

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
 Data File : VX014907.D
 Acq On : 11 Feb 2020 11:28
 Operator : JC/SP
 Sample : VX0211WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:04:16 PM

Quant Time: Feb 12 05:56:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	462625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	669708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	623682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	248322	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.48	113	199448	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.71	98	778291	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	279162	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	89535	20.436	ug/l	99
3) Chloromethane	1.32	50	96216	19.371	ug/l	99
4) Vinyl Chloride	1.40	62	99801	18.652	ug/l	98
5) Bromomethane	1.64	94	65647	18.954	ug/l	99
6) Chloroethane	1.72	64	64147	18.736	ug/l	97
7) Trichlorofluoromethane	1.93	101	145887	19.514	ug/l	97
8) Diethyl Ether	2.18	74	57187	18.447	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81560	18.795	ug/l	99
10) Methyl Iodide	2.50	142	82317	19.898	ug/l	99
11) Tert butyl alcohol	3.02	59	93135	101.030	ug/l	98
12) 1,1-Dichloroethene	2.37	96	79692	18.793	ug/l	99
13) Acrolein	2.28	56	58690	83.532	ug/l	95
14) Allyl chloride	2.72	41	135927	18.080	ug/l	98
15) Acrylonitrile	3.12	53	227143	97.195	ug/l	100
16) Acetone	2.43	43	250257	81.881	ug/l	98
17) Carbon Disulfide	2.56	76	215566	18.195	ug/l	99
18) Methyl Acetate	2.76	43	100334	19.081	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	264040	19.133	ug/l	99
20) Methylene Chloride	2.85	84	89135	17.747	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	86476	18.482	ug/l	98
22) Diisopropyl ether	3.84	45	273898	19.075	ug/l	98
23) Vinyl Acetate	3.80	43	1164991	98.421	ug/l	99
24) 1,1-Dichloroethane	3.69	63	154425	19.056	ug/l	98
25) 2-Butanone	4.65	43	334761	94.179	ug/l	99
26) 2,2-Dichloropropane	4.57	77	127254	18.221	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	97258	18.595	ug/l	99
28) Bromochloromethane	5.00	49	57318	18.248	ug/l	95
29) Tetrahydrofuran	5.11	42	200420	99.187	ug/l	98
30) Chloroform	5.20	83	153556	19.098	ug/l	97
31) Cyclohexane	5.57	56	137708	18.657	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	133043	18.916	ug/l	99
36) 1,1-Dichloropropene	5.79	75	116592	19.462	ug/l	99
37) Ethyl Acetate	4.81	43	124301	19.894	ug/l	99
38) Carbon Tetrachloride	5.77	117	112965	19.349	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	143485	19.151	ug/l	99
40) Benzene	6.13	78	350268	19.569	ug/l	100
41) Methacrylonitrile	5.03	41	68159	20.249	ug/l	99
42) 1,2-Dichloroethane	6.18	62	124712	19.277	ug/l	99
43) Isopropyl Acetate	6.43	43	203940	19.786	ug/l	99
44) Trichloroethene	7.20	130	100298	19.302	ug/l	98
45) 1,2-Dichloropropane	7.50	63	87633	19.197	ug/l	99
46) Dibromomethane	7.65	93	58804	18.845	ug/l	99
47) Bromodichloromethane	7.89	83	115610	18.686	ug/l	99
48) Methyl methacrylate	7.76	41	98277	19.374	ug/l	98
49) 1,4-Dioxane	7.73	88	41811	440.853	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	626780	100.707	ug/l	99
52) Toluene	8.78	92	222375	19.561	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	127134	18.750	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140845	18.803	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89958	19.558	ug/l	98
56) Ethyl methacrylate	9.17	69	136106	19.687	ug/l	98
57) 1,3-Dichloropropane	9.36	76	148925	19.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	357488	98.874	ug/l	99
59) 2-Hexanone	9.48	43	492838	100.744	ug/l	100
60) Dibromochloromethane	9.57	129	93699	18.930	ug/l	98
61) 1,2-Dibromoethane	9.67	107	93159	18.772	ug/l	97
64) Tetrachloroethene	9.33	164	107466	18.430	ug/l	96
65) Chlorobenzene	10.13	112	242875	19.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	90116	19.622	ug/l	98
67) Ethyl Benzene	10.25	91	416386	19.355	ug/l	98
68) m/p-Xylenes	10.36	106	321353	38.774	ug/l	100
69) o-Xylene	10.69	106	155816	19.558	ug/l	99
70) Styrene	10.71	104	260765	19.348	ug/l	99
71) Bromoform	10.85	173	69949	18.248	ug/l	96
73) Isopropylbenzene	11.01	105	414763	19.951	ug/l	100
74) N-amyl acetate	10.89	43	171129	19.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132100	19.438	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113244m	18.890	ug/l	
77) Bromobenzene	11.25	156	111379	19.195	ug/l	97
78) n-propylbenzene	11.35	91	468828	19.498	ug/l	99
79) 2-Chlorotoluene	11.42	91	276377	19.552	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	347627	20.012	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	41948	17.911	ug/l	94
82) 4-Chlorotoluene	11.51	91	325986	19.473	ug/l	100
83) tert-Butylbenzene	11.76	119	329986	20.061	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	348691	19.919	ug/l	99
85) sec-Butylbenzene	11.94	105	402380	19.691	ug/l	99
86) p-Isopropyltoluene	12.06	119	373947	19.555	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	196811	18.907	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	198932	18.714	ug/l	99
89) n-Butylbenzene	12.39	91	317001	18.510	ug/l	100
90) Hexachloroethane	12.59	117	62900	18.835	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	191578	18.767	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29031	18.209	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0211WBS01

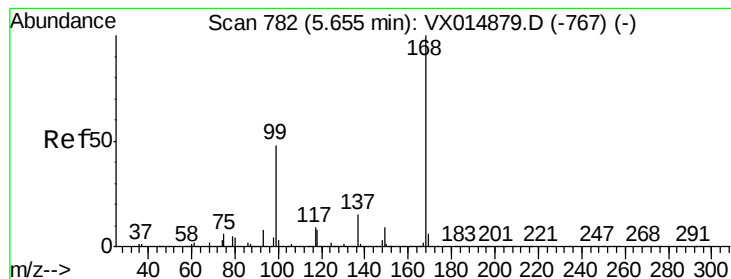
Manual Integrations
APPROVED

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2/12/2020 3:04:16 PM

Quant Time: Feb 12 05:56:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136611	18.130	ug/l	99
94) Hexachlorobutadiene	13.78	225	67925	18.638	ug/l	97
95) Naphthalene	13.83	128	389217	19.428	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	136376	18.734	ug/l	98

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



#1

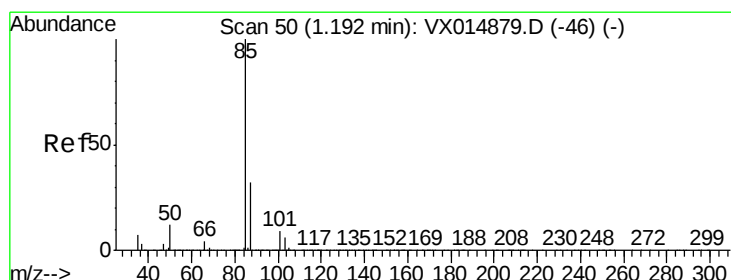
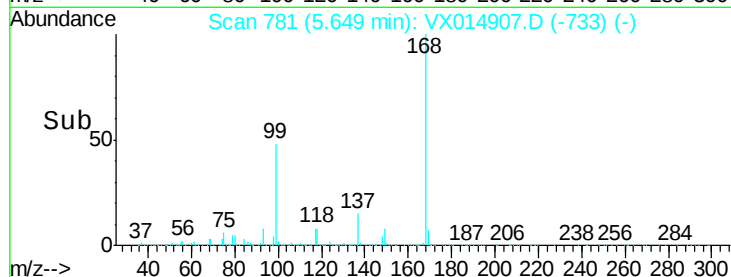
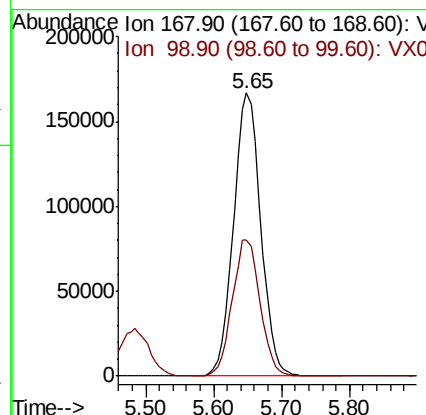
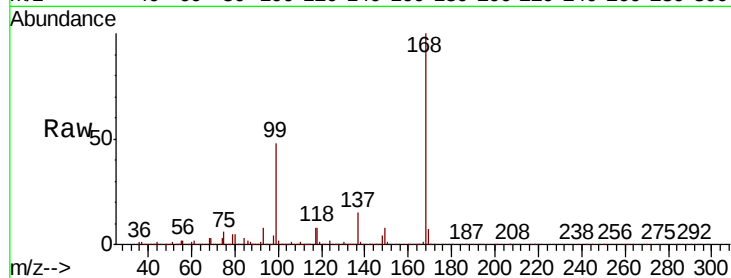
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	38.7	58.1

Manual Integrations
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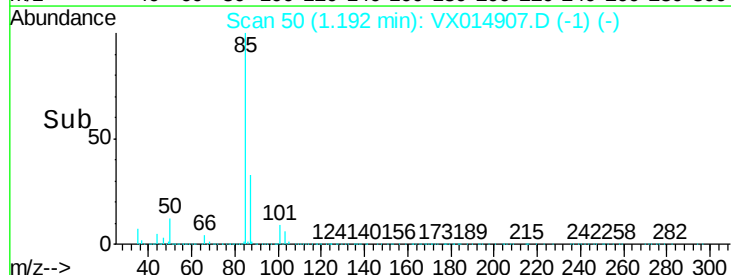
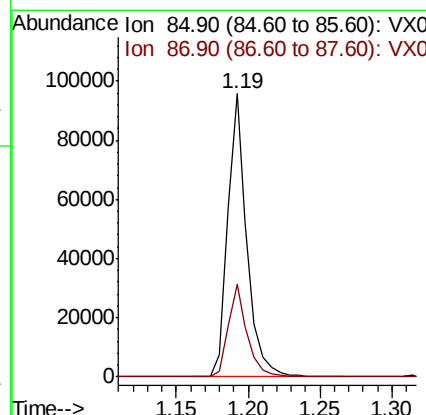
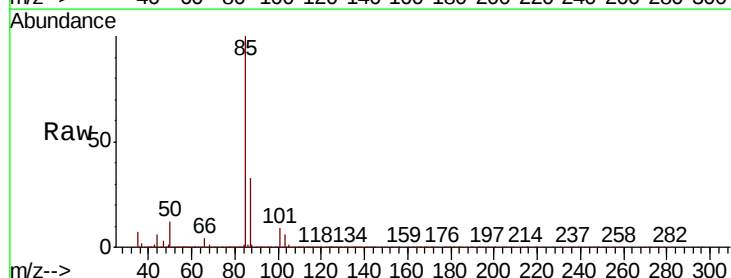
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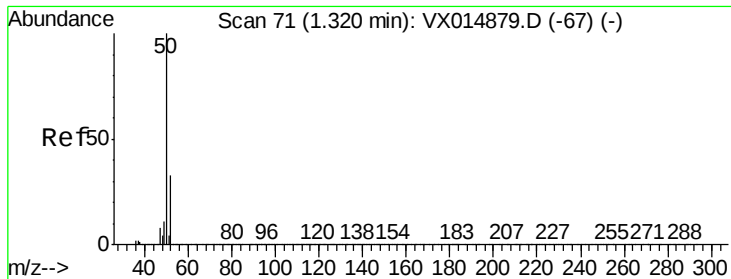


#2

Dichlorodifluoromethane
Concen: 20.436 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.1	48.2





#3

Chloromethane

Concen: 19.371 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 50 Resp: 96216

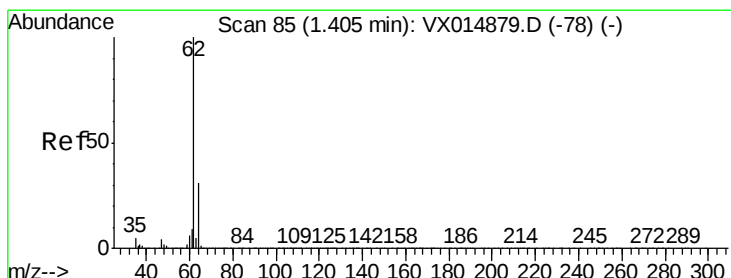
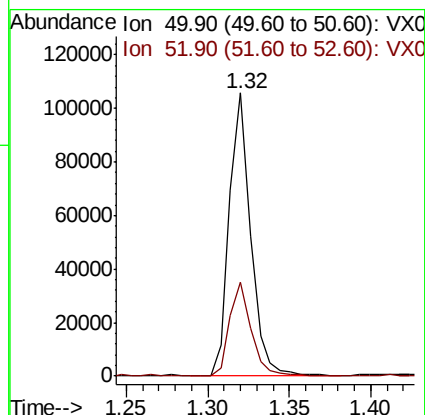
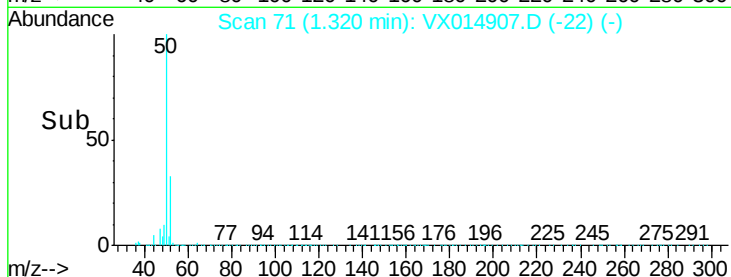
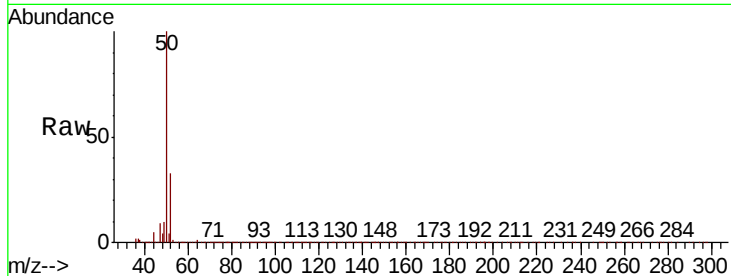
Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.652 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014907.D

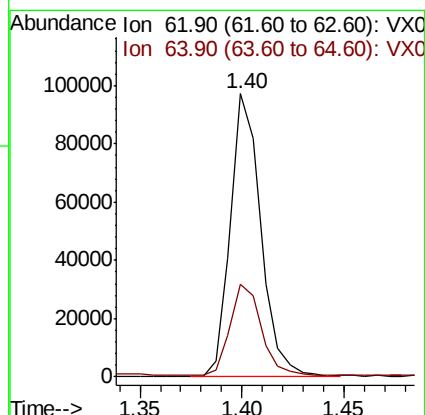
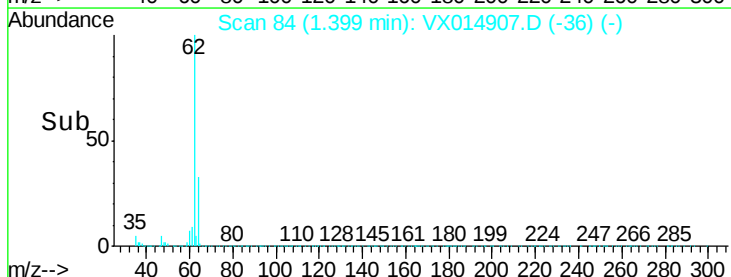
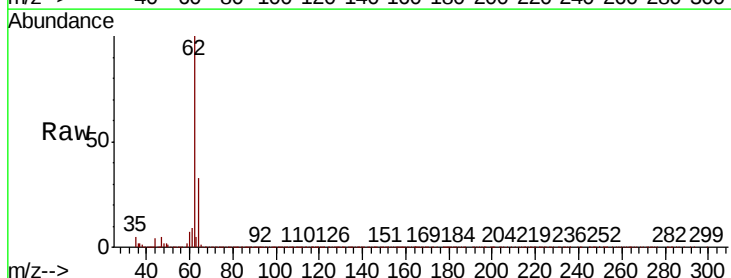
Acq: 11 Feb 2020 11:28

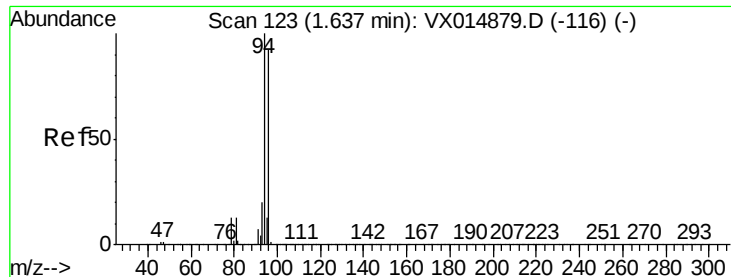
Tgt Ion: 62 Resp: 99801

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 18.954 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 94 Resp: 65647

Ion Ratio Lower Upper

94 100

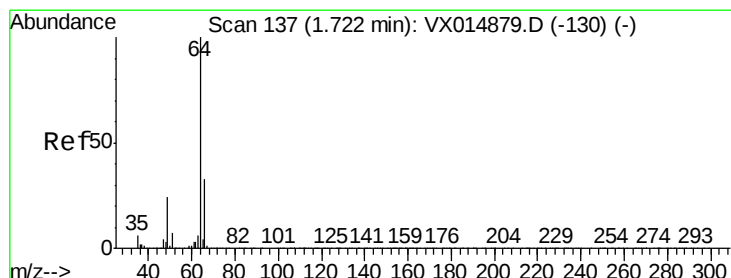
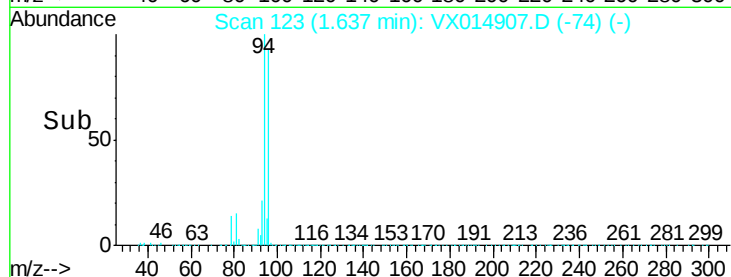
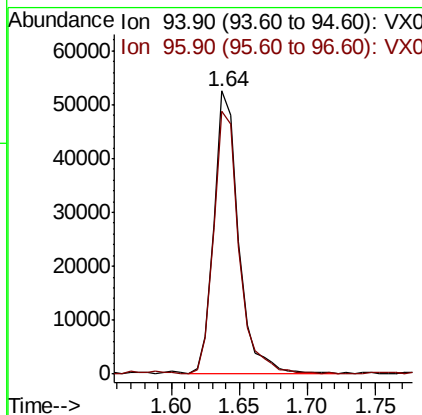
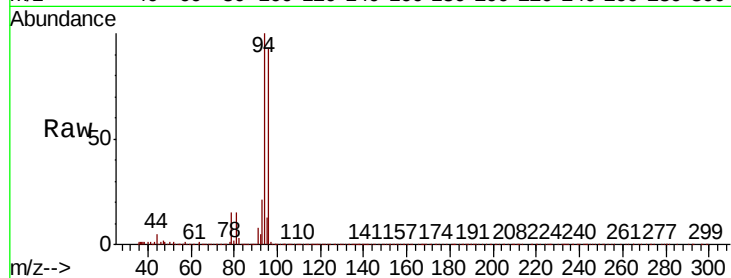
96 93.1 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 18.736 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014907.D

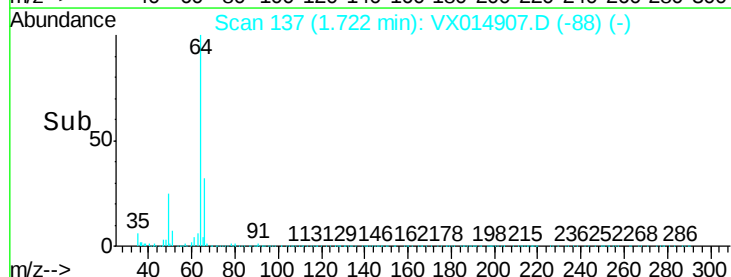
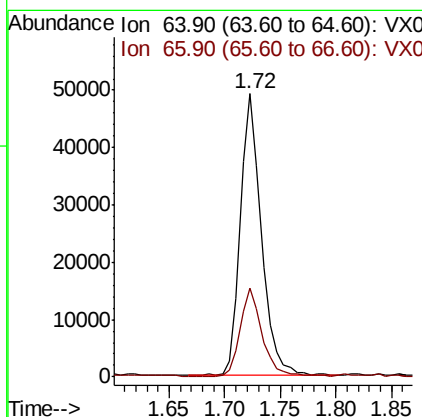
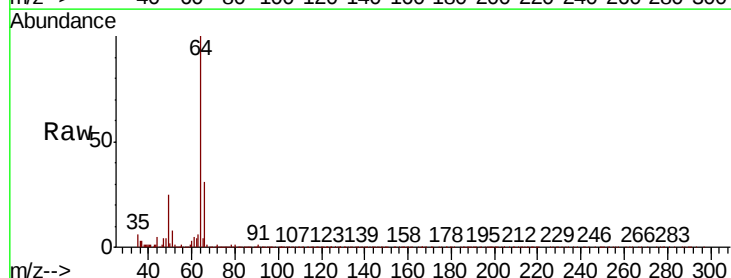
Acq: 11 Feb 2020 11:28

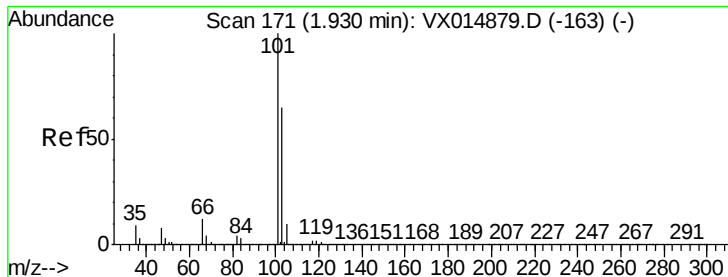
Tgt Ion: 64 Resp: 64147

Ion Ratio Lower Upper

64 100

66 31.3 26.2 39.4





#7

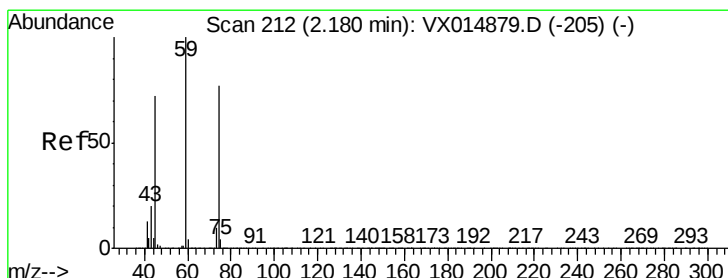
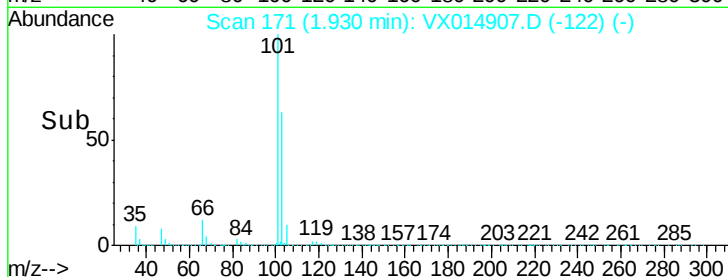
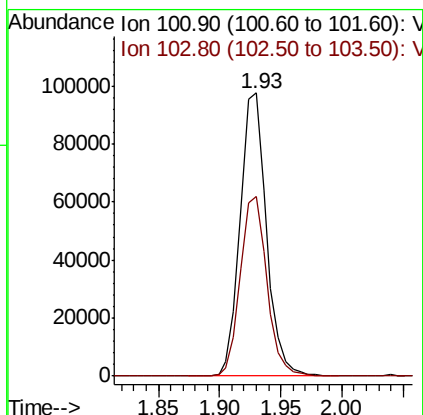
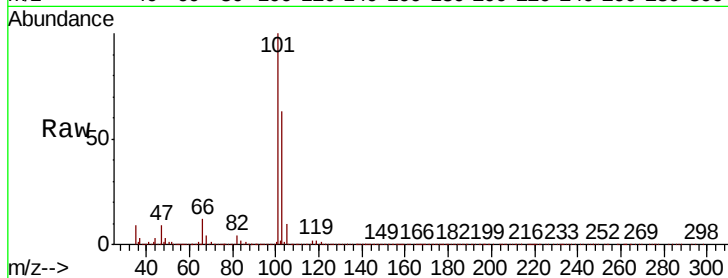
Trichlorofluoromethane
Concen: 19.514 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.2	78.4

Manual Integrations
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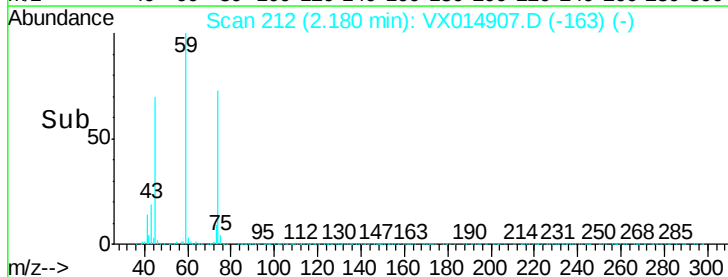
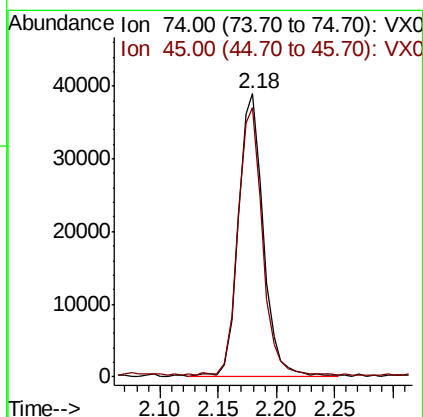
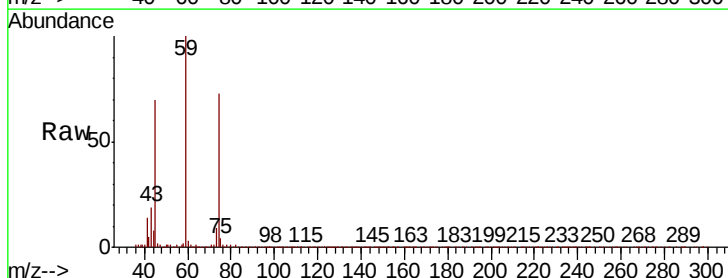
MMDadoda
2/12/2020 3:04:16 PM

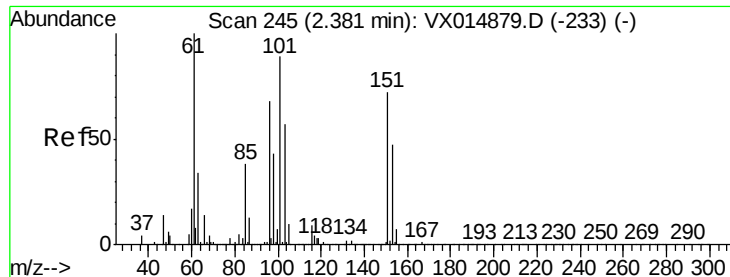


#8

Diethyl Ether
Concen: 18.447 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.795 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

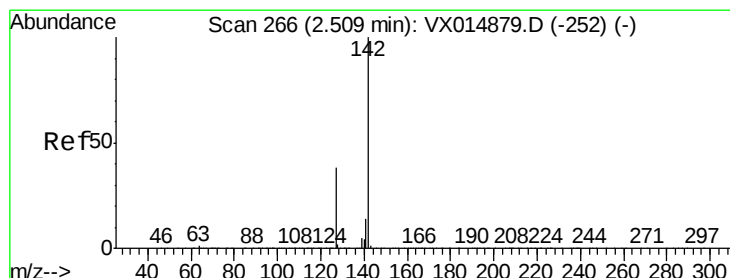
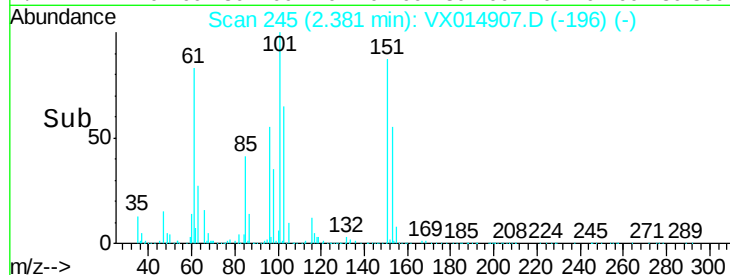
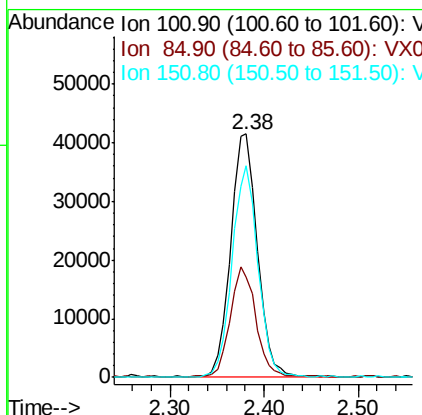
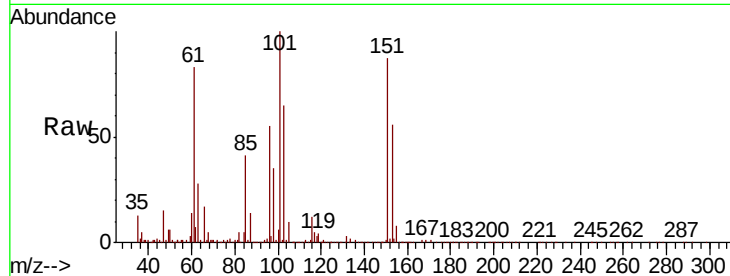
ClientSampleId :

VX0211WBS01

Tot Ion:	101	Resp:	81560
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.1	51.1
151	84.5	67.3	100.9

Manual Integrations
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MMDadoda
2/12/2020 3:04:16 PM



#10

Methyl Iodide

Concen: 19.898 ug/l

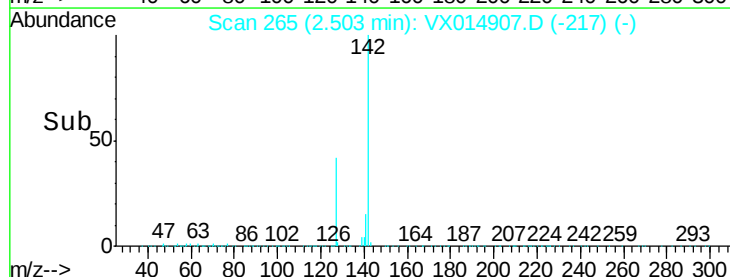
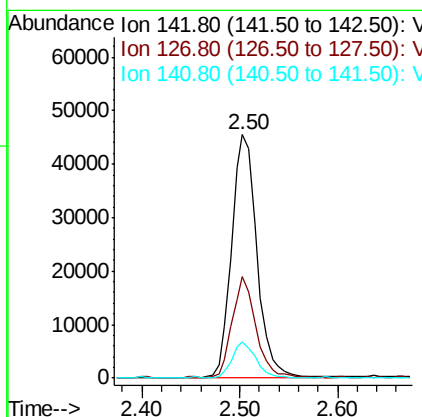
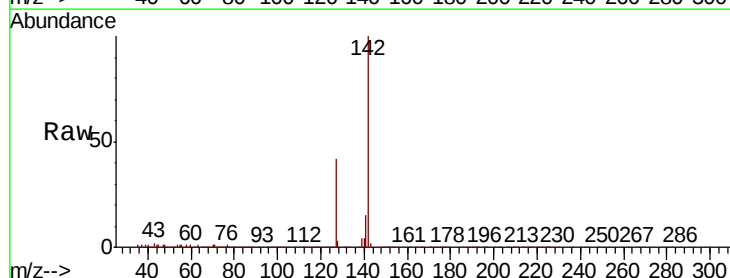
RT: 2.50 min Scan# 265

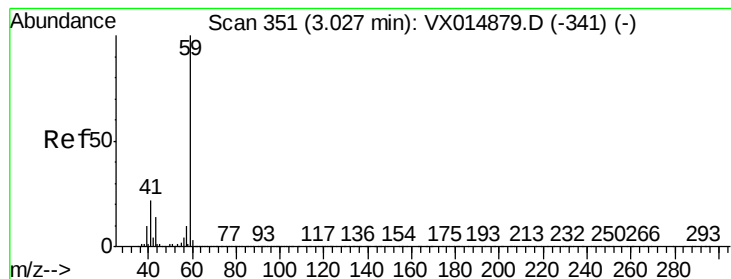
Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	142	Resp:	82317
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.1	46.7
141	13.9	11.3	16.9





