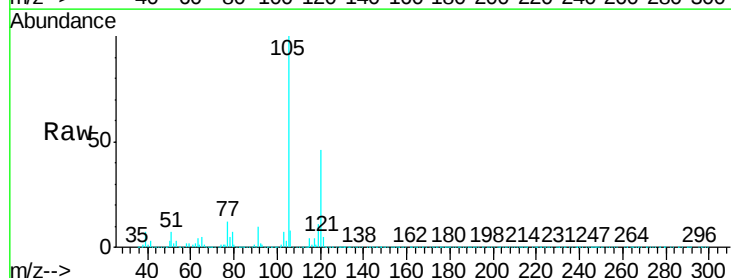
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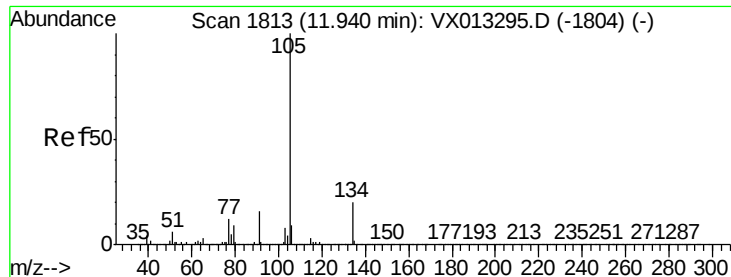
MMDadoda
11/4/2019 1:30:10 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.251 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1





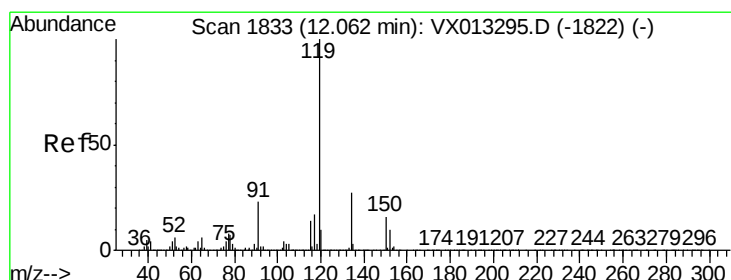
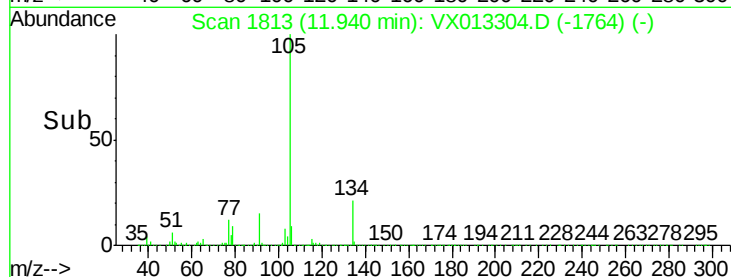
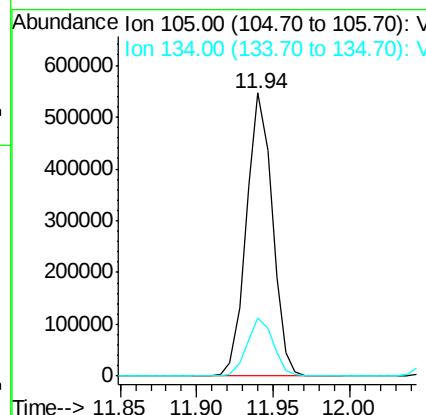
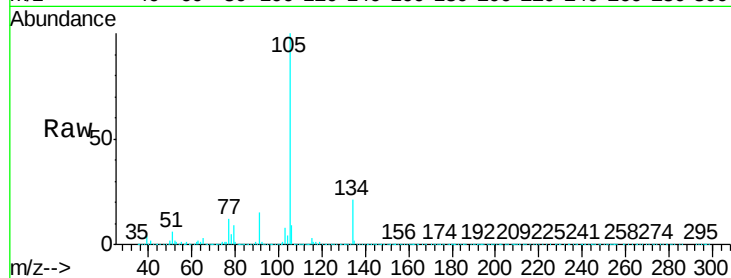
#85
 sec-Butylbenzene
 Concen: 20.996 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	642198		
134	20.9	10.3	30.9	

