

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014526.D
 Acq On : 10 Jan 2020 10:45
 Operator : JC/SP
 Sample : VX0110MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:36 AM

Quant Time: Jan 10 12:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	478666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	711478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	644371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	263202	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.48	113	212865	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	832281	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	292142	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	113359	19.231	ug/l	99
3) Chloromethane	1.32	50	118632	19.443	ug/l	99
4) Vinyl Chloride	1.40	62	133529	19.639	ug/l	99
5) Bromomethane	1.63	94	75516	16.756	ug/l	99
6) Chloroethane	1.72	64	75410	19.570	ug/l	98
7) Trichlorofluoromethane	1.92	101	144853	18.781	ug/l	94
8) Diethyl Ether	2.18	74	65845	18.713	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89485	19.071	ug/l	100
10) Methyl Iodide	2.50	142	103268	18.380	ug/l	100
11) Tert butyl alcohol	3.02	59	111923	100.314	ug/l	99
12) 1,1-Dichloroethene	2.37	96	86662	18.331	ug/l	97
13) Acrolein	2.28	56	65676	73.440	ug/l	99
14) Allyl chloride	2.72	41	153697	18.518	ug/l	99
15) Acrylonitrile	3.13	53	263852	97.983	ug/l	99
16) Acetone	2.43	43	279692	101.917	ug/l	99
17) Carbon Disulfide	2.56	76	225030	17.059	ug/l	100
18) Methyl Acetate	2.76	43	155707	20.274	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	295907	19.498	ug/l	98
20) Methylene Chloride	2.85	84	102302	19.031	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	92891	17.998	ug/l	100
22) Diisopropyl ether	3.84	45	319136	19.896	ug/l	92
23) Vinyl Acetate	3.80	43	1250125	100.666	ug/l	100
24) 1,1-Dichloroethane	3.69	63	167839	19.235	ug/l	99
25) 2-Butanone	4.65	43	389654	97.621	ug/l	99
26) 2,2-Dichloropropane	4.57	77	133359	18.042	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	108505	18.806	ug/l	98
28) Bromochloromethane	5.00	49	72283	19.659	ug/l	99
29) Tetrahydrofuran	5.11	42	231488	98.091	ug/l	98
30) Chloroform	5.20	83	165184	19.373	ug/l	98
31) Cyclohexane	5.57	56	160420	19.641	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	139083	19.056	ug/l	98
36) 1,1-Dichloropropene	5.79	75	126737	18.942	ug/l	99
37) Ethyl Acetate	4.81	43	141297	19.442	ug/l	99
38) Carbon Tetrachloride	5.78	117	114901	18.662	ug/l	92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160783	19.127	ug/l	98
40) Benzene	6.14	78	391508	19.715	ug/l	97
41) Methacrylonitrile	5.02	41	77711	20.051	ug/l	97
42) 1,2-Dichloroethane	6.18	62	135812	19.560	ug/l	99
43) Isopropyl Acetate	6.43	43	230176	19.606	ug/l	99
44) Trichloroethene	7.20	130	107467	18.831	ug/l	94
45) 1,2-Dichloropropane	7.50	63	100498	19.850	ug/l	100
46) Dibromomethane	7.65	93	65196	18.450	ug/l	99
47) Bromodichloromethane	7.89	83	124930	19.430	ug/l	99
48) Methyl methacrylate	7.76	41	113129	20.119	ug/l	99
49) 1,4-Dioxane	7.73	88	47692	400.285	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	728327	101.804	ug/l	98
52) Toluene	8.78	92	243913	19.188	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	141113	18.851	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	156758	19.385	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	101436	19.866	ug/l	98
56) Ethyl methacrylate	9.17	69	156517	20.008	ug/l	99
57) 1,3-Dichloropropane	9.36	76	171458	20.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	265806	99.871	ug/l	99
59) 2-Hexanone	9.48	43	563576	99.559	ug/l	100
60) Dibromochloromethane	9.57	129	102129	19.900	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105719	19.546	ug/l	98
64) Tetrachloroethene	9.33	164	116245	18.000	ug/l	96
65) Chlorobenzene	10.14	112	260970	18.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	95842	19.205	ug/l	98
67) Ethyl Benzene	10.25	91	455778	19.122	ug/l	100
68) m/p-Xylenes	10.35	106	352131	38.295	ug/l	98
69) o-Xylene	10.70	106	170011	19.378	ug/l	100
70) Styrene	10.71	104	287083	18.961	ug/l	100
71) Bromoform	10.85	173	74667	18.287	ug/l #	99
73) Isopropylbenzene	11.01	105	450228	19.926	ug/l	100
74) N-amyl acetate	10.89	43	194263	19.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	146011	20.150	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	125150m	18.798	ug/l	
77) Bromobenzene	11.25	156	120231	19.187	ug/l	98
78) n-propylbenzene	11.35	91	507384	19.607	ug/l	99
79) 2-Chlorotoluene	11.42	91	301168	19.528	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	374965	19.988	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46920	18.633	ug/l	93
82) 4-Chlorotoluene	11.51	91	345187	19.068	ug/l	99
83) tert-Butylbenzene	11.76	119	357038	20.143	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	374406	19.752	ug/l	99
85) sec-Butylbenzene	11.94	105	430190	19.523	ug/l	100
86) p-Isopropyltoluene	12.06	119	402574	19.688	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	210359	18.706	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	209875	19.508	ug/l	98
89) n-Butylbenzene	12.38	91	340888	18.234	ug/l	99
90) Hexachloroethane	12.59	117	67169	18.701	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	208831	18.954	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30993	19.015	ug/l	100

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144710	18.643	ug/l	99
94) Hexachlorobutadiene	13.77	225	68956	19.078	ug/l	97
95) Naphthalene	13.83	128	428622	17.858	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	142670	18.630	ug/l	100

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

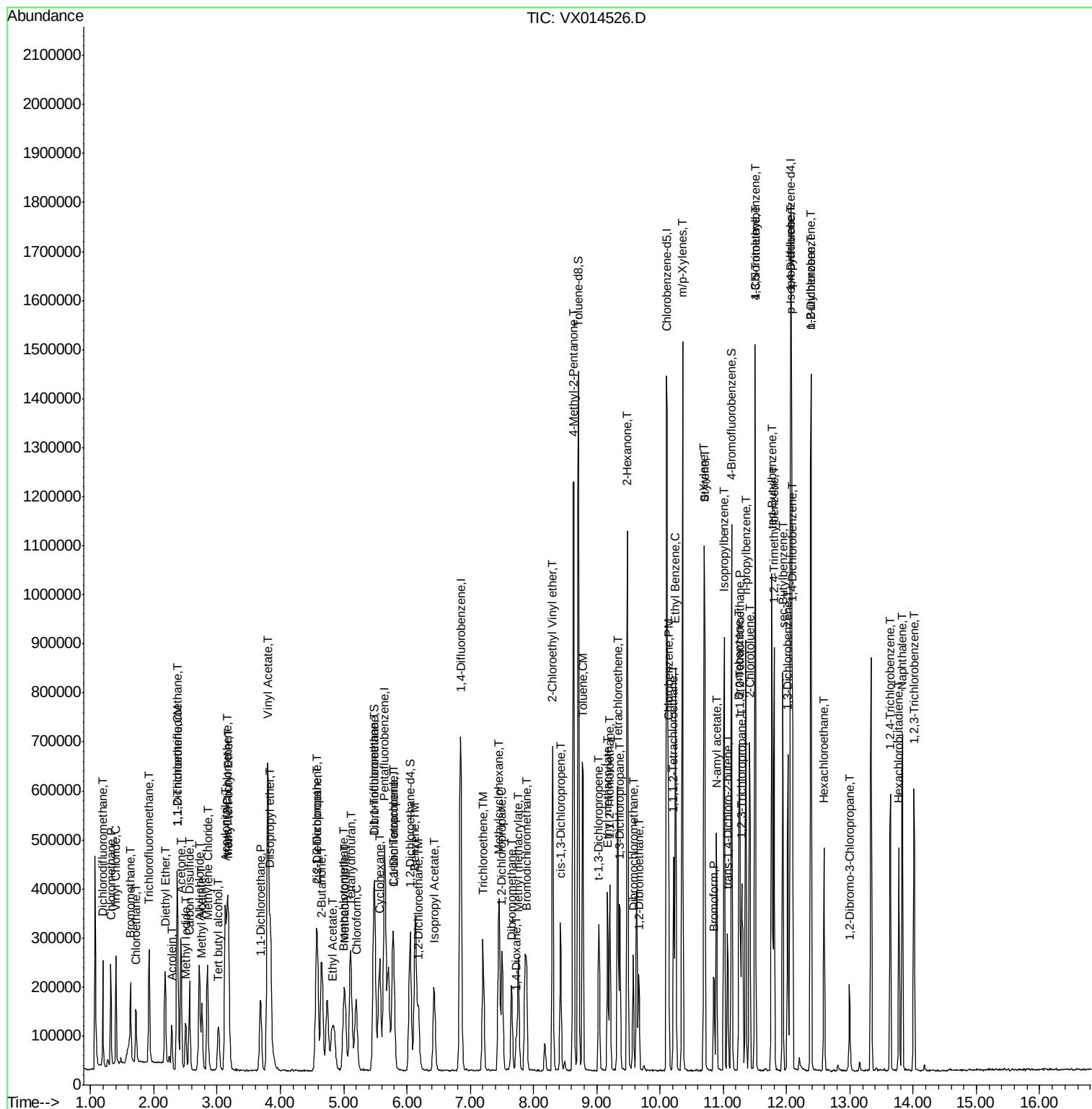
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Data File : VX014526.D
Acq On : 10 Jan 2020 10:45
Operator : JC/SP
Sample : VX0110MBS01
Misc : 5.0µL/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

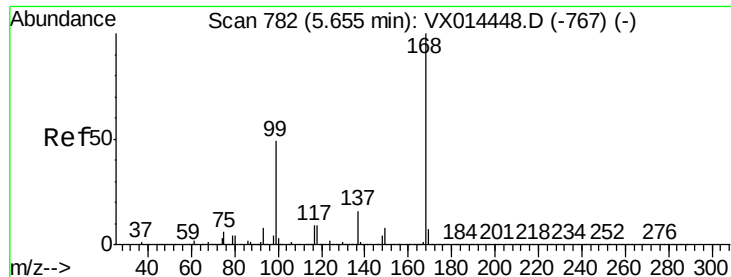
Instrument :
MSVOA_X
ClientSampled :
VX0110MBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion:168 Resp: 478666

Ion Ratio Lower Upper

168 100

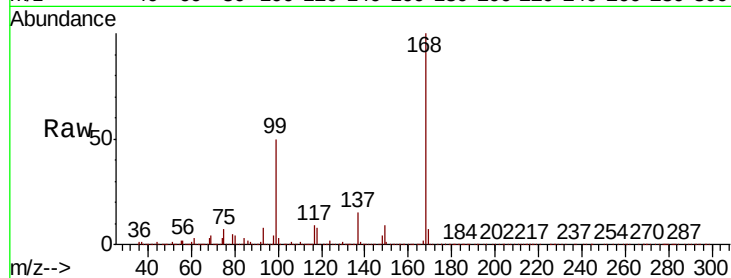
99 49.7 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

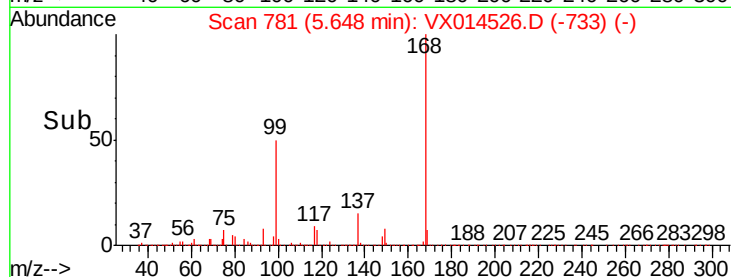
150000

100000

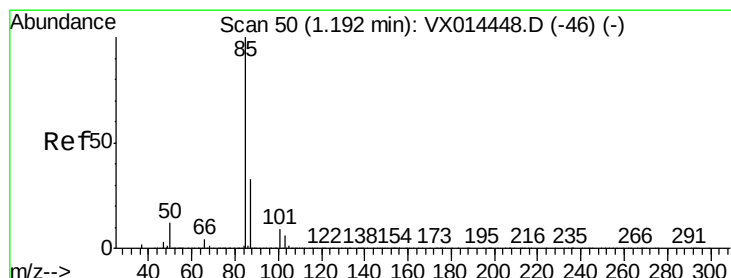
50000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 19.231 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014526.D

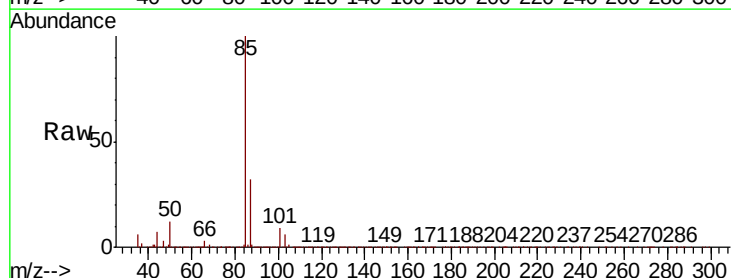
Acq: 10 Jan 2020 10:45

Tgt Ion: 85 Resp: 113359

Ion Ratio Lower Upper

85 100

87 32.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

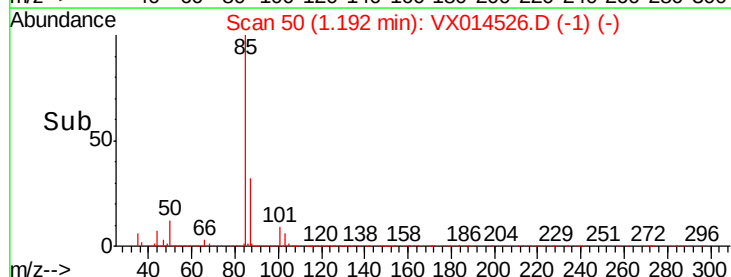
Ion 86.90 (86.60 to 87.60): VX0

100000

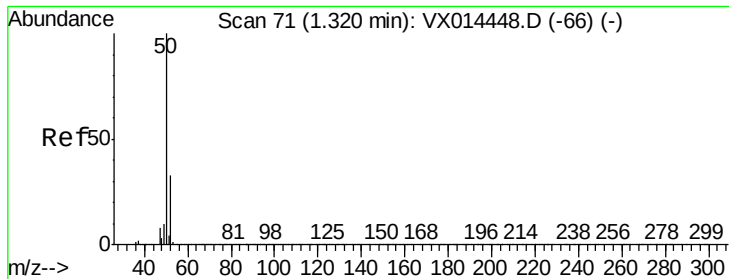
50000

0

1.15 1.20 1.25 1.30



Time-->



#3

Chloromethane

Concen: 19.443 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion: 50 Resp: 118632

Ion Ratio Lower Upper

50 100

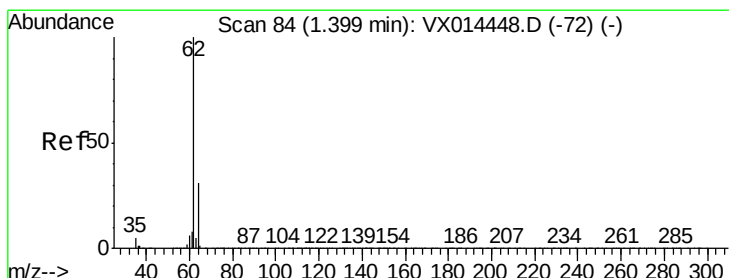
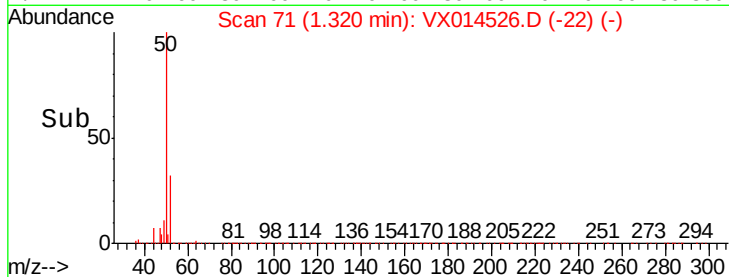
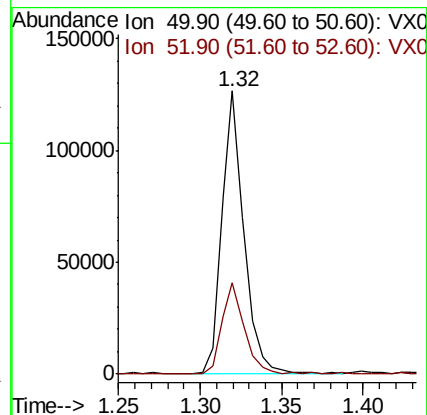
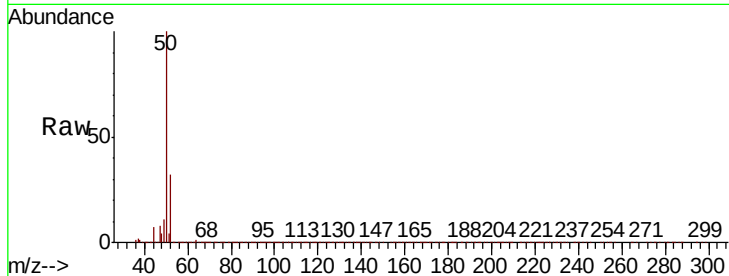
52 32.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.639 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014526.D