#11

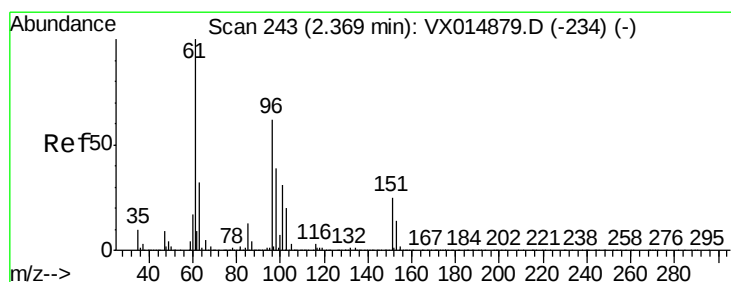
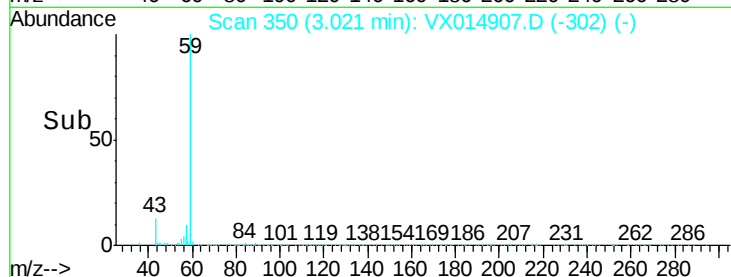
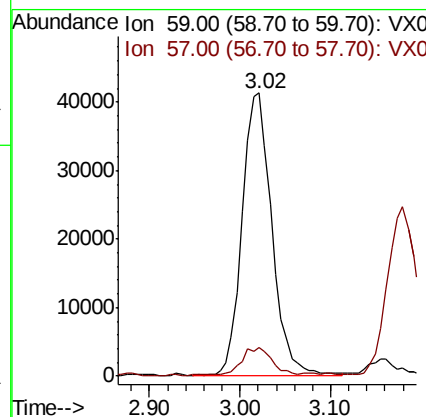
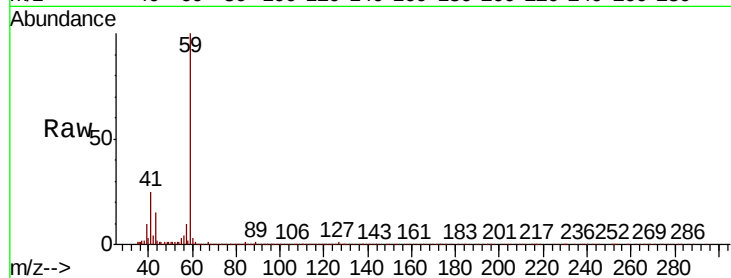
Tert butyl alcohol
Concen: 101.030 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.2	12.4

Manual Integrations
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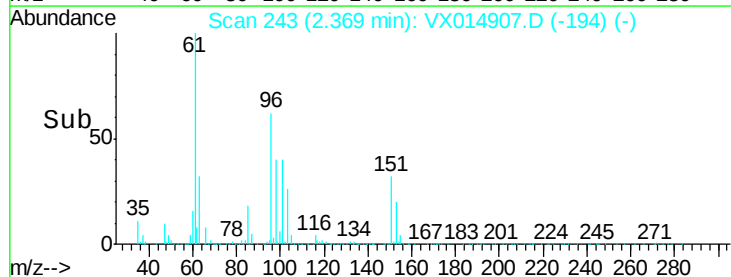
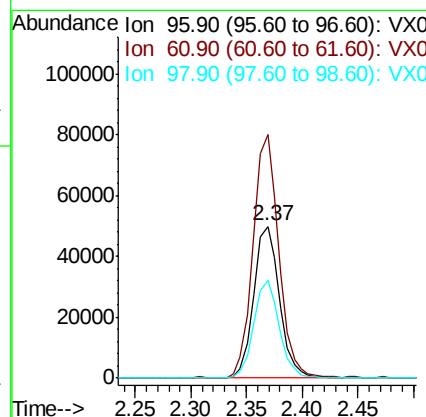
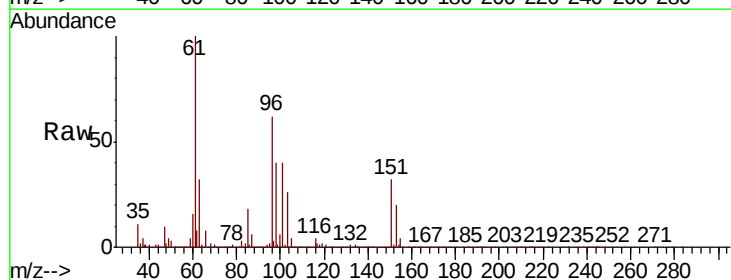
MMDadoda
2/12/2020 3:04:16 PM

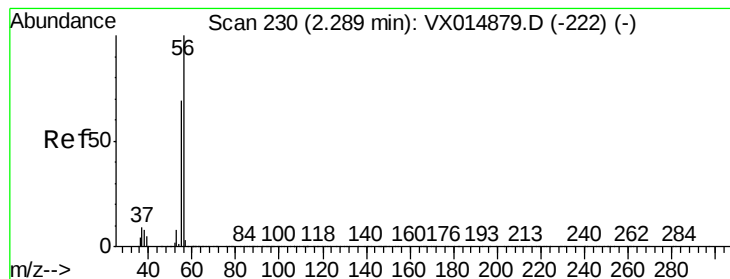


#12

1,1-Dichloroethene
Concen: 18.793 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	129.5	194.3
98	64.4	50.6	76.0





#13

Acrolein

Concen: 83.532 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 56 Resp: 58690

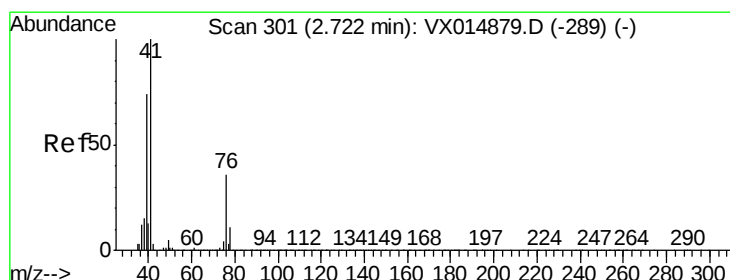
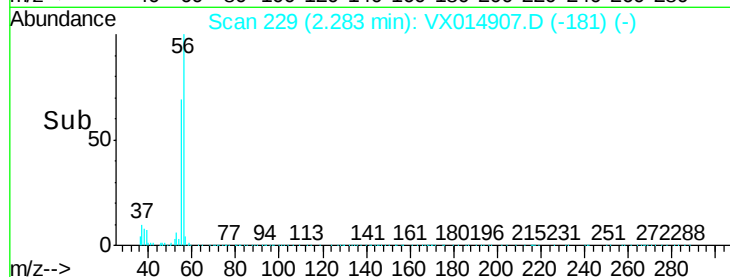
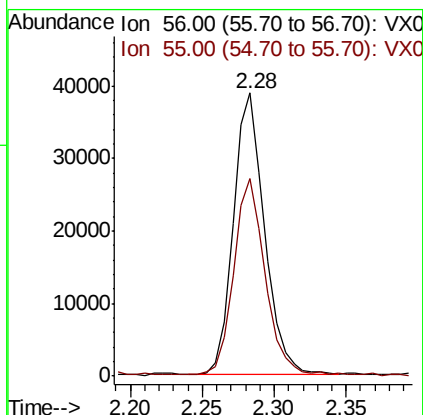
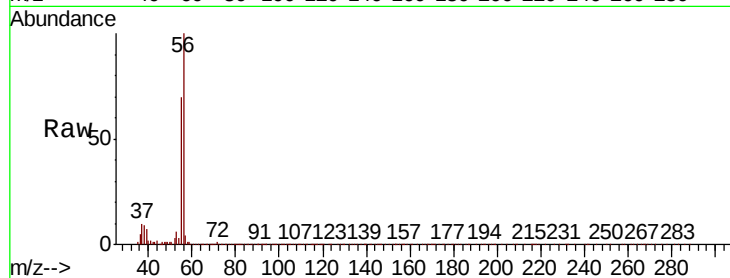
Ion Ratio Lower Upper

56 100

55 73.0 55.0 82.4

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:16 PM



#14

Allyl chloride

Concen: 18.080 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

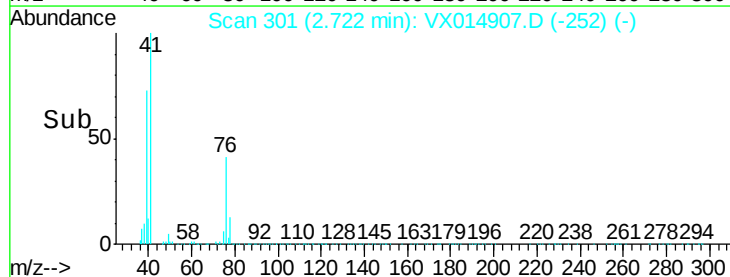
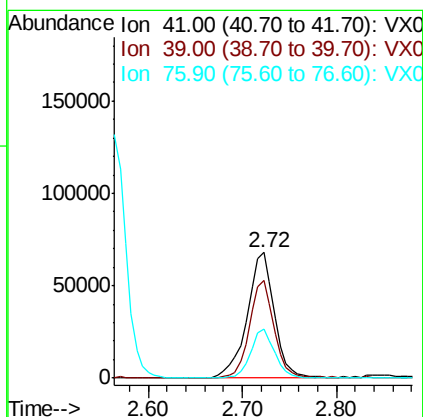
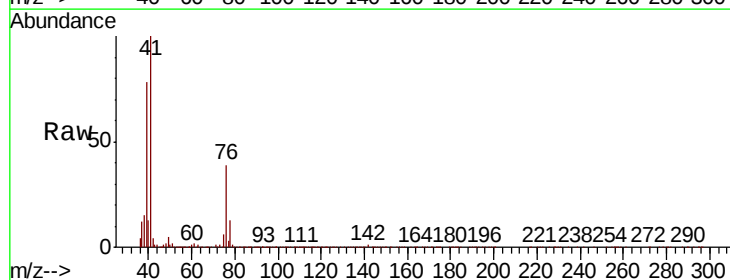
Tgt Ion: 41 Resp: 135927

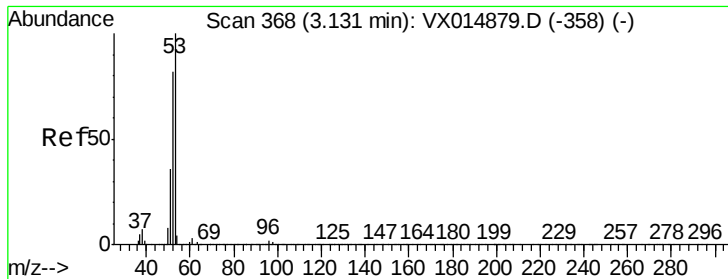
Ion Ratio Lower Upper

41 100

39 71.5 55.2 82.8

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 97.195 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

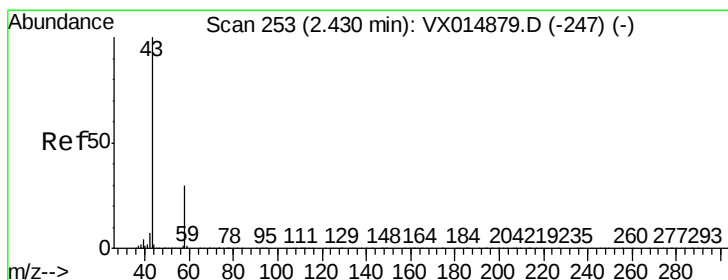
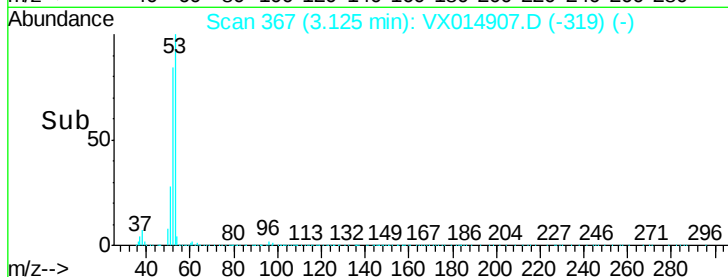
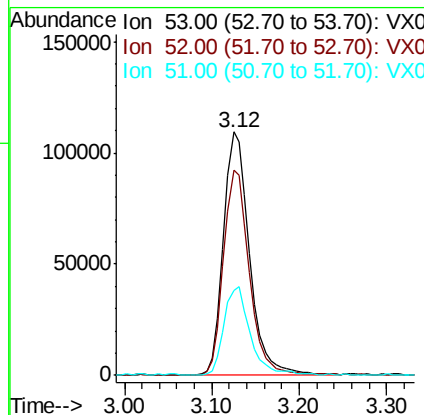
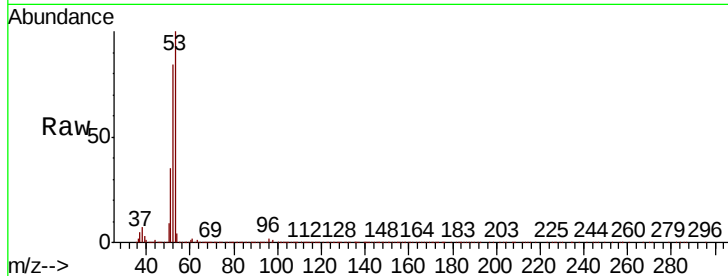
ClientSampleId :

VX0211WBS01

Tot Ion:	53	Resp:	227143
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.8	98.6
51	36.1	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 81.881 ug/l

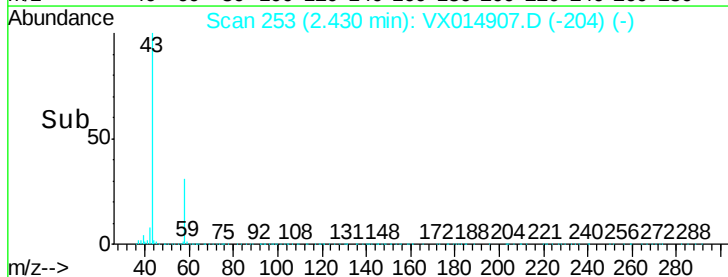
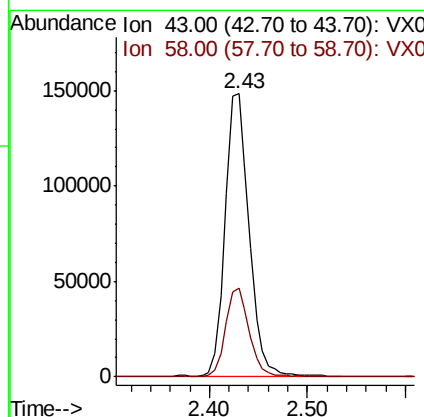
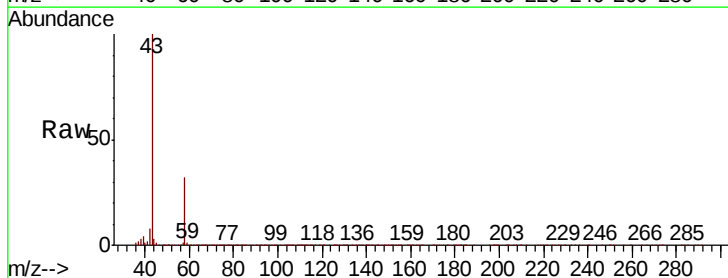
RT: 2.43 min Scan# 253

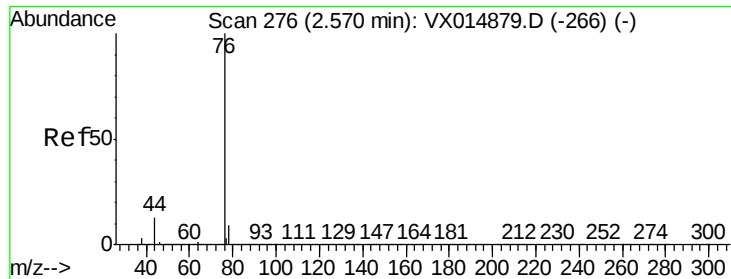
Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	43	Resp:	250257
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.1	36.1





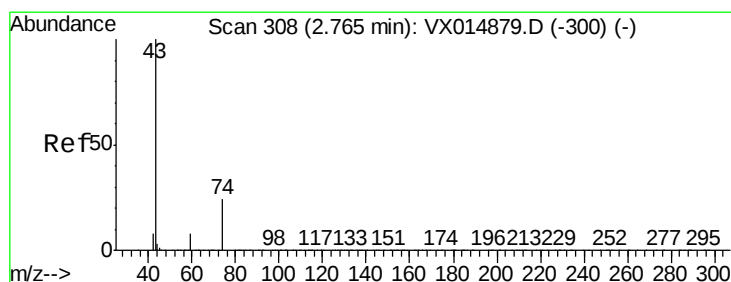
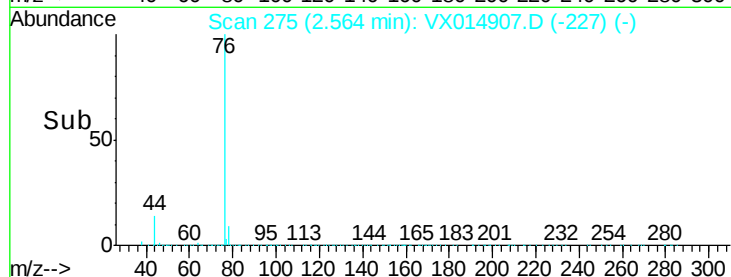
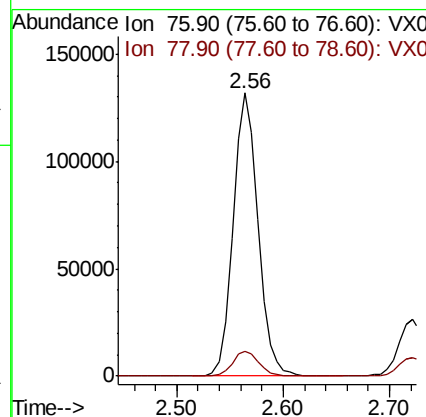
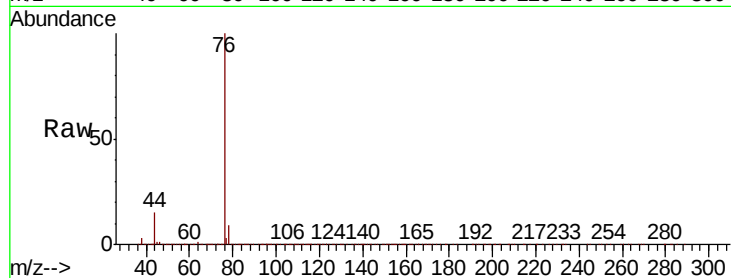
#17
Carbon Disulfide
Concen: 18.195 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

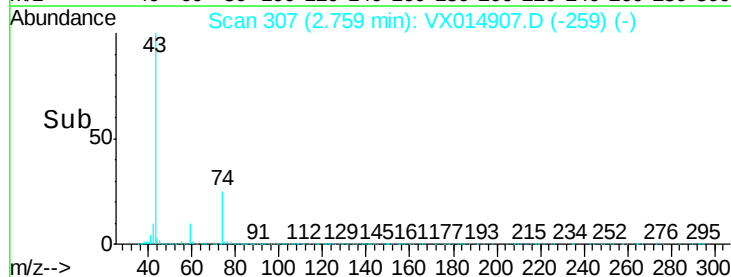
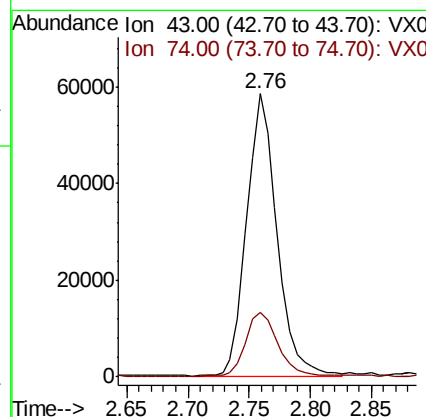
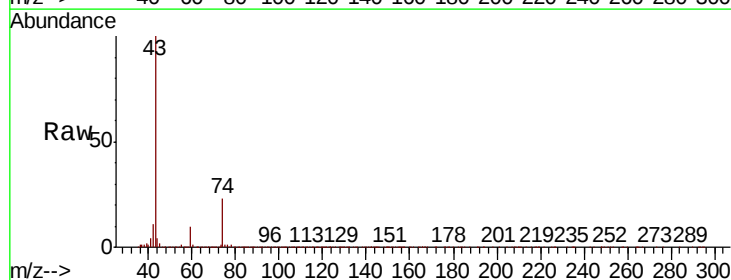
Manual Integrations
APPROVED

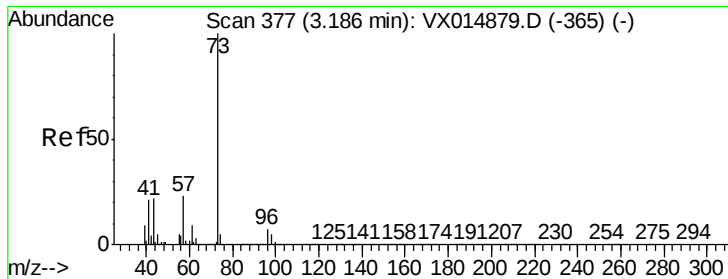
MMDadoda
2/12/2020 3:04:16 PM



#18
Methyl Acetate
Concen: 19.081 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.4	29.0





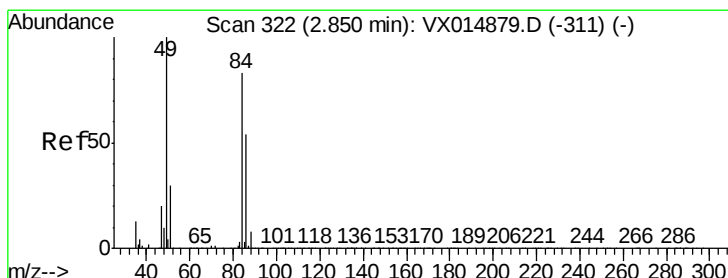
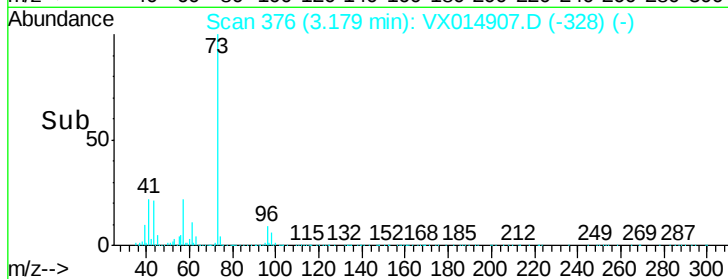
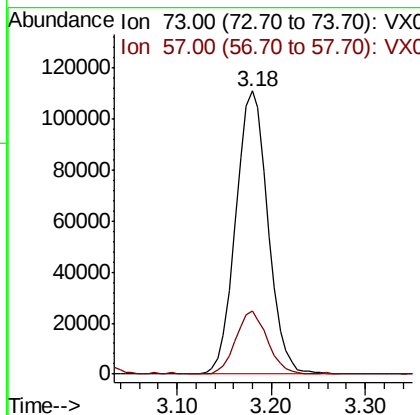
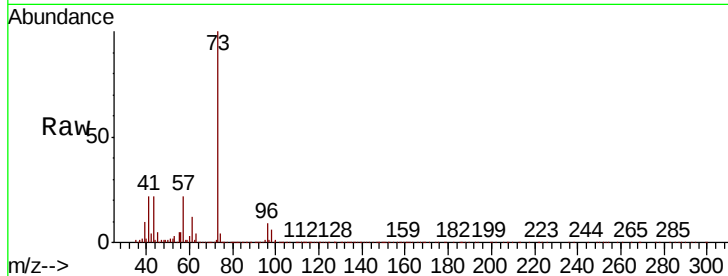
#19
Methvl tert-butvl Ether
Concen: 19.133 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.4

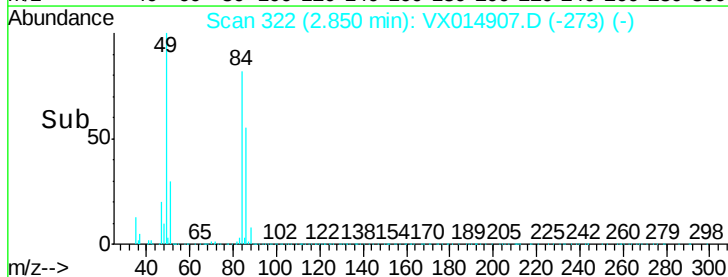
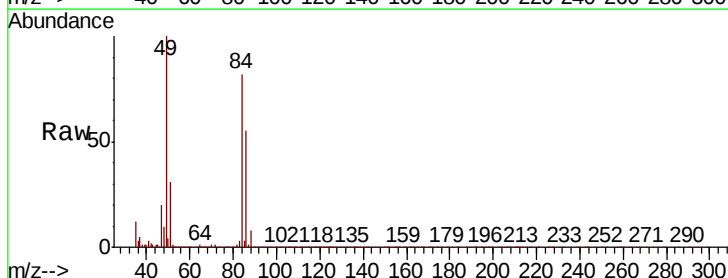
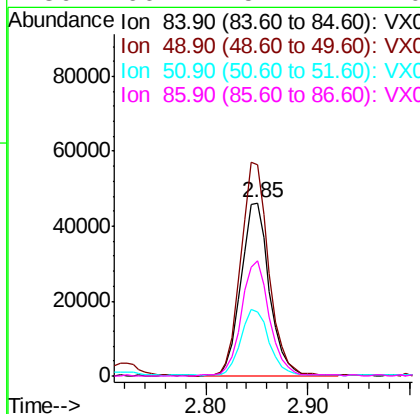
Manual Integrations
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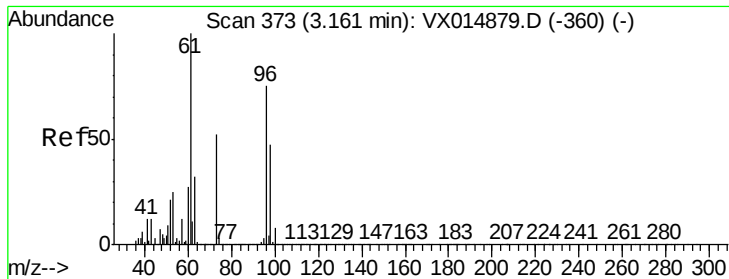
MMDadoda
2/12/2020 3:04:16 PM



#20
Methylene Chloride
Concen: 17.747 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	95.6	143.4
51	36.9	29.0	43.6
86	66.4	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 18.482 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

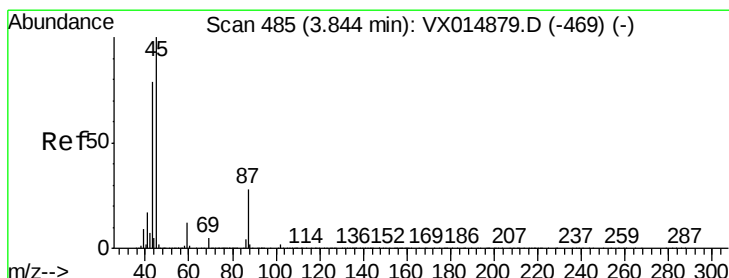
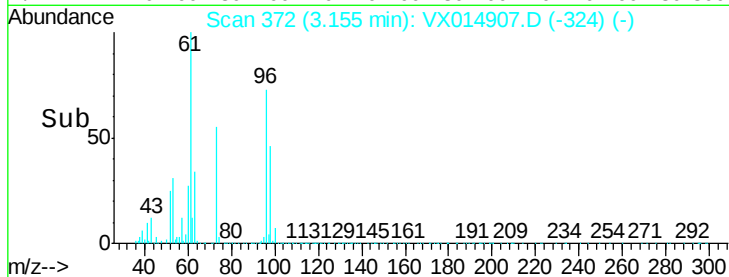
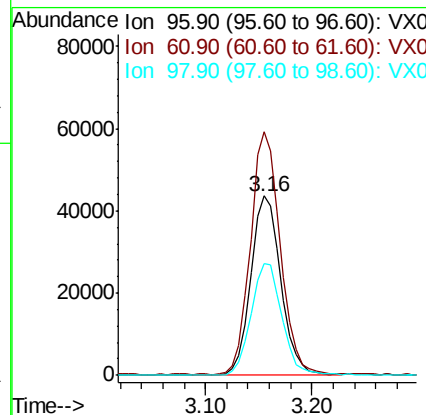
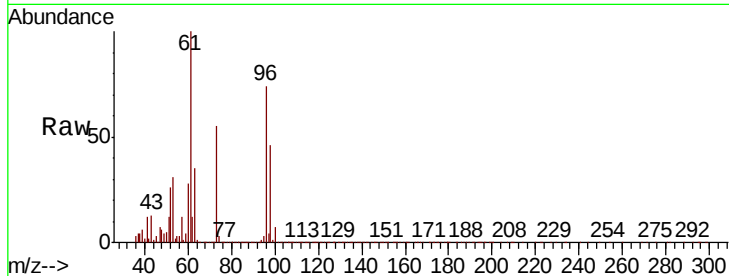
ClientSampleId :

VX0211WBS01

Tot Ion:	96	Resp:	86476
Ion	Ratio	Lower	Upper
96	100		
61	135.9	106.9	160.3
98	62.3	50.7	76.1

Manual Integrations
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MMDadoda
2/12/2020 3:04:16 PM



#22

Diisopropyl ether

Concen: 19.075 ug/l

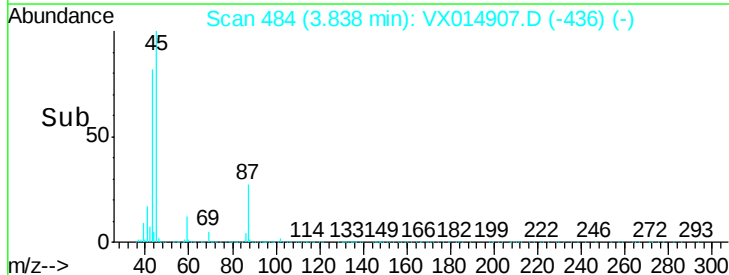
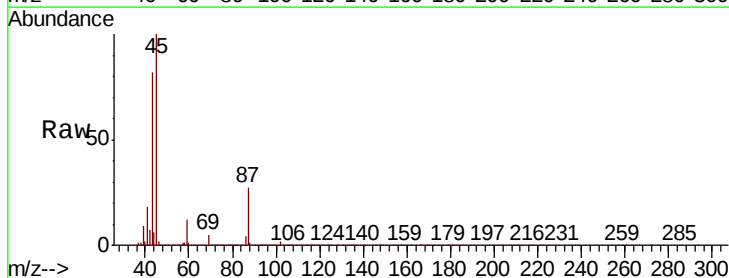
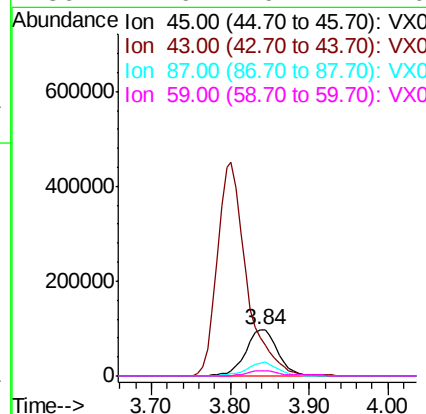
RT: 3.84 min Scan# 484

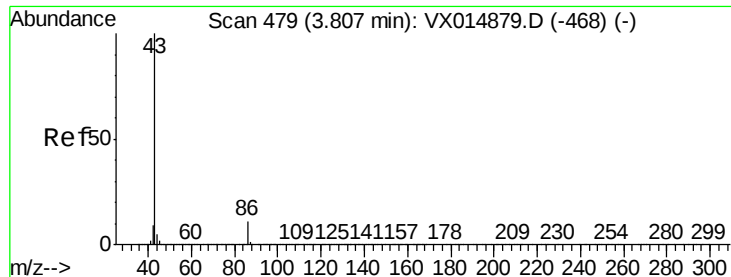
Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	45	Resp:	273898
Ion	Ratio	Lower	Upper
45	100		
43	80.9	63.5	95.3
87	26.7	22.2	33.4
59	11.9	9.4	14.0