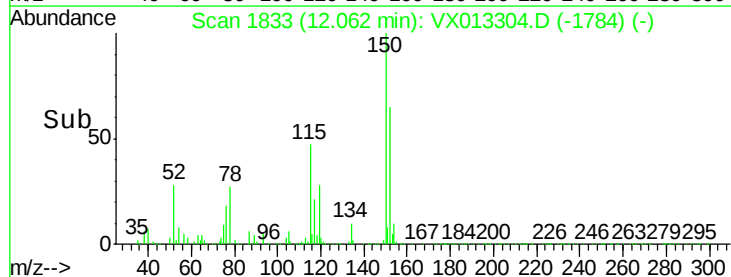
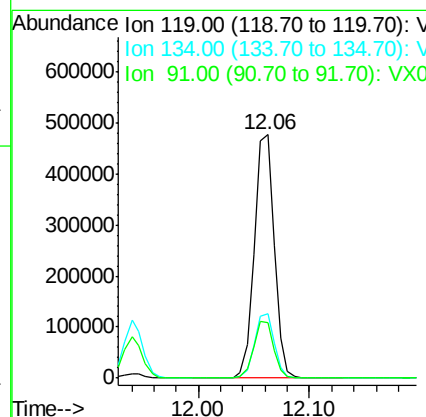
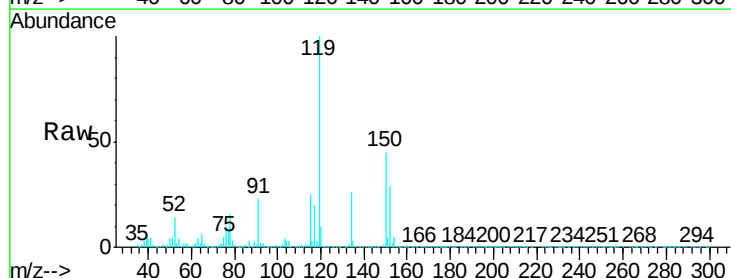
Manual Integrations
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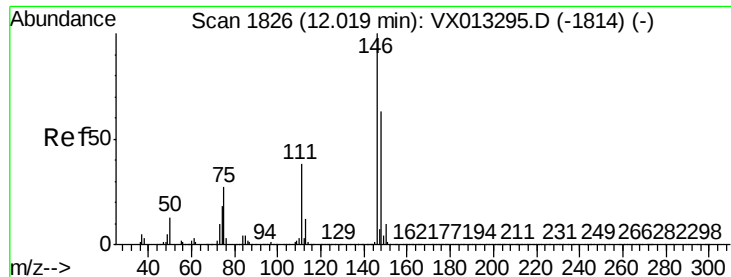
MMDadoda
 11/4/2019 1:30:10 PM



#86
 p-Isopropyltoluene
 Concen: 21.081 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	593753		
134	26.0	13.3	39.8	
91	23.2	11.5	34.4	