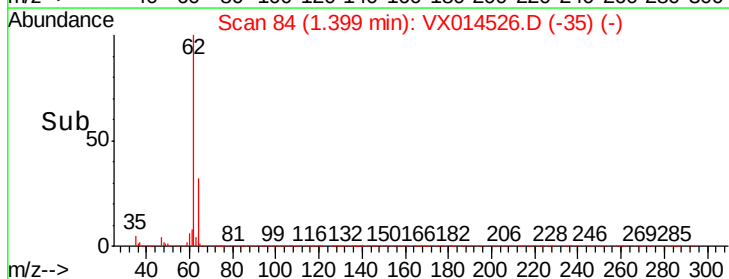
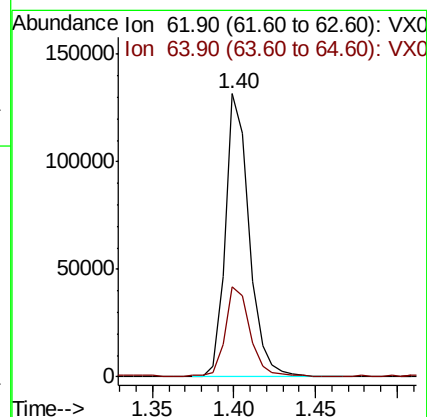
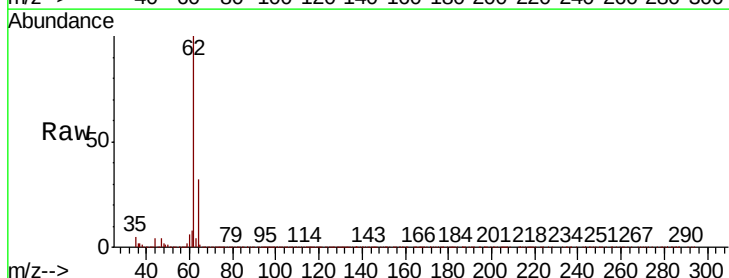
Acq: 10 Jan 2020 10:45

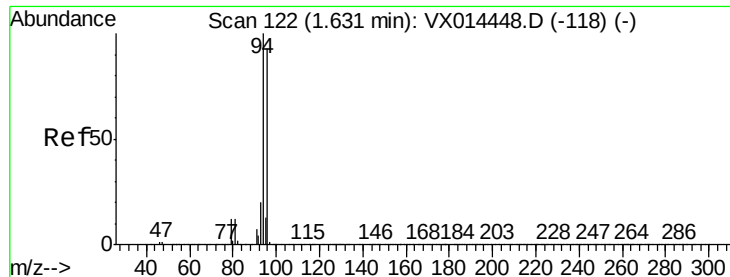
Tgt Ion: 62 Resp: 133529

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 16.756 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion: 94 Resp: 75516

Ion Ratio Lower Upper

94 100

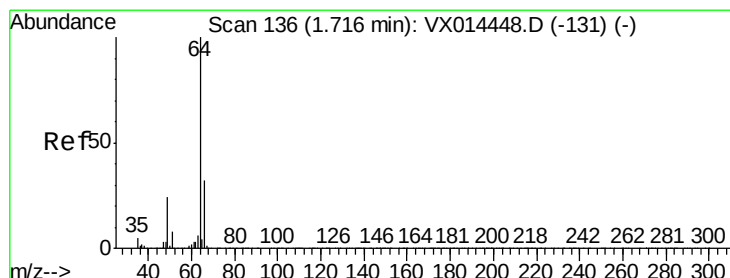
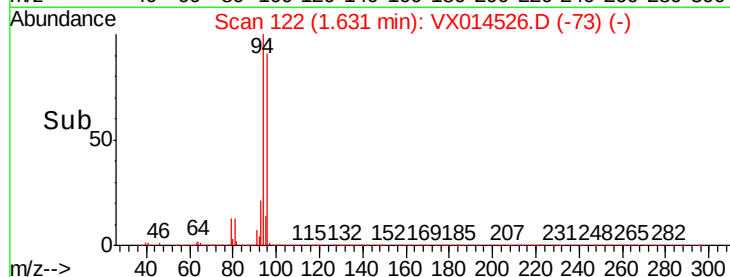
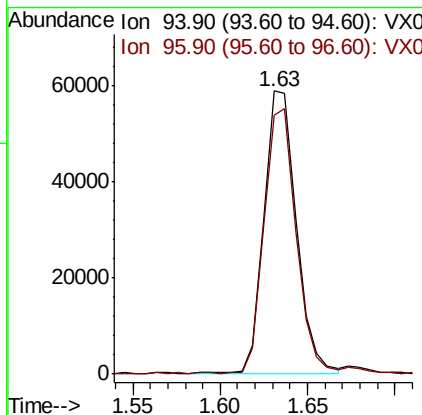
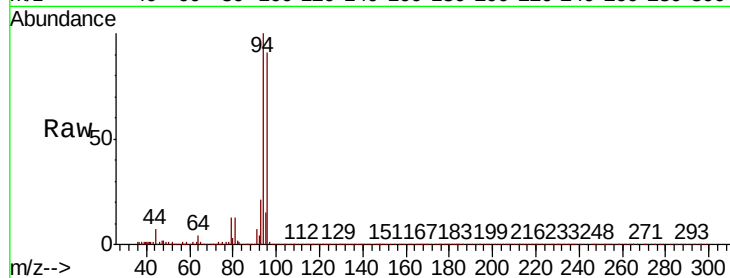
96 91.3 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.570 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014526.D

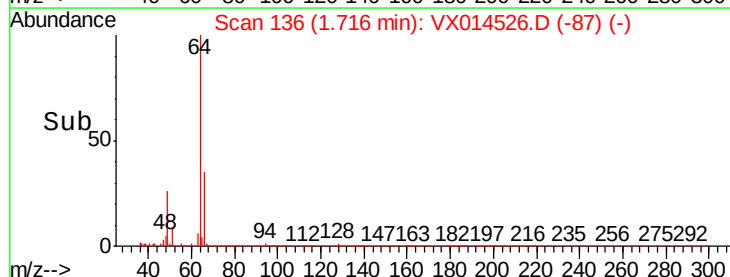
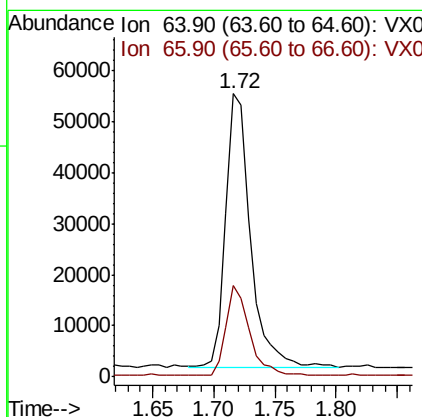
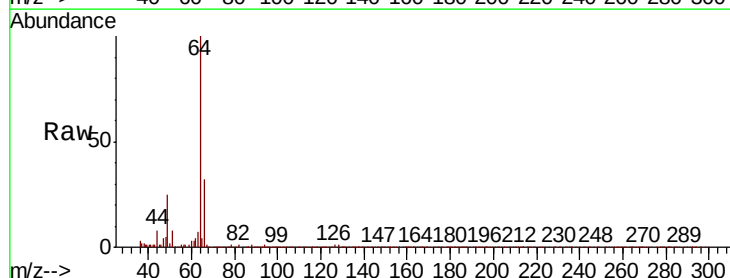
Acq: 10 Jan 2020 10:45

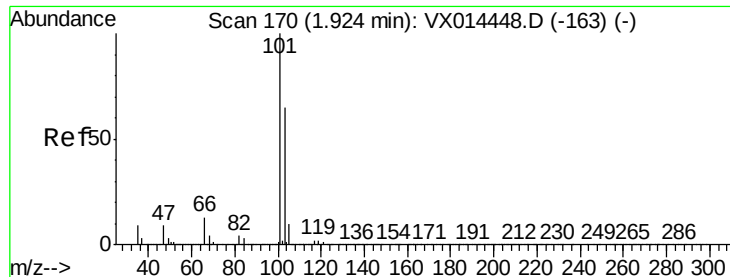
Tgt Ion: 64 Resp: 75410

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9





#7

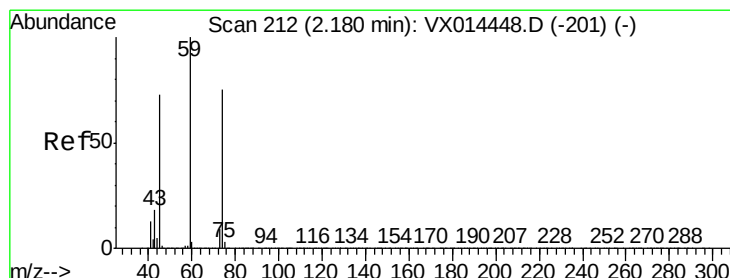
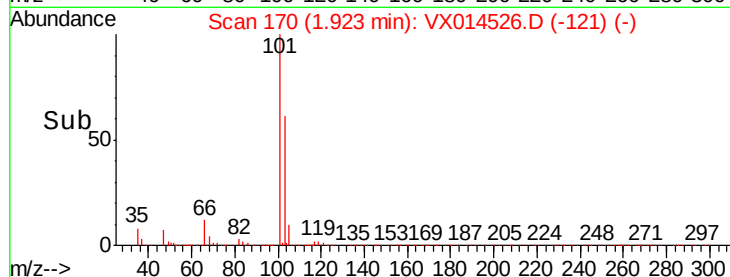
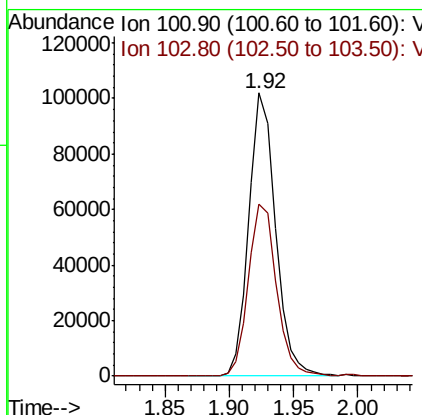
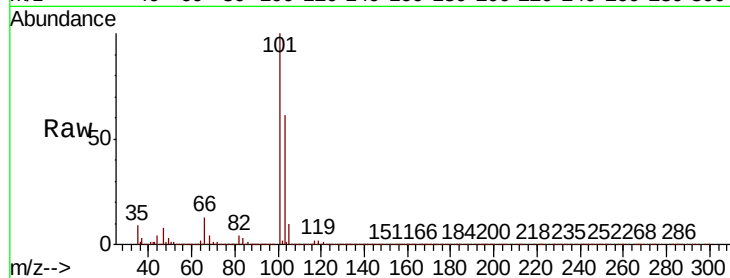
Trichlorofluoromethane
Concen: 18.781 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.2	78.4

Manual Integrations
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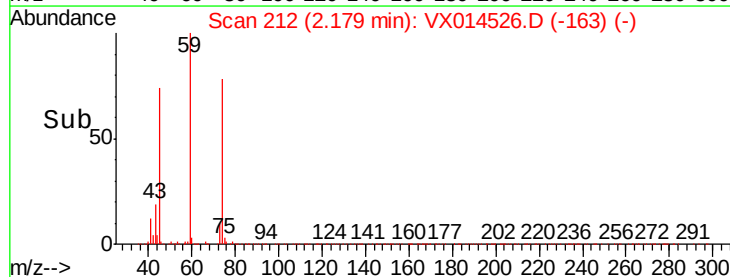
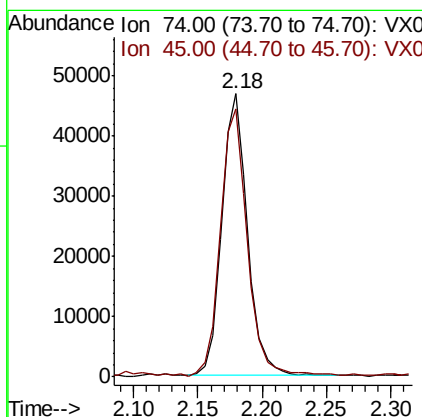
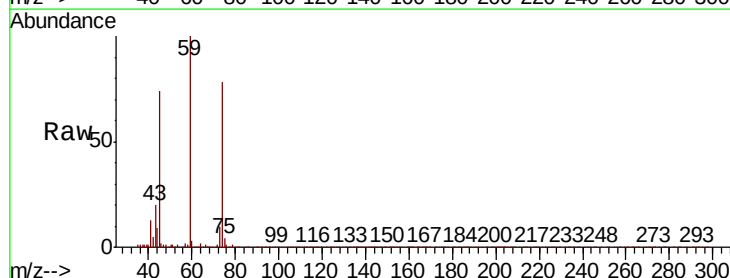
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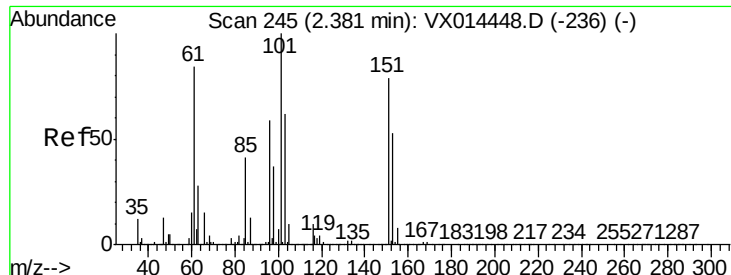


#8

Diethyl Ether
Concen: 18.713 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.071 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

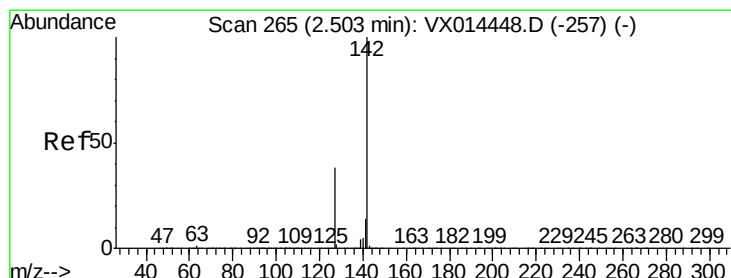
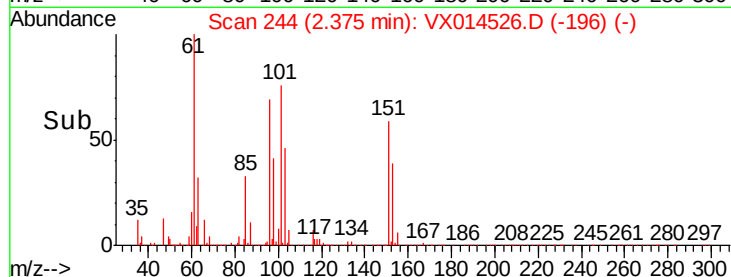
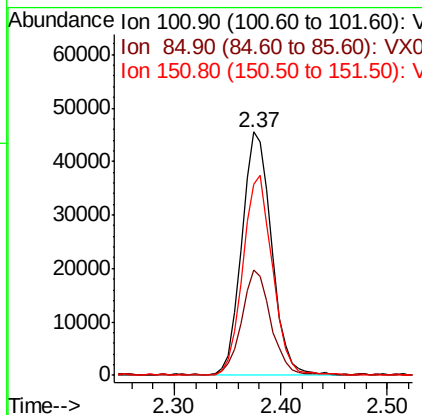
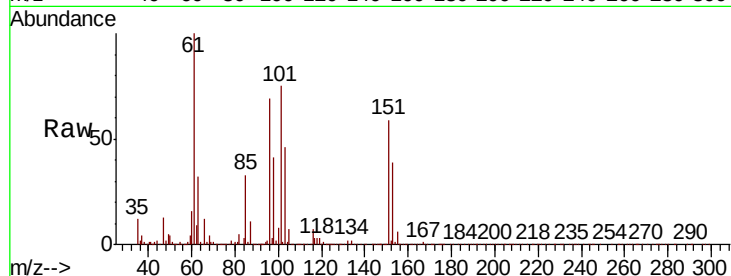
ClientSampleId :

VX0110MBS01

Tot Ion:	101	Resp:	89485
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.8	50.8
151	81.7	65.3	97.9

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#10

Methyl Iodide

Concen: 18.380 ug/l

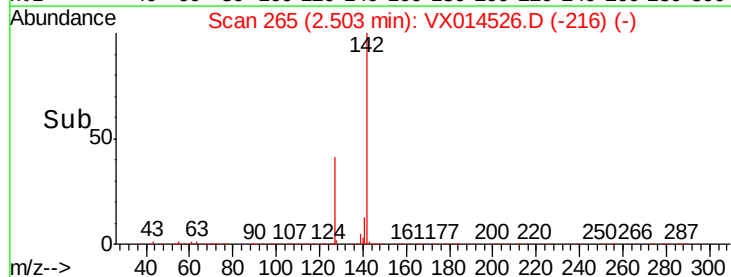
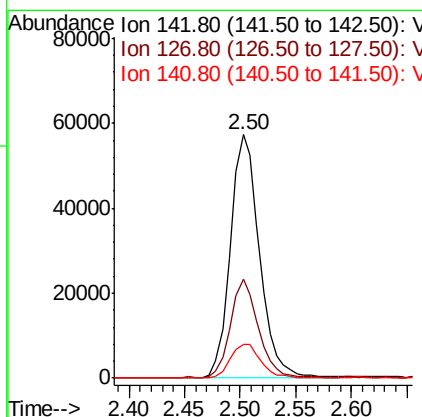
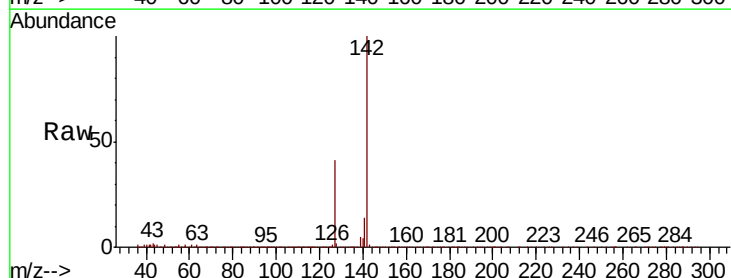
RT: 2.50 min Scan# 265