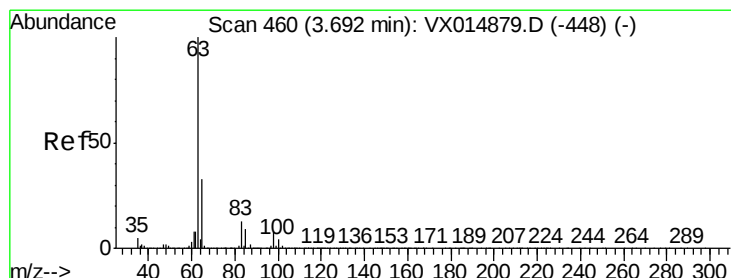
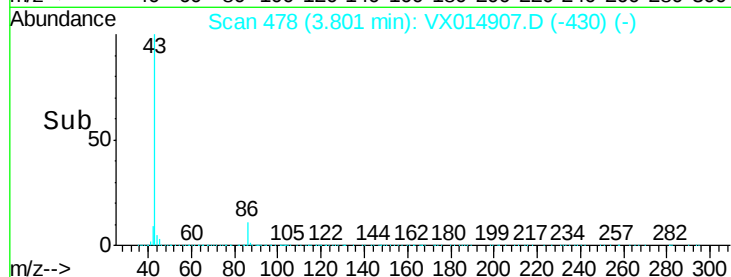
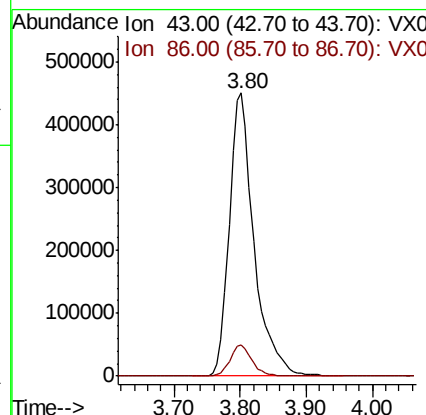
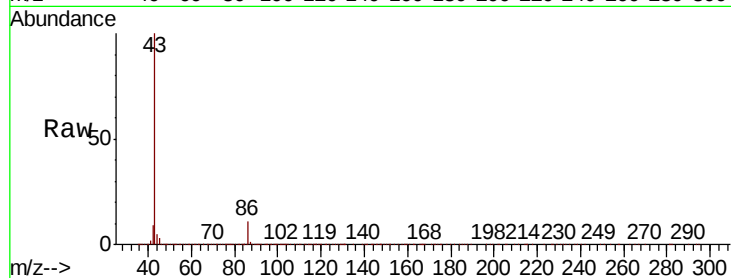
#23
 Vinyl Acetate
 Concen: 98.421 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion: 43 Resp: 1164991
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3

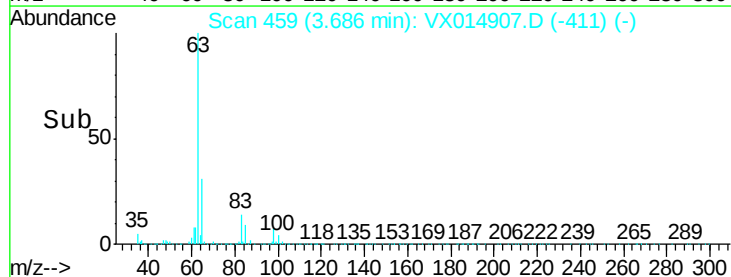
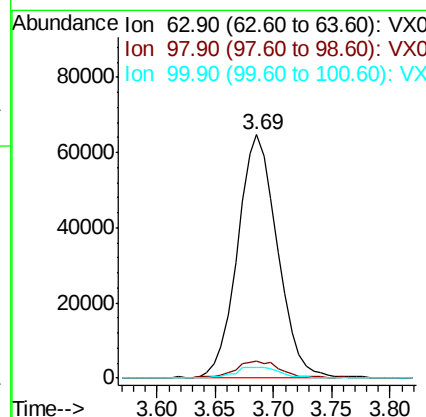
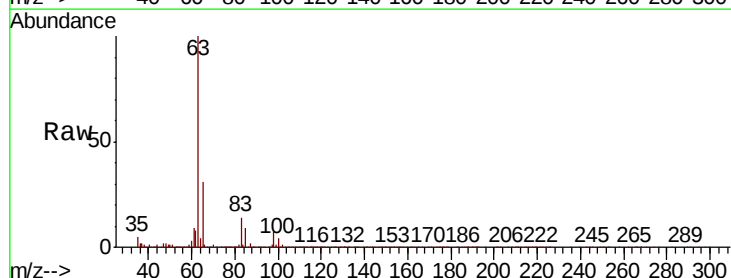
Manual Integrations
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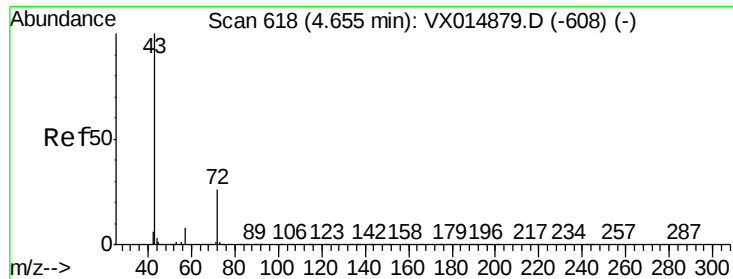
MMDadoda
 2/12/2020 3:04:16 PM



#24
 1,1-Dichloroethane
 Concen: 19.056 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Tgt Ion: 63 Resp: 154425
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.5
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 94.179 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 43 Resp: 334761

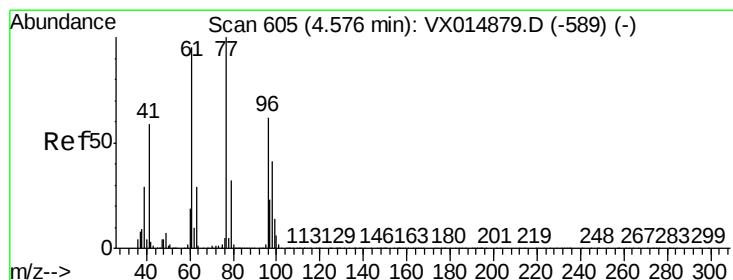
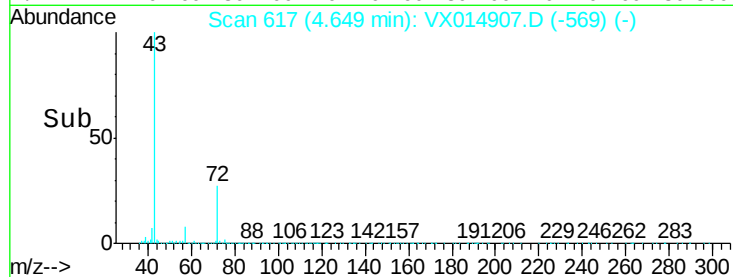
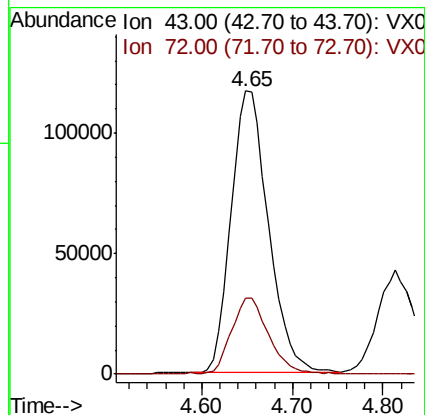
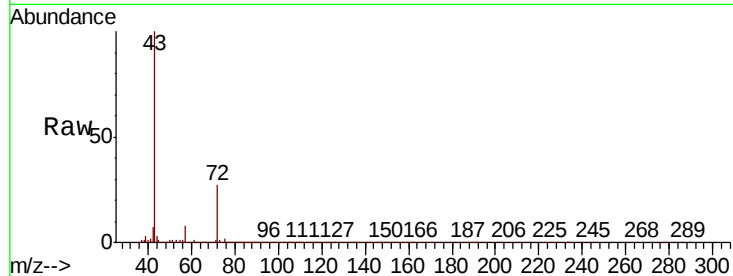
Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:16 PM



#26

2,2-Dichloropropane

Concen: 18.221 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014907.D

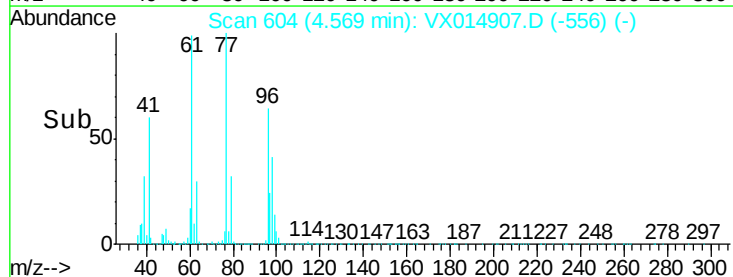
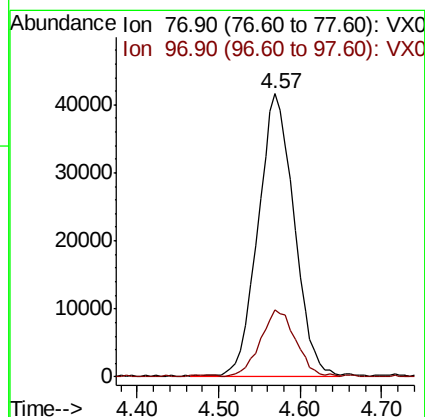
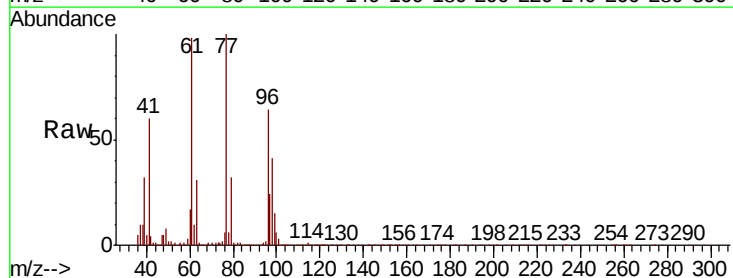
Acq: 11 Feb 2020 11:28

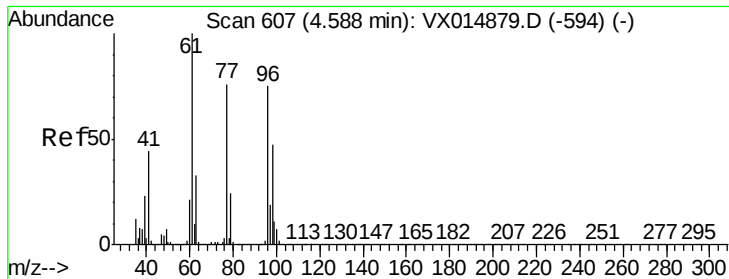
Tgt Ion: 77 Resp: 127254

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.5





#27

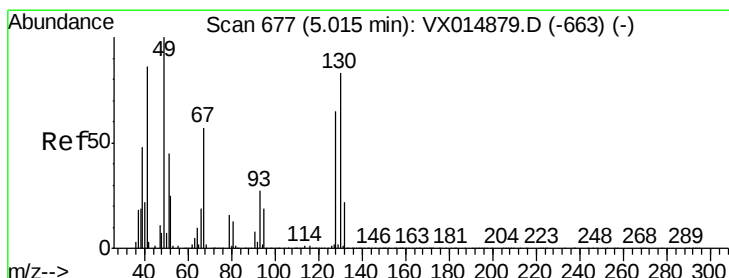
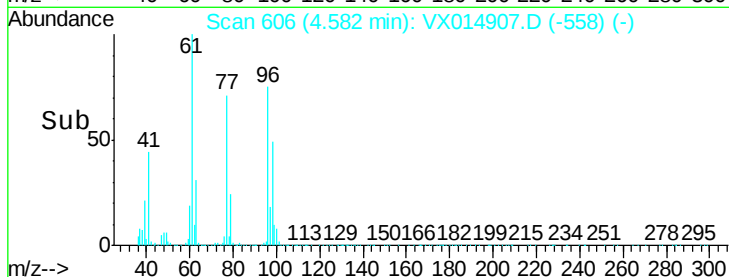
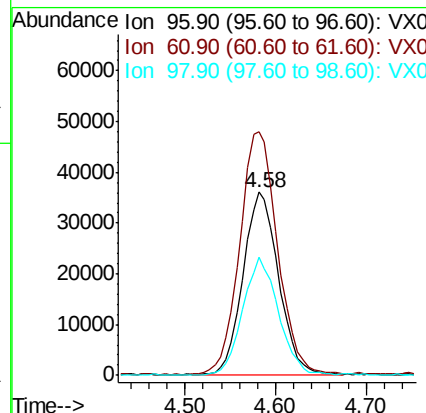
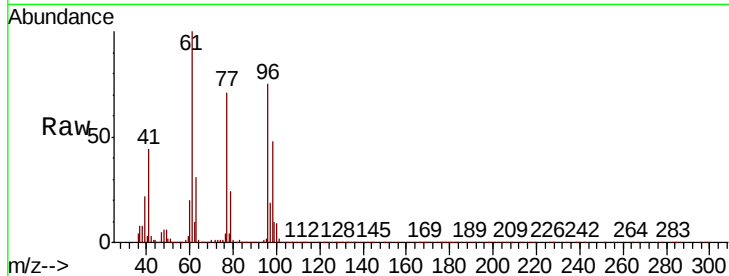
cis-1,2-Dichloroethene
Concen: 18.595 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.2
98	64.7	0.0	131.0

Manual Integrations
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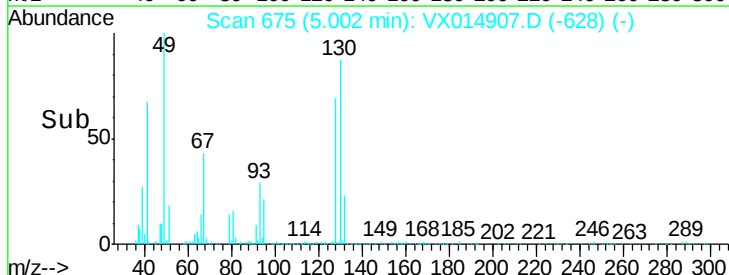
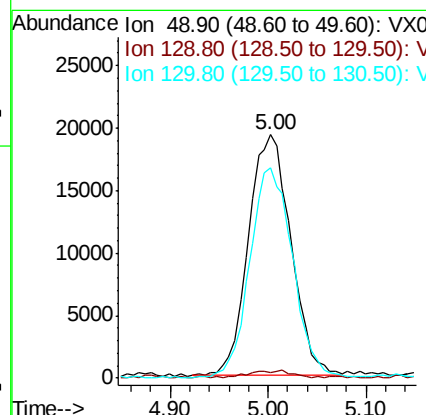
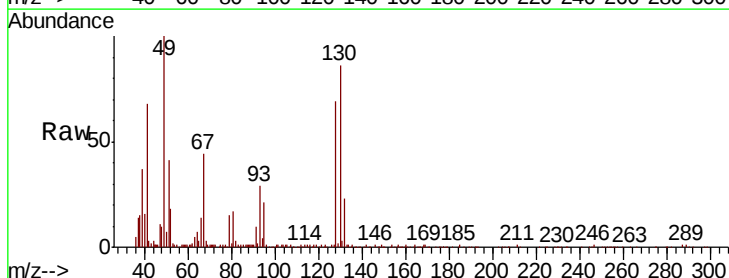
MMDadoda
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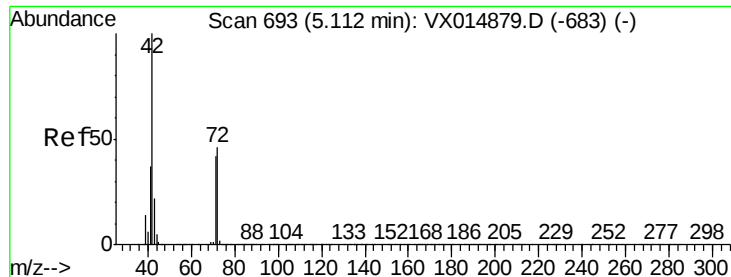


#28

Bromochloromethane
Concen: 18.248 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.2
130	88.5	67.4	101.2





#29

Tetrahydrofuran

Concen: 99.187 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

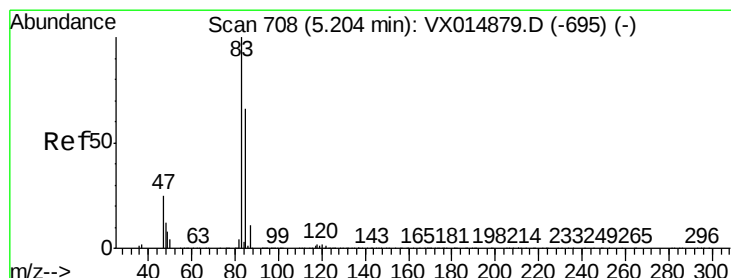
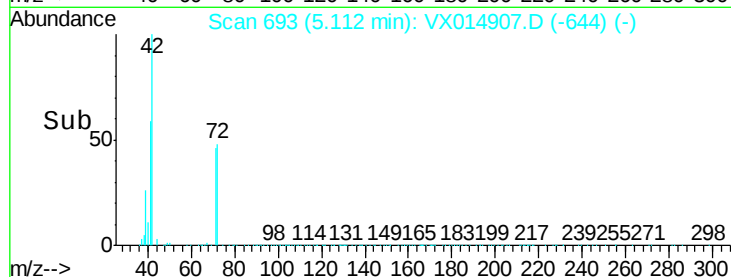
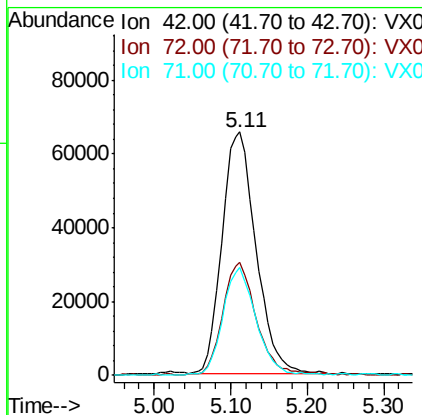
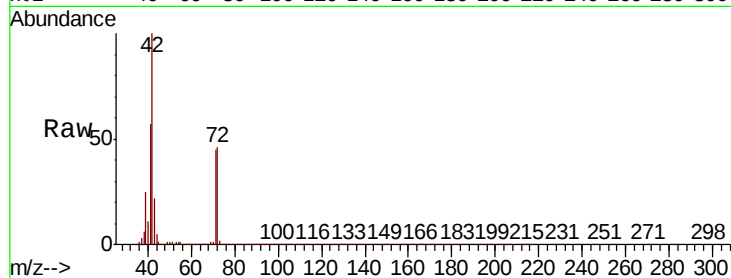
ClientSampleId :

VX0211WBS01

Tot Ion	42	Resp	200420
Ion Ratio	Lower	Upper	
42	100		
72	47.1	36.9	55.3
71	44.3	34.1	51.1

Manual Integrations
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2/12/2020 3:04:16 PM



#30

Chloroform

Concen: 19.098 ug/l

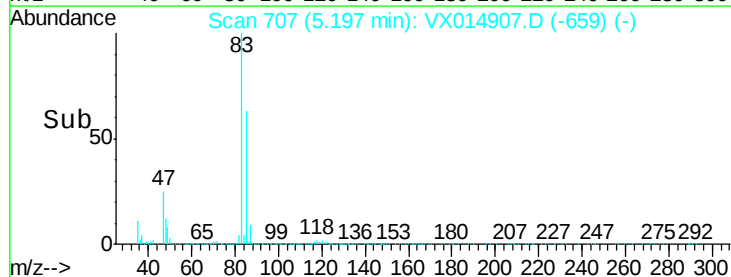
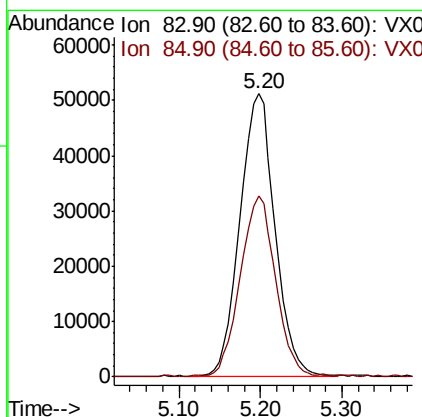
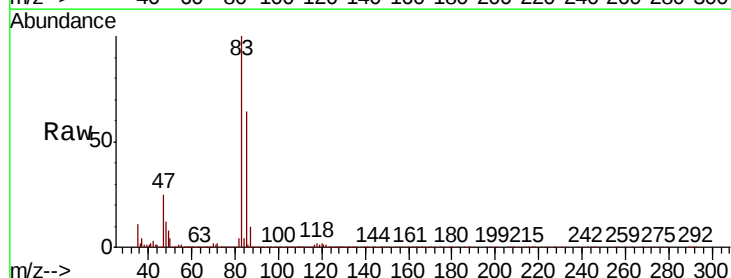
RT: 5.20 min Scan# 707

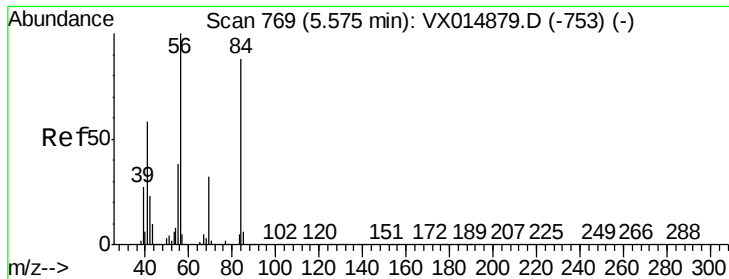
Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion	83	Resp	153556
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.9	79.3





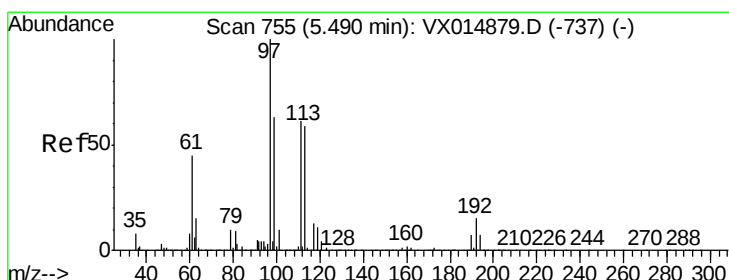
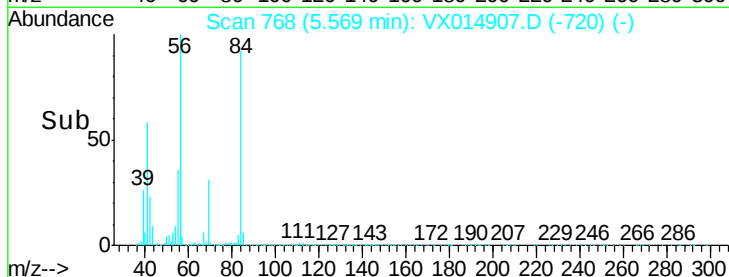
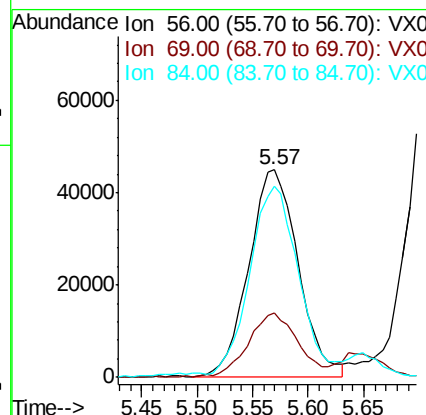
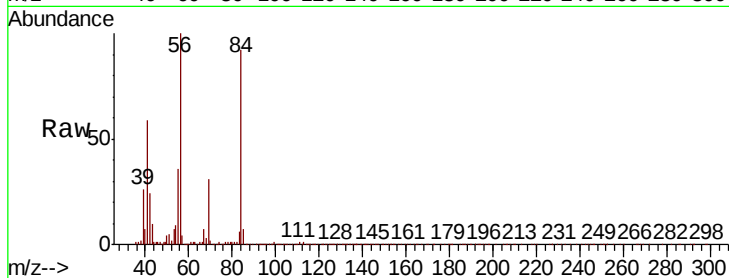
#31
Cyclohexane
Concen: 18.657 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.9	38.9
84	90.3	70.4	105.6

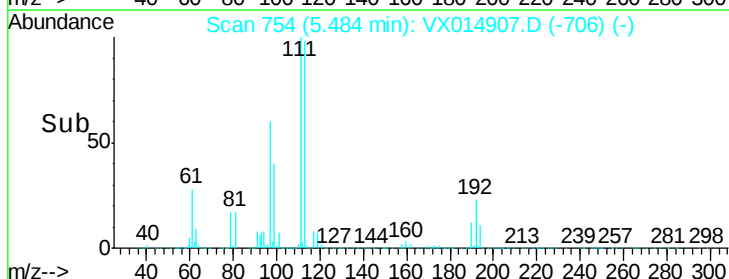
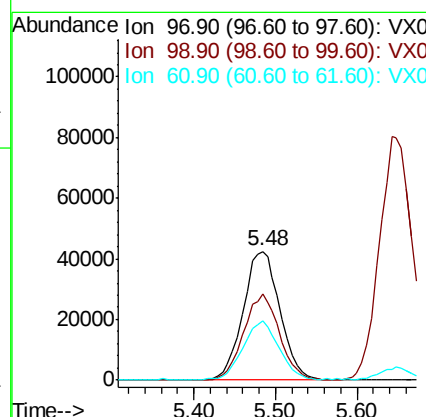
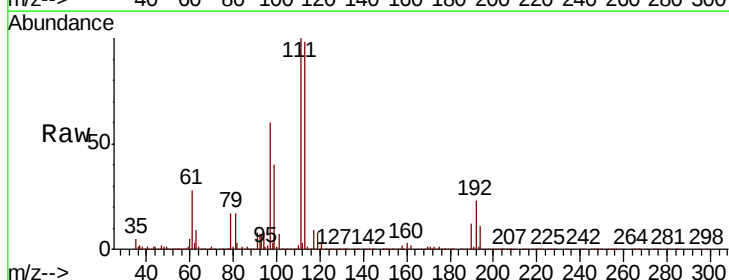
Manual Integrations
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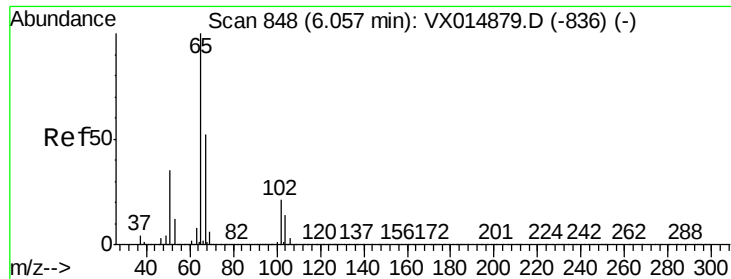
MMDadoda
2/12/2020 3:04:16 PM



#32
1,1,1-Trichloroethane
Concen: 18.916 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	44.5	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 47.561 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 65 Resp: 248322

Ion Ratio Lower Upper

65 100

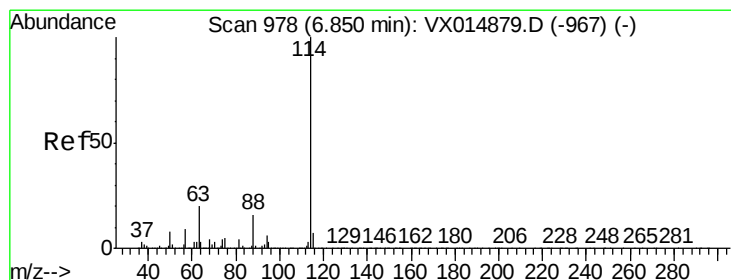
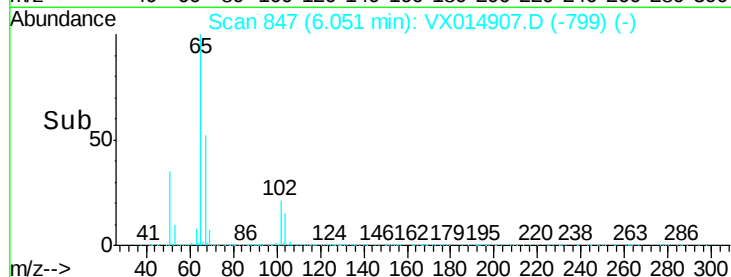
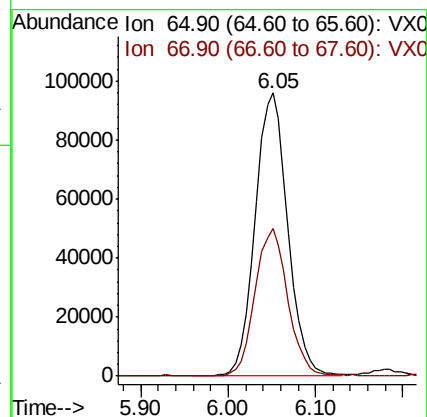
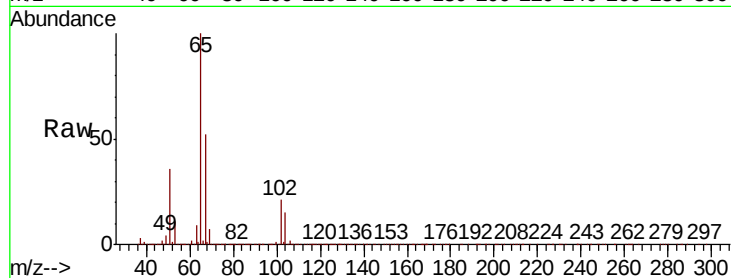
67 52.1 0.0 103.0

Manual Integrations

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2/12/2020 3:04:16 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

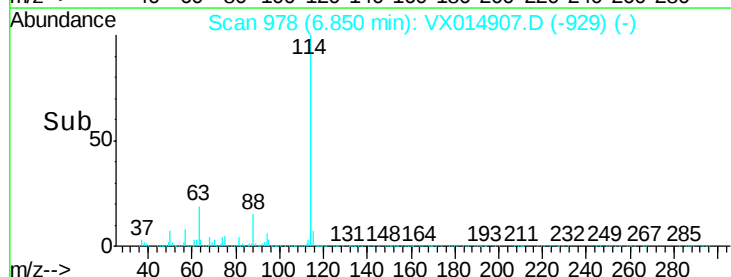
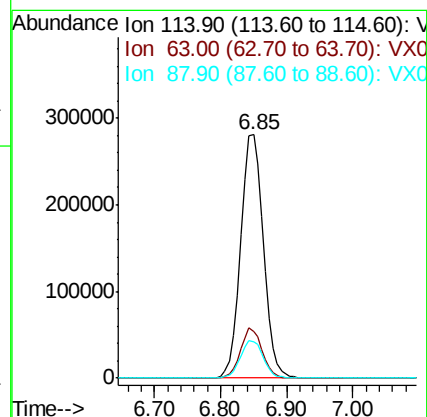
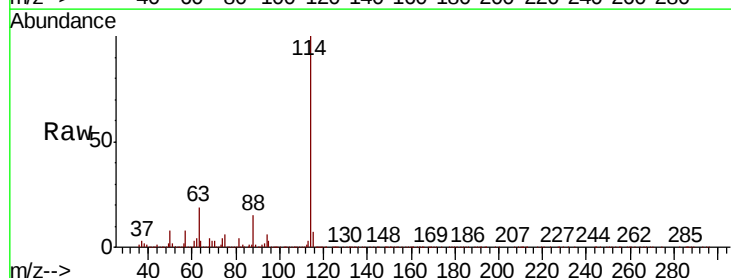
Tgt Ion: 114 Resp: 669708

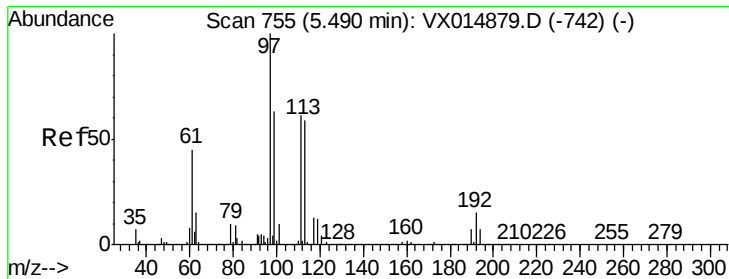
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 15.1 0.0 32.0