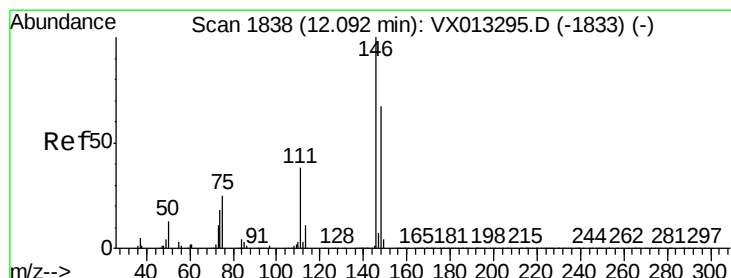
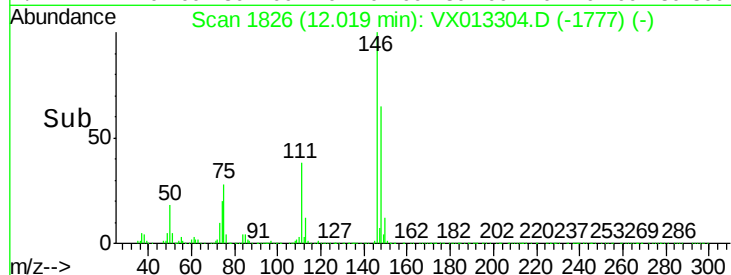
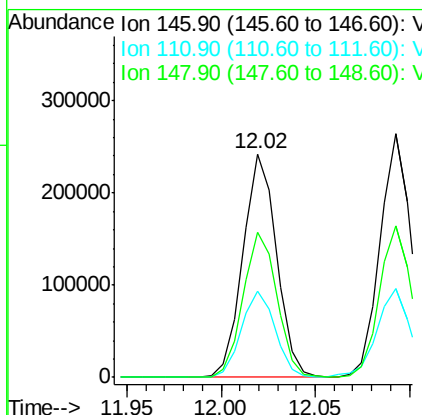
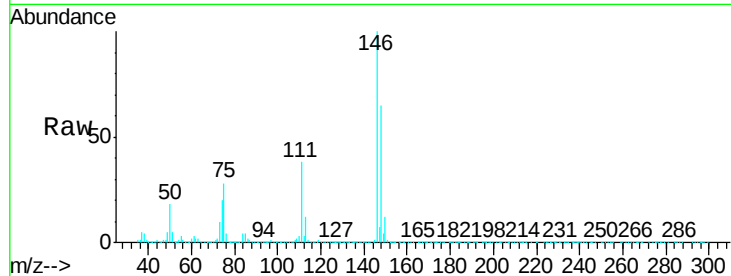
#87
1,3-Dichlorobenzene
Concen: 19.909 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	38.8	18.9	56.5
148	65.5	31.9	95.7

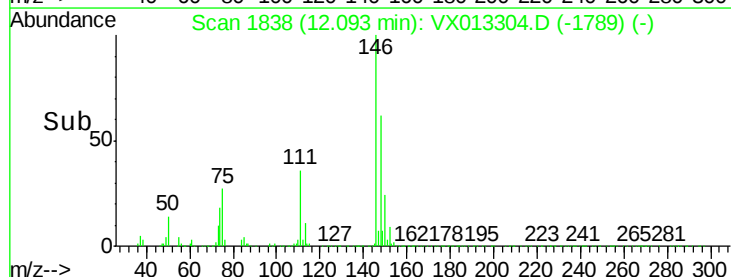
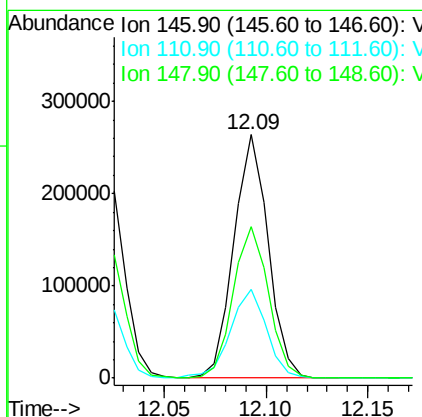
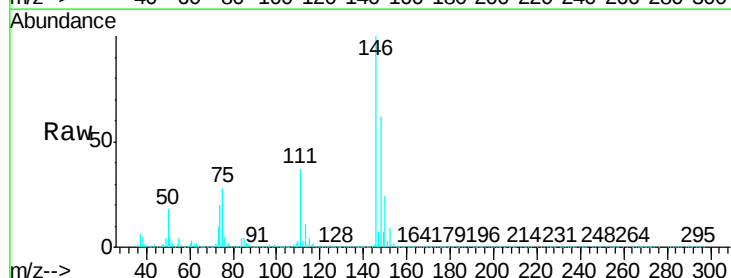
Manual Integrations
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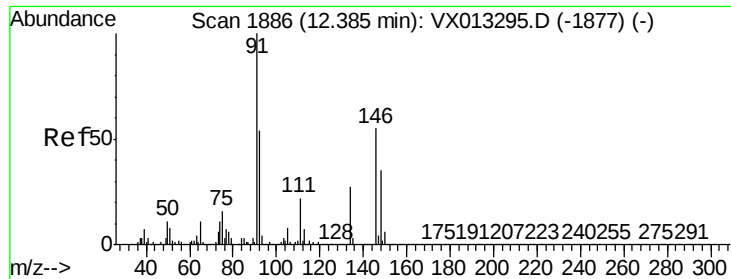
MMDadoda
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#88
1,4-Dichlorobenzene
Concen: 19.977 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	38.6	18.8	56.4
148	64.6	32.4	97.0