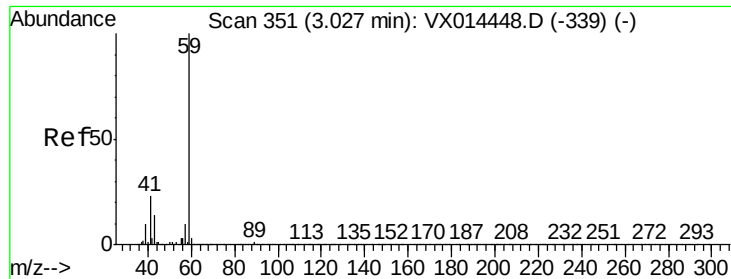
Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Tgt Ion:	142	Resp:	103268
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.2	46.8
141	14.7	11.4	17.2





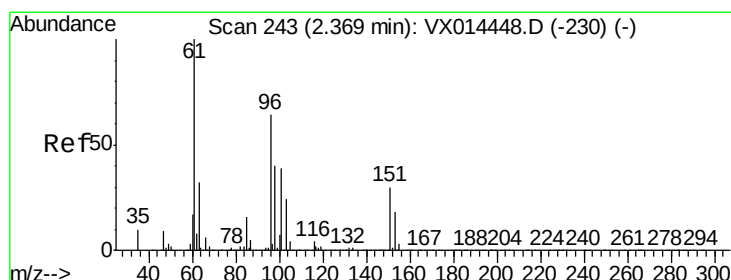
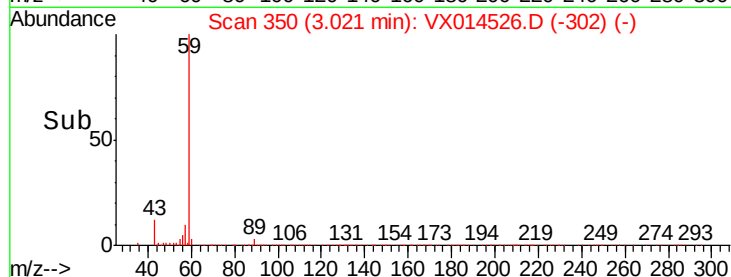
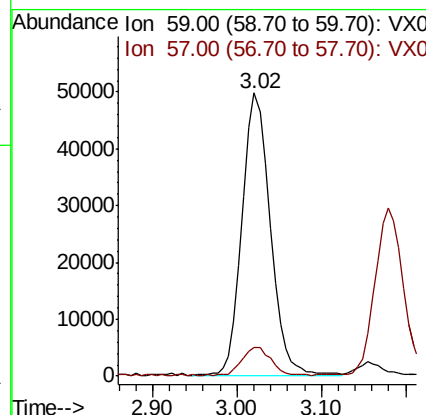
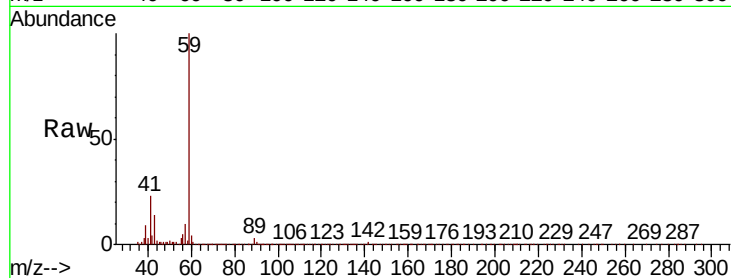
#11
Tert butyl alcohol
Concen: 100.314 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

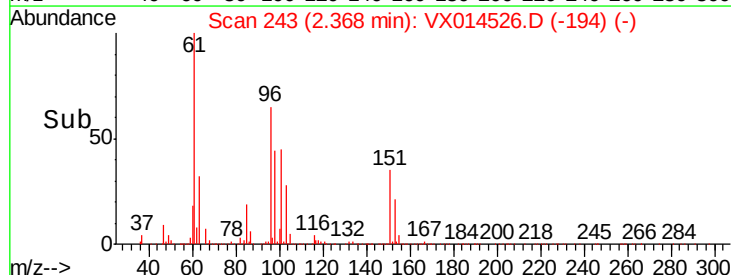
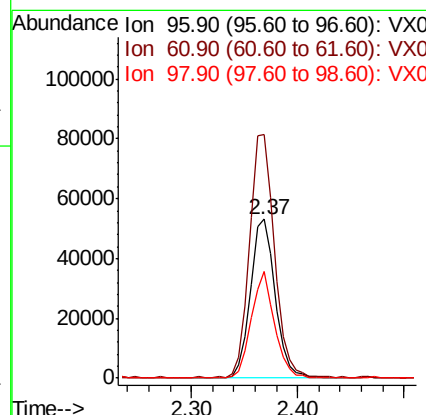
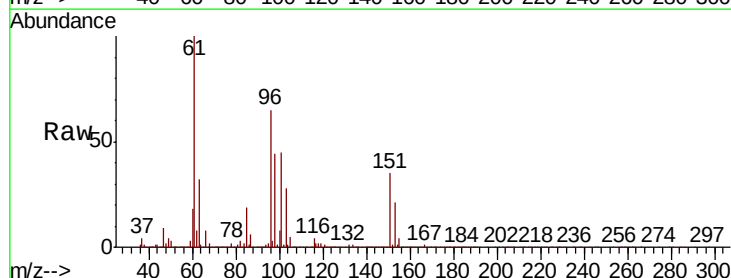
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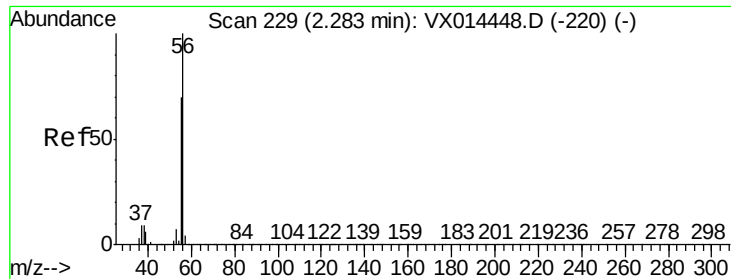
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#12
1,1-Dichloroethene
Concen: 18.331 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	125.0	187.6
98	67.1	50.2	75.2





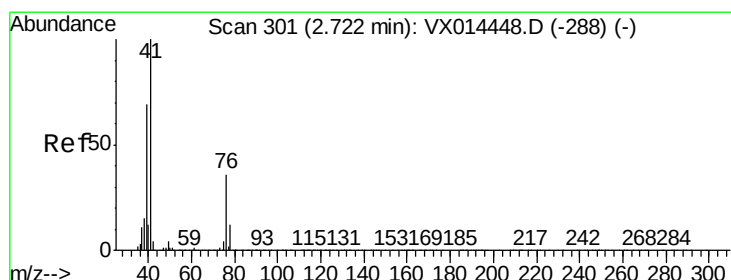
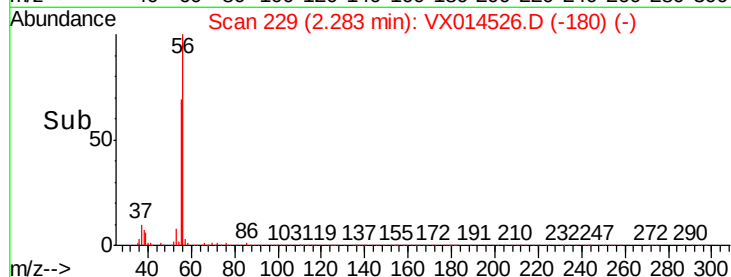
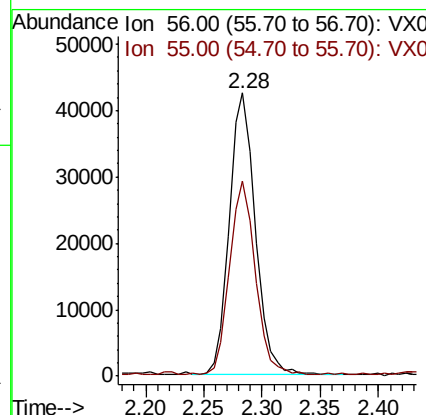
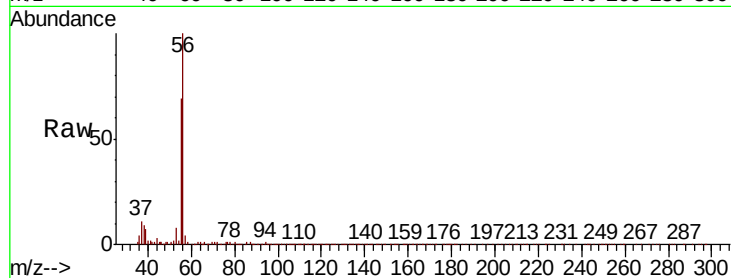
#13
Acrolein
Concen: 73.440 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.1	55.0	82.6

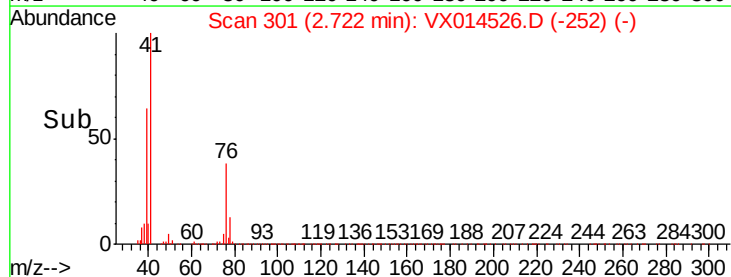
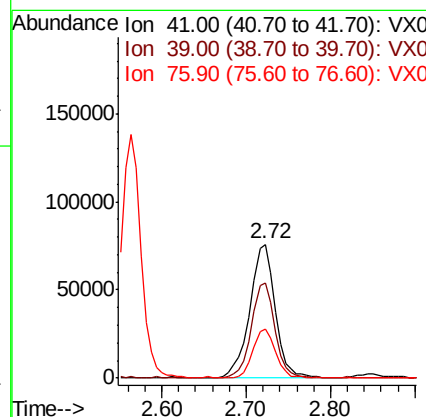
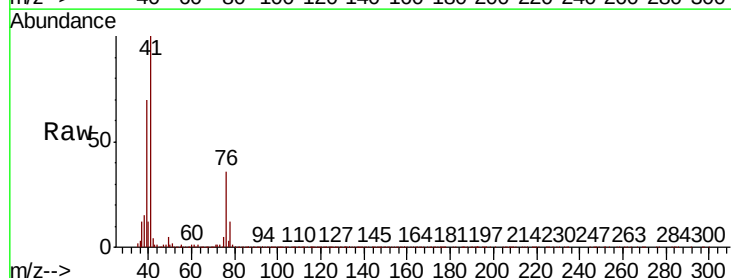
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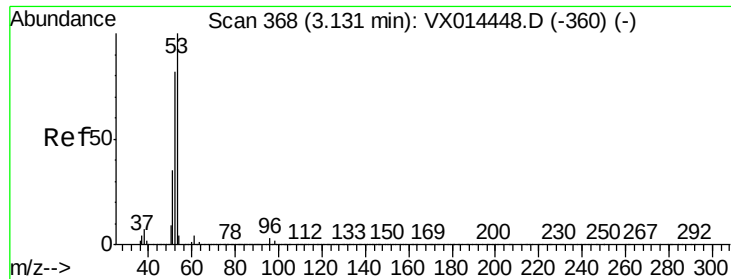
MMDadoda
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#14
Allyl chloride
Concen: 18.518 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	51.7	77.5
76	32.1	26.8	40.2





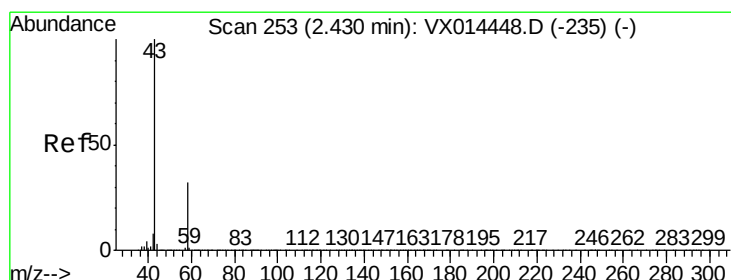
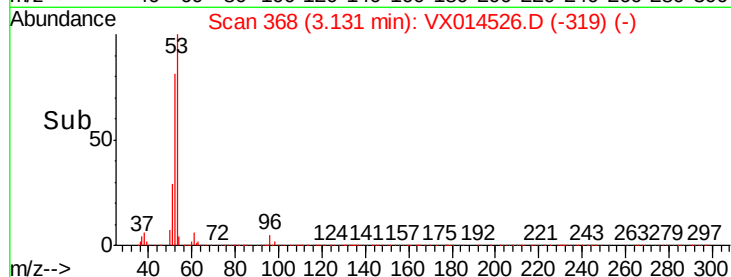
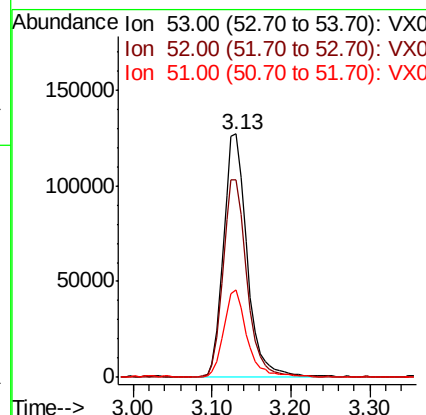
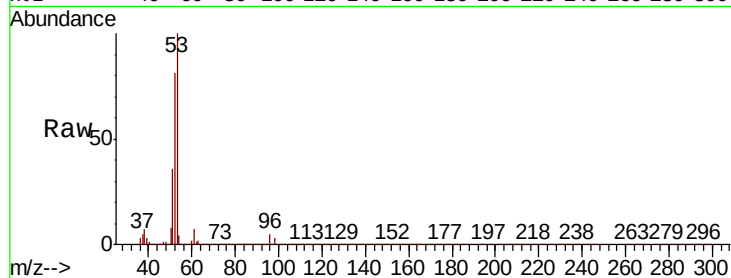
#15
 Acrylonitrile
 Concen: 97.983 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	81.9	67.0	100.4
51	51	35.5	28.5	42.7

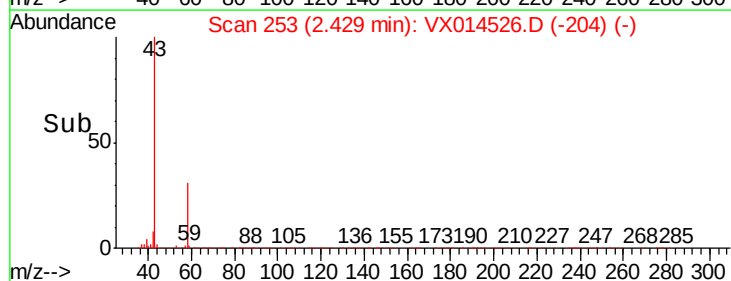
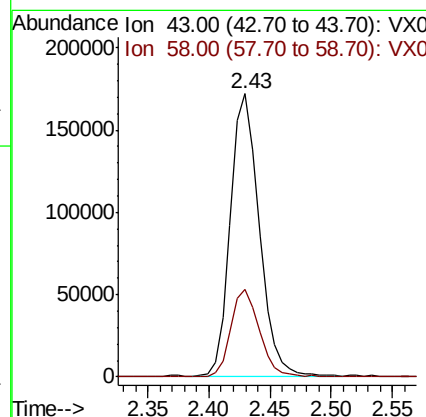
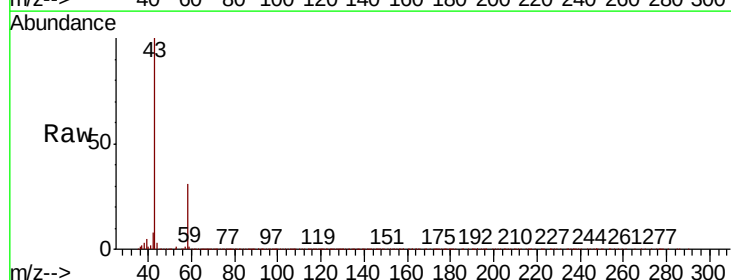
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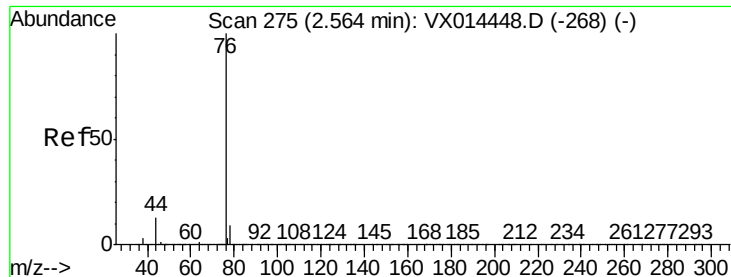
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#16
 Acetone
 Concen: 101.917 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	31.0	25.4	38.0





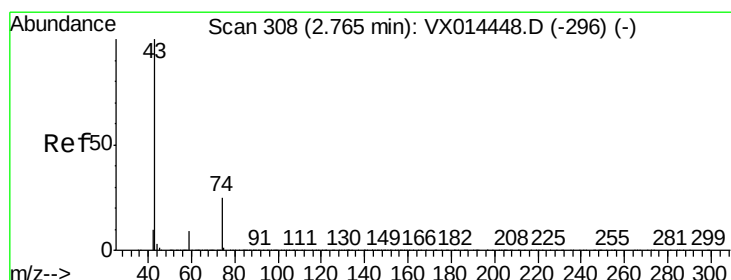
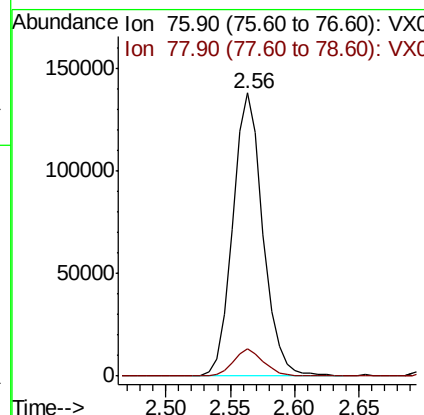
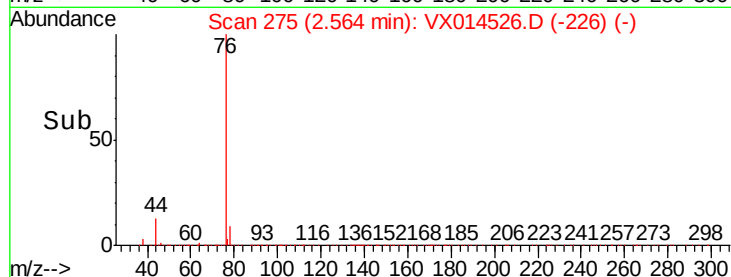
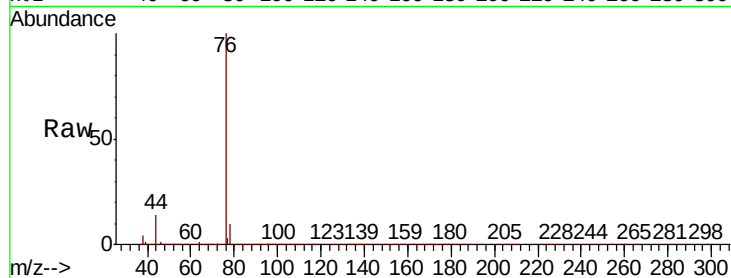
#17
Carbon Disulfide
Concen: 17.059 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