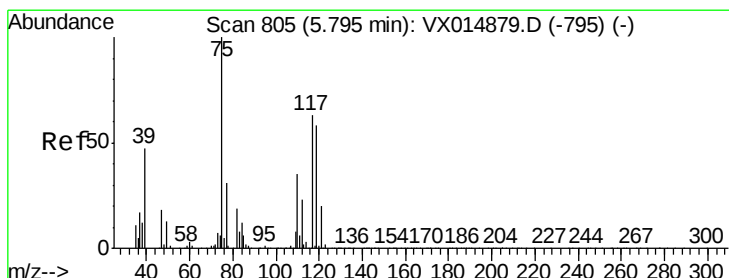
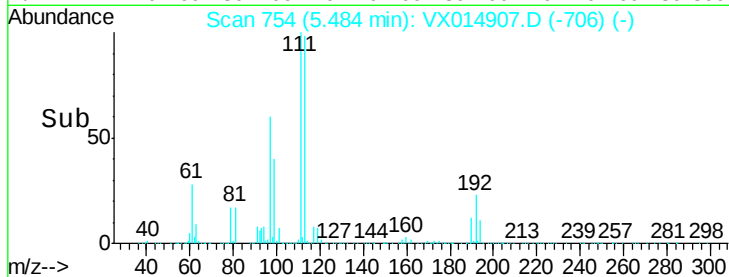
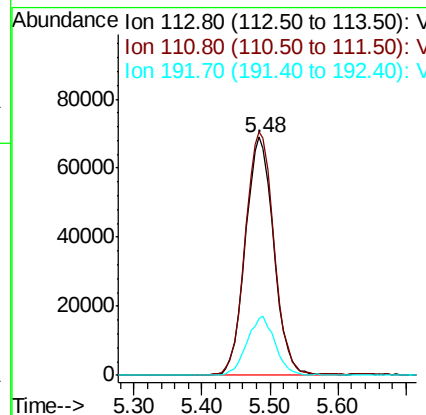
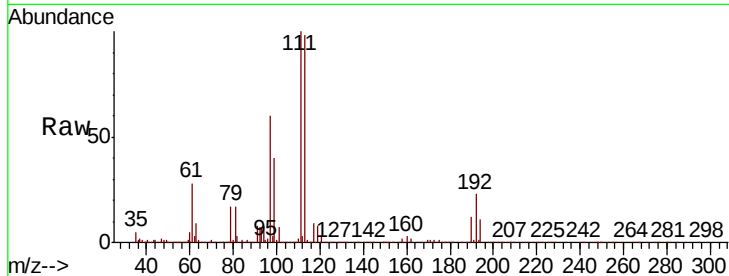
#35
 Dibromofluoromethane
 Concen: 48.443 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	199448		
111	103.6	82.4	123.6	
192	24.6	19.1	28.7	

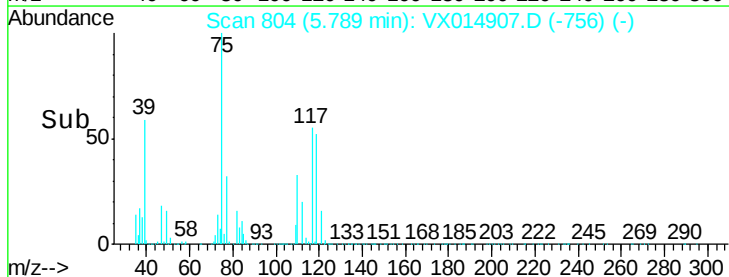
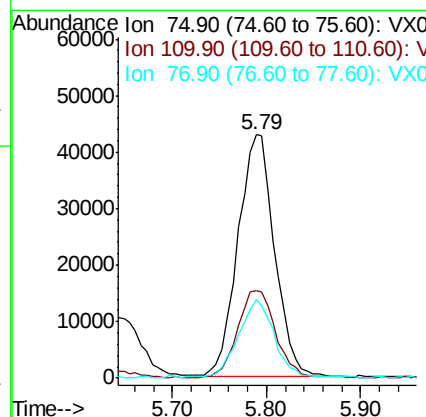
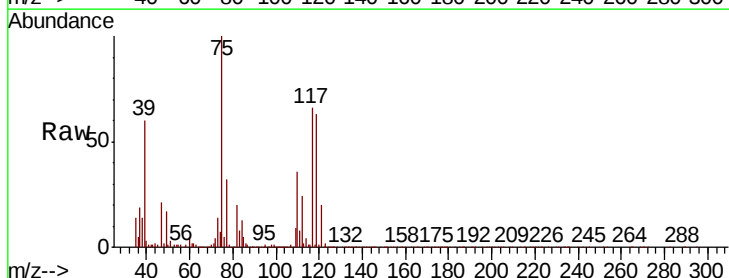
Manual Integrations
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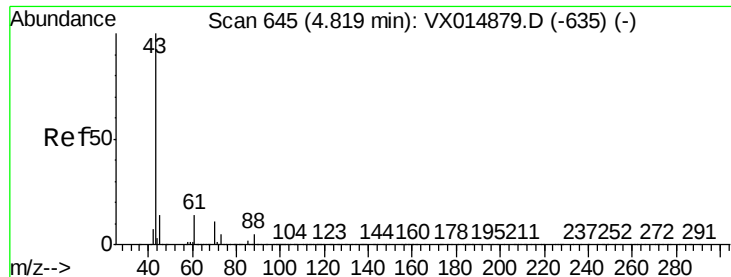
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#36
 1,1-Dichloropropene
 Concen: 19.462 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	116592		
110	37.0	18.3	54.8	
77	30.4	24.6	36.8	





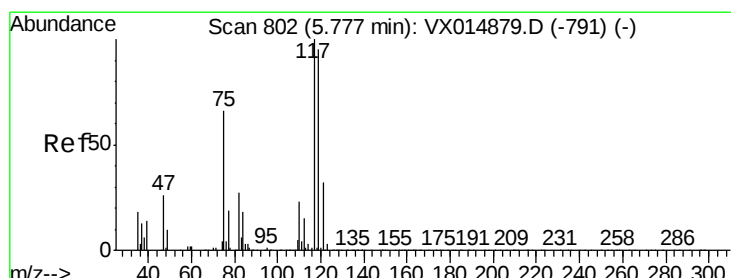
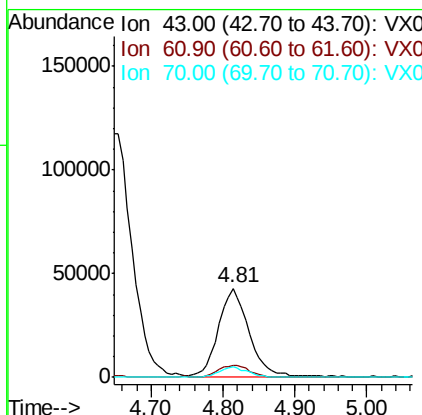
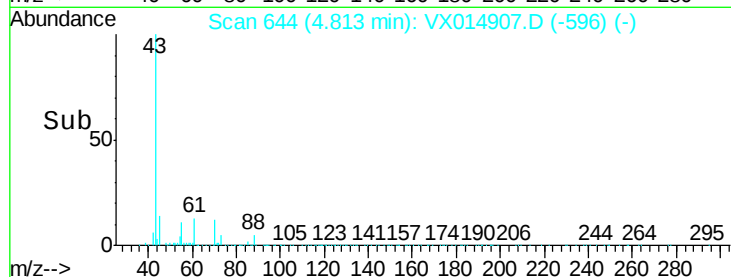
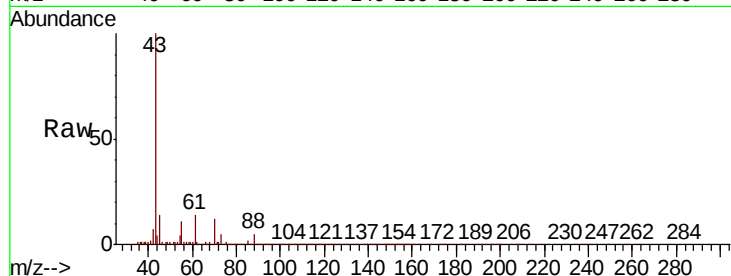
#37
Ethyl Acetate
Concen: 19.894 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	43	Resp	124301
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.9	16.3
70	10.8	8.7	13.1

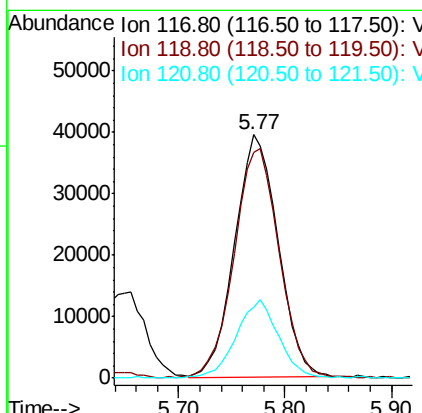
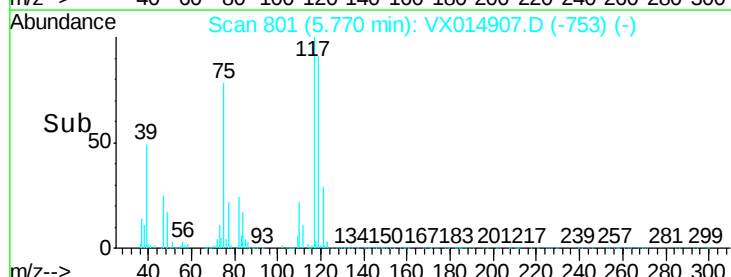
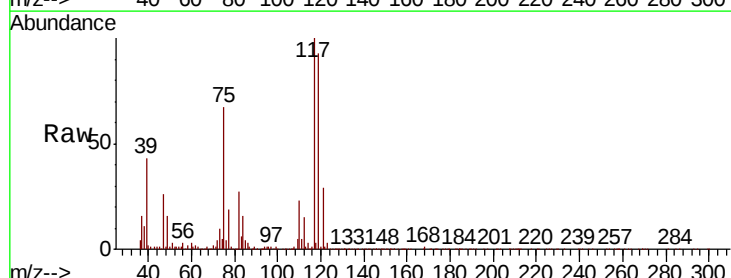
Manual Integrations
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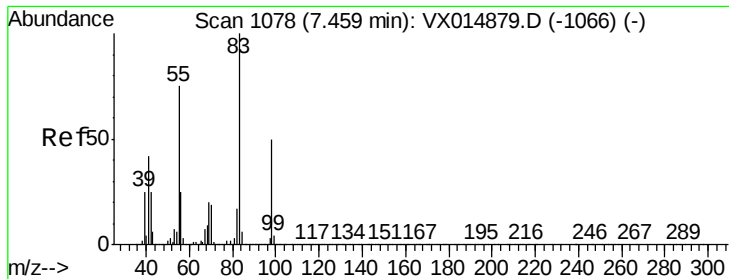
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#38
Carbon Tetrachloride
Concen: 19.349 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	117	Resp	112965
Ion Ratio	Lower	Upper	
117	100		
119	92.8	76.0	114.0
121	28.8	25.4	38.2





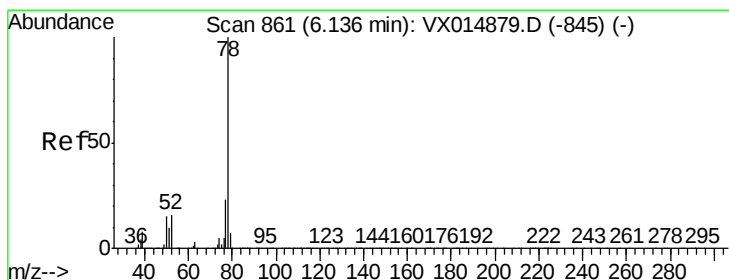
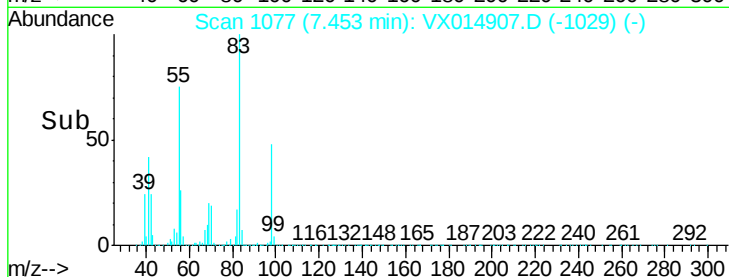
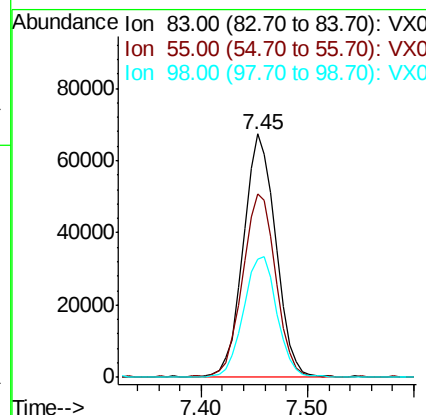
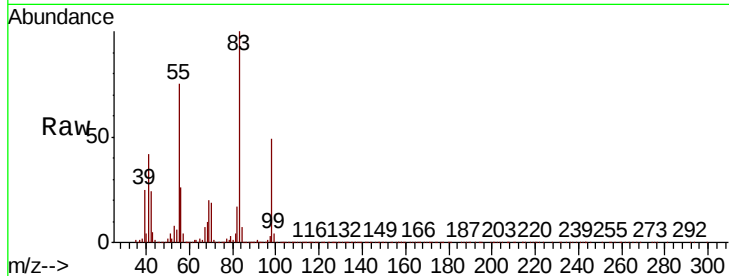
#39
Methvlcvclohexane
Concen: 19.151 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	143485		
55	75.0	60.0	90.0	
98	48.4	39.6	59.4	

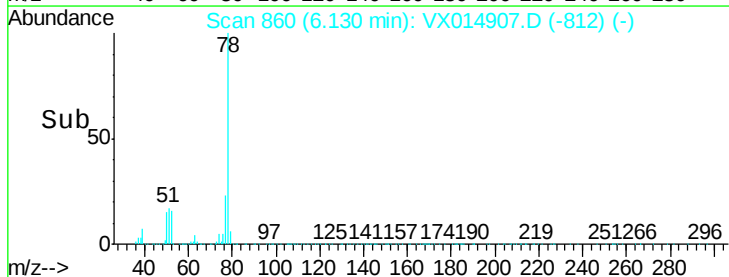
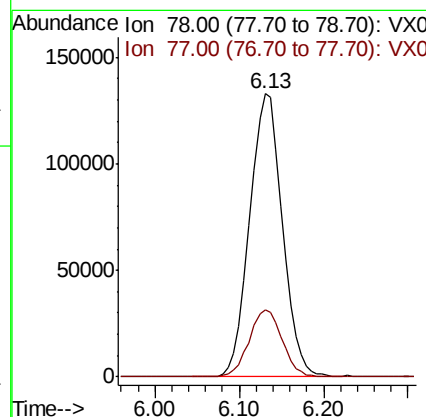
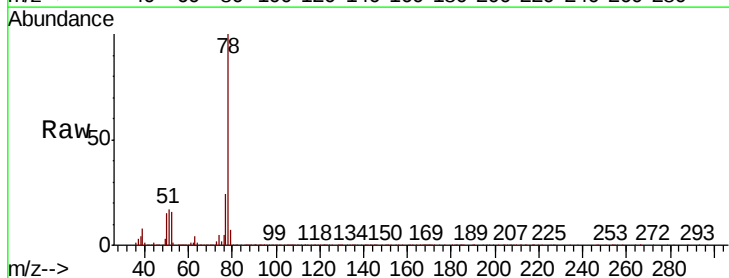
Manual Integrations
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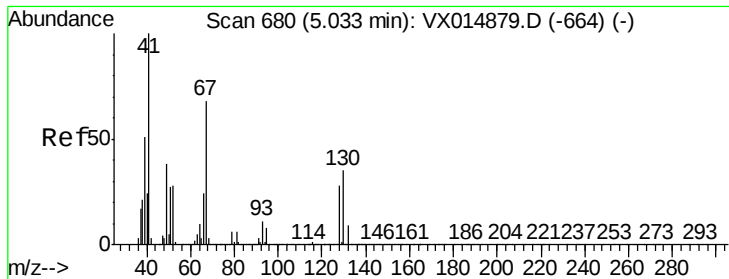
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#40
Benzene
Concen: 19.569 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	350268		
77	23.6	18.8	28.2	





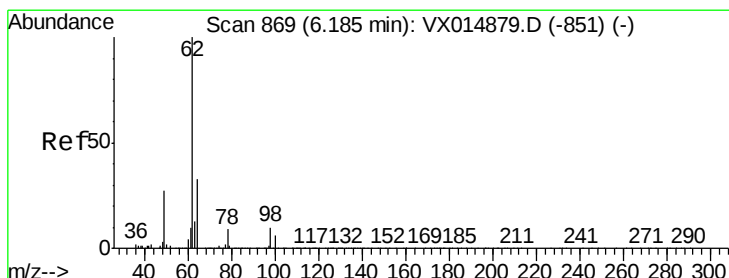
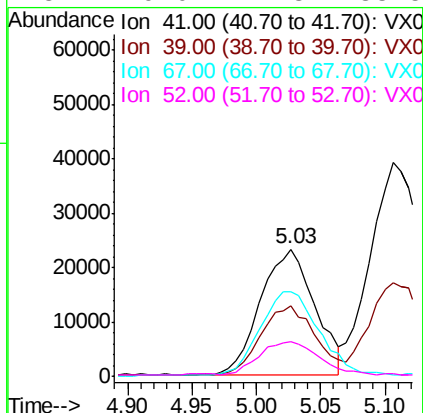
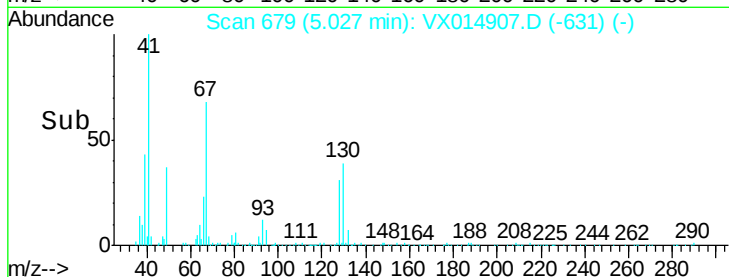
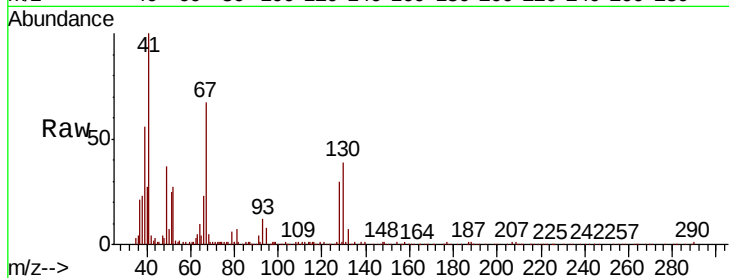
#41
Methacrylonitrile
Concen: 20.249 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	44.7	67.1	
67	71.6	56.6	84.8	
52	29.0	22.3	33.5	

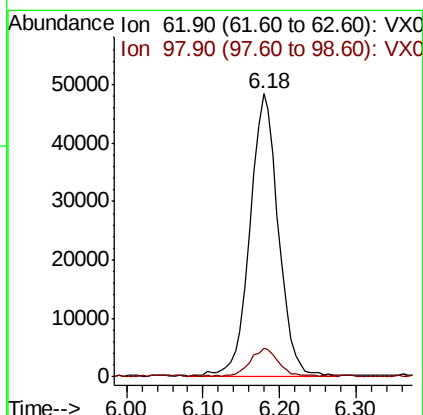
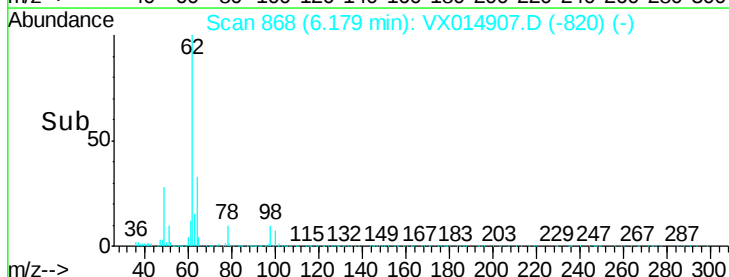
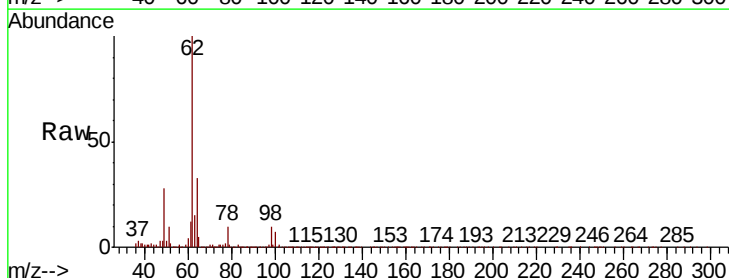
Manual Integrations
APPROVED

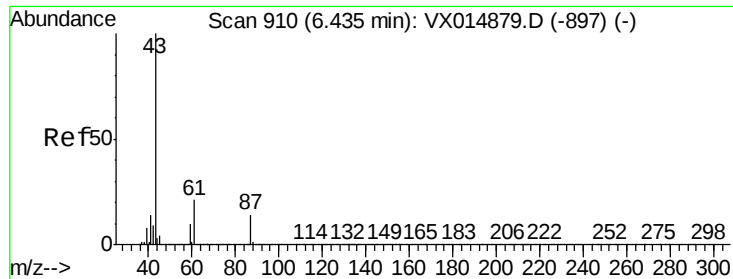
MMDadoda
2/12/2020 3:04:16 PM



#42
1,2-Dichloroethane
Concen: 19.277 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.2	





#43

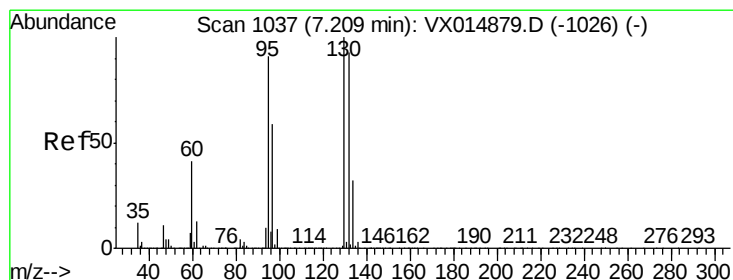
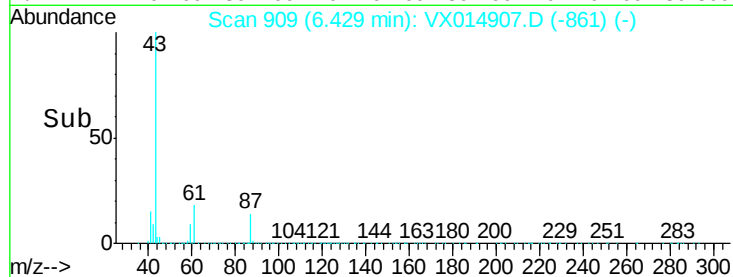
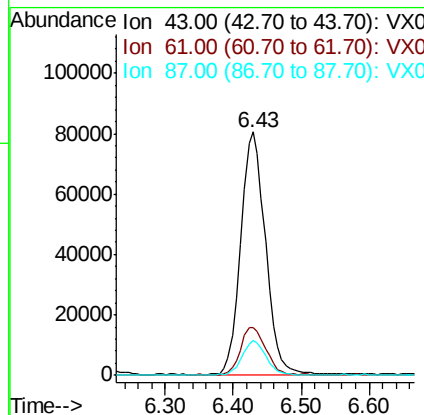
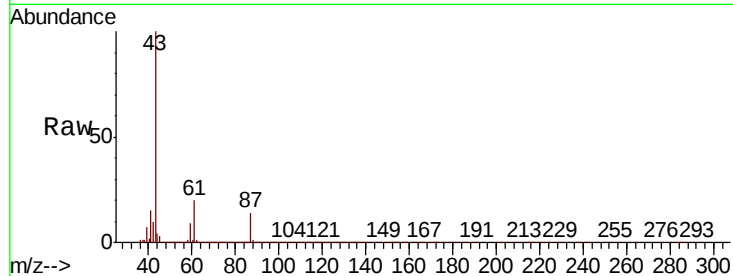
Isopropyl Acetate
 Concen: 19.786 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	43	Resp	203940
Ion Ratio	Lower	Upper	
43	100		
61	19.7	16.2	24.4
87	13.7	11.0	16.6

Manual Integrations
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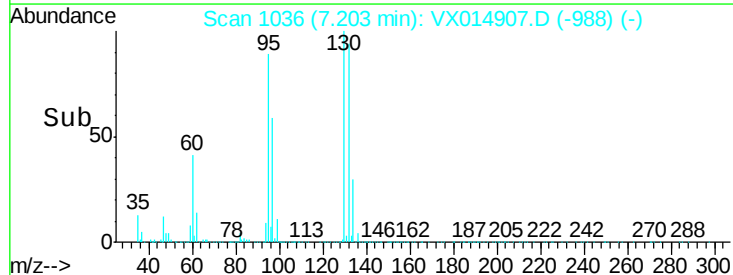
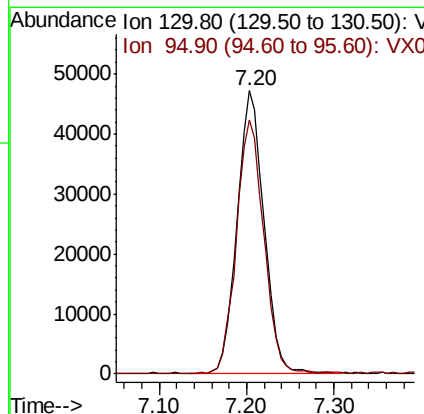
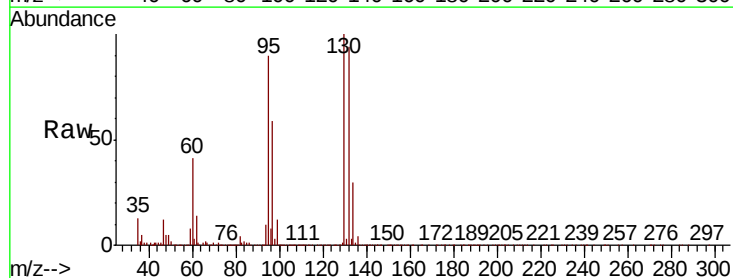
MMDadoda
 2/12/2020 3:04:16 PM

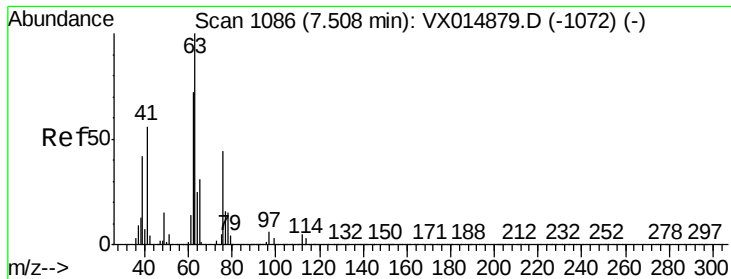


#44

Trichloroethene
 Concen: 19.302 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Tgt Ion	130	Resp	100298
Ion Ratio	Lower	Upper	
130	100		
95	89.8	0.0	182.6





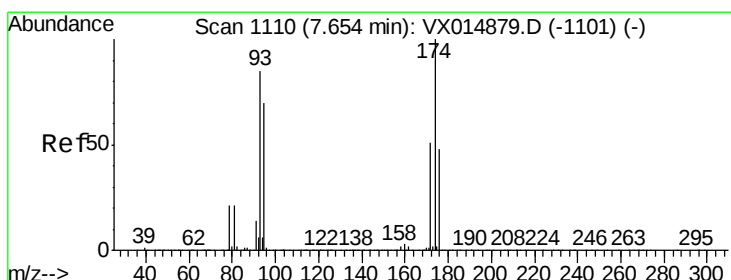
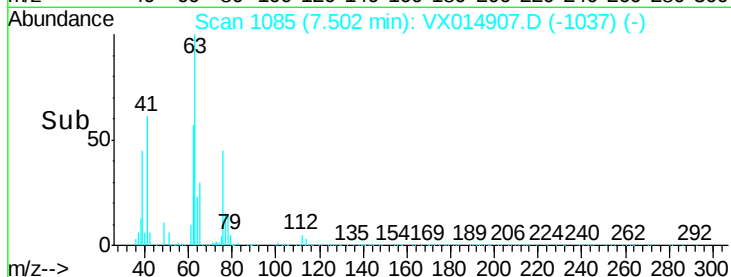
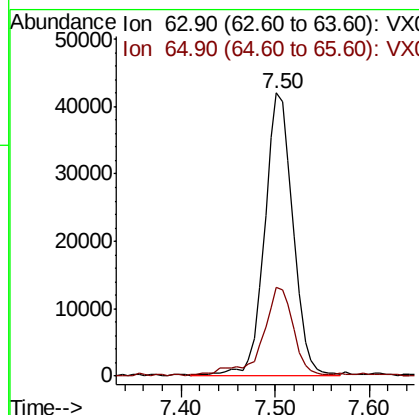
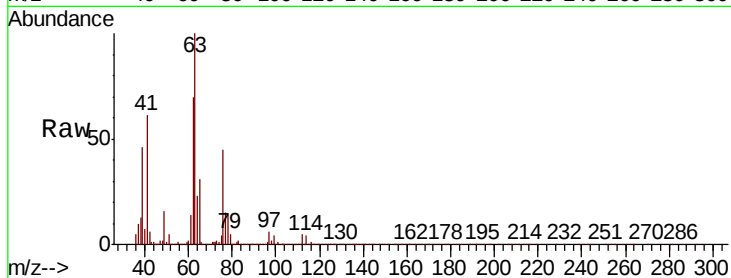
#45
 1,2-Dichloropropane
 Concen: 19.197 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.9	37.3

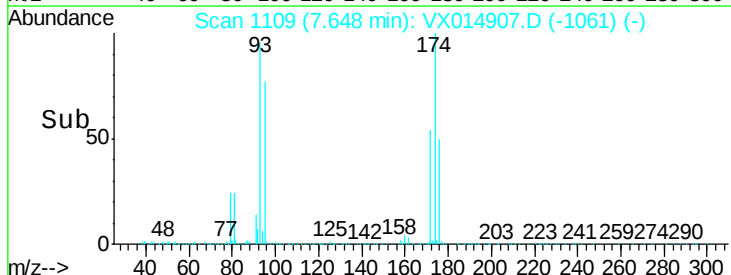
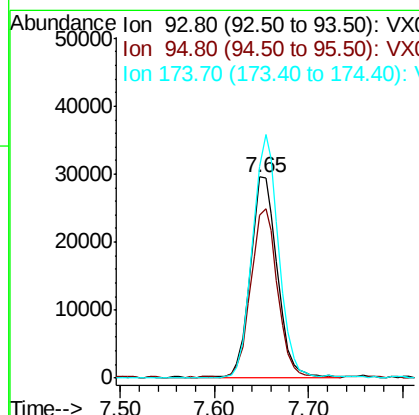
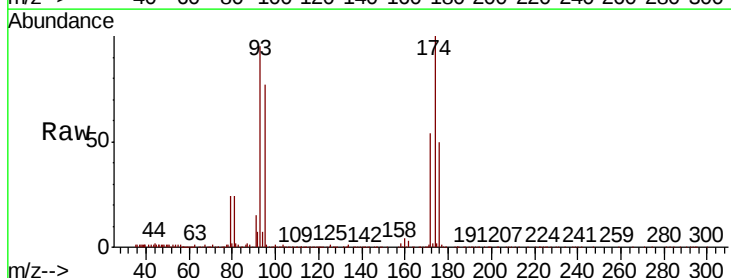
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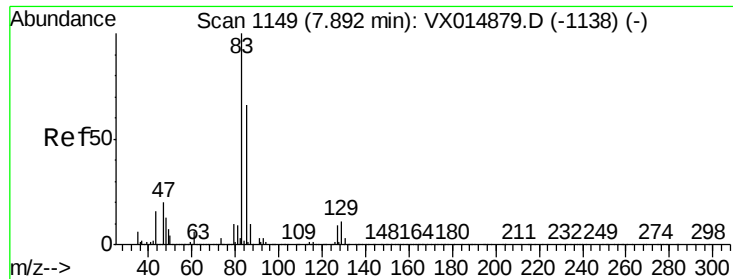
MMDadoda
 2/12/2020 3:04:16 PM



#46
 Dibromomethane
 Concen: 18.845 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.8	98.8
174	119.7	95.4	143.2