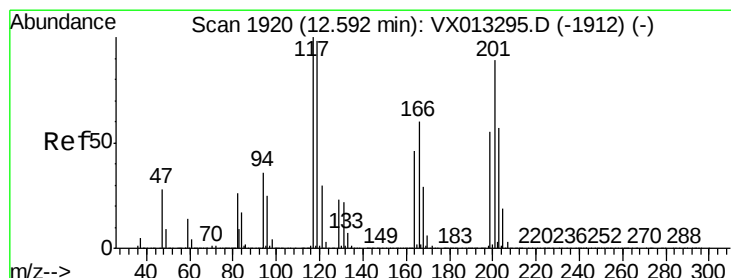
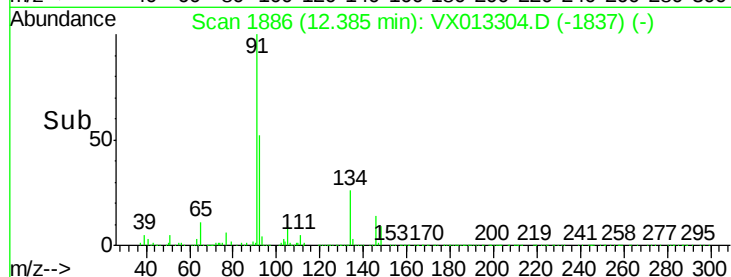
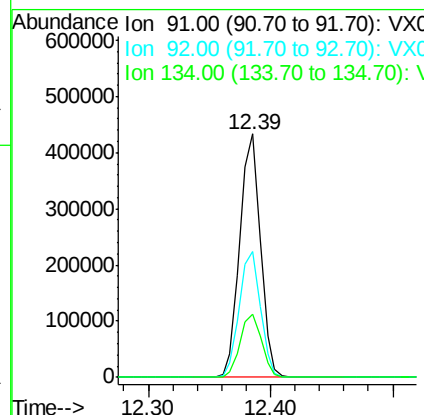
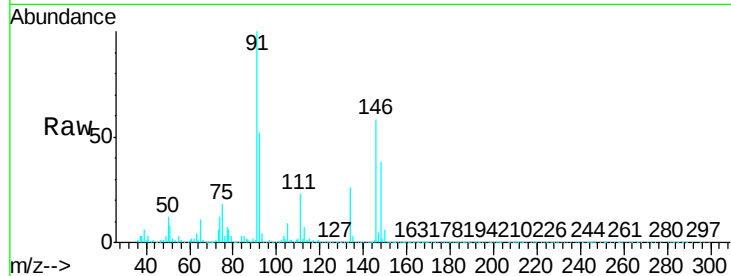
#89
n-Butylbenzene
Concen: 20.430 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
92	53.3	27.3	81.8
134	26.8	13.5	40.5