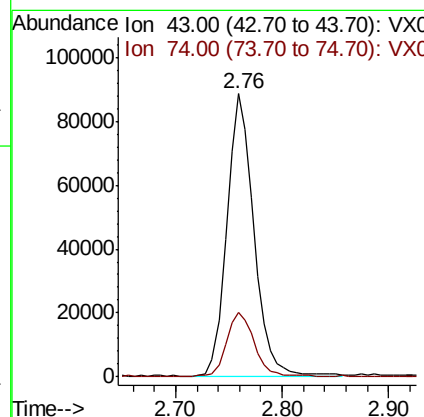
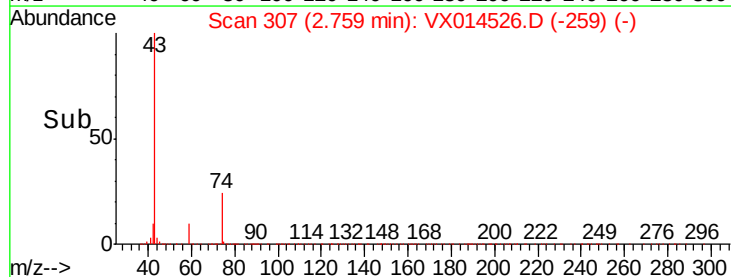
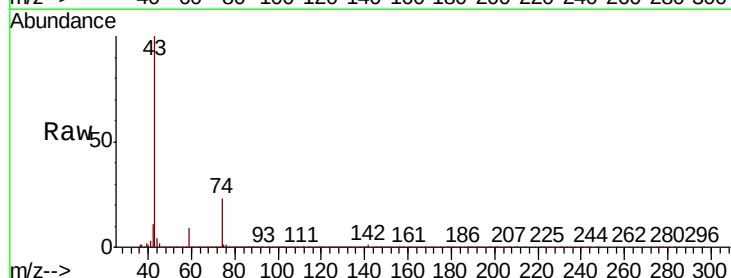
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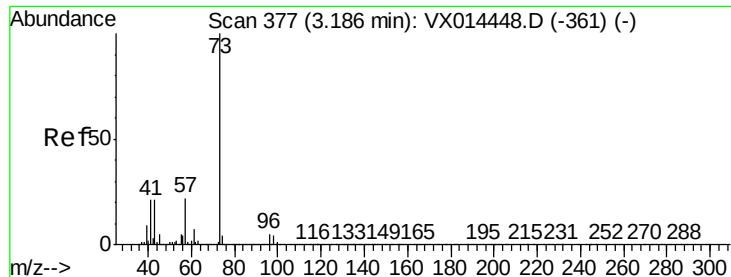
MMDadoda
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#18
Methyl Acetate
Concen: 20.274 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.2





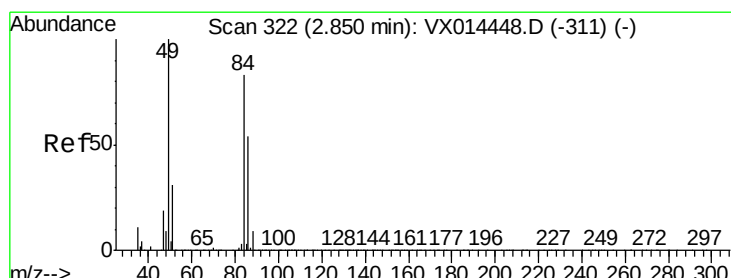
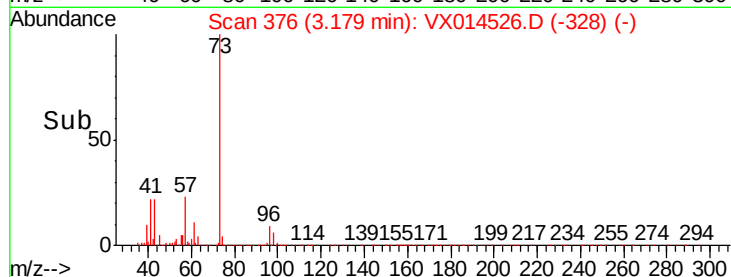
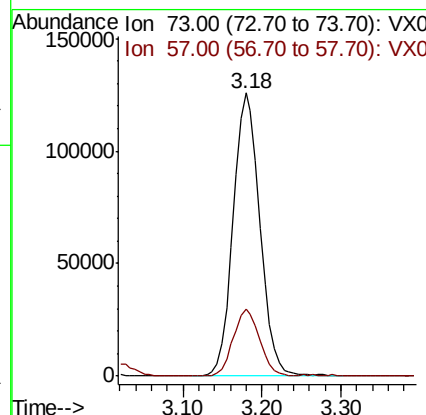
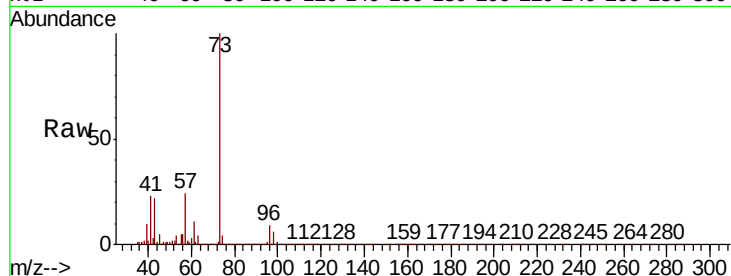
#19
Methyl tert-butyl Ether
Concen: 19.498 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.8	26.8

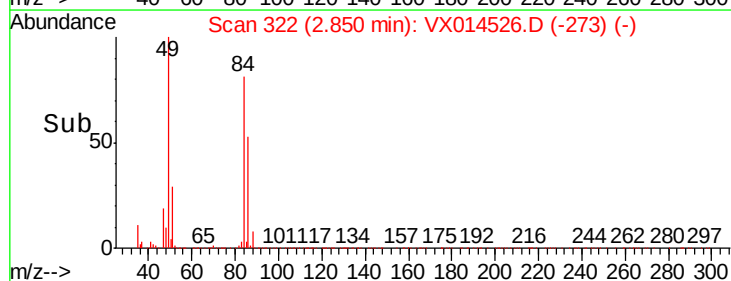
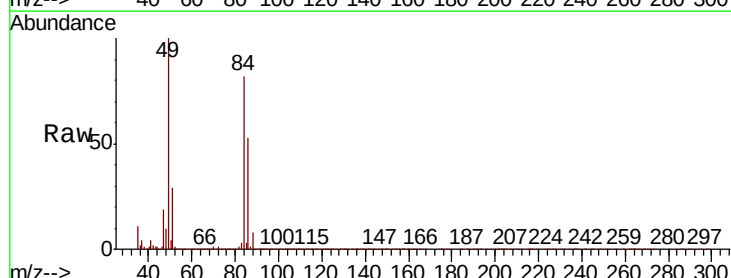
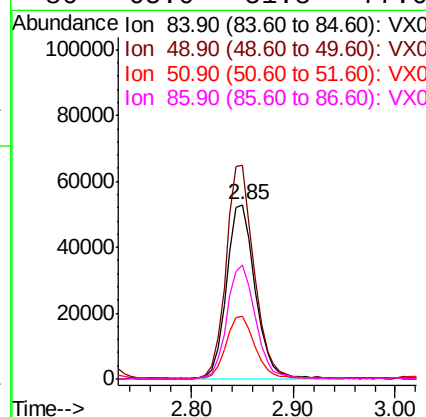
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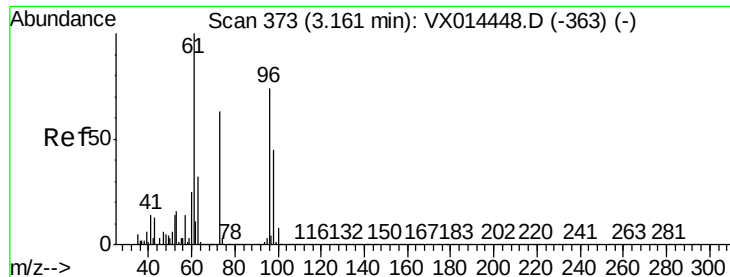
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#20
Methylene Chloride
Concen: 19.031 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	95.8	143.8
51	35.4	30.2	45.4
86	65.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.998 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

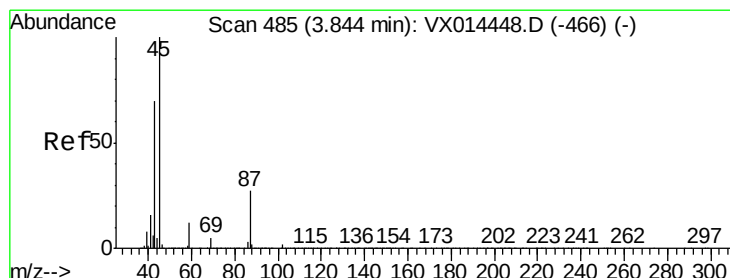
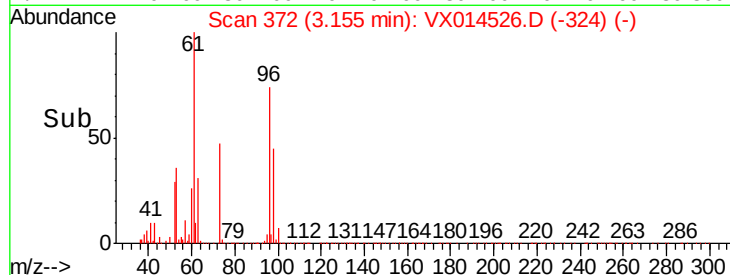
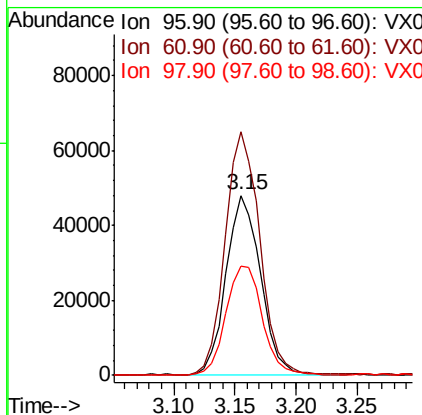
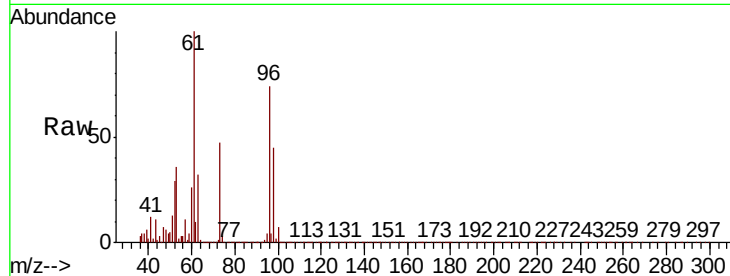
ClientSampleId :

VX0110MBS01

Tot Ion:	96	Resp:	92891
Ion Ratio	Lower	Upper	
96	100		
61	135.6	108.2	162.4
98	60.7	48.8	73.2

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#22

Diisopropyl ether

Concen: 19.896 ug/l

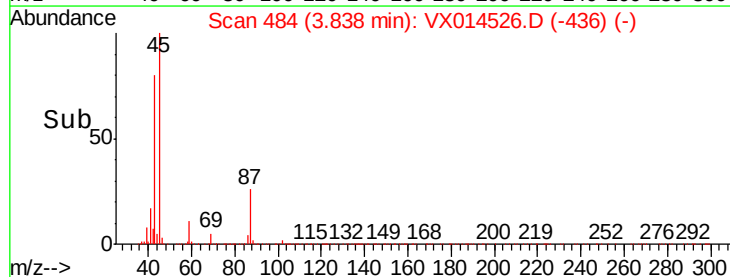
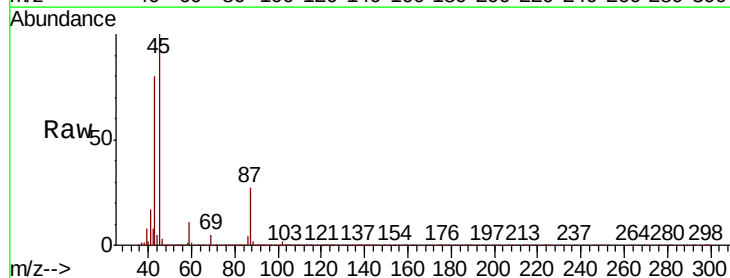
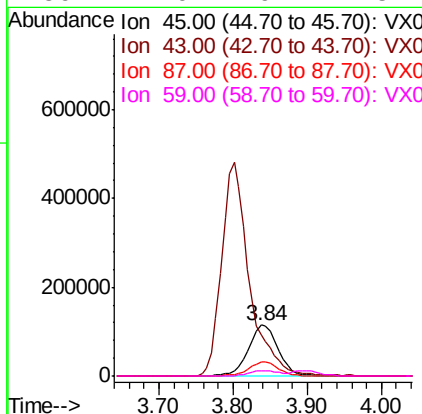
RT: 3.84 min Scan# 484

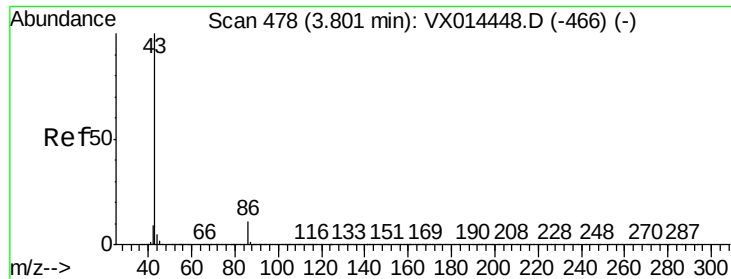
Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Tgt Ion:	45	Resp:	319136
Ion Ratio	Lower	Upper	
45	100		
43	79.7	55.8	83.6
87	26.5	21.8	32.8
59	11.0	9.1	13.7





#23

Vinyl Acetate

Concen: 100.666 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampled :

VX0110MBS01

Tot Ion: 43 Resp: 1250125

Ion Ratio Lower Upper

43 100

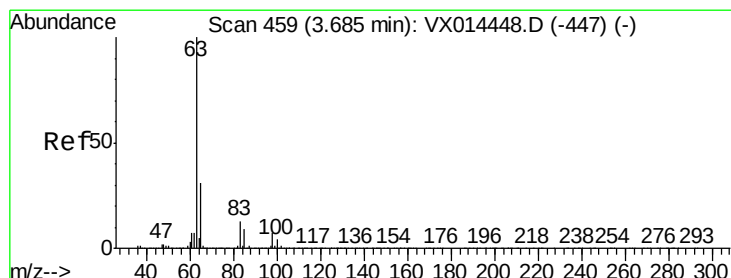
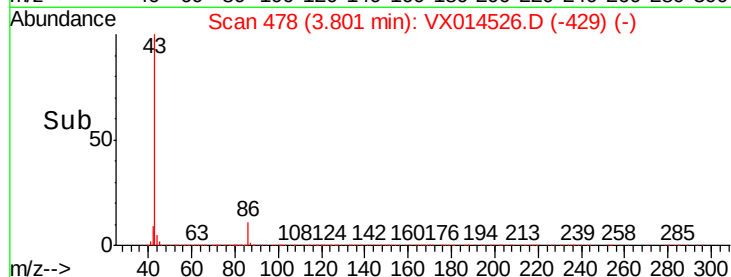
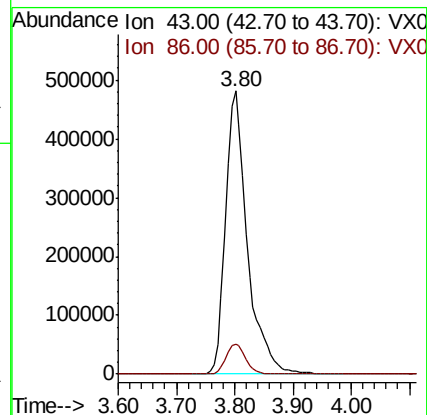
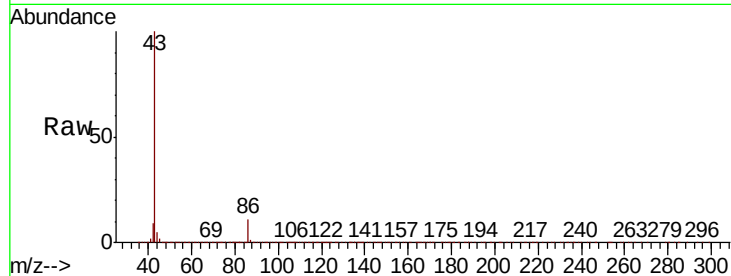
86 10.6 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.235 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