#47

Bromodichloromethane

Concen: 18.686 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

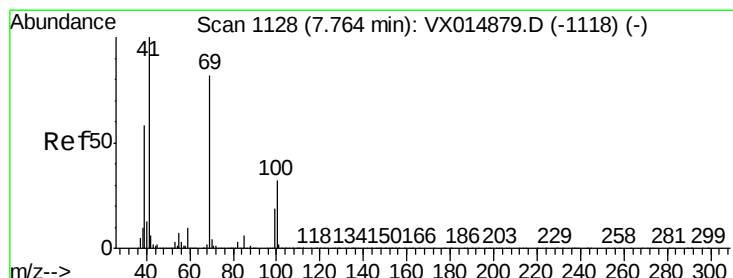
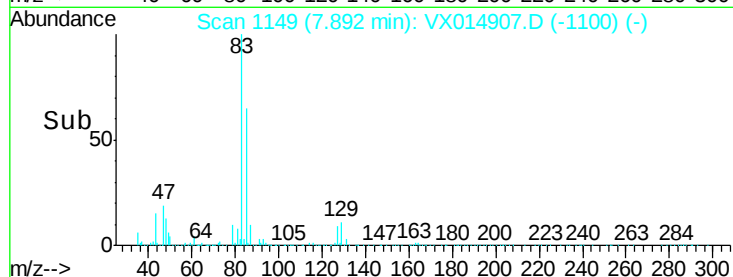
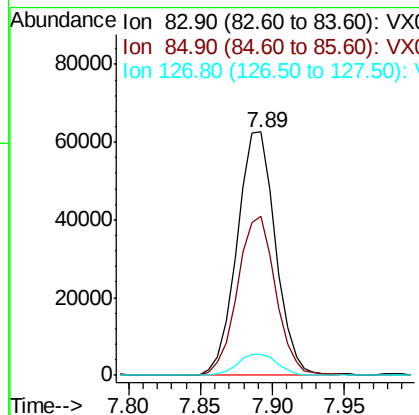
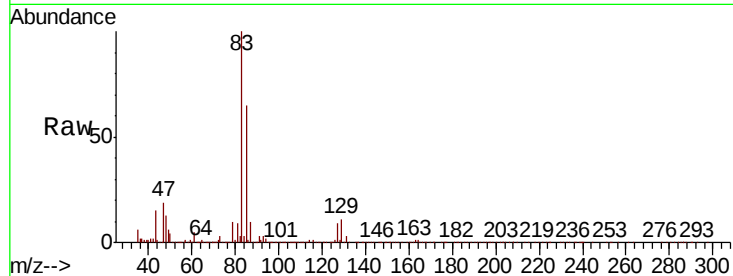
ClientSampleId :

VX0211WBS01

Tot Ion:	83	Resp:	115610
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.5	78.7
127	8.5	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:16 PM



#48

Methyl methacrylate

Concen: 19.374 ug/l

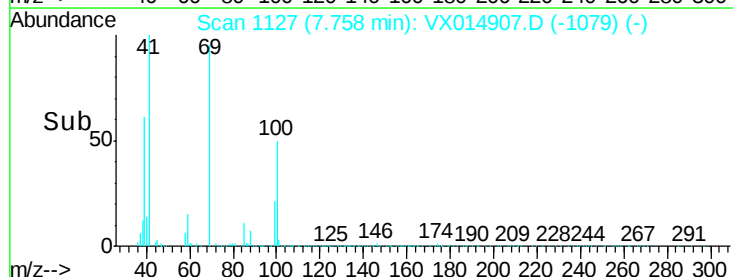
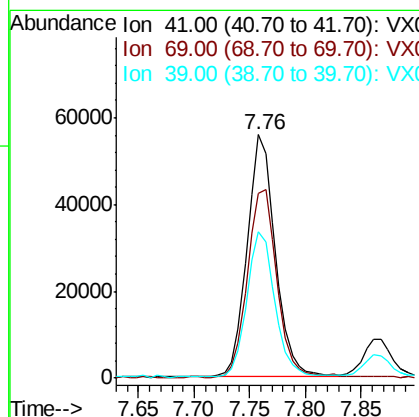
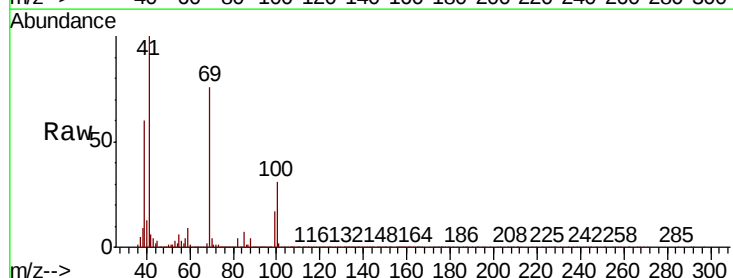
RT: 7.76 min Scan# 1127

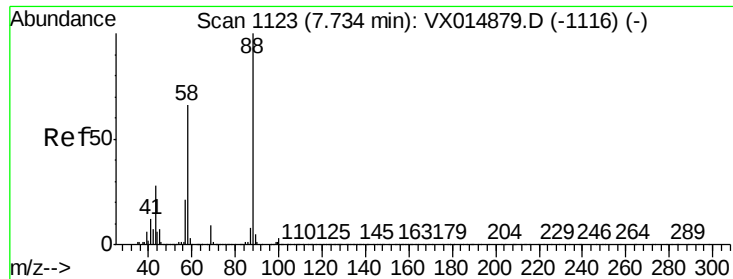
Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	41	Resp:	98277
Ion Ratio	Lower	Upper	
41	100		
69	82.3	65.7	98.5
39	60.3	45.8	68.8





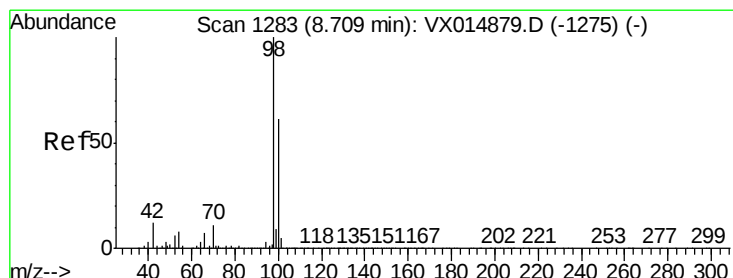
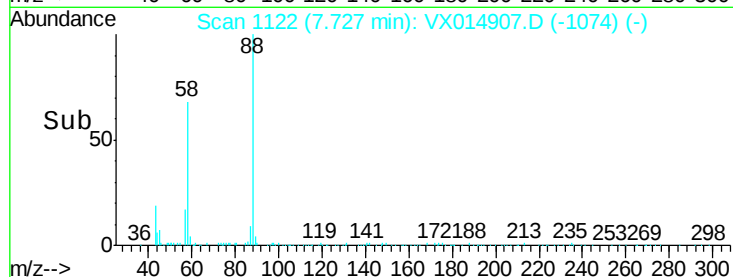
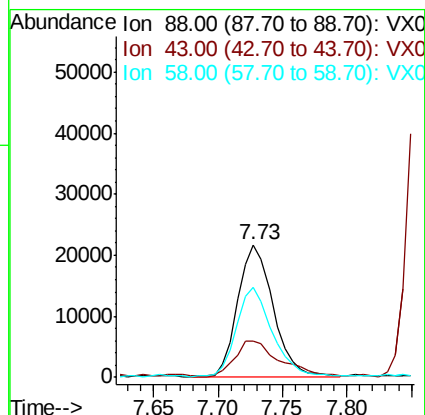
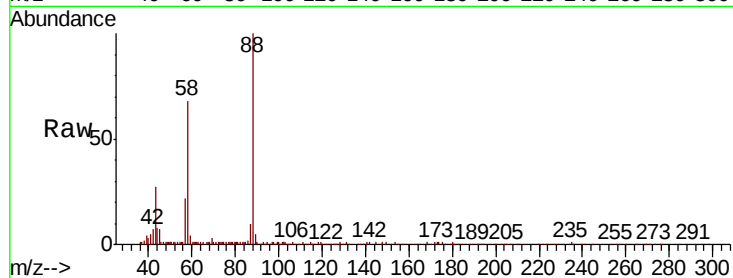
#49
1,4-Dioxane
Concen: 440.853 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	27.0	40.4
58	67.6	53.2	79.8

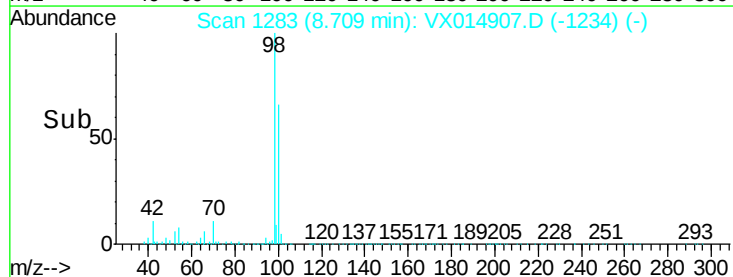
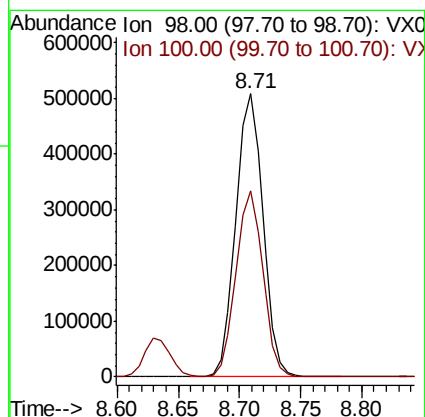
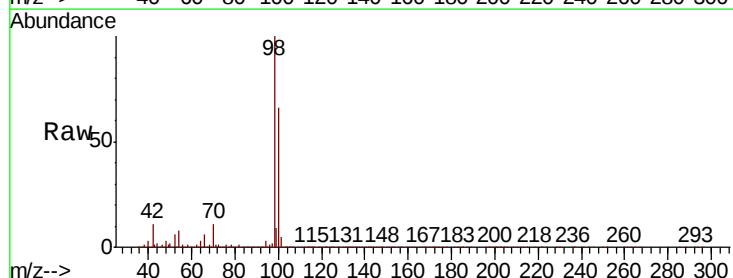
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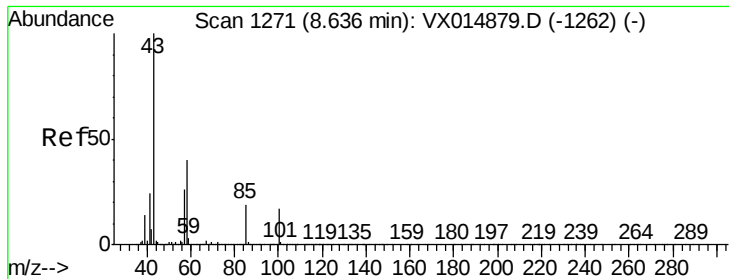
MMDadoda
2/12/2020 3:04:16 PM



#50
Toluene-d8
Concen: 49.523 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 100.707 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 43 Resp: 626780

Ion Ratio Lower Upper

43 100

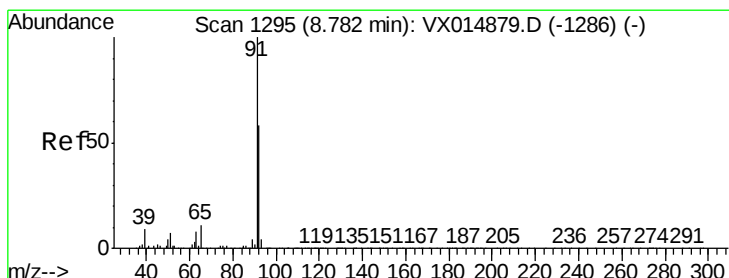
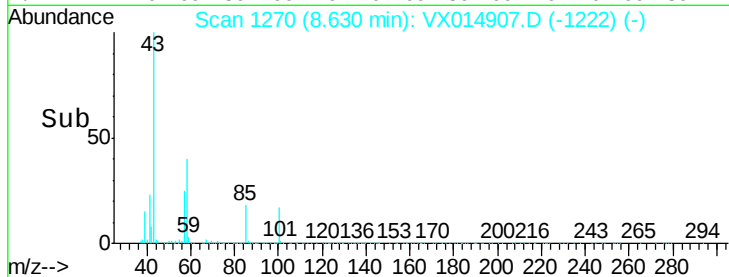
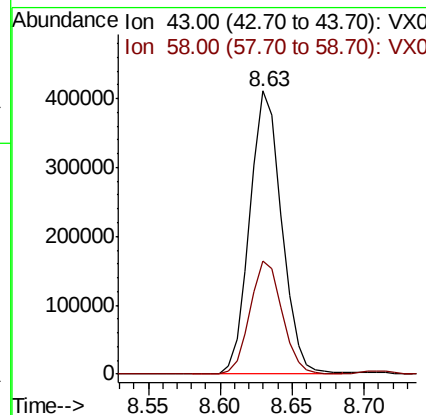
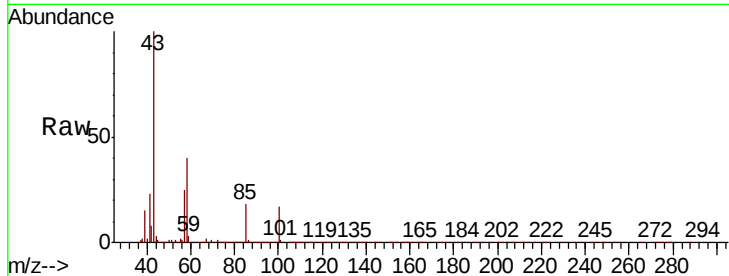
58 40.6 31.9 47.9

Manual Integrations

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MMDadoda

2/12/2020 3:04:16 PM



#52

Toluene

Concen: 19.561 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014907.D

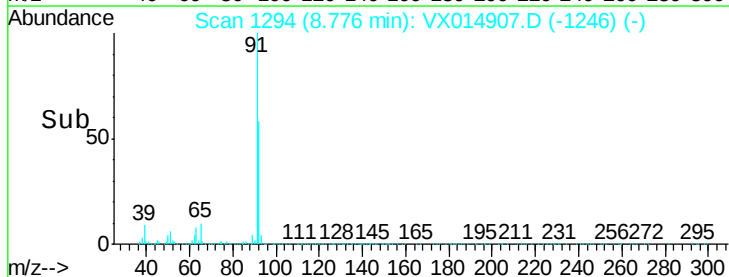
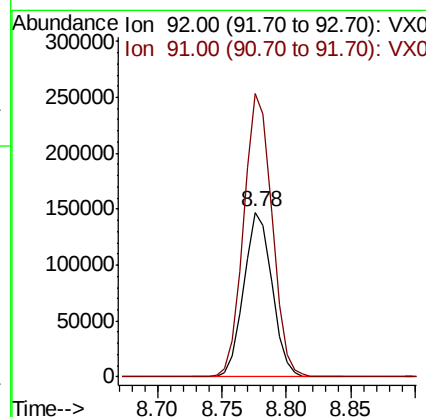
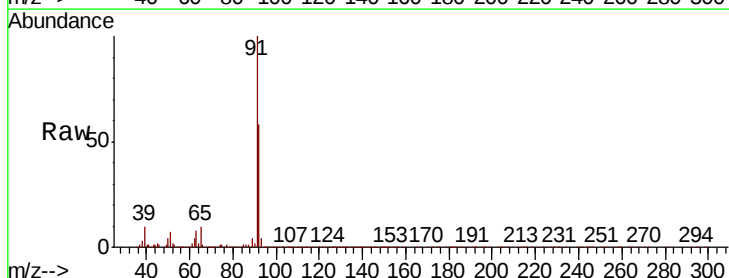
Acq: 11 Feb 2020 11:28

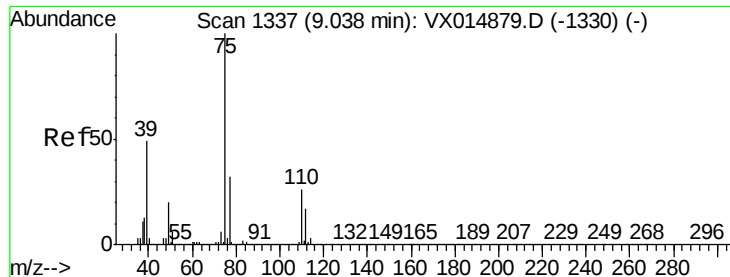
Tgt Ion: 92 Resp: 222375

Ion Ratio Lower Upper

92 100

91 174.0 137.0 205.4





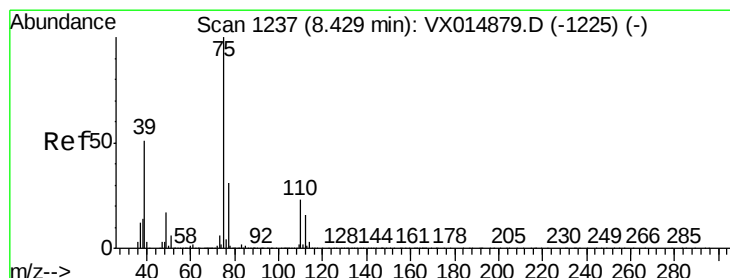
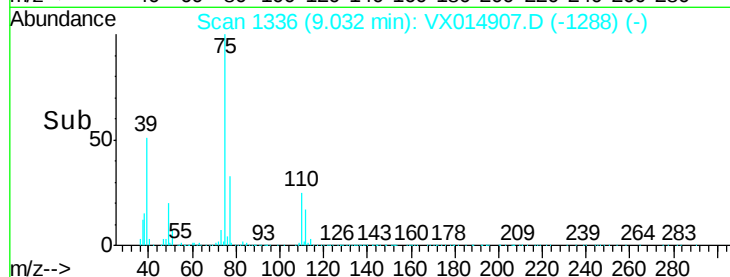
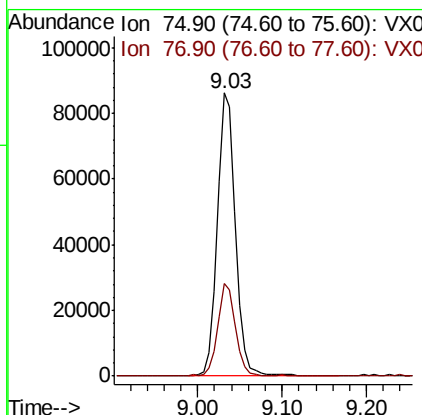
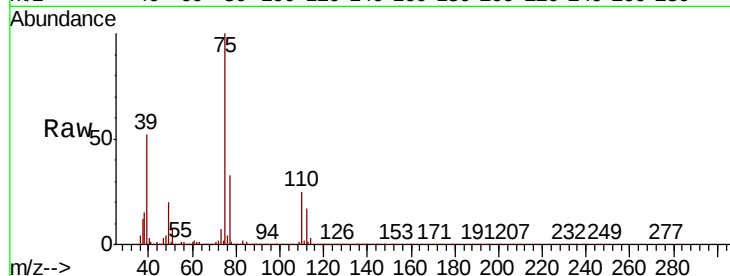
#53
t-1,3-Dichloropropene
Concen: 18.750 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.5	38.3

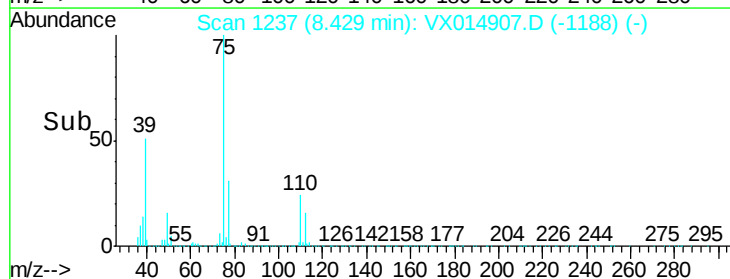
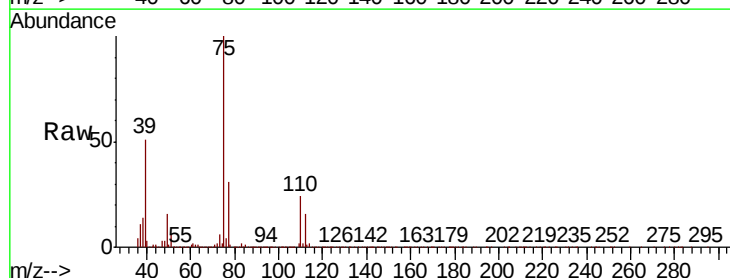
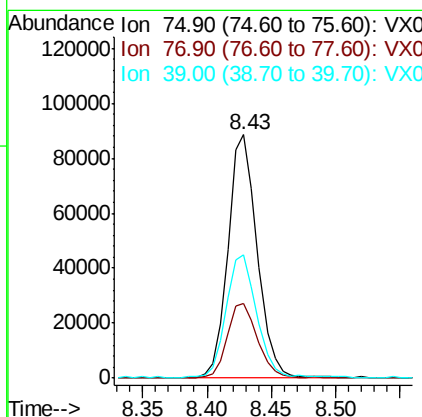
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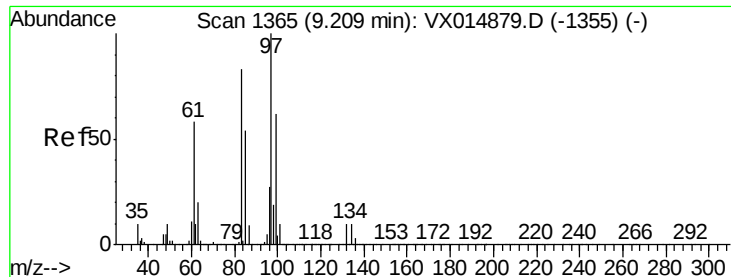
MMDadoda
2/12/2020 3:04:16 PM



#54
cis-1,3-Dichloropropene
Concen: 18.803 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.6	37.0
39	50.3	40.9	61.3





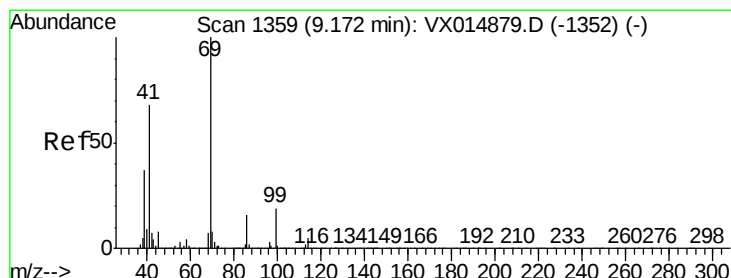
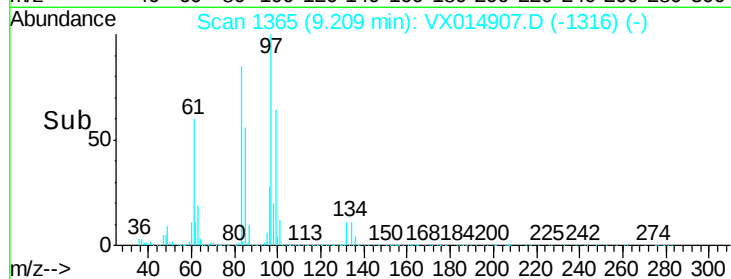
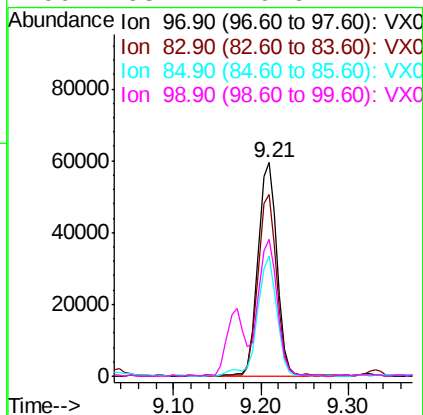
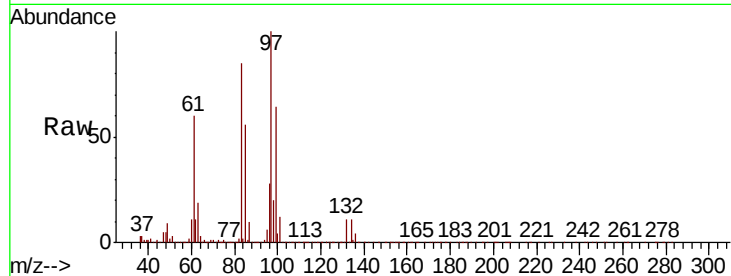
#55
 1,1,2-Trichloroethane
 Concen: 19.558 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		89958		
83	84.7	66.6	99.8		
85	56.2	43.5	65.3		
99	63.7	49.6	74.4		

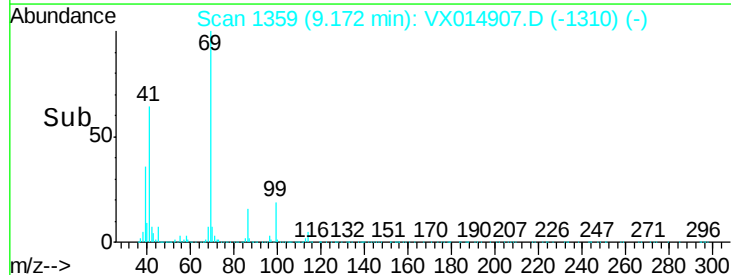
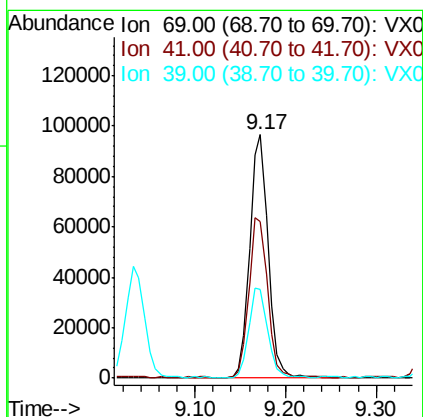
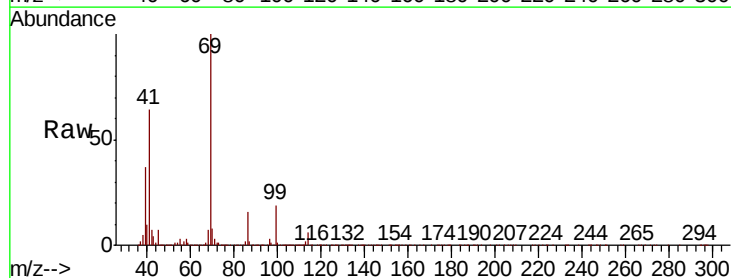
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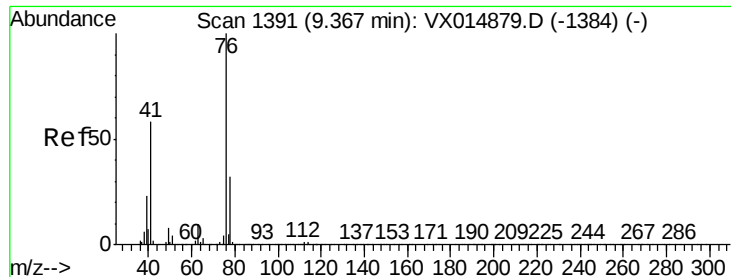
MMDadoda
 2/12/2020 3:04:16 PM



#56
 Ethyl methacrylate
 Concen: 19.687 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		136106		
41	66.4	54.8	82.2		
39	37.4	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 19.235 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 76 Resp: 148925

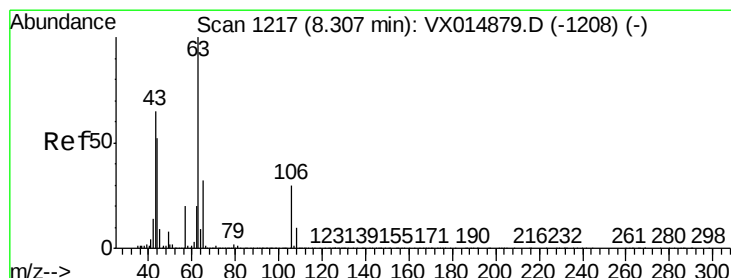
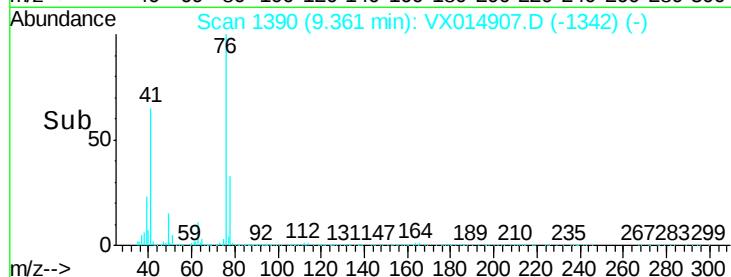
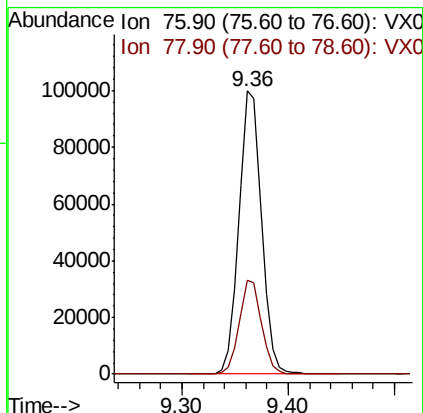
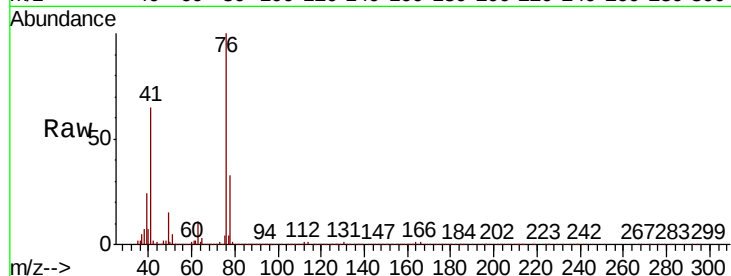
Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8

Manual Integrations
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2/12/2020 3:04:16 PM



#58

2-Chloroethyl Vinyl ether

Concen: 98.874 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014907.D

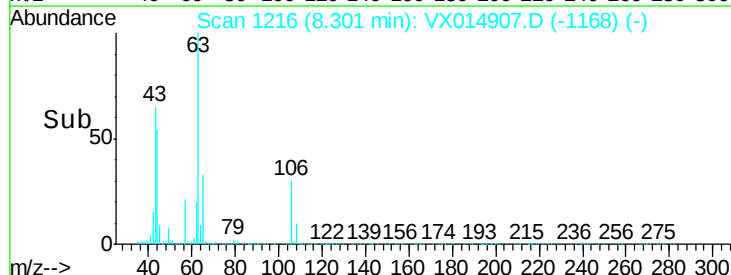
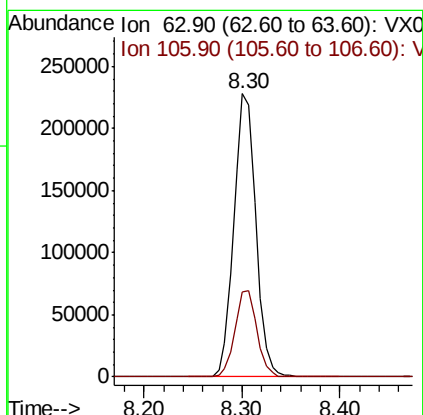
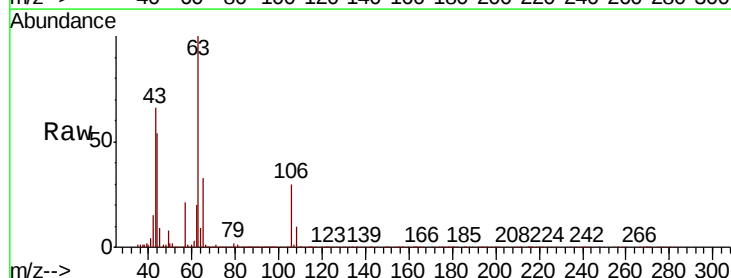
Acq: 11 Feb 2020 11:28

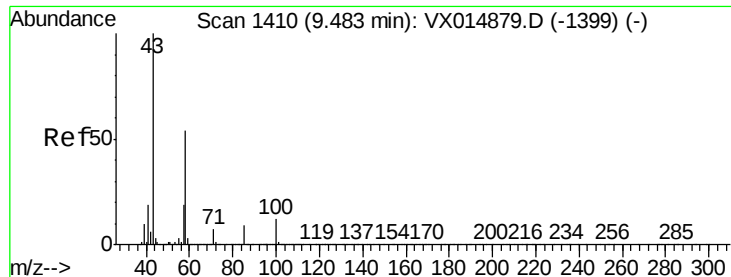
Tgt Ion: 63 Resp: 357488

Ion Ratio Lower Upper

63 100

106 30.3 23.8 35.8





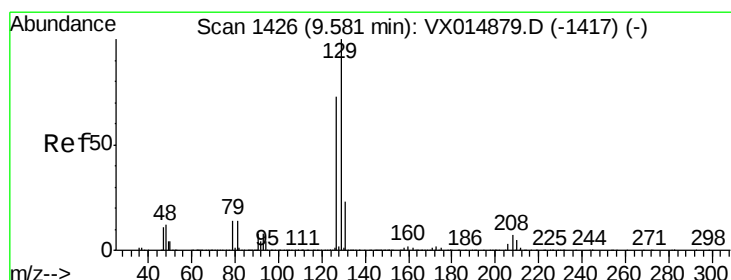
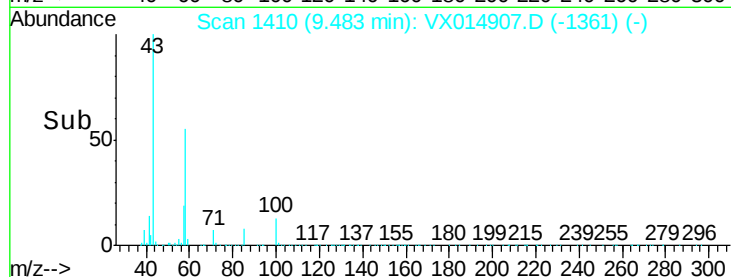
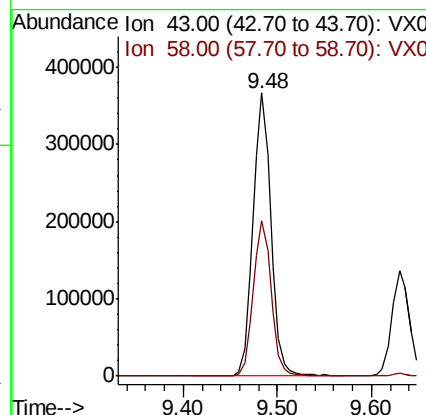
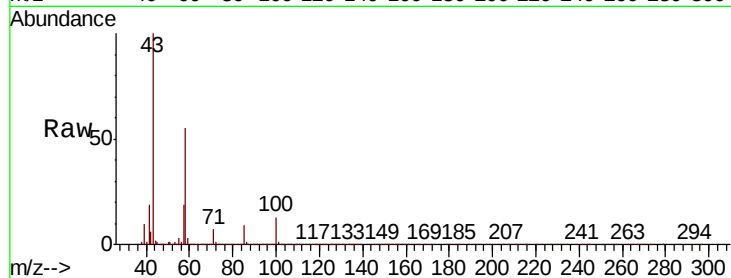
#59
2-Hexanone
Concen: 100.744 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion: 43 Resp: 492838
Ion Ratio Lower Upper
43 100
58 54.7 27.5 82.5