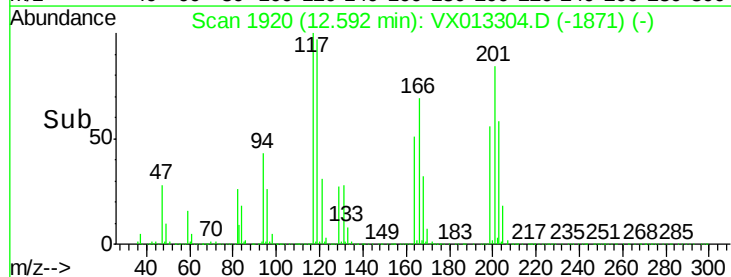
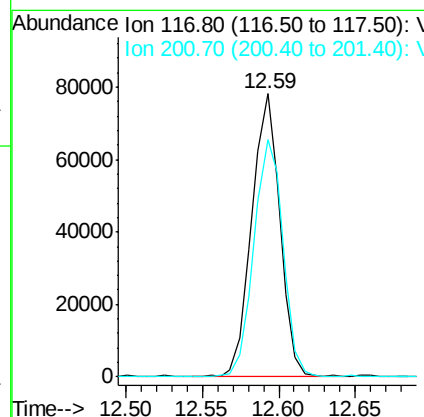
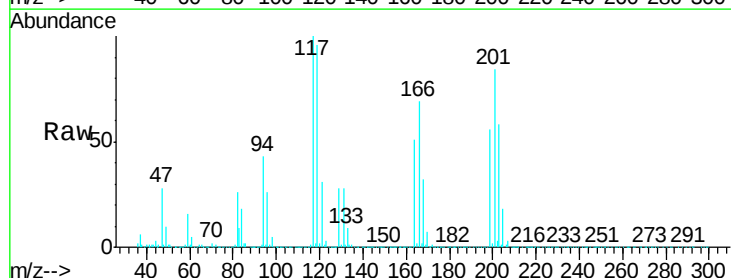
Manual Integrations
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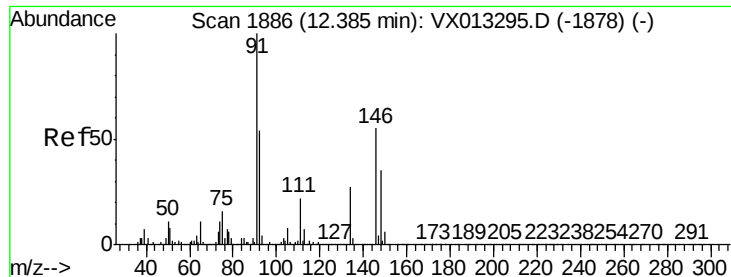
MMDadoda
11/4/2019 1:30:10 PM



#90
Hexachloroethane
Concen: 19.894 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
201	87.1	43.9	131.7





#91

1,2-Dichlorobenzene

Concen: 20.634 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

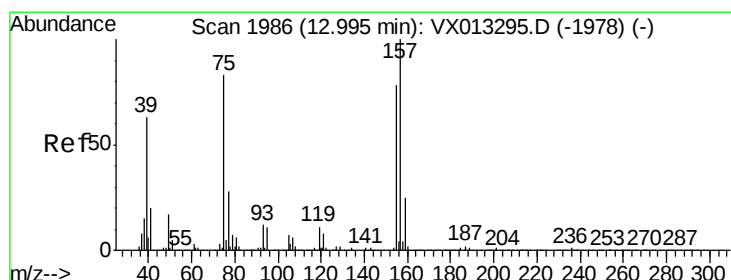
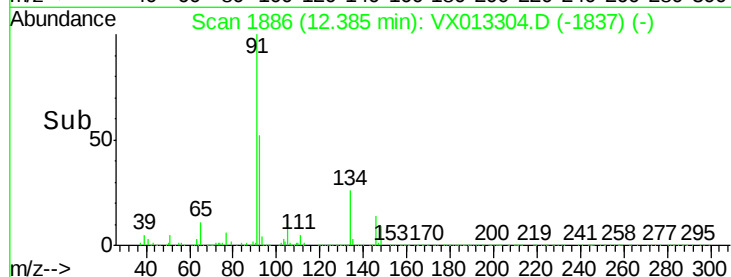
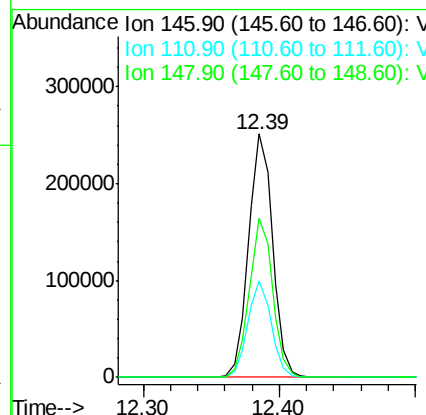
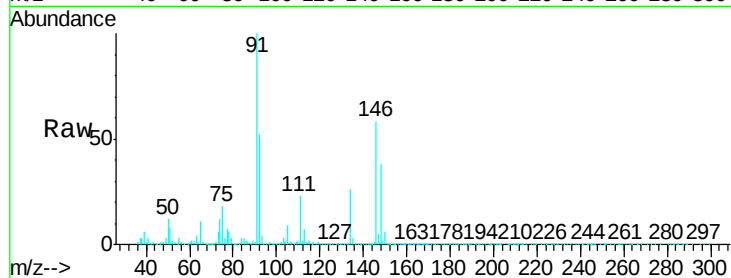
ClientSampleId :