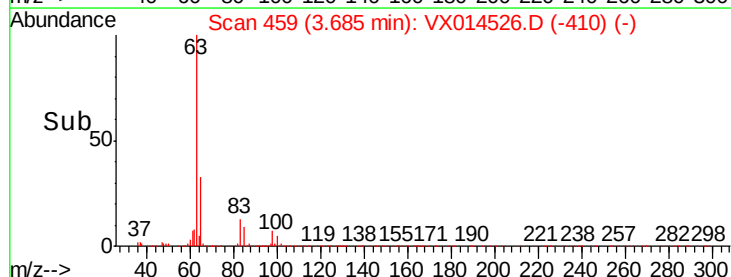
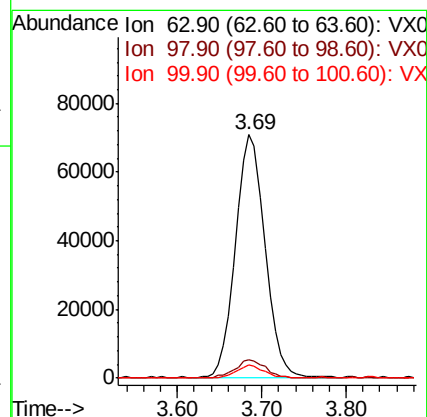
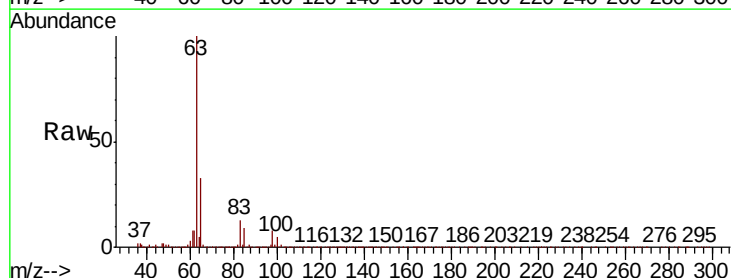
Tgt Ion: 63 Resp: 167839

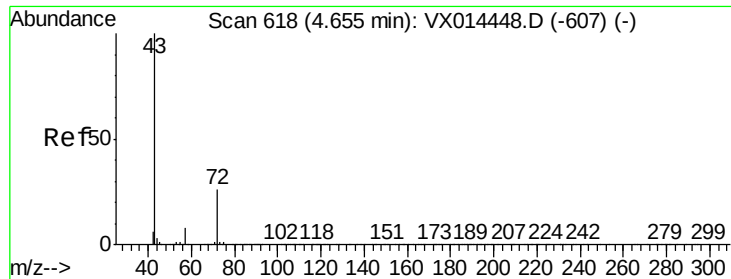
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.2 2.3 6.8





#25

2-Butanone

Concen: 97.621 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion: 43 Resp: 389654

Ion Ratio Lower Upper

43 100

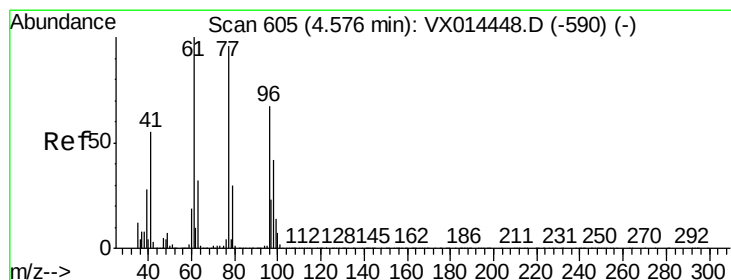
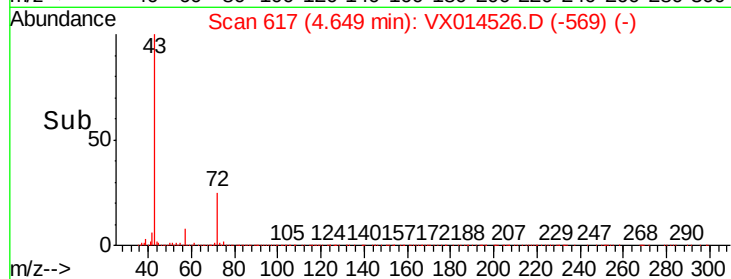
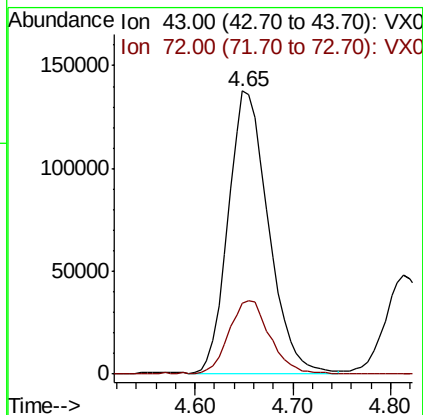
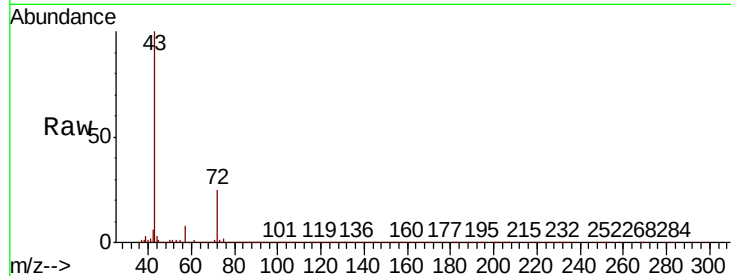
72 25.0 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 18.042 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014526.D

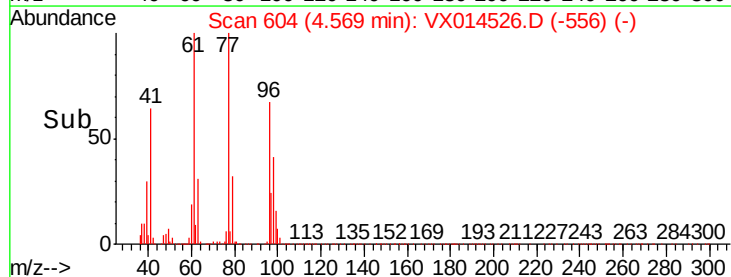
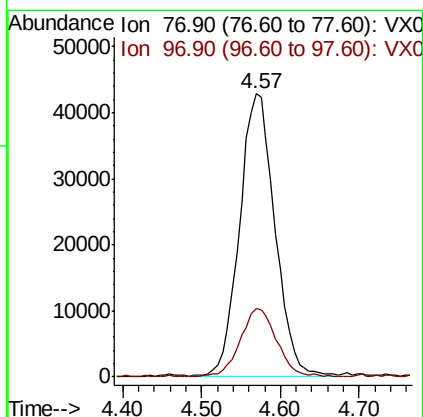
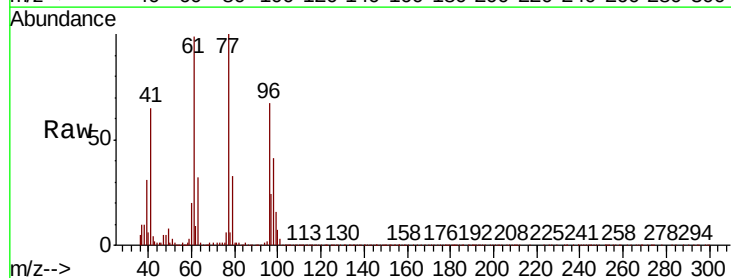
Acq: 10 Jan 2020 10:45

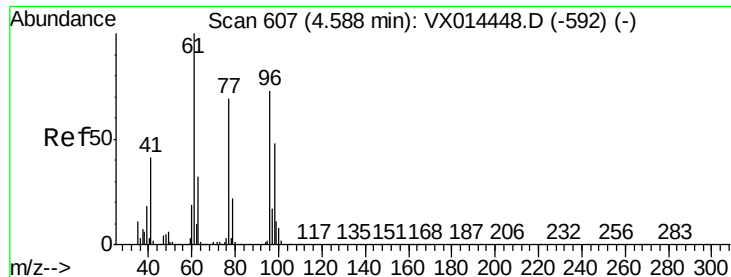
Tgt Ion: 77 Resp: 133359

Ion Ratio Lower Upper

77 100

97 25.1 11.7 35.1





#27

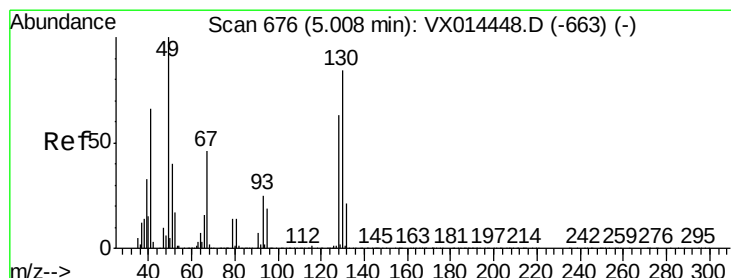
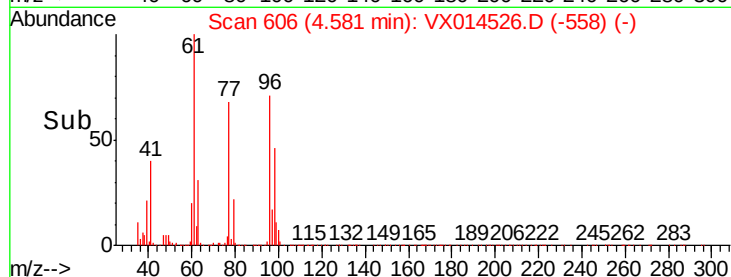
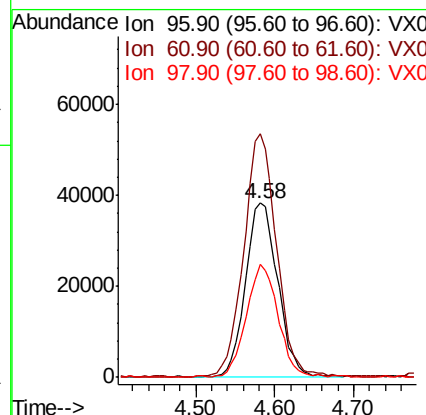
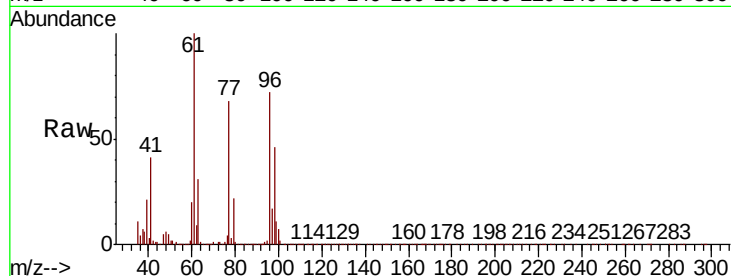
cis-1,2-Dichloroethene
Concen: 18.806 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	144.2	0.0	285.4
98	63.6	0.0	130.6

Manual Integrations
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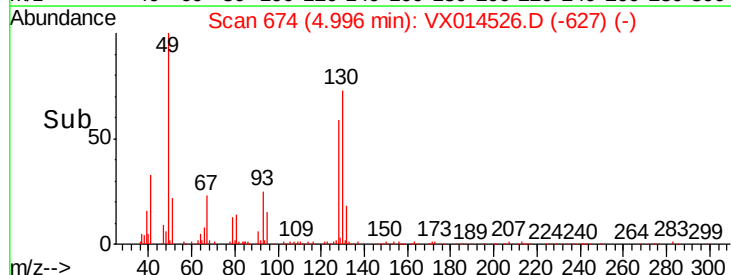
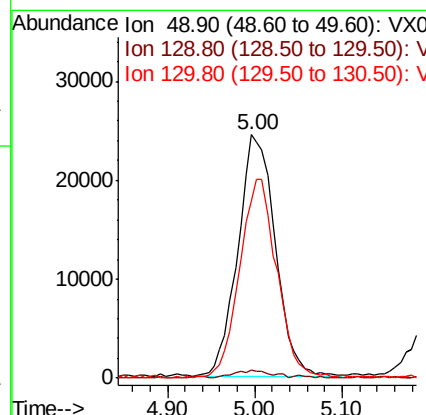
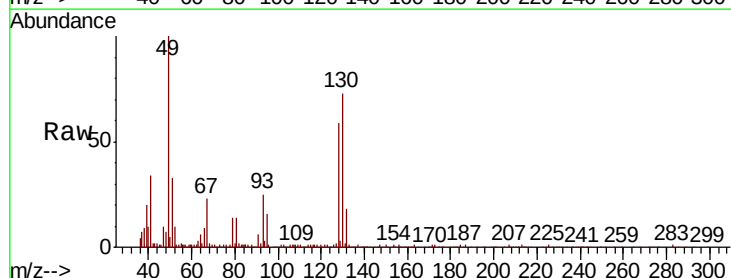
MMDadoda
1/13/2020 11:34:36 AM

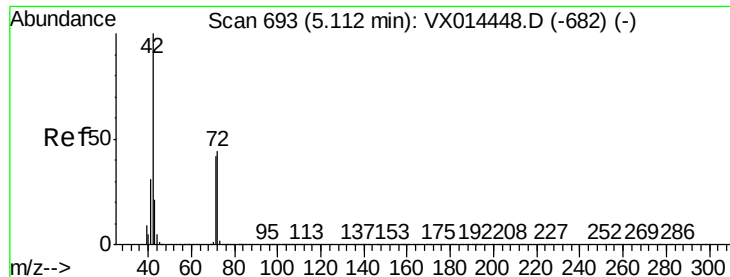


#28

Bromochloromethane
Concen: 19.659 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	3.2	0.0	4.4
130	82.6	67.0	100.4





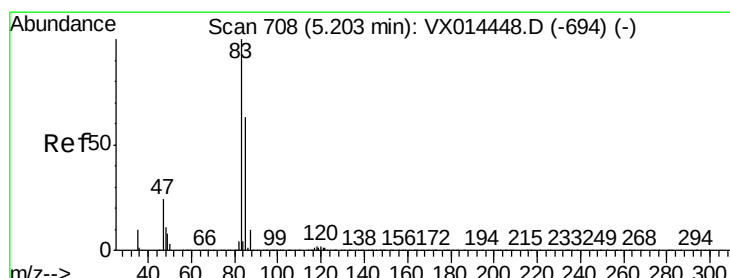
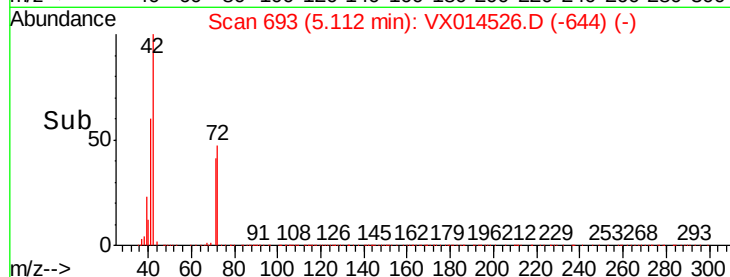
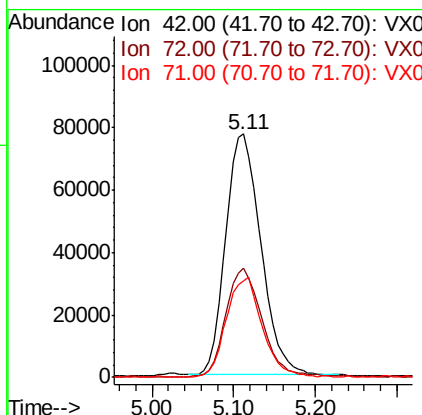
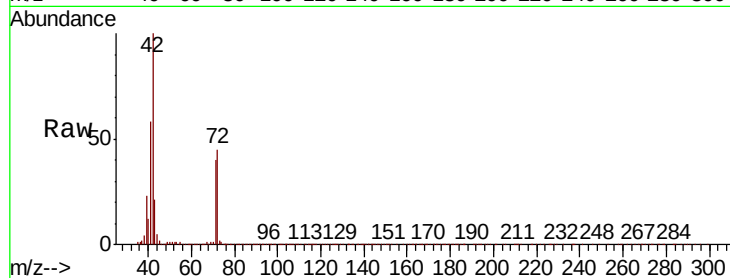
#29
Tetrahydrofuran
Concen: 98.091 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.2	54.4
71	41.8	34.1	51.1

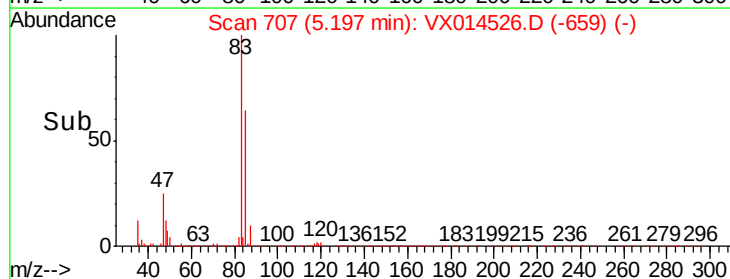
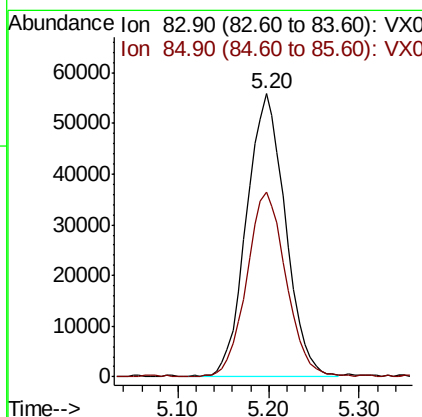
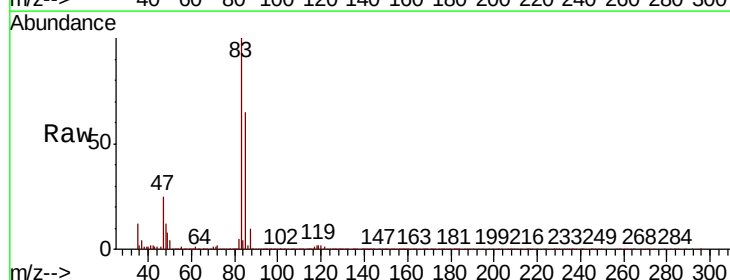
Manual Integrations
APPROVED