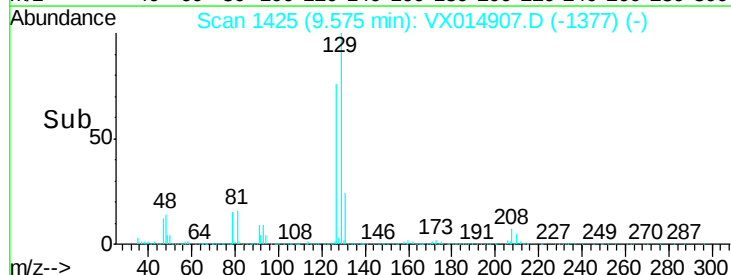
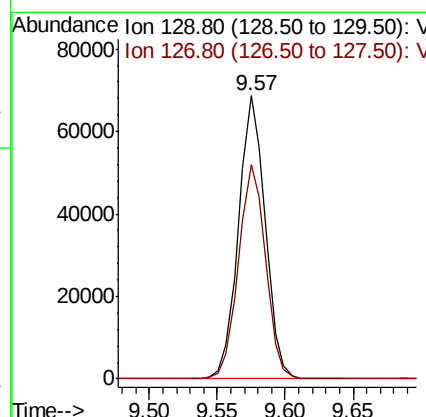
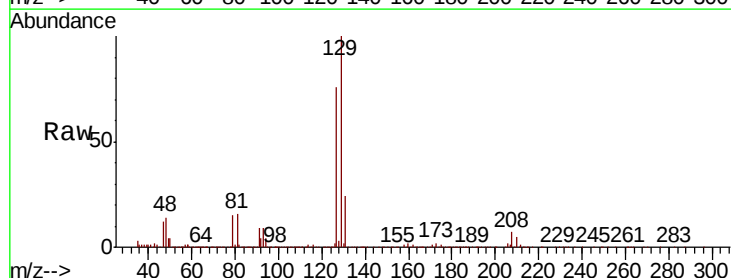
Manual Integrations
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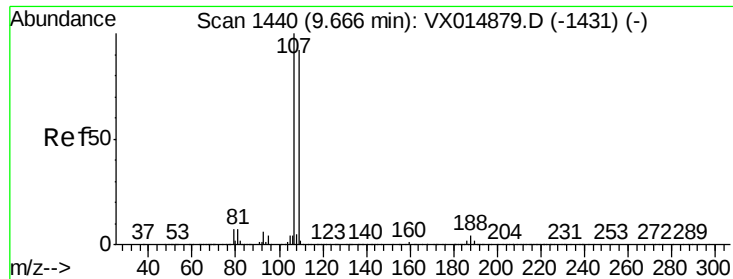
MMDadoda
2/12/2020 3:04:16 PM



#60
Dibromochloromethane
Concen: 18.930 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion: 129 Resp: 93699
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 18.772 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 107 Resp: 93159

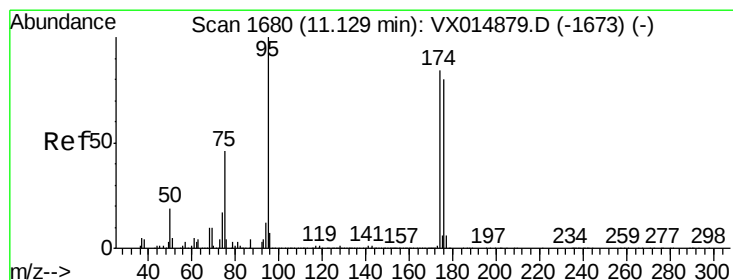
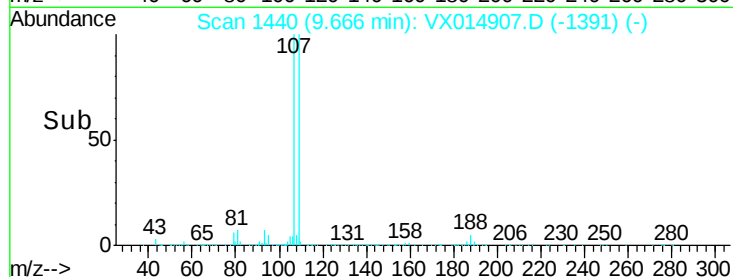
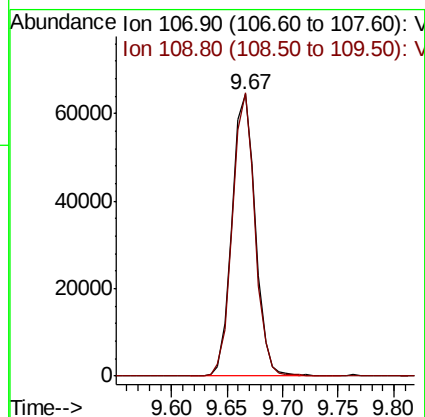
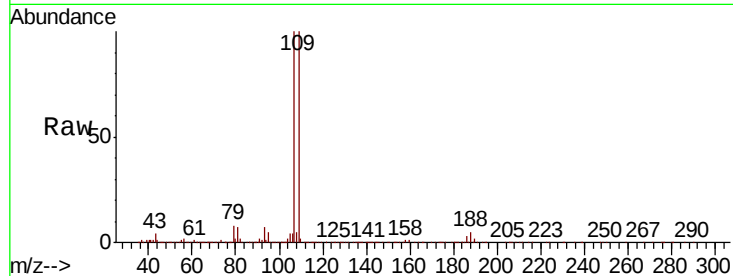
Ion Ratio Lower Upper

107 100

109 97.1 75.6 113.4

Manual Integrations
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MMDadoda
2/12/2020 3:04:16 PM



#62

4-Bromofluorobenzene

Concen: 49.311 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

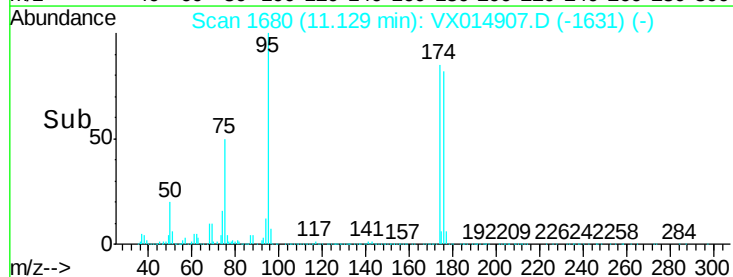
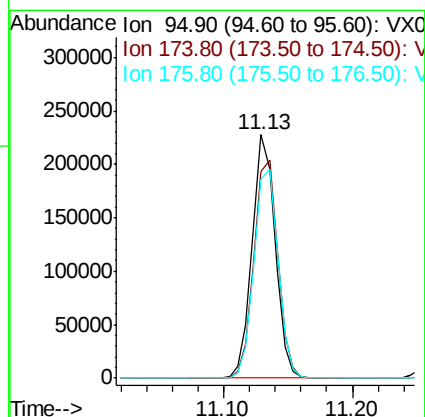
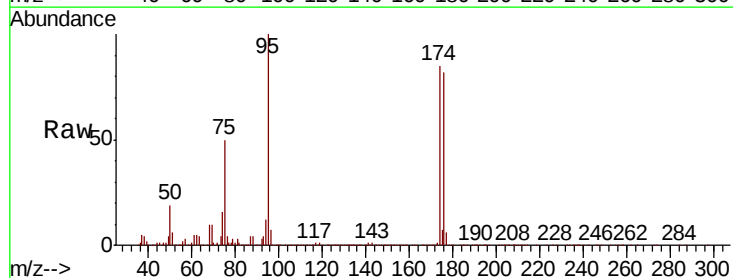
Tgt Ion: 95 Resp: 279162

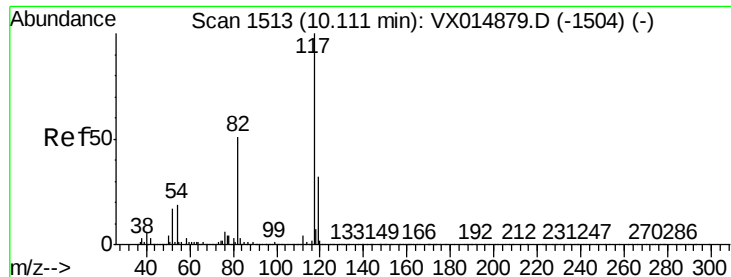
Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.0

176 90.2 0.0 178.0





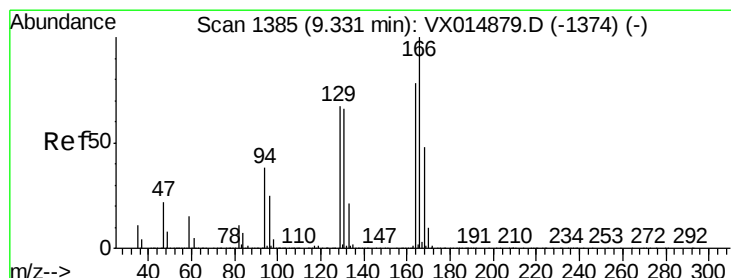
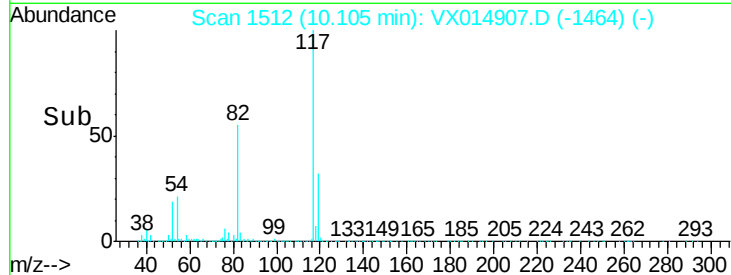
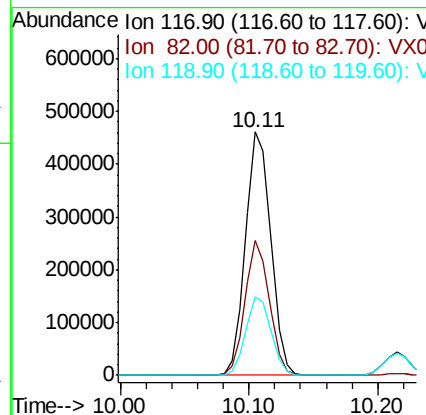
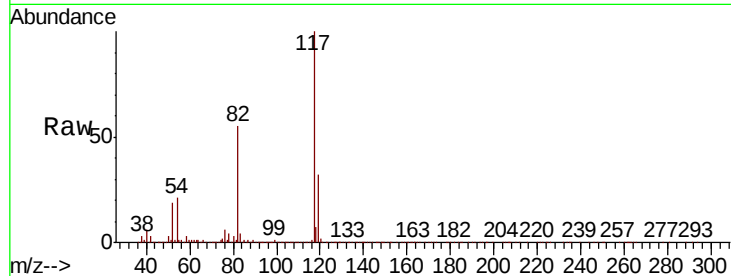
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	40.5	60.7
119	32.1	25.8	38.6

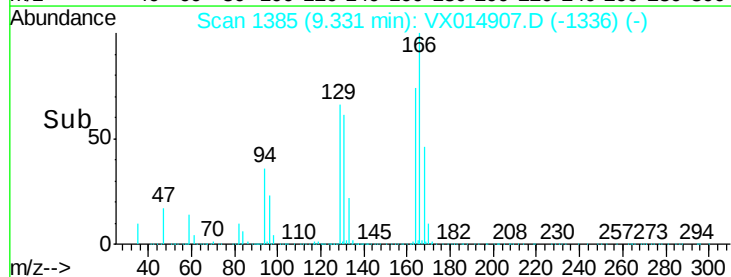
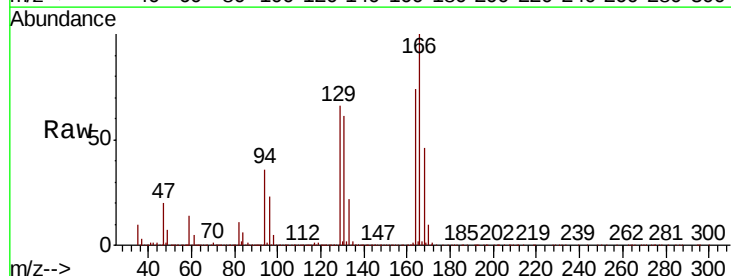
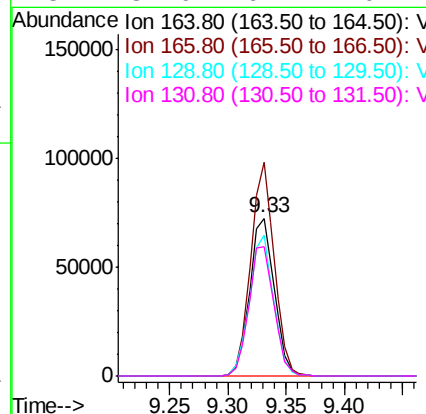
Manual Integrations
APPROVED

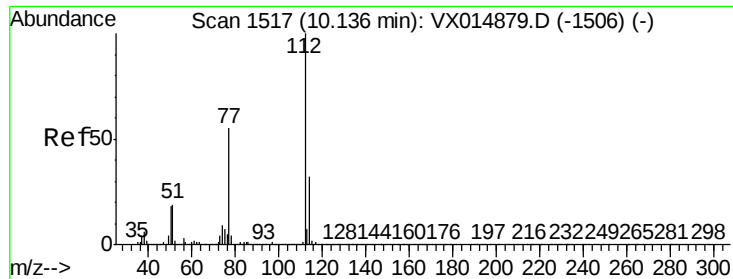
MMDadoda
2/12/2020 3:04:16 PM



#64
Tetrachloroethene
Concen: 18.430 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.0	102.6	153.8
129	88.8	68.3	102.5
131	81.9	67.4	101.2





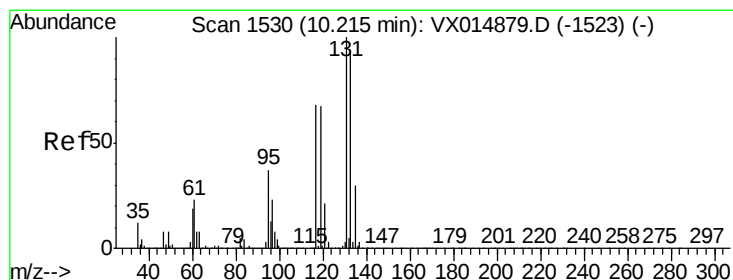
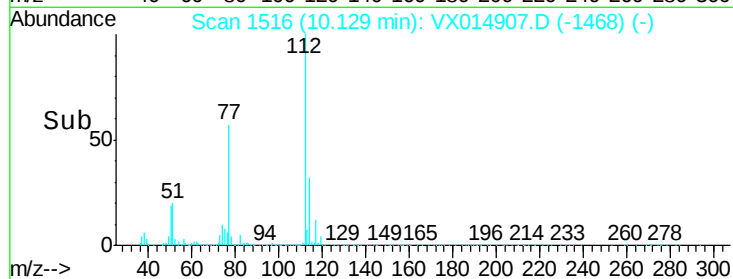
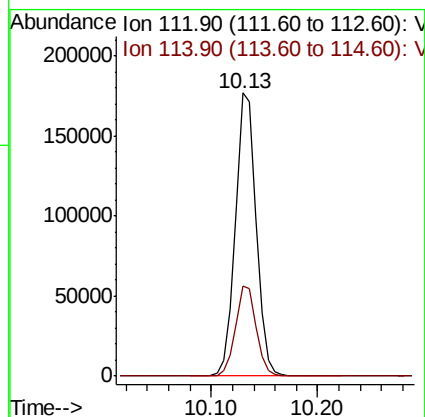
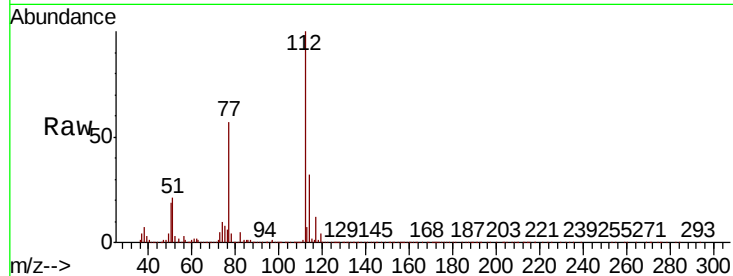
#65
Chlorobenzene
Concen: 19.200 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4

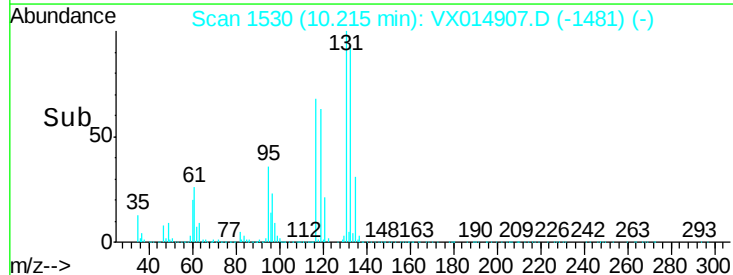
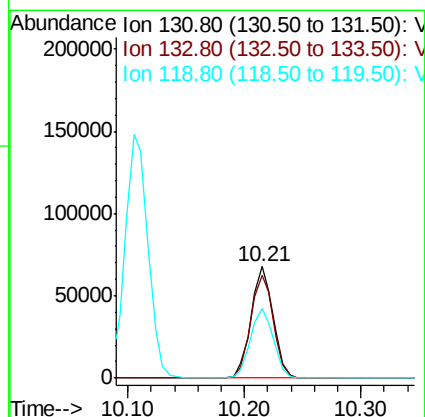
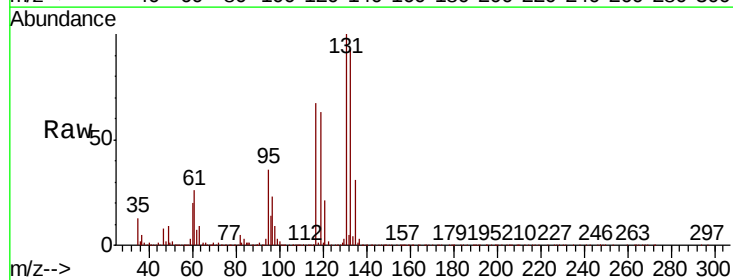
Manual Integrations
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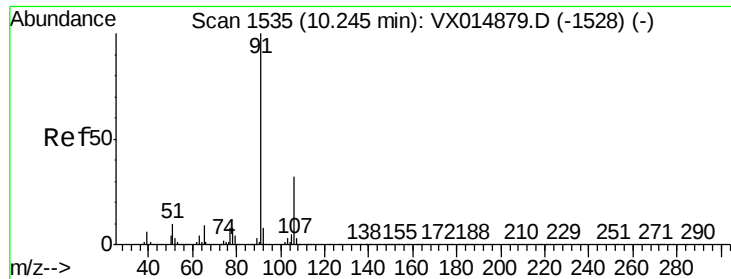
MMDadoda
2/12/2020 3:04:16 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.622 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	48.1	144.4
119	64.4	33.0	99.0





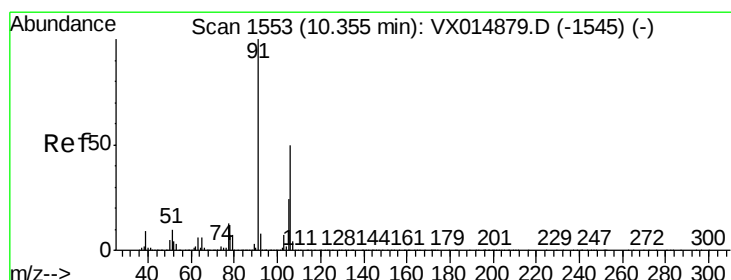
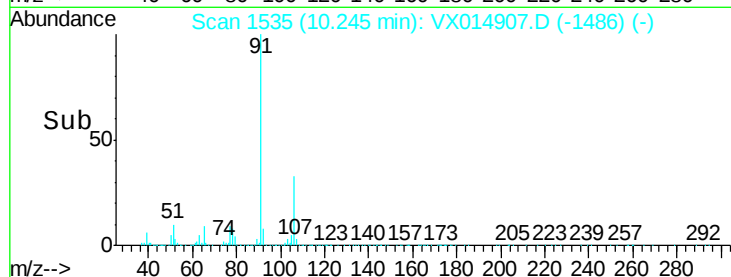
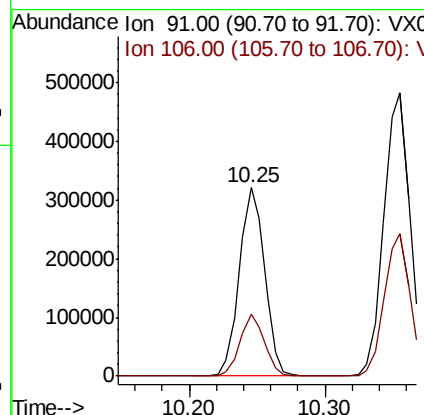
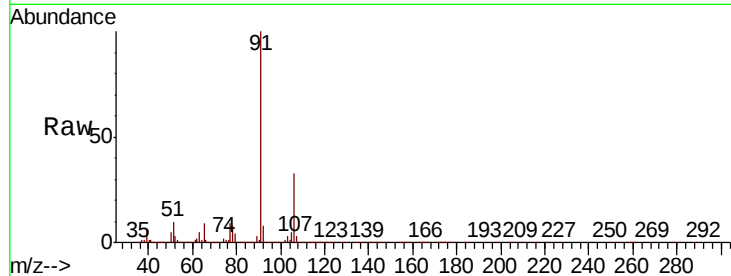
#67
Ethyl Benzene
Concen: 19.355 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion: 91 Resp: 416386
Ion Ratio Lower Upper
91 100
106 32.8 25.3 37.9

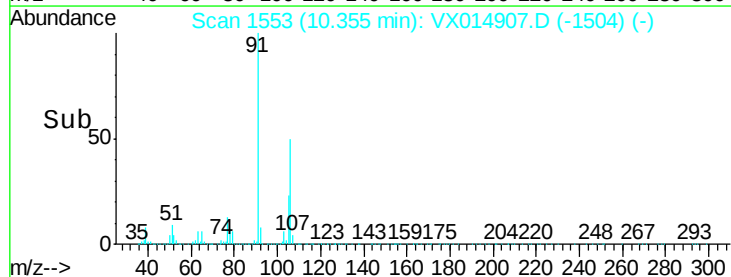
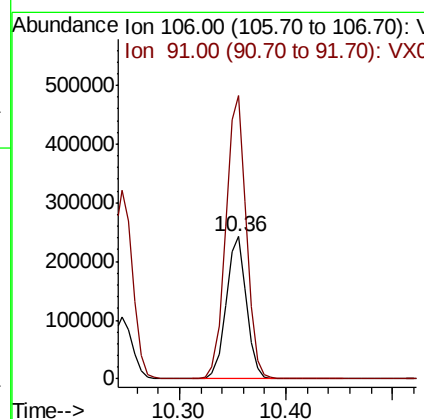
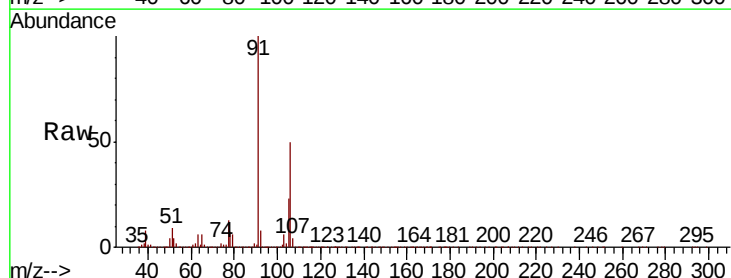
Manual Integrations
APPROVED

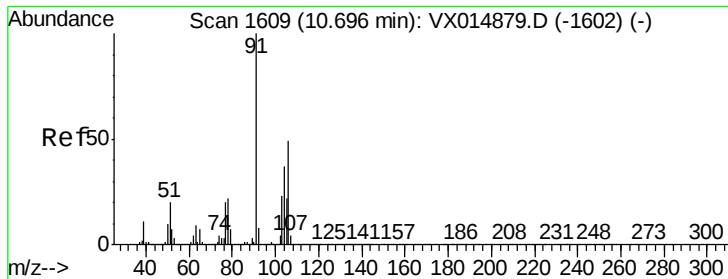
MMDadoda
2/12/2020 3:04:16 PM



#68
m/p-Xylenes
Concen: 38.774 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion: 106 Resp: 321353
Ion Ratio Lower Upper
106 100
91 200.8 160.6 240.8





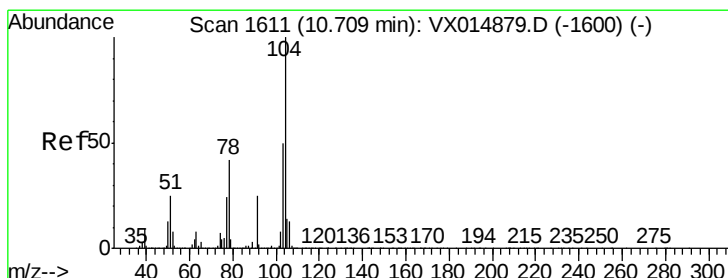
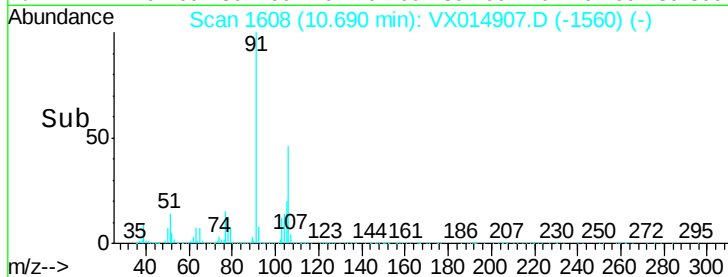
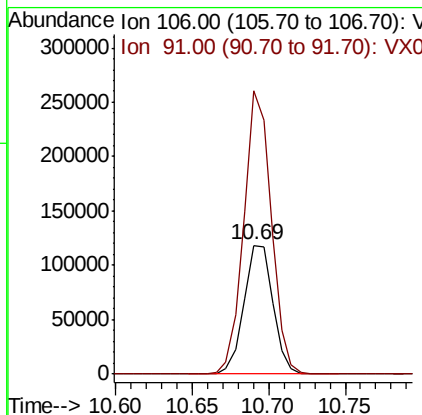
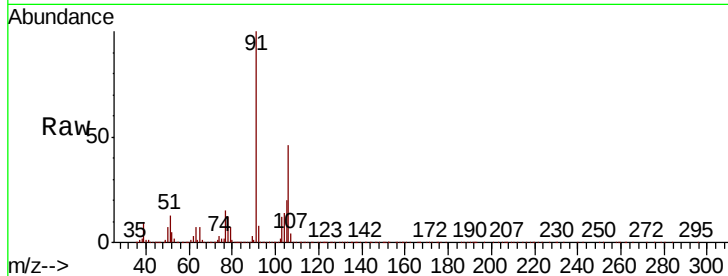
#69
o-Xylene
Concen: 19.558 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	155816		
91	208.7	105.1	315.3	

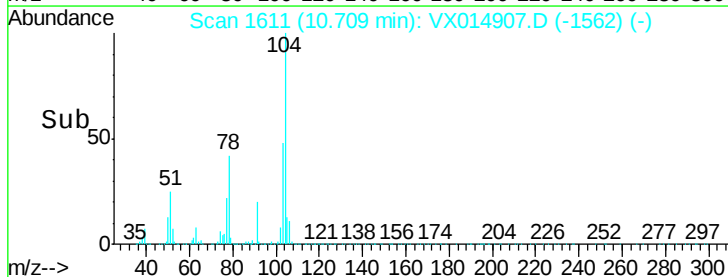
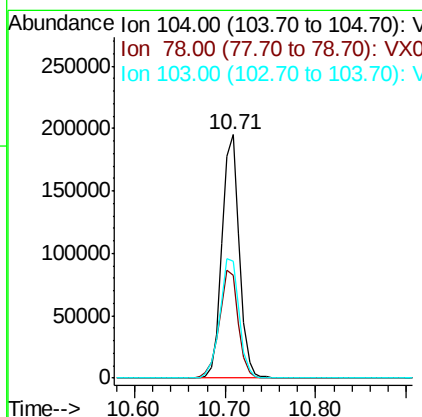
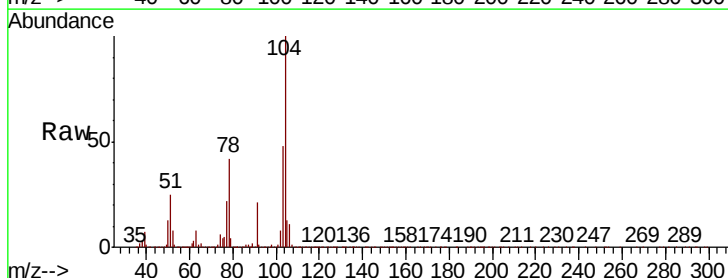
Manual Integrations
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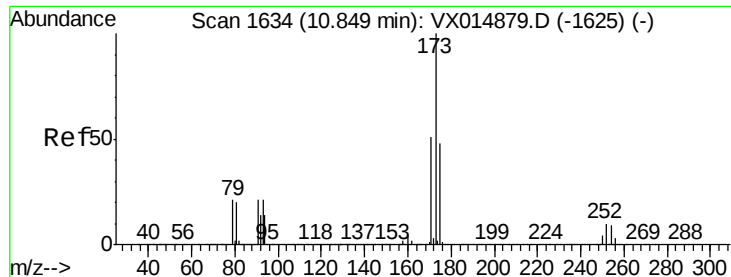
MMDadoda
2/12/2020 3:04:16 PM



#70
Styrene
Concen: 19.348 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	260765		
78	47.9	39.0	58.4	
103	54.2	43.4	65.0	





#71

Bromoform

Concen: 18.248 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

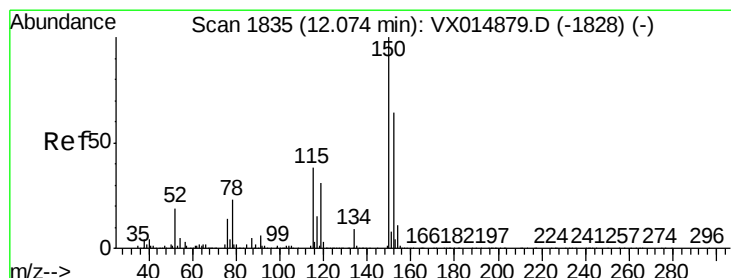
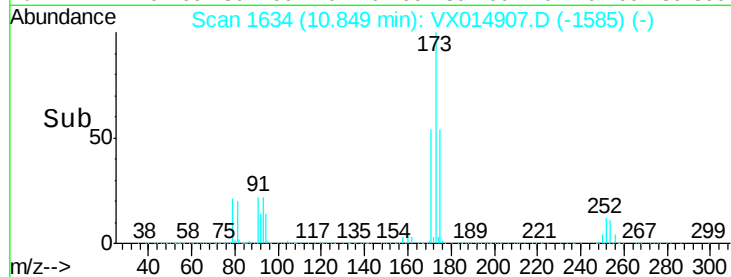
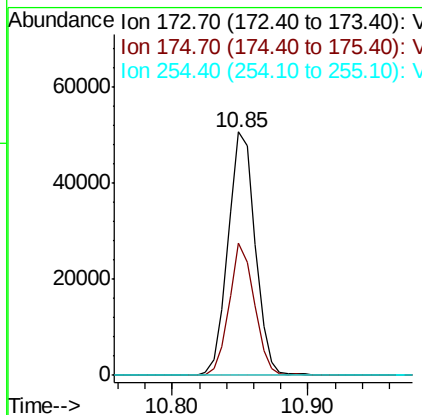
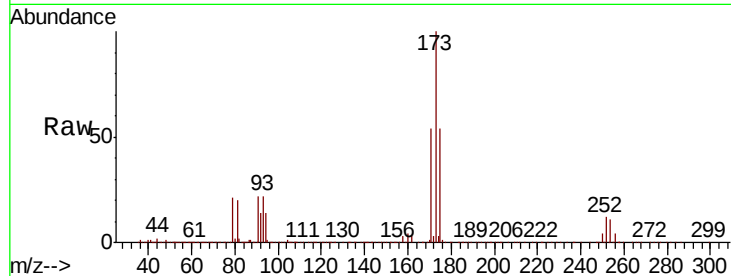
ClientSampleId :