VX1101WBS01

Tgt Ion:	146	Resp:	311092
Ion Ratio	Lower	Upper	
146	100		
111	38.4	20.1	60.2
148	63.6	32.0	96.0

Manual Integrations
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11/4/2019 1:30:10 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.558 ug/l

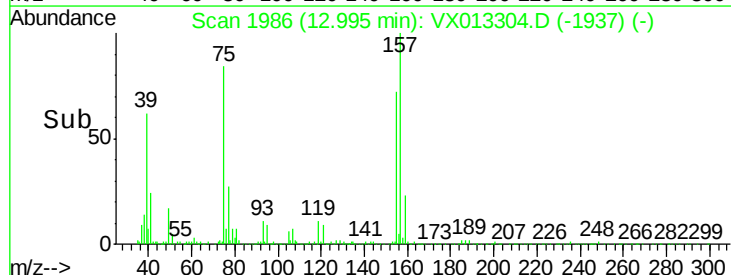
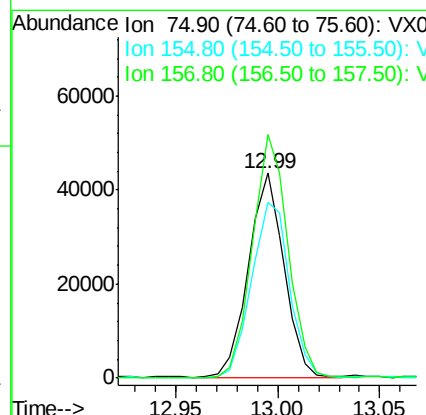
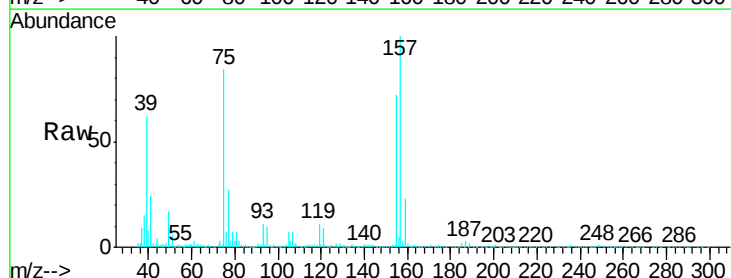
RT: 12.99 min Scan# 1986

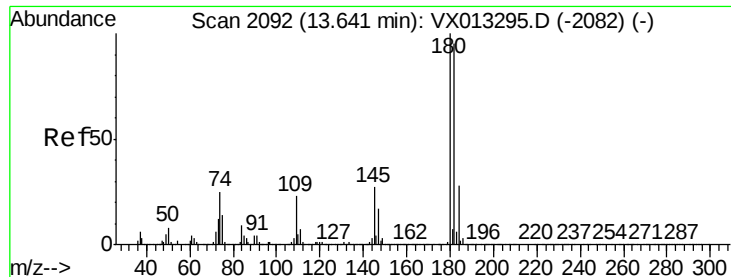
Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion:	75	Resp:	52354
Ion Ratio	Lower	Upper	
75	100		
155	92.4	47.1	141.4
157	121.2	61.3	183.8