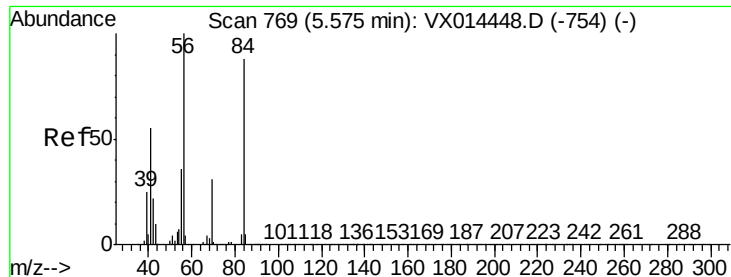
MMDadoda
1/13/2020 11:34:36 AM



#30
Chloroform
Concen: 19.373 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.6	75.8





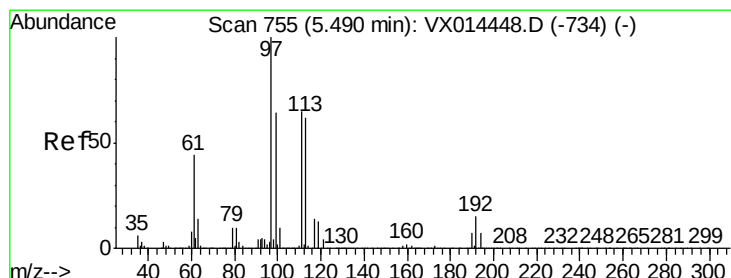
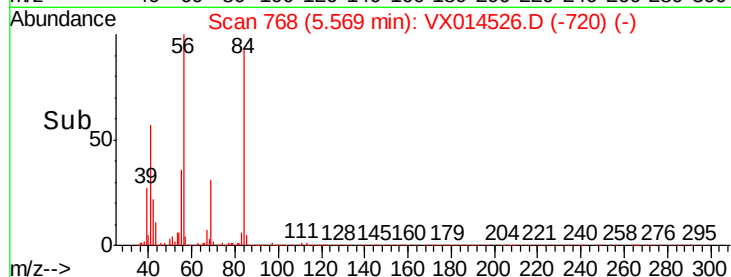
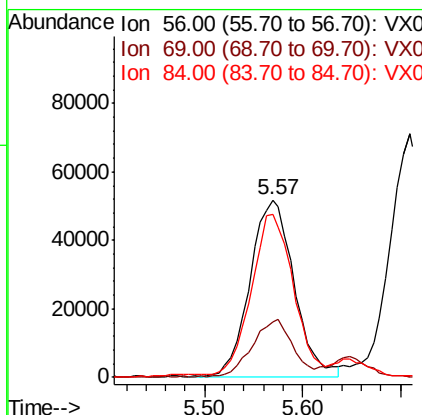
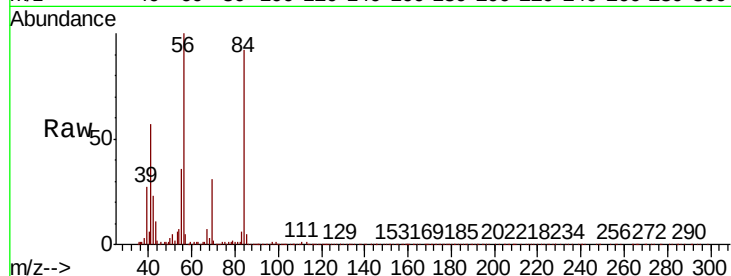
#31
Cyclohexane
Concen: 19.641 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.4	36.6
84	91.0	70.6	106.0

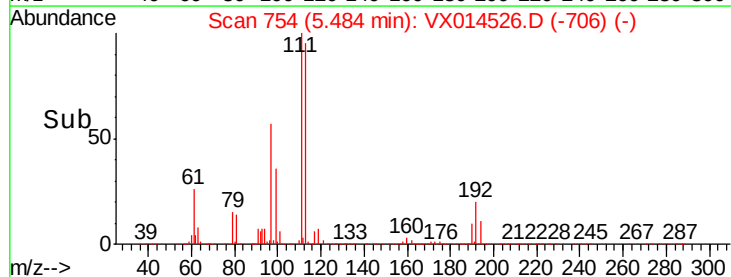
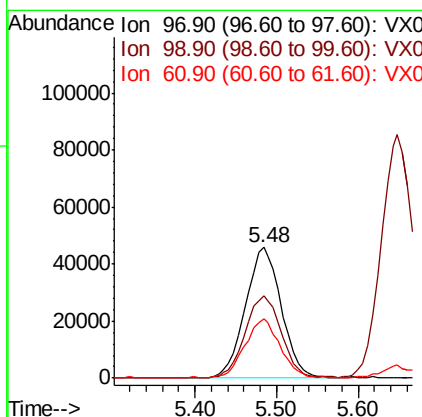
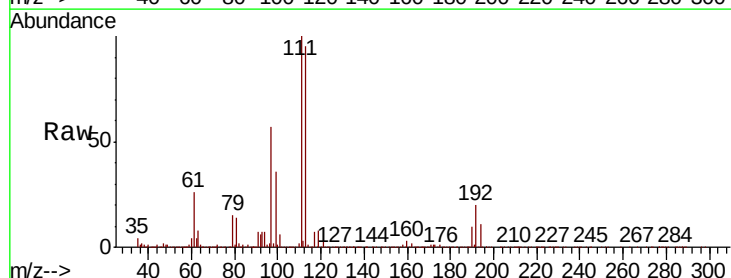
Manual Integrations
APPROVED

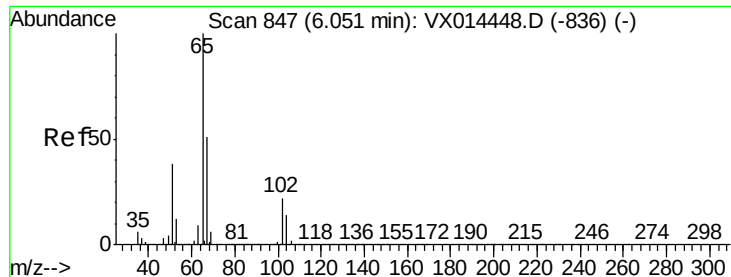
MMDadoda
1/13/2020 11:34:36 AM



#32
1,1,1-Trichloroethane
Concen: 19.056 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	43.9	35.9	53.9





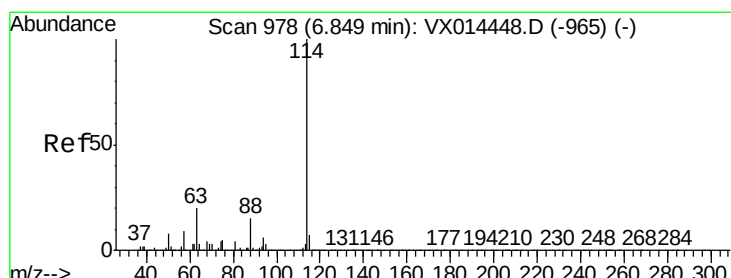
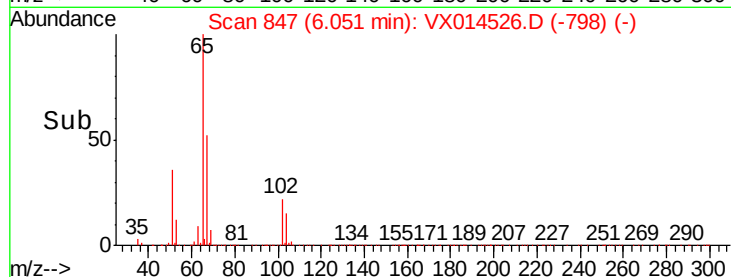
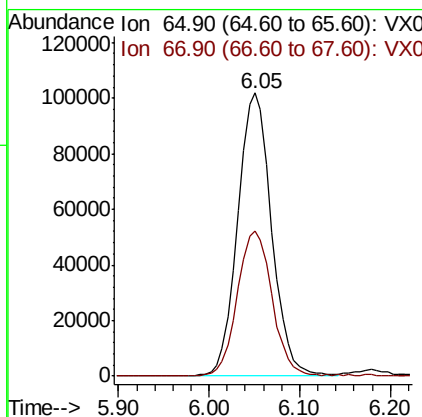
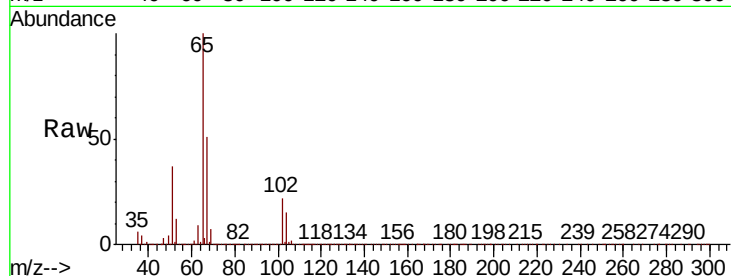
#33
 1,2-Dichloroethane-d4
 Concen: 49.256 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2

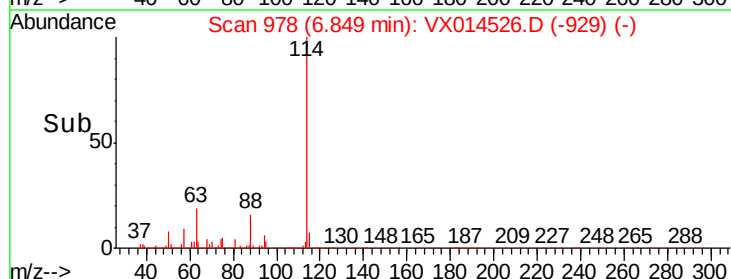
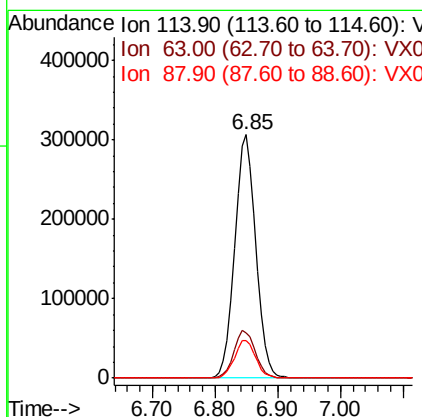
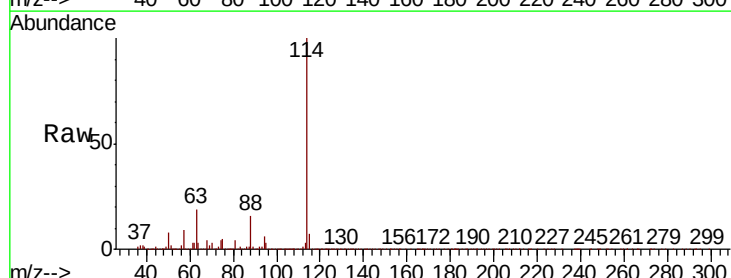
Manual Integrations
 APPROVED

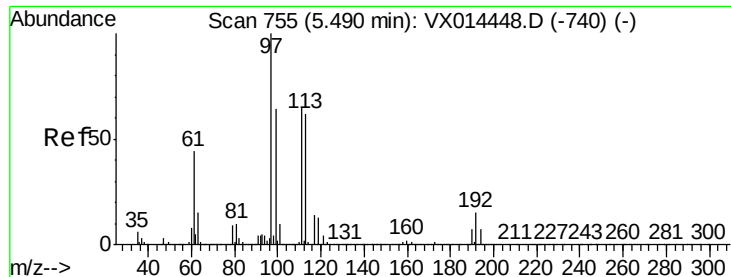
MMDadoda
 1/13/2020 11:34:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.6
88	15.6	0.0	30.8





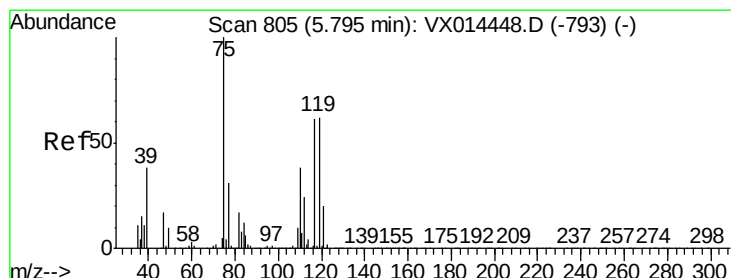
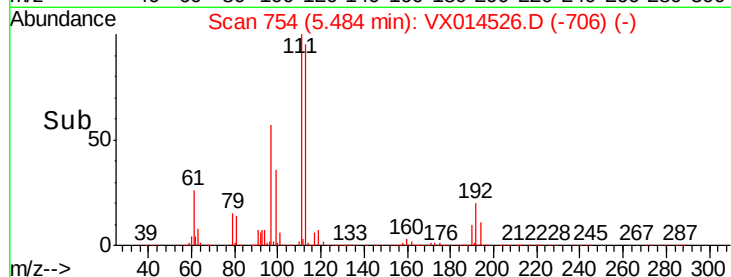
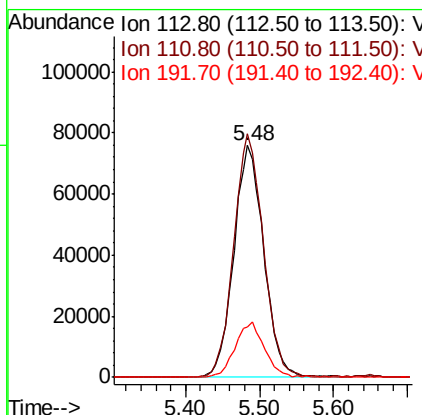
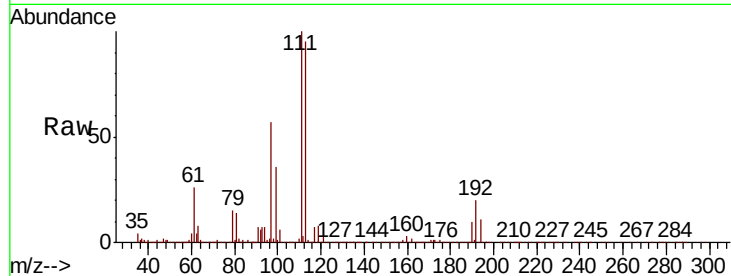
#35
Dibromofluoromethane
Concen: 49.424 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	212865		
111	104.2	81.5	122.3	
192	23.6	19.2	28.8	

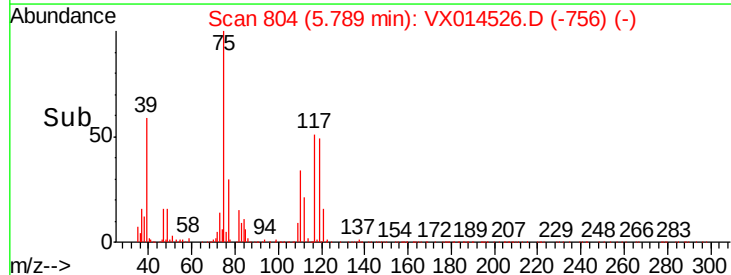
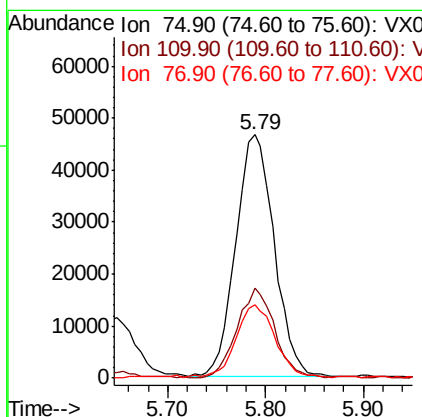
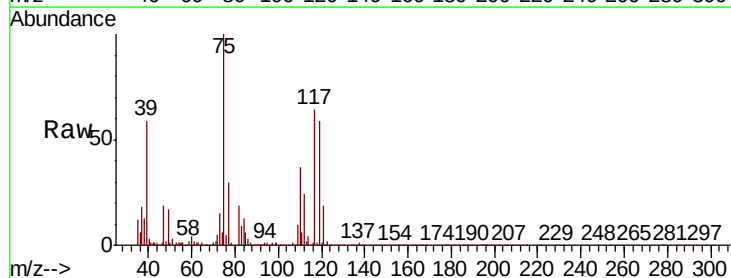
Manual Integrations
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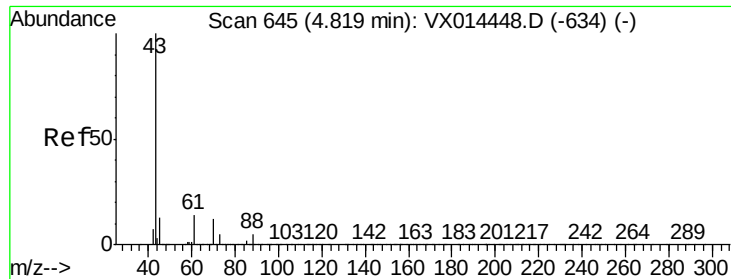
MMDadoda
1/13/2020 11:34:36 AM



#36
1,1-Dichloropropene
Concen: 18.942 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126737		
110	36.7	18.6	55.8	
77	30.0	24.5	36.7	