VX0211WBS01

Tot Ion:	173	Resp:	69949
Ion Ratio	Lower	Upper	
173	100		
175	51.0	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
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2/12/2020 3:04:16 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

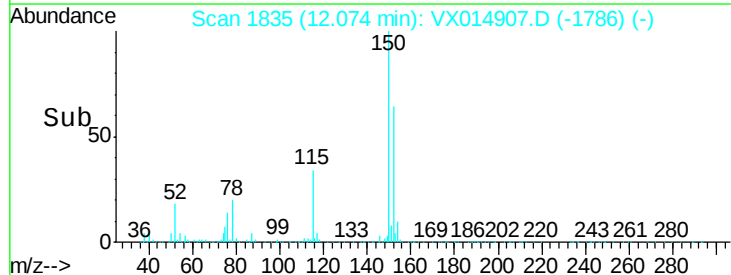
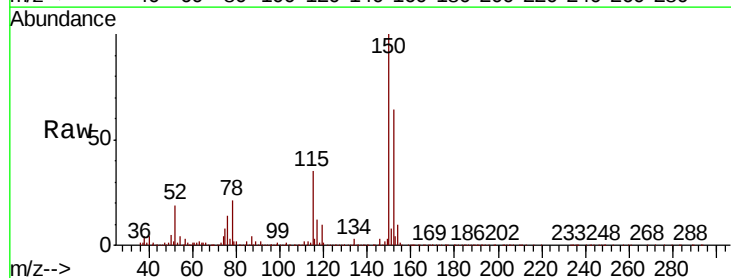
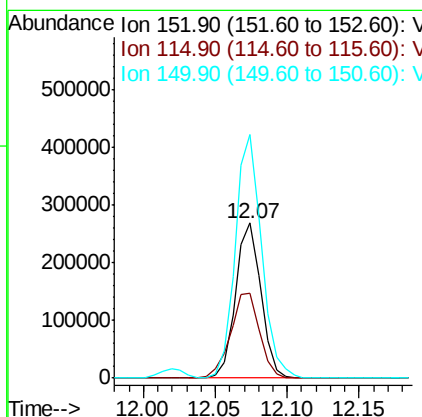
RT: 12.07 min Scan# 1835

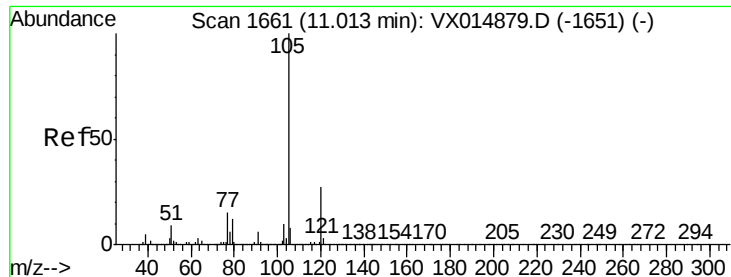
Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	152	Resp:	331510
Ion Ratio	Lower	Upper	
152	100		
115	62.8	38.6	116.0
150	162.9	0.0	349.0





#73

Isopropylbenzene

Concen: 19.951 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 105 Resp: 414763

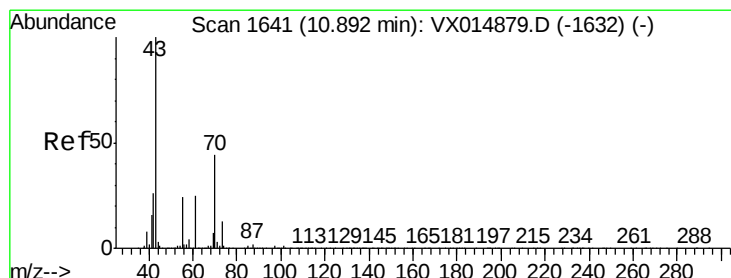
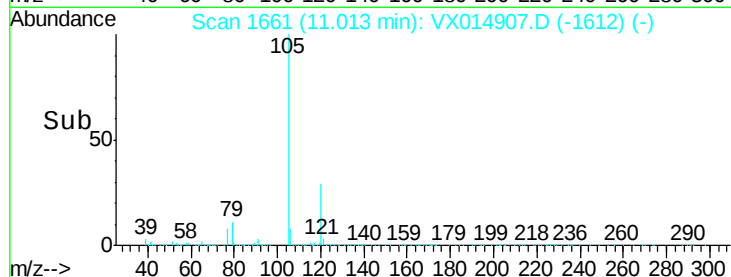
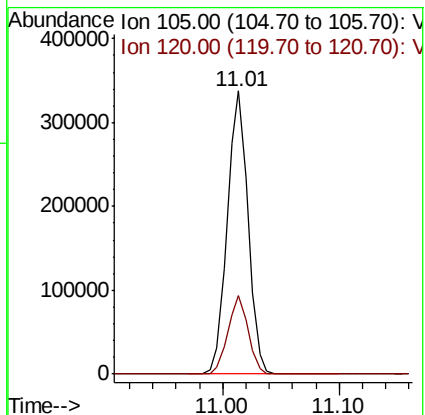
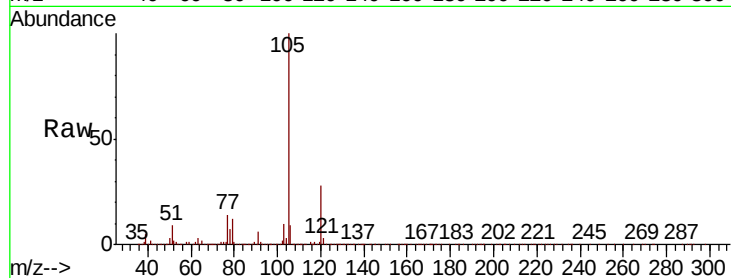
Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.811 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion: 43 Resp: 171129

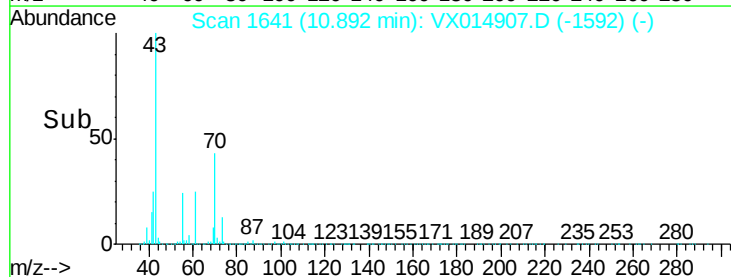
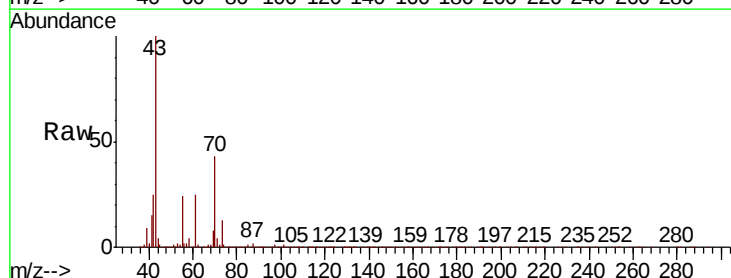
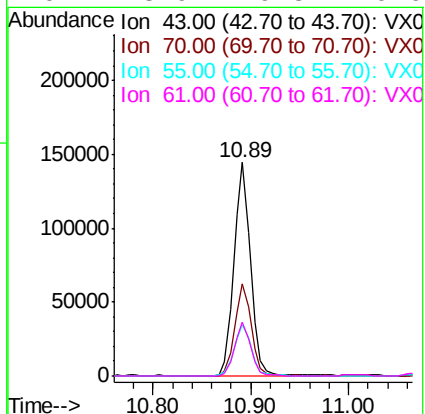
Ion Ratio Lower Upper

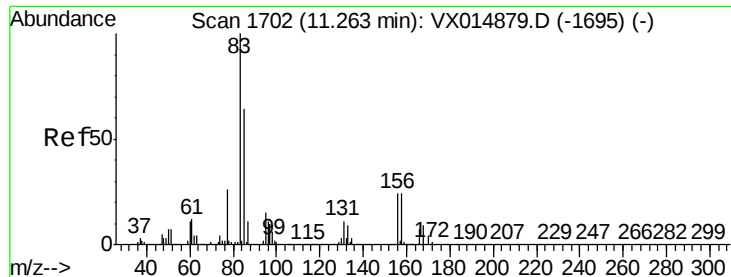
43 100

70 42.6 35.0 52.4

55 24.3 19.4 29.2

61 23.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.438 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

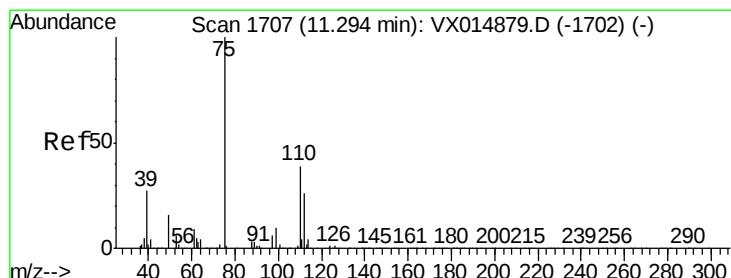
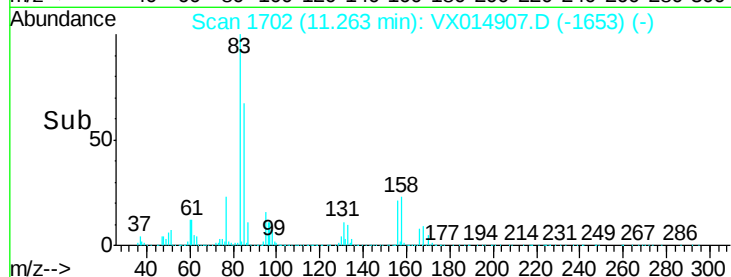
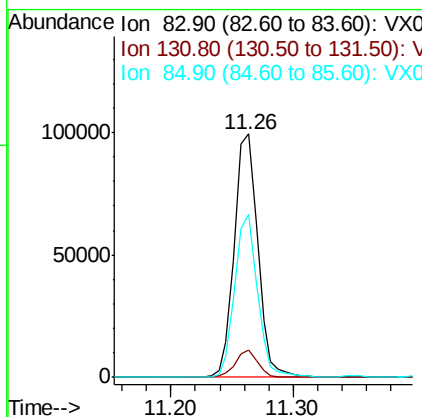
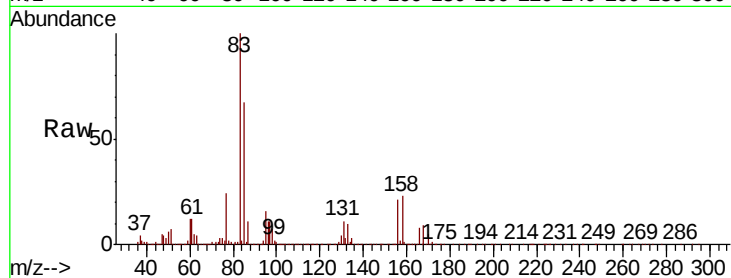
ClientSampleId :

VX0211WBS01

Tot Ion:	83	Resp:	132100
Ion Ratio		Lower	Upper
83	100		
131	10.9	5.3	16.1
85	64.7	32.6	97.7

Manual Integrations
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2/12/2020 3:04:16 PM



#76

1,2,3-Trichloropropane

Concen: 18.890 ug/l m

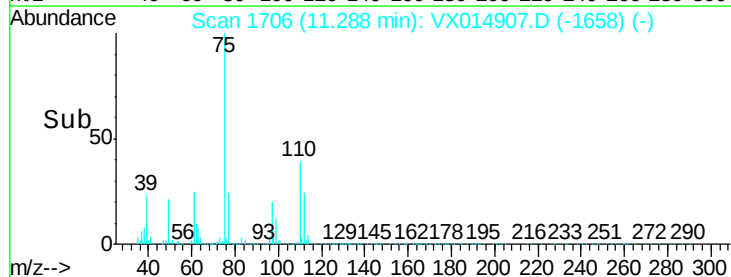
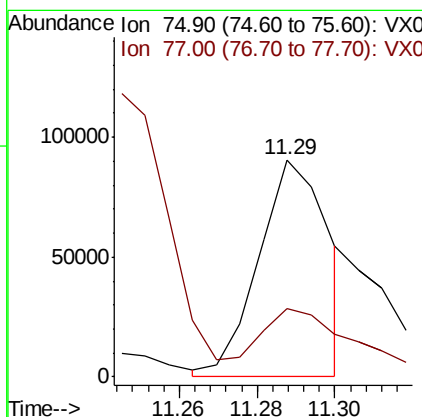
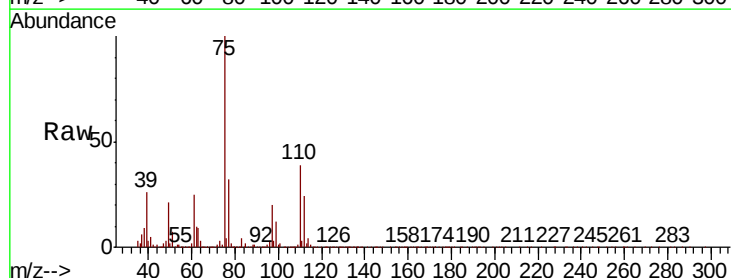
RT: 11.29 min Scan# 1706

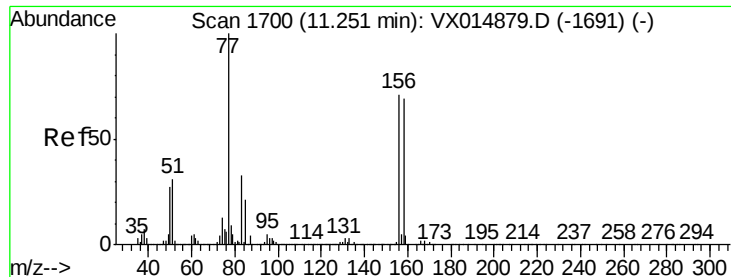
Delta R.T. -0.01 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	75	Resp:	113244
Ion Ratio		Lower	Upper
75	100		
77	43.5	18.4	55.0





#77

Bromobenzene

Concen: 19.195 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

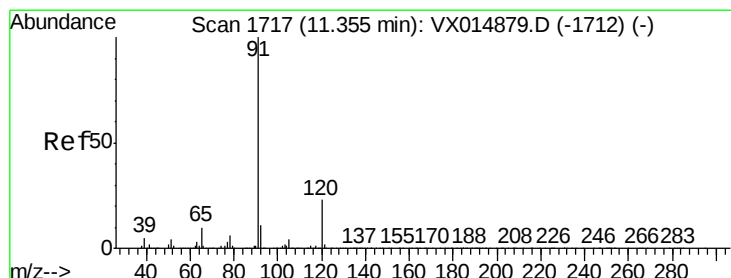
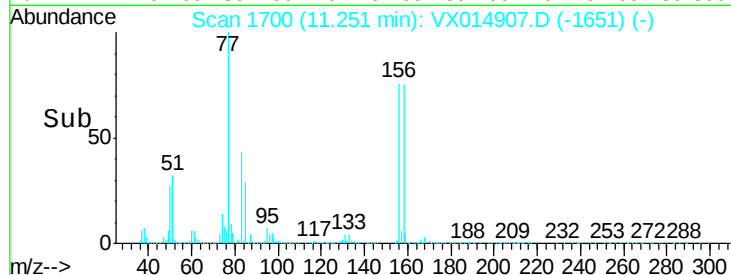
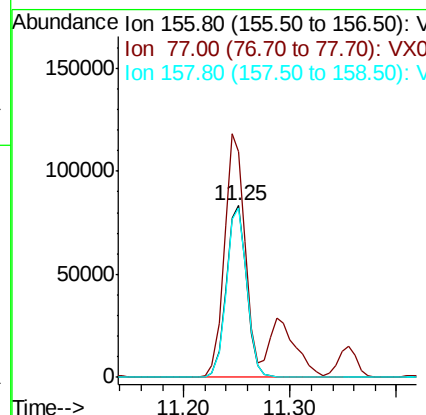
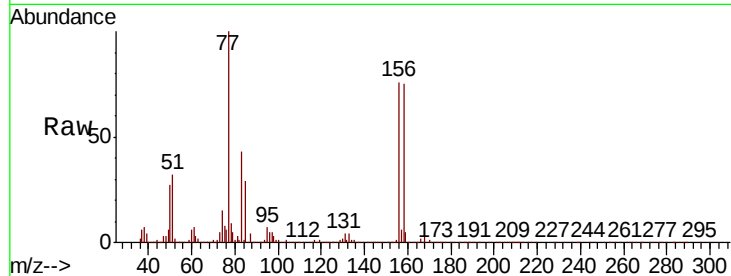
ClientSampleId :

VX0211WBS01

Tot Ion:	156	Resp:	111379
Ion Ratio	Lower	Upper	
156	100		
77	141.8	74.0	222.0
158	98.5	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.498 ug/l

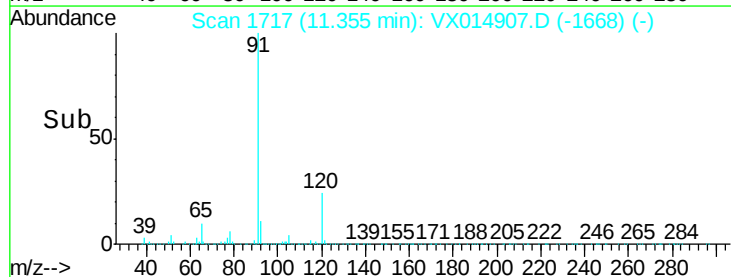
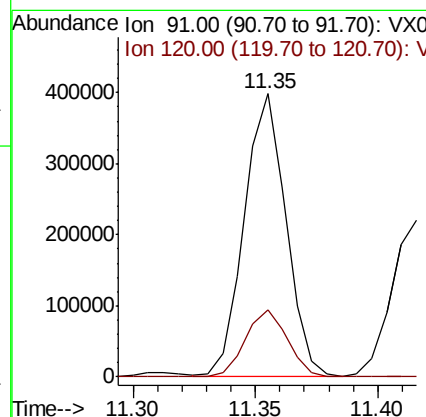
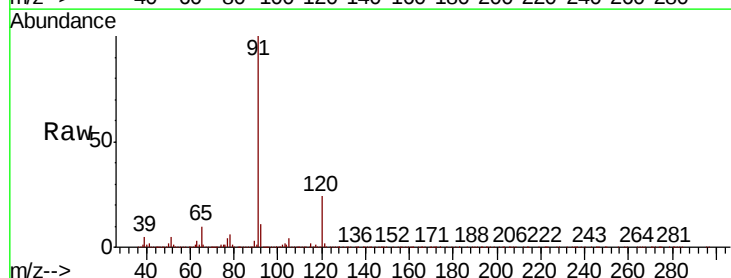
RT: 11.35 min Scan# 1717

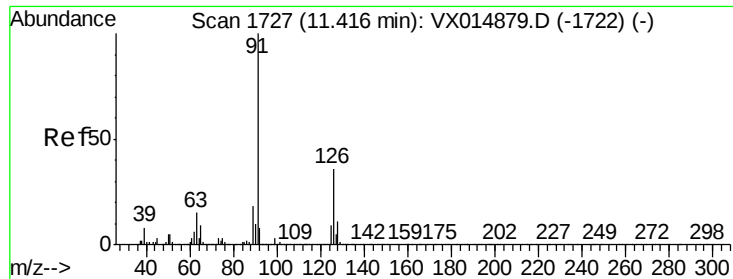
Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	91	Resp:	468828
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.4





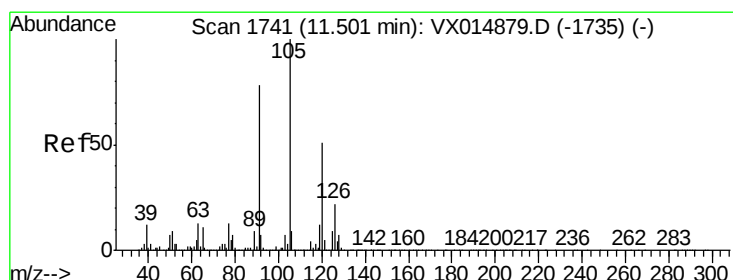
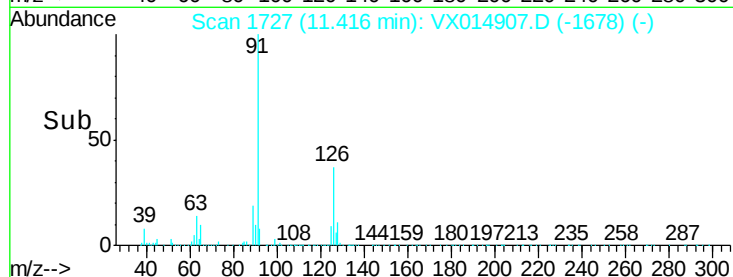
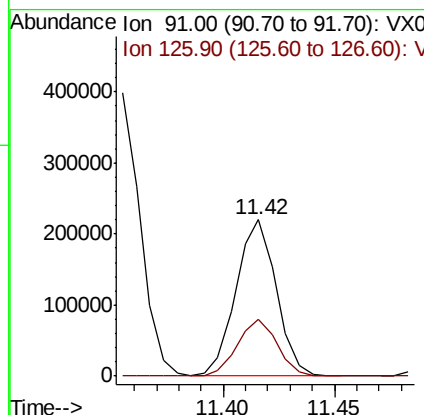
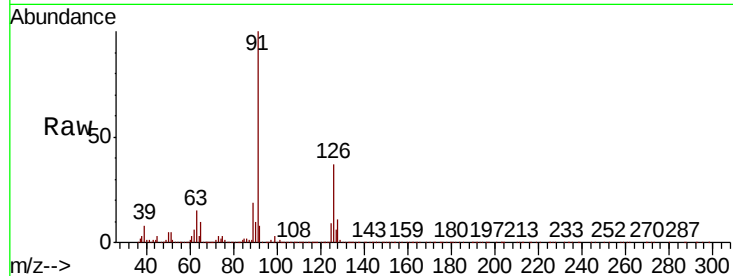
#79
2-Chlorotoluene
Concen: 19.552 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion: 91 Resp: 276377
Ion Ratio Lower Upper
91 100
126 36.1 18.0 54.0

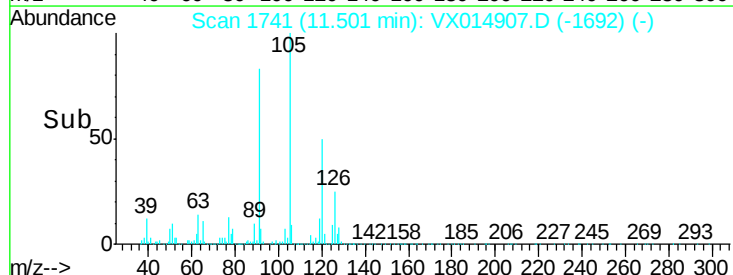
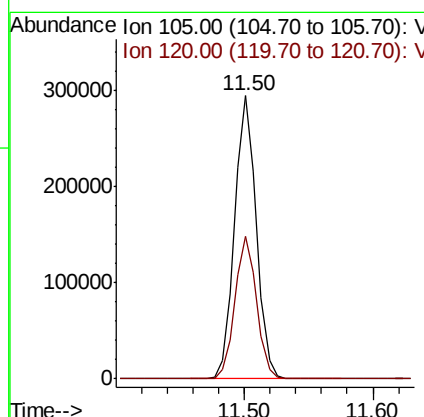
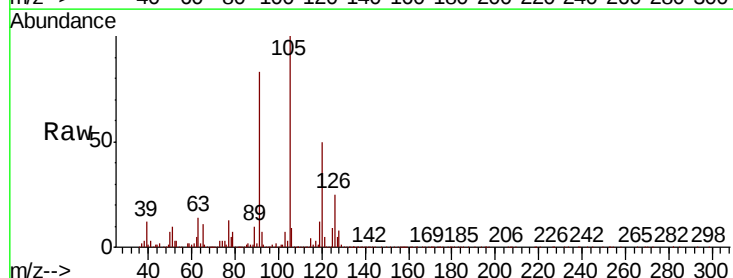
Manual Integrations
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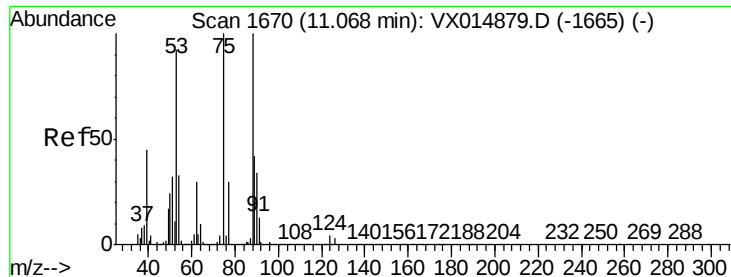
MMDadoda
2/12/2020 3:04:16 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.012 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion: 105 Resp: 347627
Ion Ratio Lower Upper
105 100
120 50.0 25.6 76.6





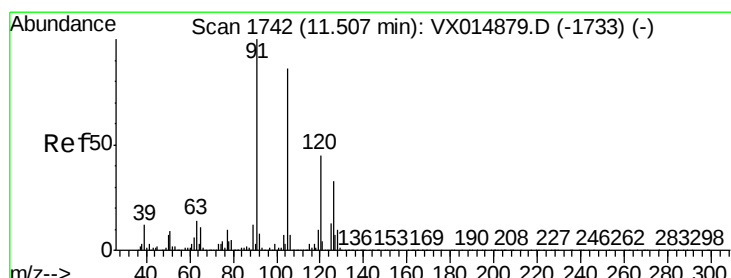
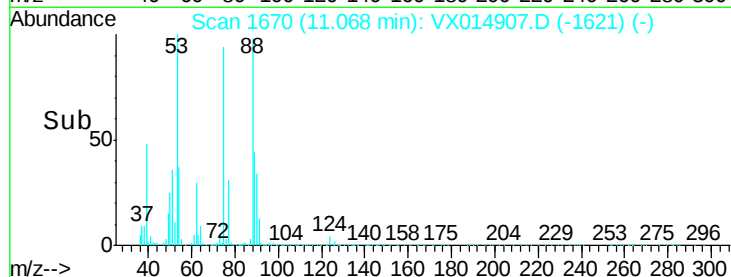
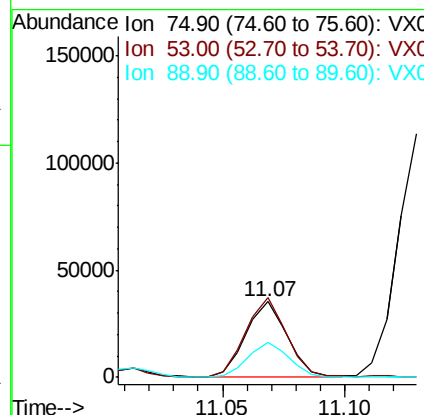
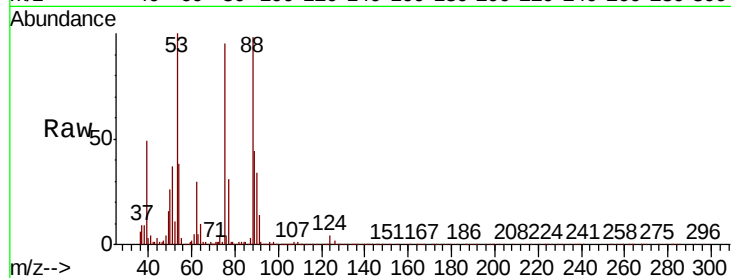
#81
trans-1,4-Dichloro-2-butene
Concen: 17.911 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	76.2	114.2
89	46.3	35.8	53.6

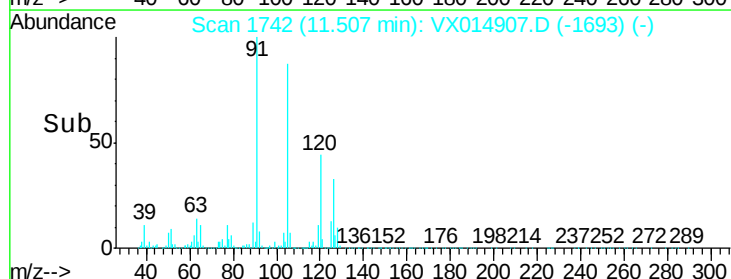
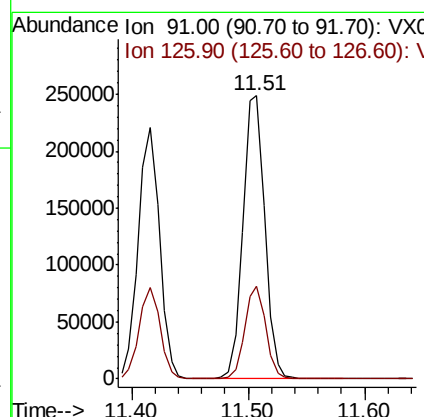
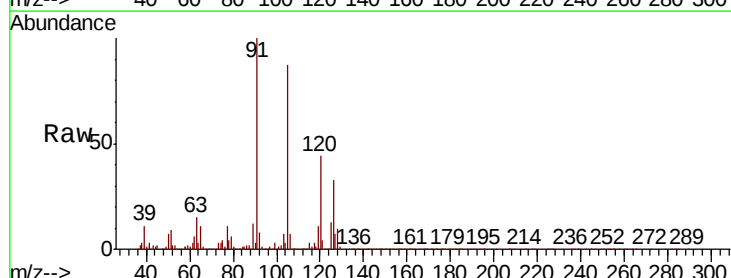
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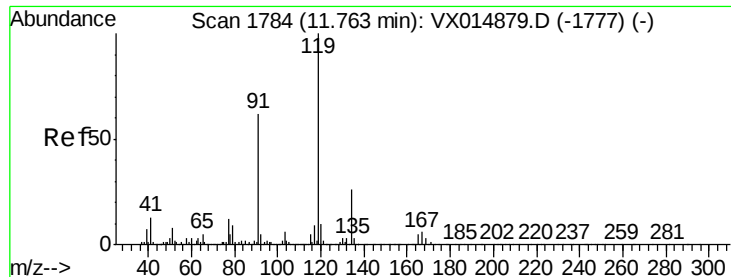
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.473 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.0





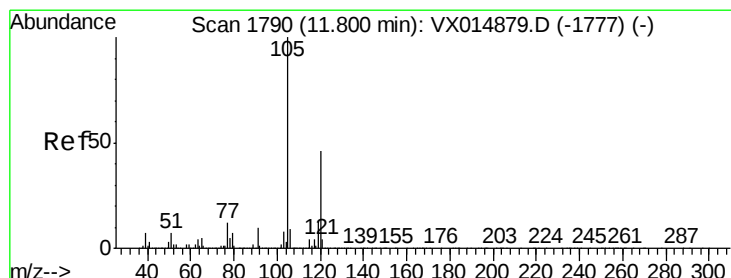
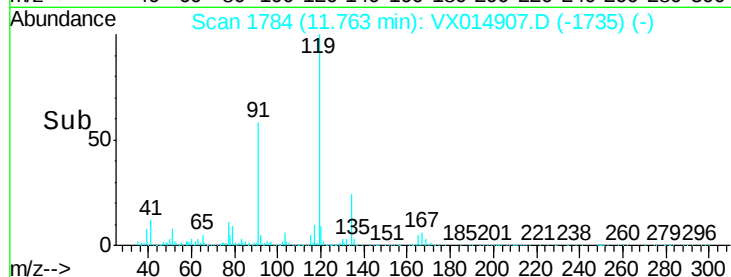
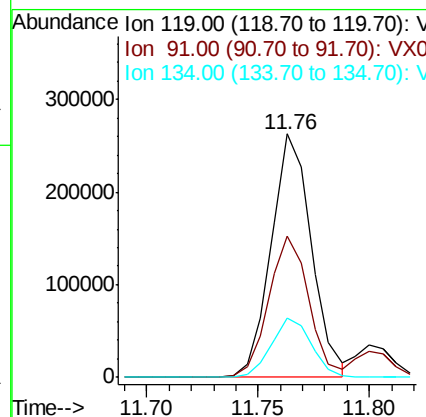
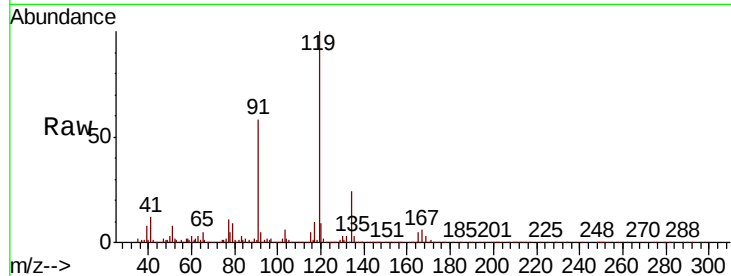
#83
tert-Butylbenzene
Concen: 20.061 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	329986		
91	57.7	29.5	88.6	
134	24.2	12.6	37.6	