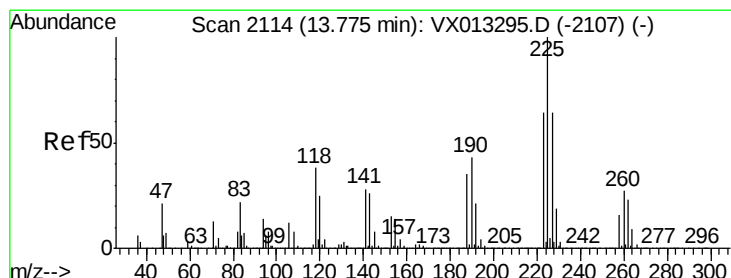
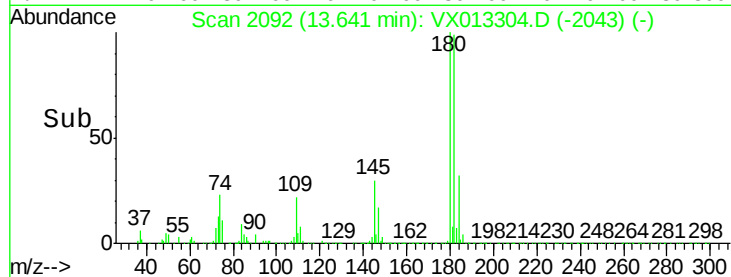
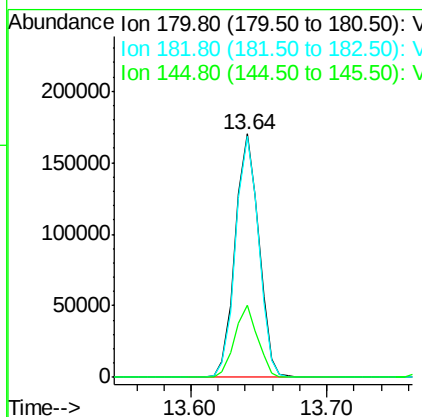
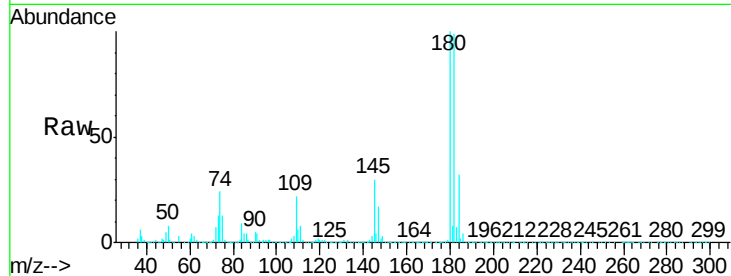
#93
1,2,4-Trichlorobenzene
Concen: 19.506 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	205132		
182	97.6	48.4	145.0	
145	28.8	14.1	42.4	

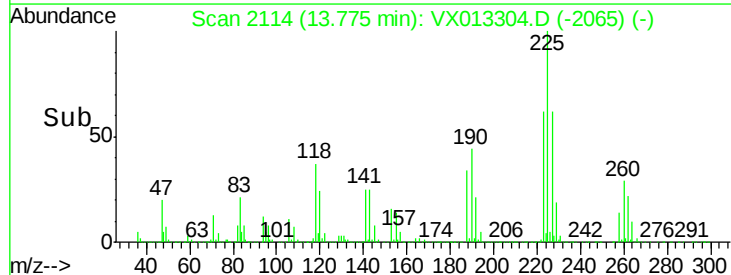
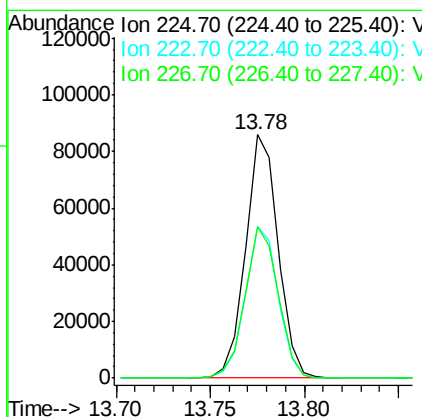
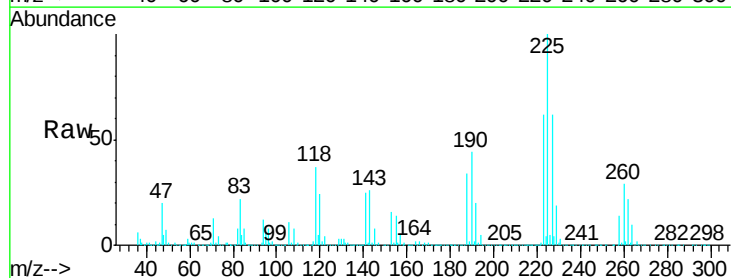
Manual Integrations
APPROVED