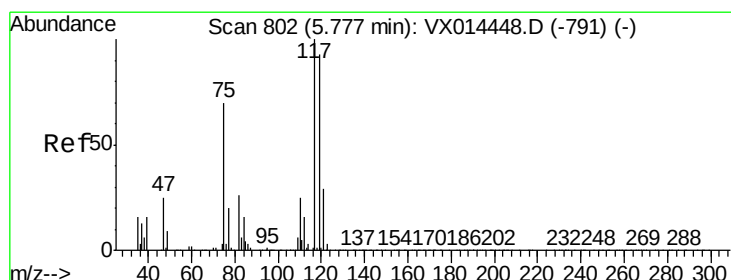
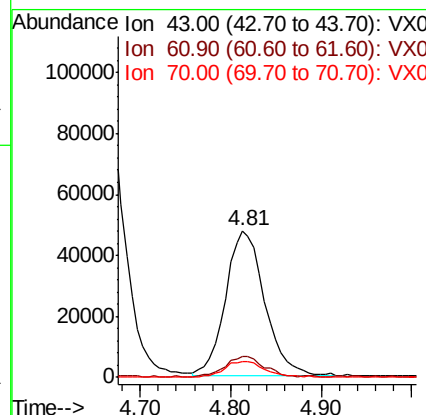
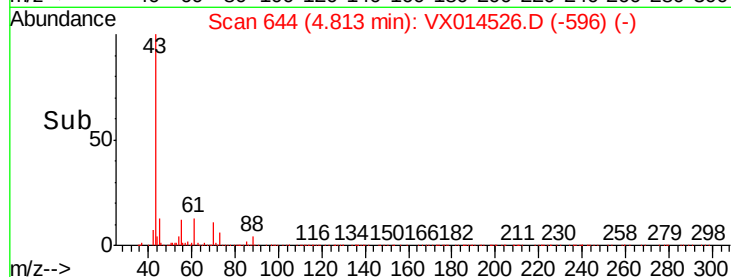
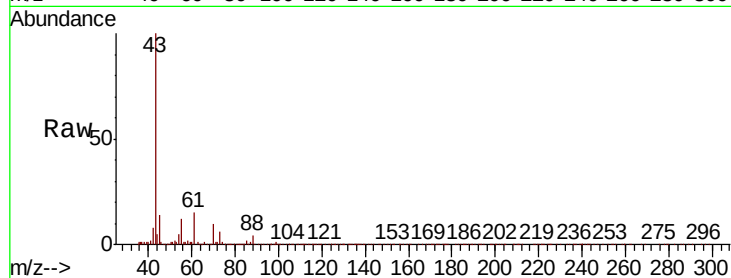
#37
Ethyl Acetate
Concen: 19.442 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	11.7	8.9	13.3

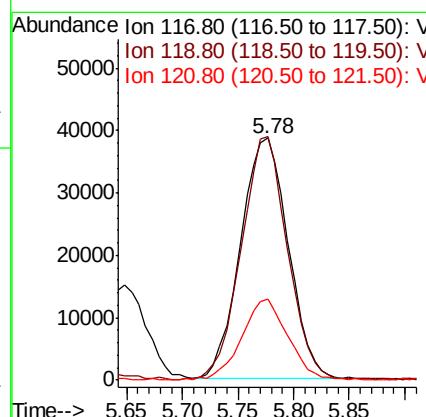
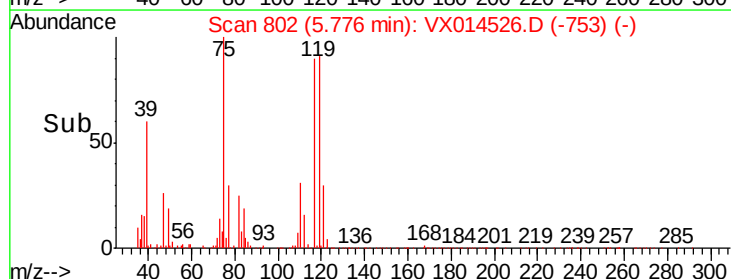
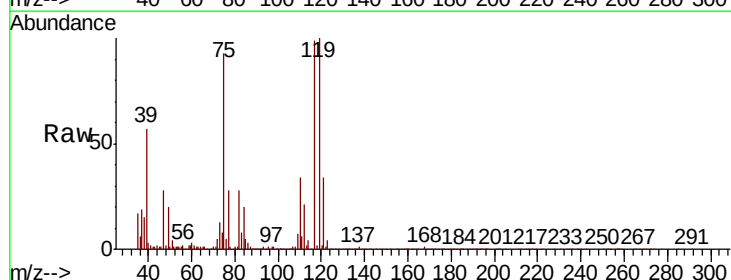
Manual Integrations
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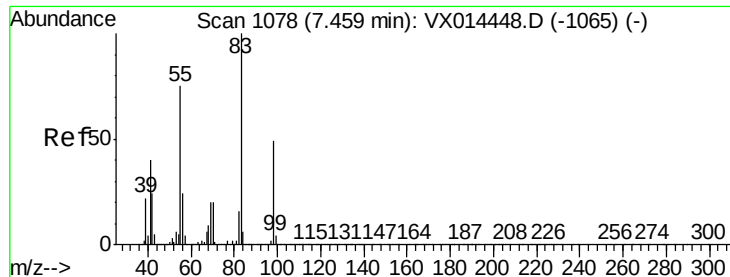
MMDadoda
1/13/2020 11:34:36 AM



#38
Carbon Tetrachloride
Concen: 18.662 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	73.8	110.8
121	33.6	23.4	35.0





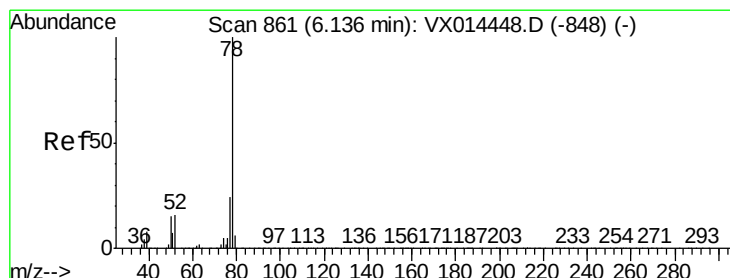
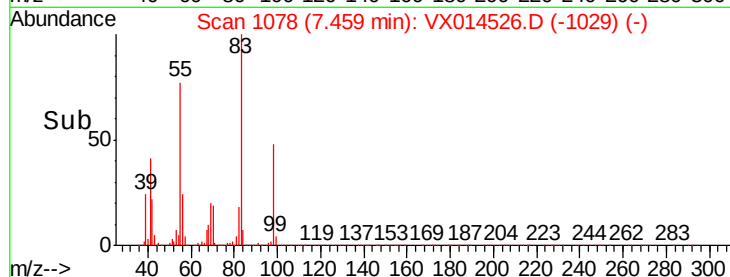
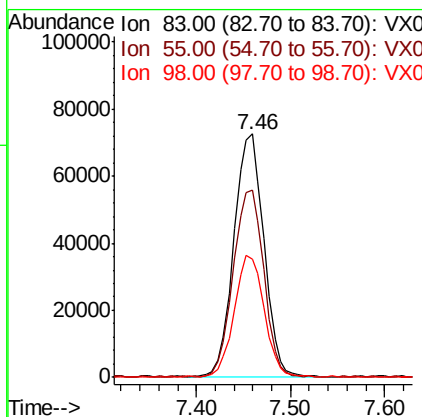
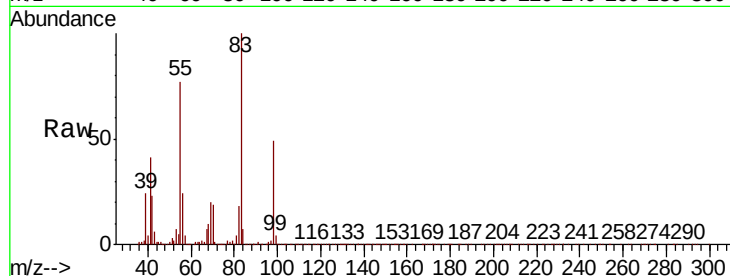
#39
Methylvlcyclohexane
Concen: 19.127 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	59.7	89.5
98	48.3	39.1	58.7

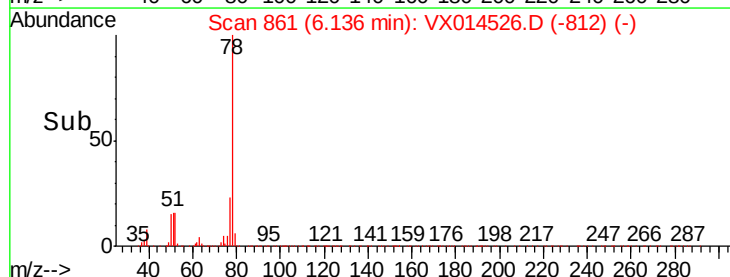
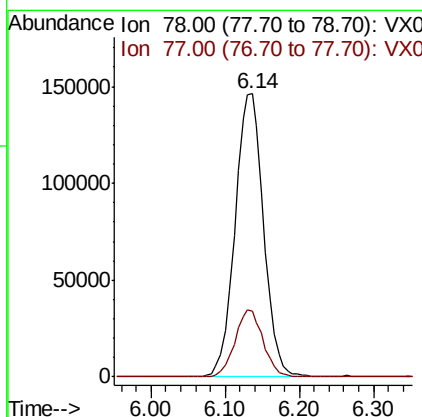
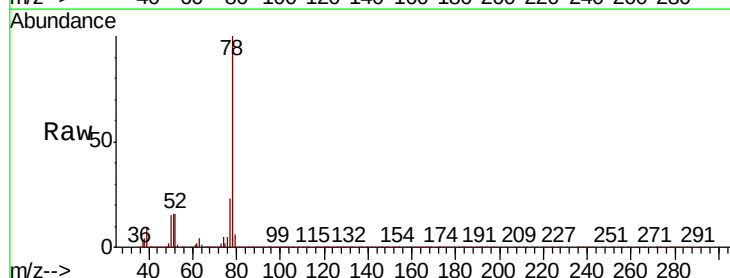
Manual Integrations
APPROVED

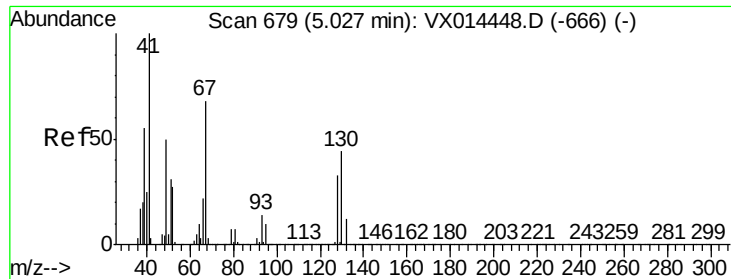
MMDadoda
1/13/2020 11:34:36 AM



#40
Benzene
Concen: 19.715 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.5	29.3





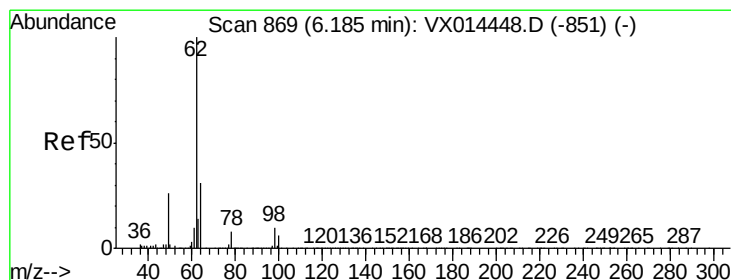
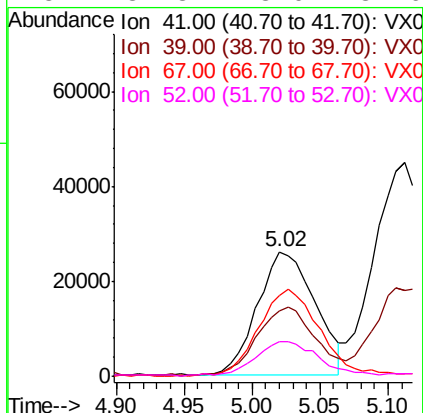
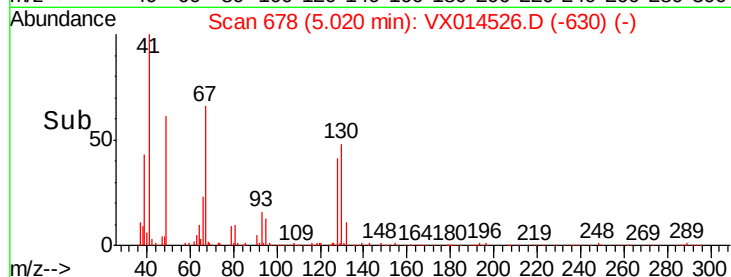
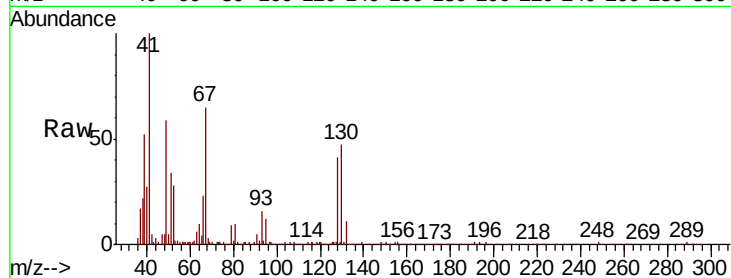
#41
Methacrylonitrile
Concen: 20.051 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		77711		
39	57.9	43.6	65.4		
67	73.8	57.9	86.9		
52	31.3	23.0	34.6		

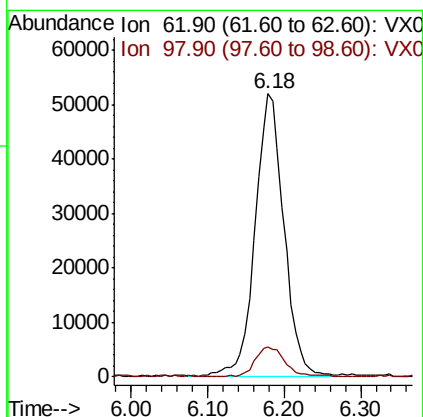
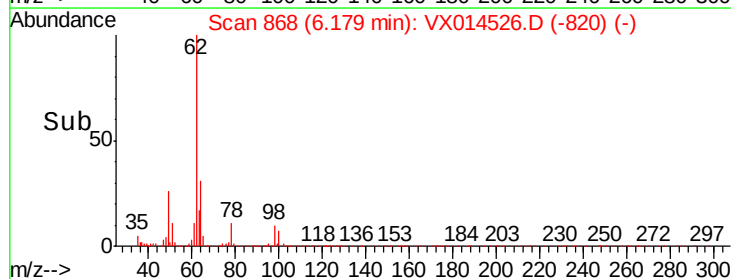
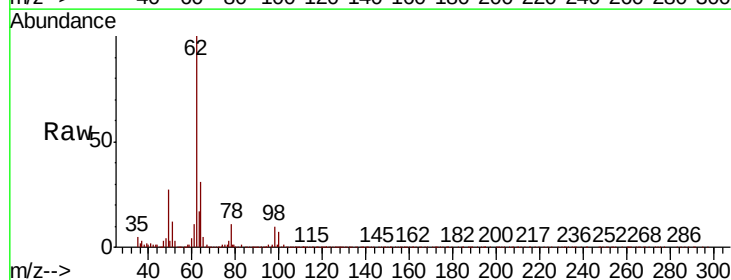
Manual Integrations
APPROVED

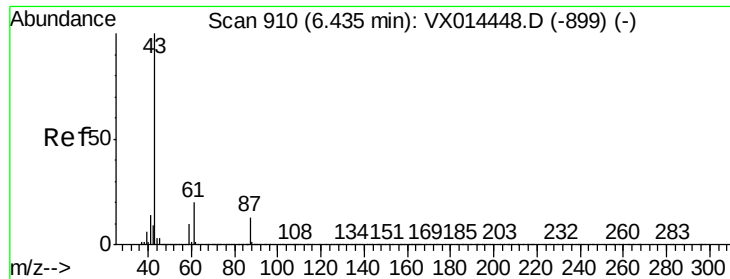
MMDadoda
1/13/2020 11:34:36 AM



#42
1,2-Dichloroethane
Concen: 19.560 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		135812		
98	10.6	0.0	20.4		





#43

Isopropyl Acetate

Concen: 19.606 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

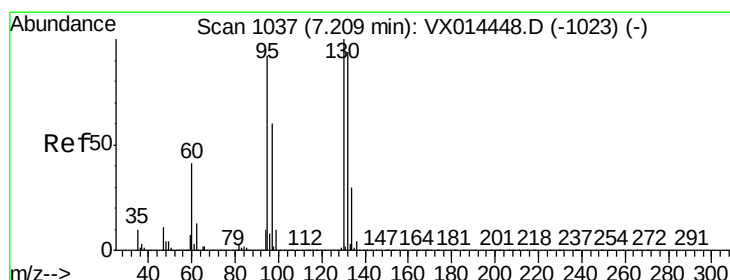
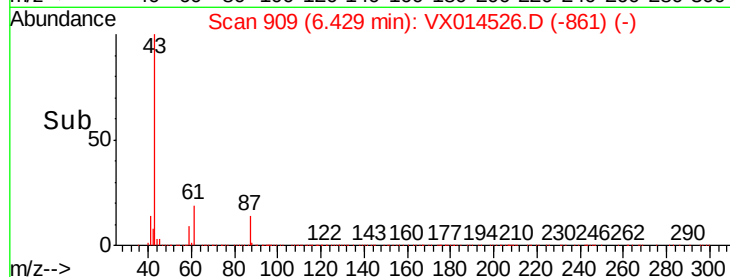
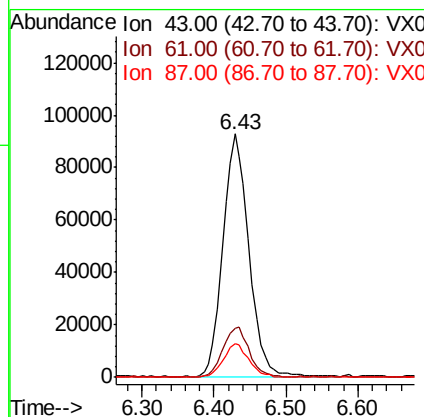
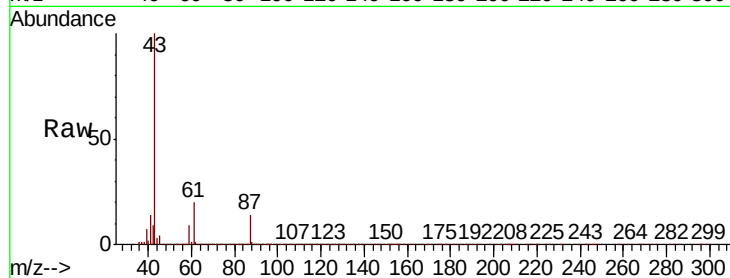
ClientSampleId :