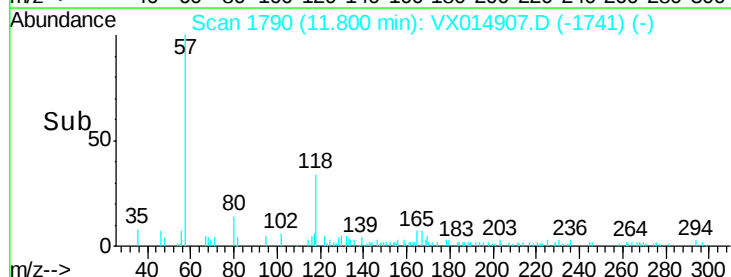
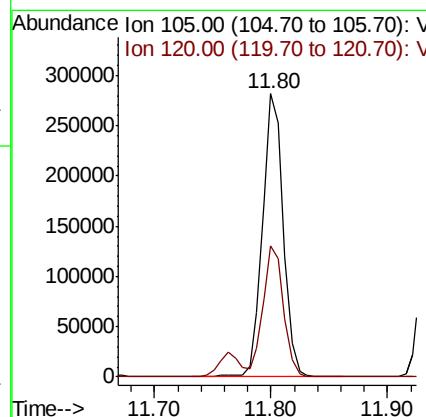
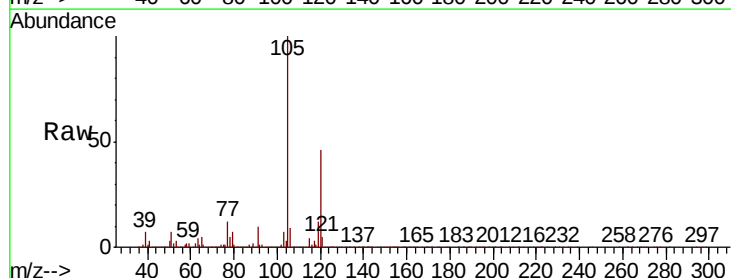
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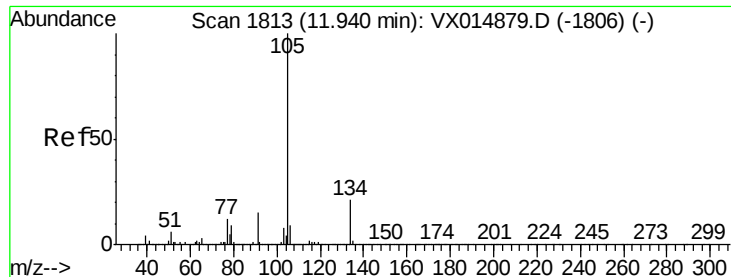
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#84
1,2,4-Trimethylbenzene
Concen: 19.919 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	348691		
120	45.2	23.0	69.0	





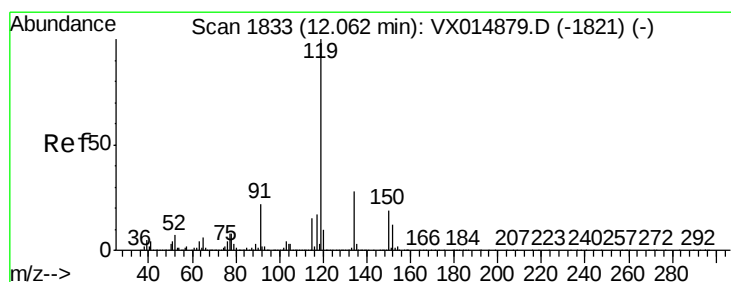
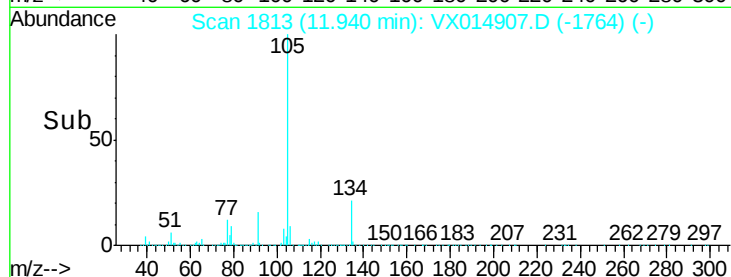
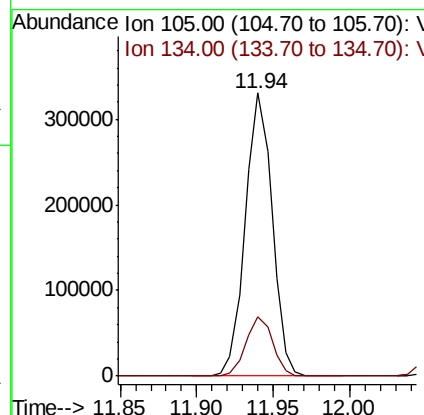
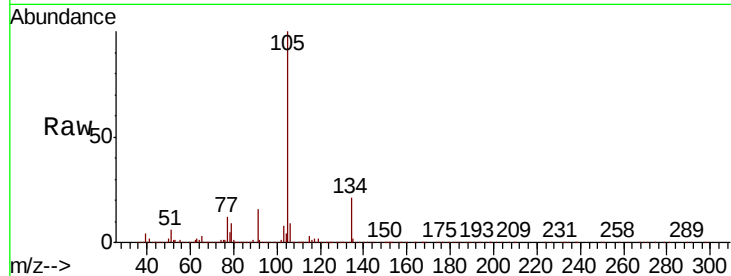
#85
 sec-Butylbenzene
 Concen: 19.691 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.6	31.8

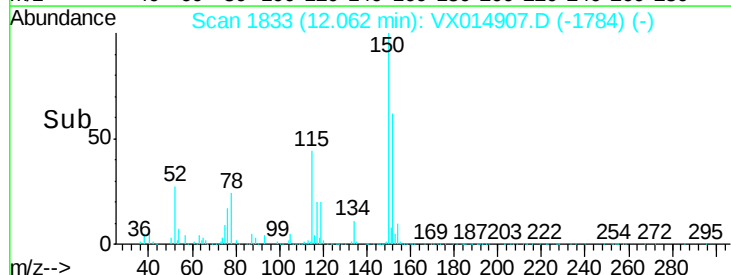
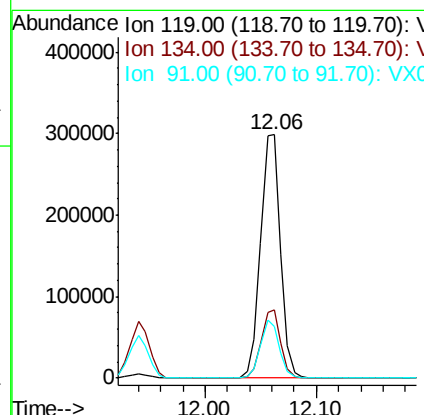
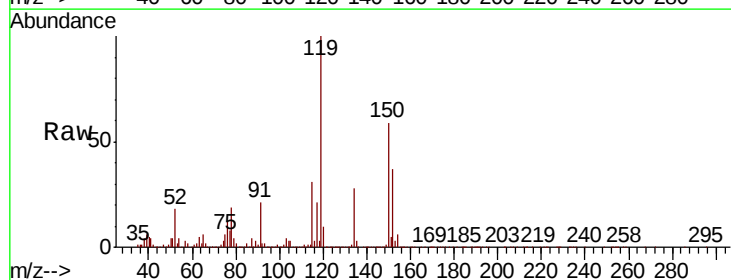
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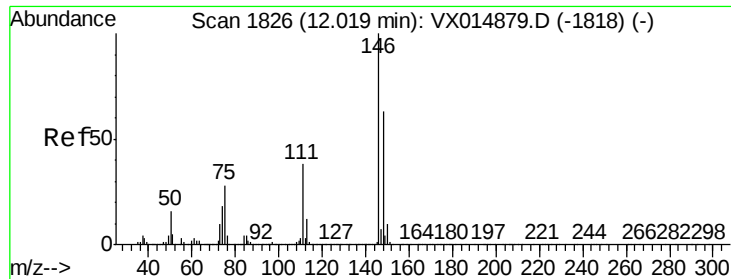
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#86
 p-Isopropyltoluene
 Concen: 19.555 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.5
91	22.5	11.4	34.1





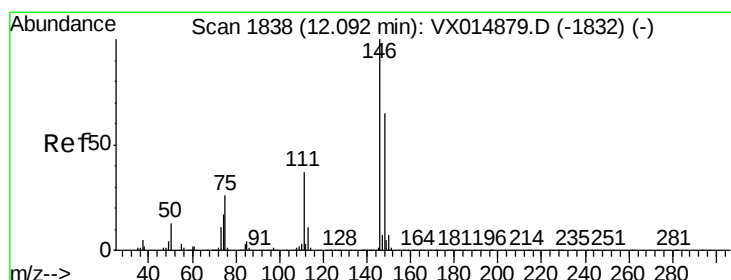
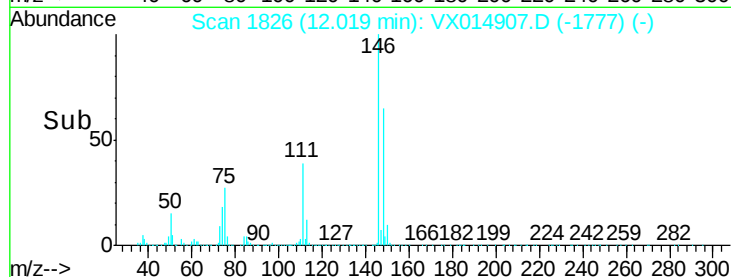
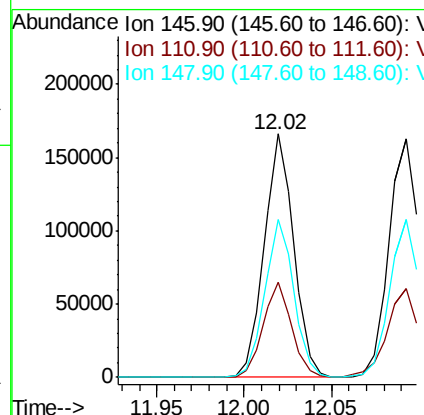
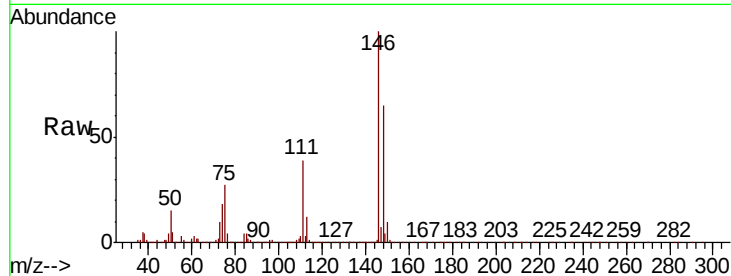
#87
 1,3-Dichlorobenzene
 Concen: 18.907 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	64.1	31.8	95.4

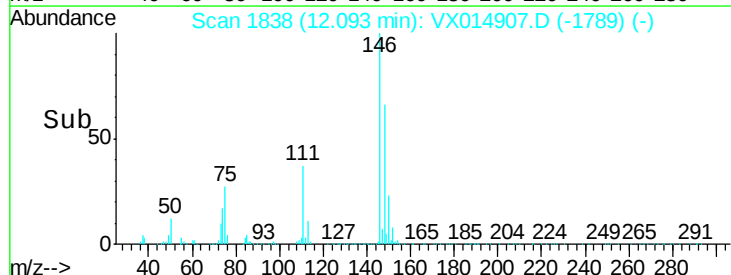
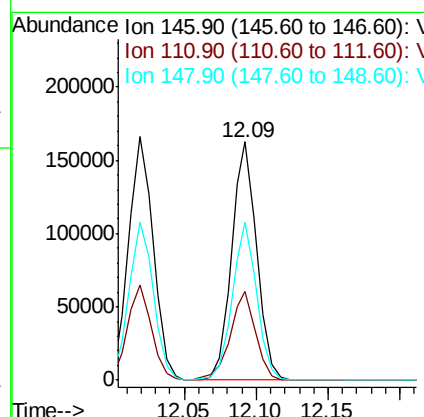
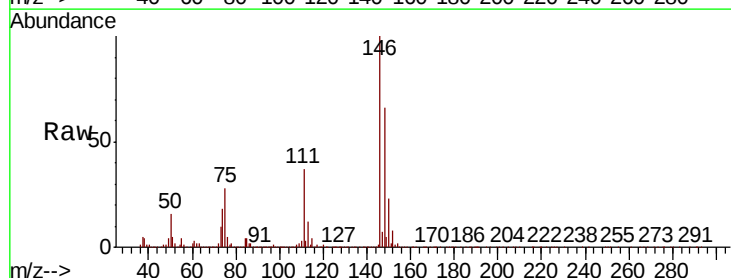
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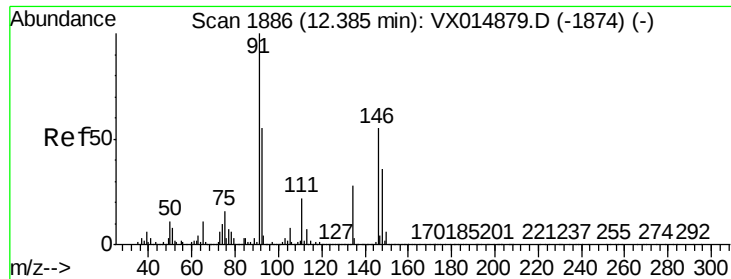
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#88
 1,4-Dichlorobenzene
 Concen: 18.714 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014907.D
 Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.6
148	64.3	32.4	97.0





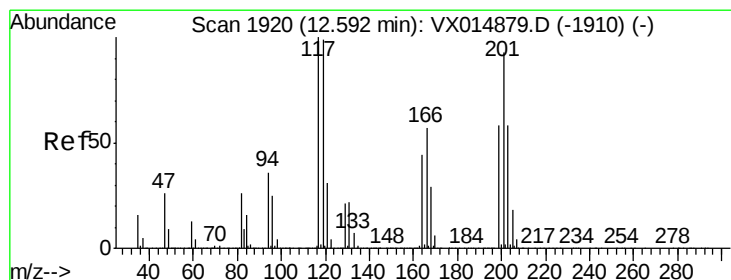
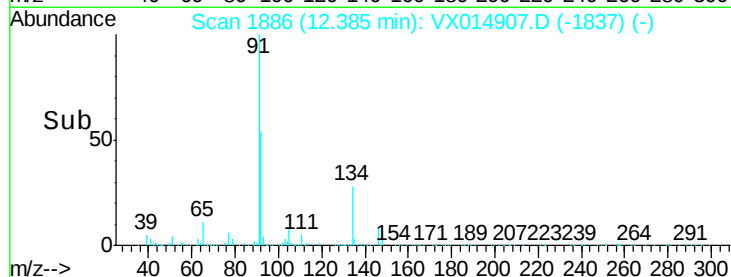
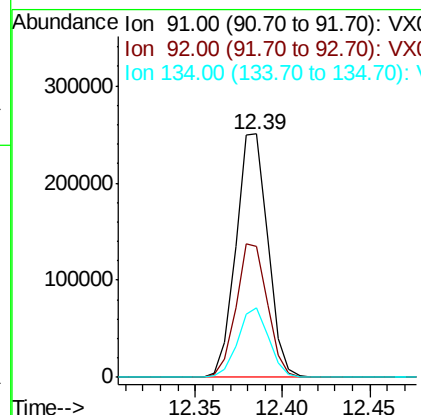
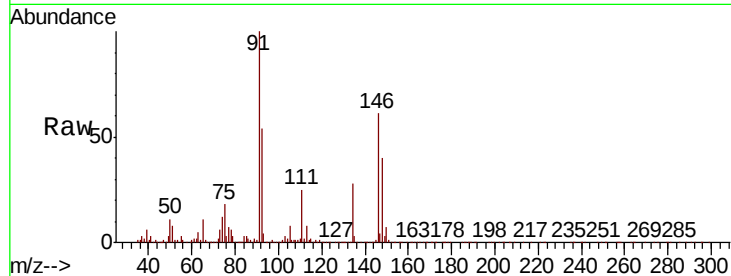
#89
n-Butylbenzene
Concen: 18.510 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	27.5	13.8	41.4

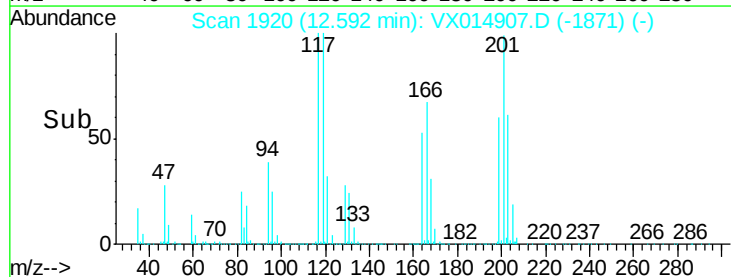
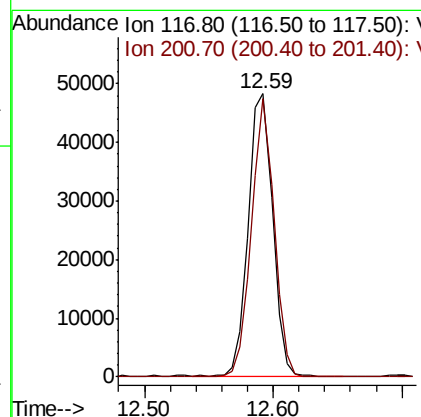
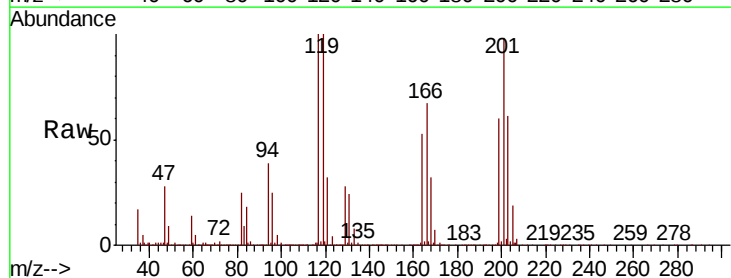
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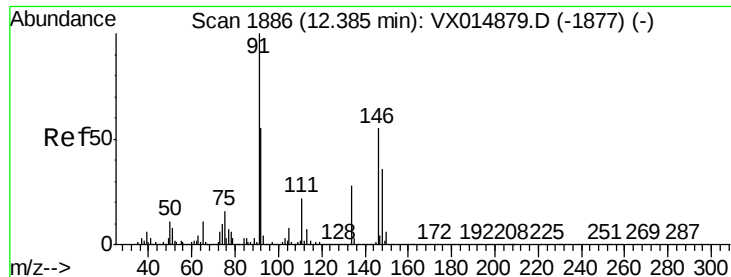
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#90
Hexachloroethane
Concen: 18.835 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.9	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 18.767 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

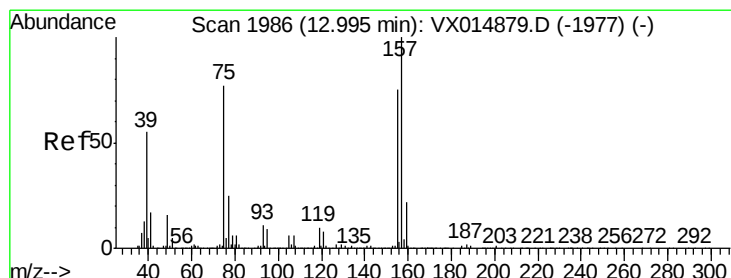
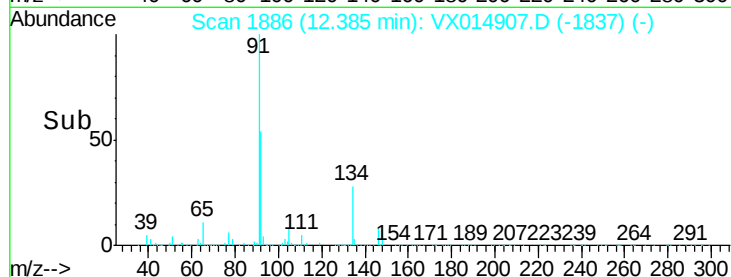
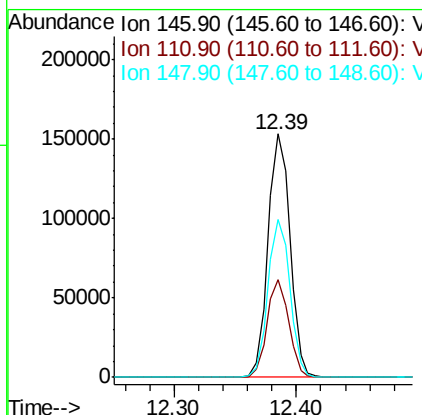
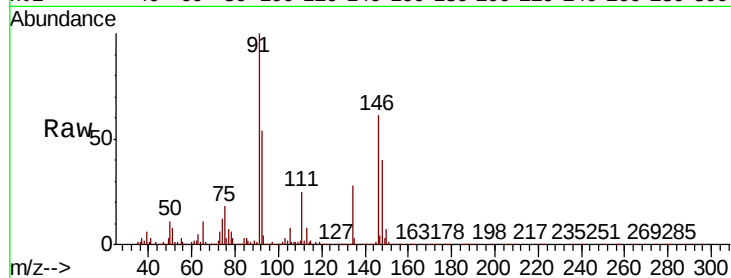
ClientSampleId :

VX0211WBS01

Tot Ion:	146	Resp:	191578
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.8	59.3
148	64.9	32.4	97.2

Manual Integrations
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2/12/2020 3:04:16 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.209 ug/l

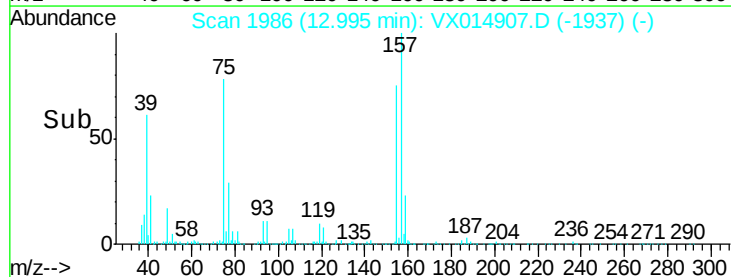
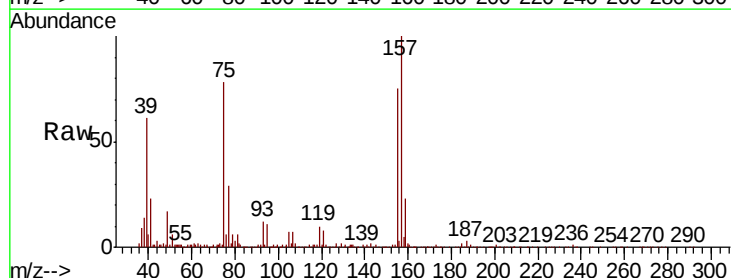
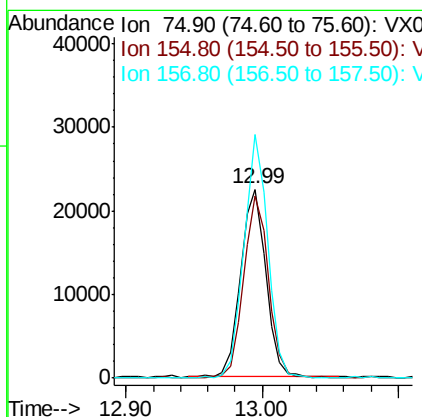
RT: 12.99 min Scan# 1886

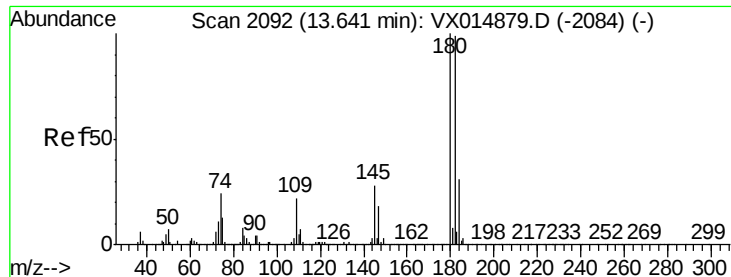
Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	75	Resp:	29031
Ion Ratio	Lower	Upper	
75	100		
155	94.5	48.6	145.9
157	123.2	62.0	186.0





#93

1,2,4-Trichlorobenzene

Concen: 18.130 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Instrument :

MSVOA_X

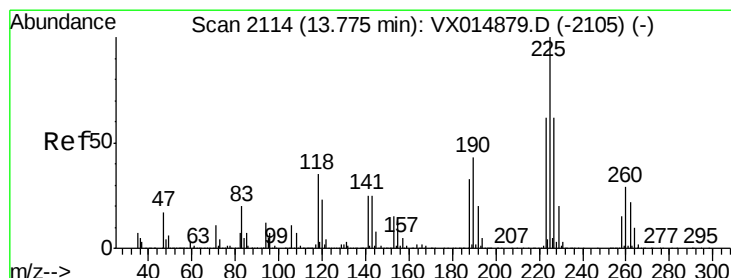
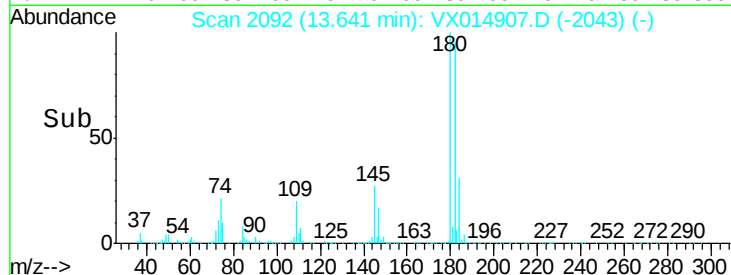
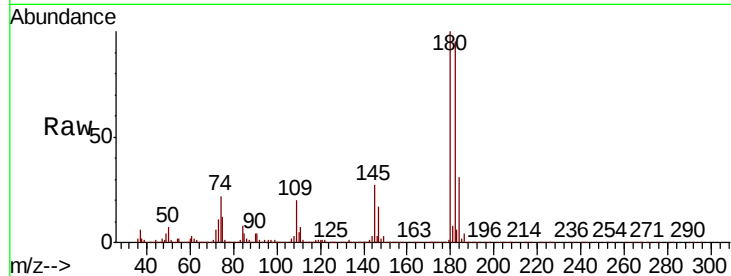
ClientSampleId :

VX0211WBS01

Tot Ion:	180	Resp:	136611
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.4	145.3
145	28.3	14.1	42.4

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:16 PM



#94

Hexachlorobutadiene

Concen: 18.638 ug/l

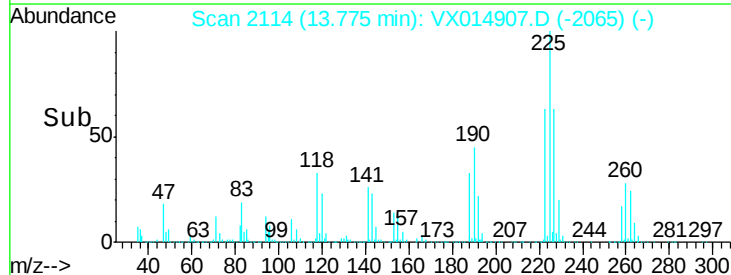
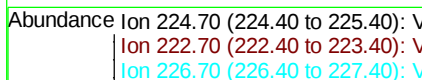
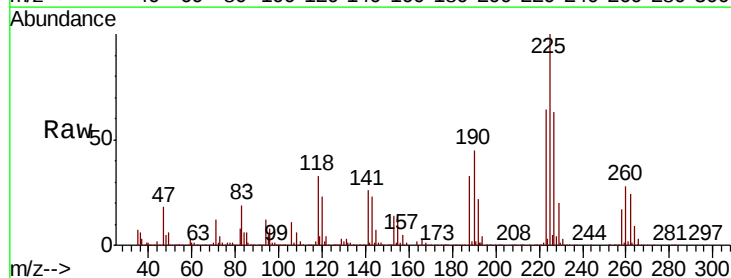
RT: 13.78 min Scan# 2114

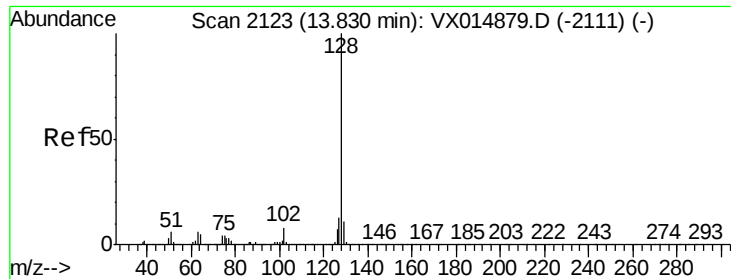
Delta R.T. 0.00 min

Lab File: VX014907.D

Acq: 11 Feb 2020 11:28

Tgt Ion:	225	Resp:	67925
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.1	93.2
227	65.0	30.9	92.5





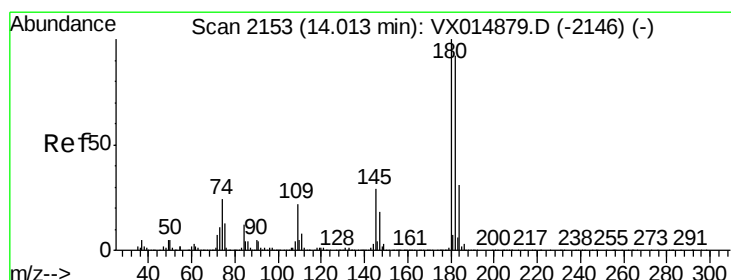
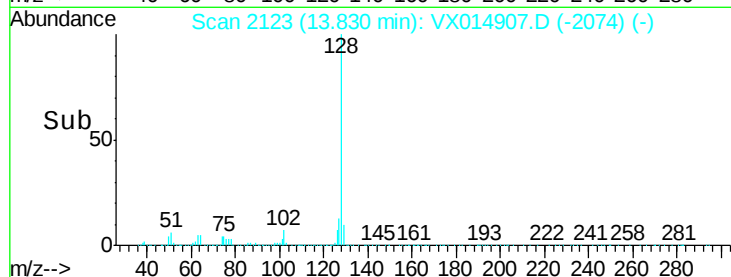
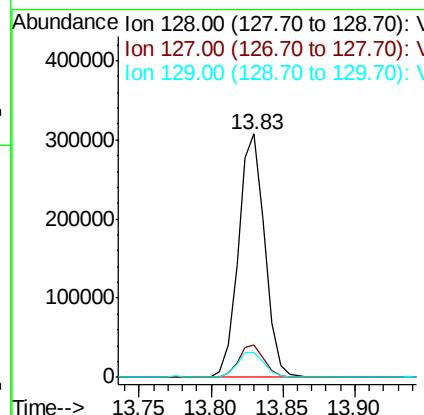
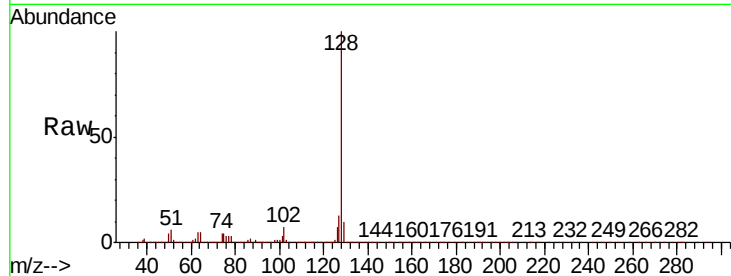
#95
Naphthalene
Concen: 19.428 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	389217		
127	13.2		10.4	15.6
129	10.6		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.734 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014907.D
Acq: 11 Feb 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136376		
182	97.1		47.5	142.6
145	30.4		14.5	43.5