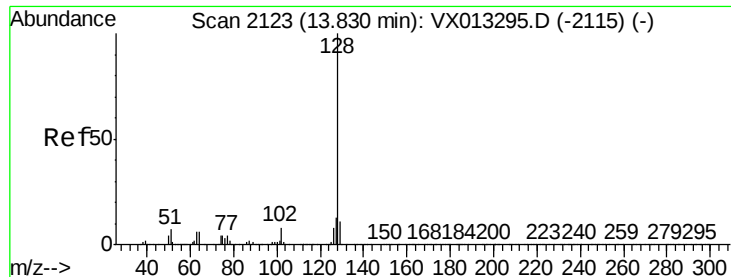
MMDadoda
11/4/2019 1:30:10 PM



#94
Hexachlorobutadiene
Concen: 20.017 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102992		
223	63.2	31.9	95.7	
227	63.2	31.9	95.9	





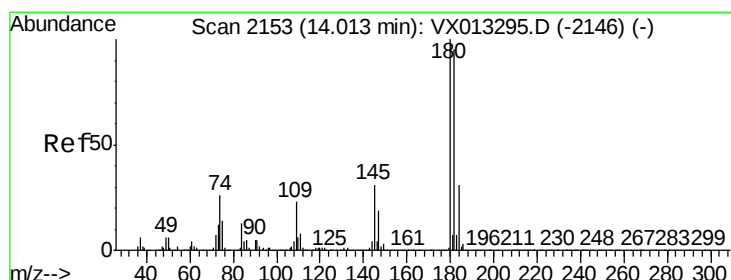
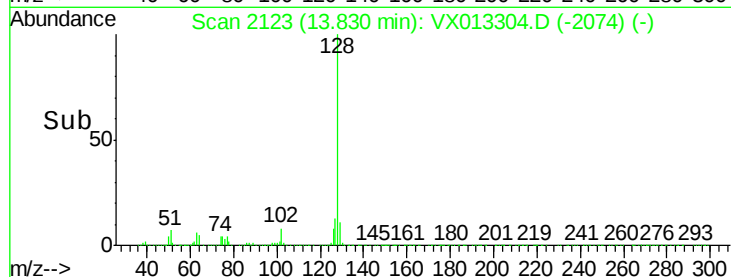
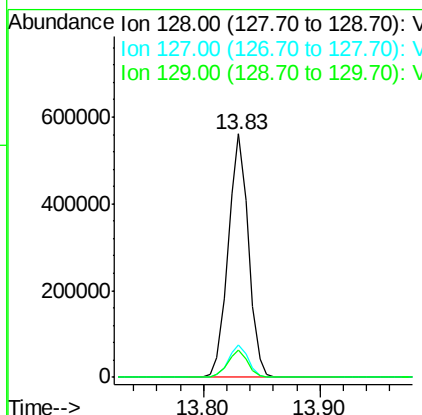
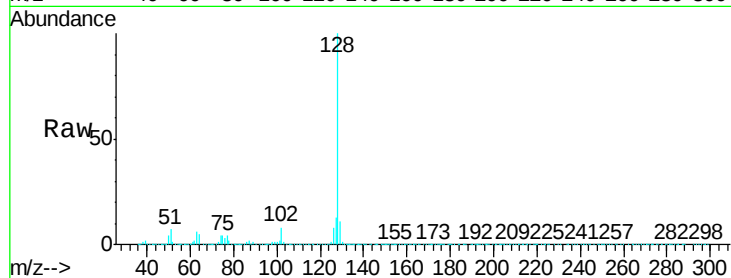
#95
Naphthalene
Concen: 20.433 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/4/2019 1:30:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.745 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	30.5	15.4	46.4