VX0110MBS01

Tot Ion:	43	Resp:	230176
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.6	24.8
87	13.3	10.8	16.2

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#44

Trichloroethene

Concen: 18.831 ug/l

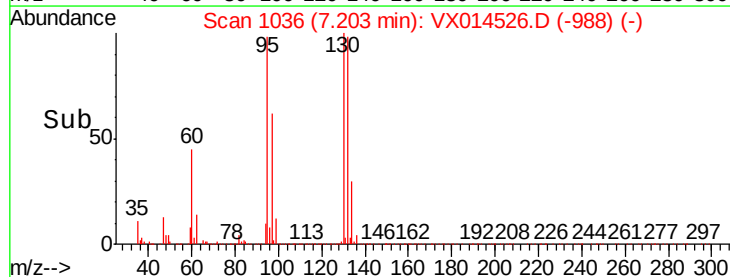
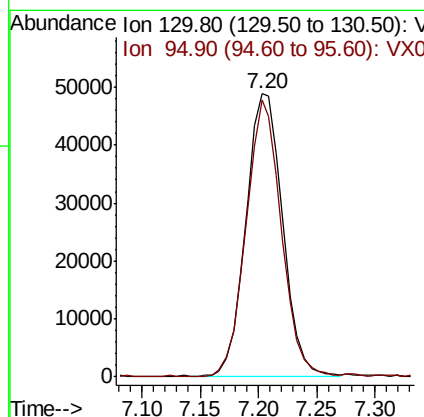
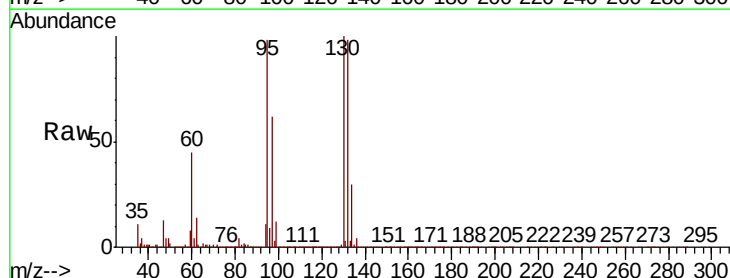
RT: 7.20 min Scan# 1036

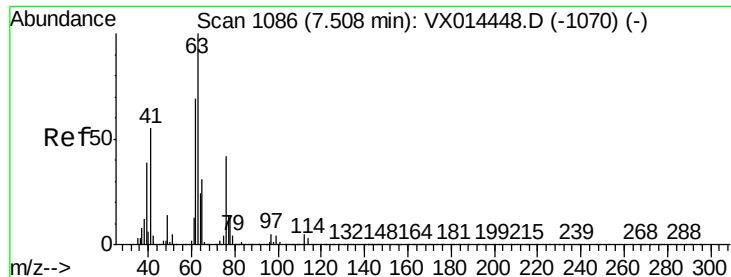
Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Tgt Ion:	130	Resp:	107467
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	184.2





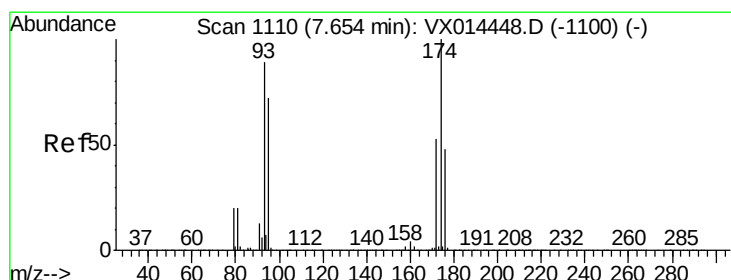
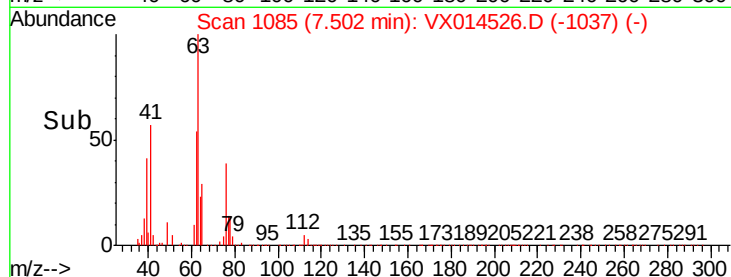
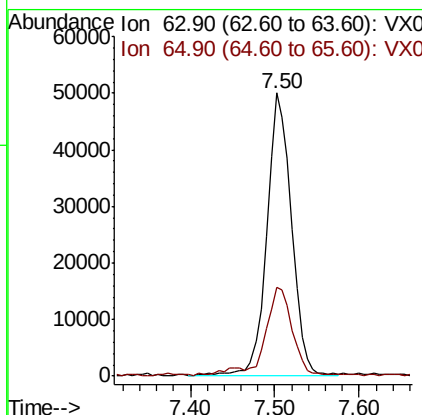
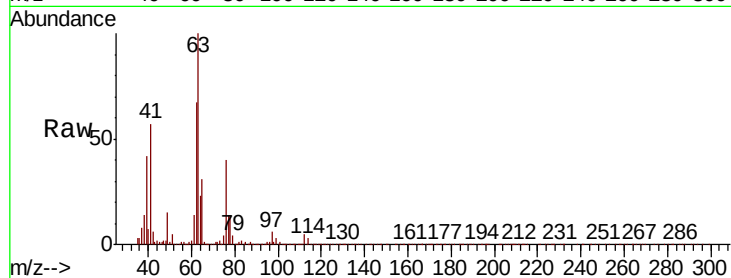
#45
 1,2-Dichloropropane
 Concen: 19.850 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.8	37.2

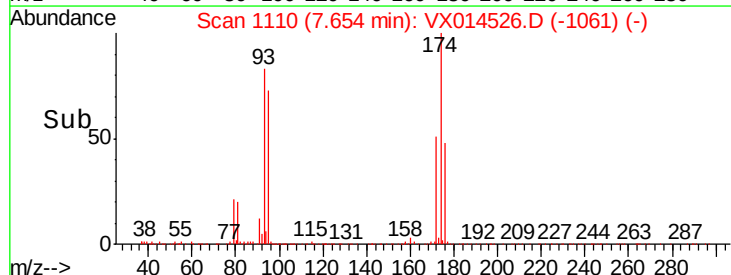
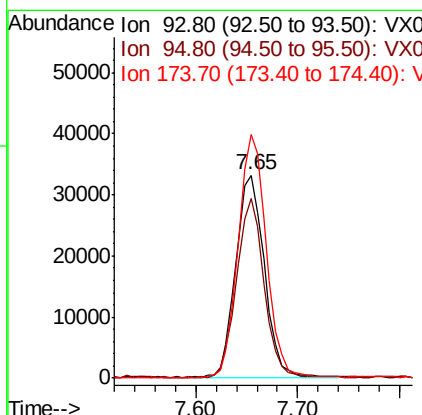
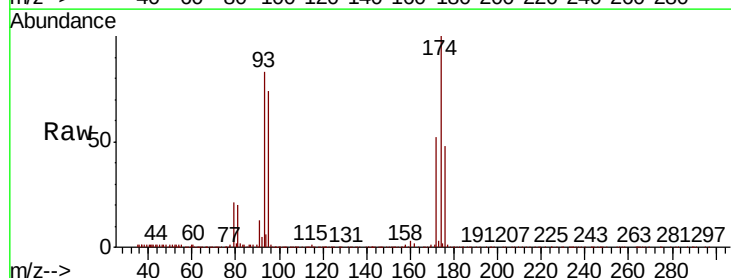
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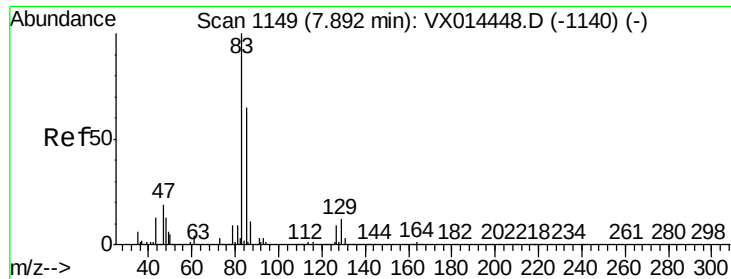
MMDadoda
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#46
 Dibromomethane
 Concen: 18.450 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.4	98.2
174	116.8	93.0	139.4





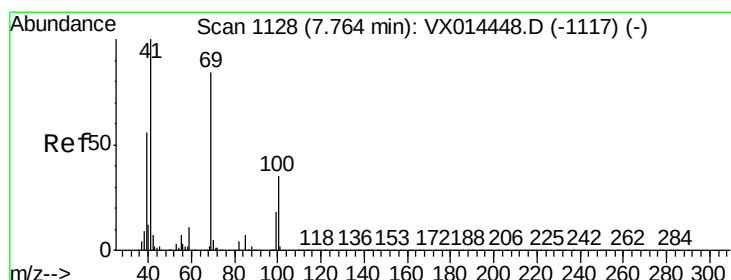
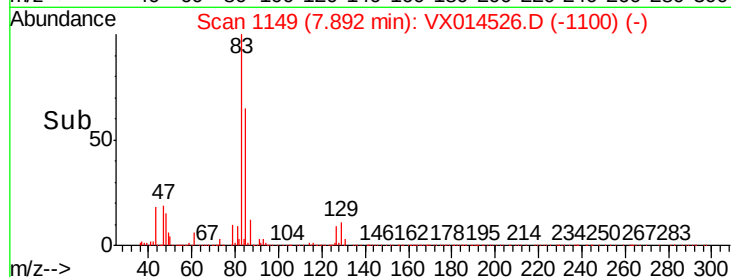
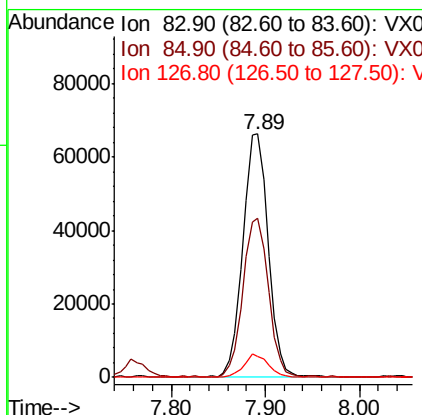
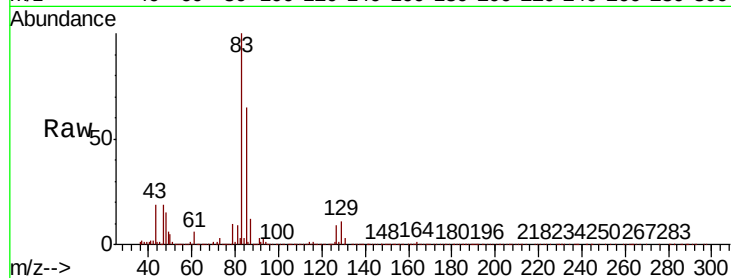
#47
Bromodichloromethane
Concen: 19.430 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	124930		
85	65.1		51.7	77.5
127	8.5		7.1	10.7

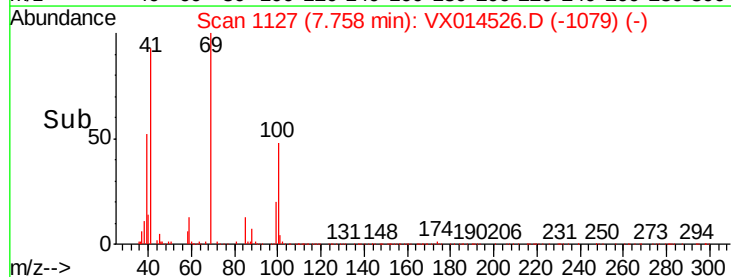
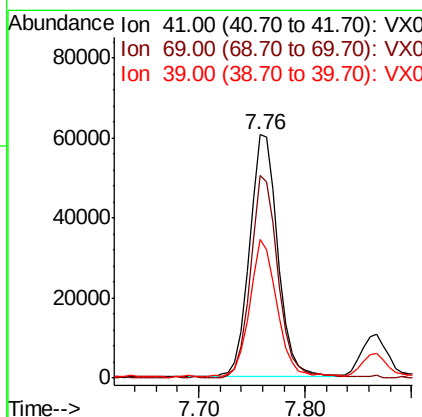
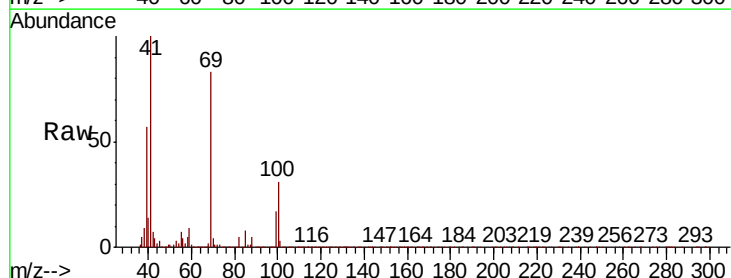
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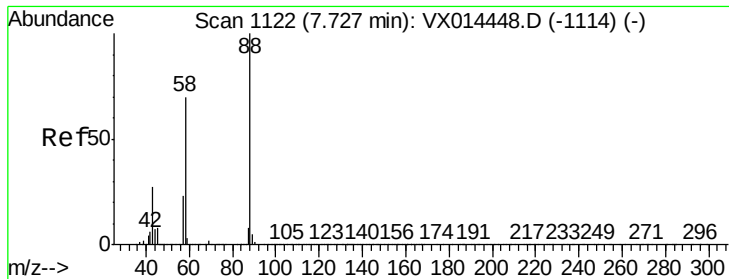
MMDadoda
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#48
Methyl methacrylate
Concen: 20.119 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	113129		
69	80.7		65.5	98.3
39	54.4		43.9	65.9





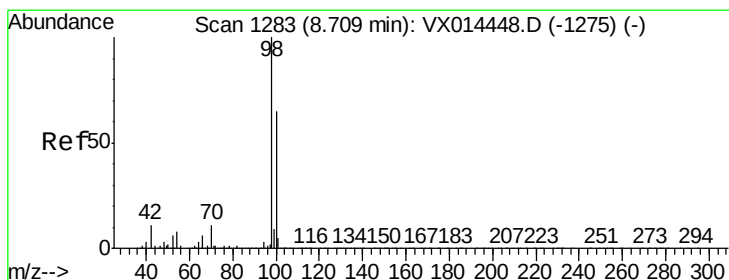
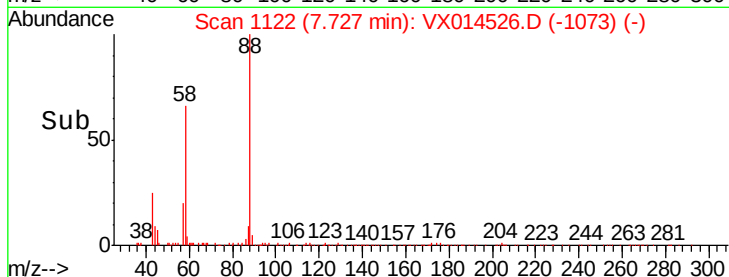
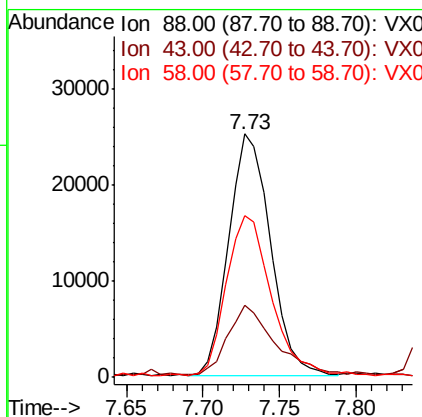
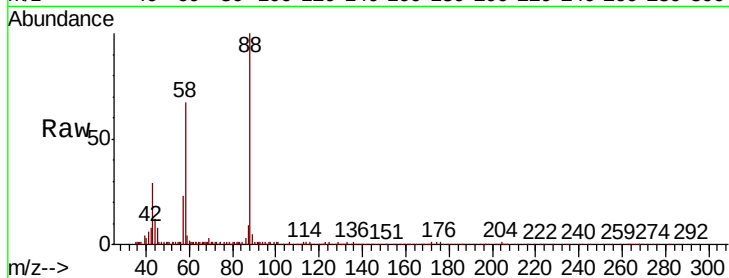
#49
1,4-Dioxane
Concen: 400.285 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	27.4	41.0
58	71.1	57.1	85.7

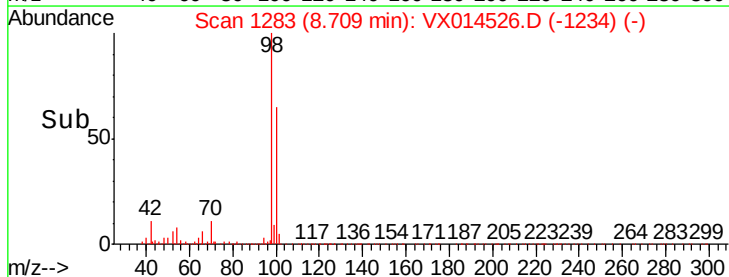
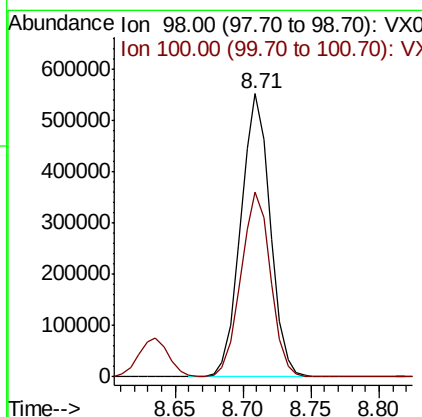
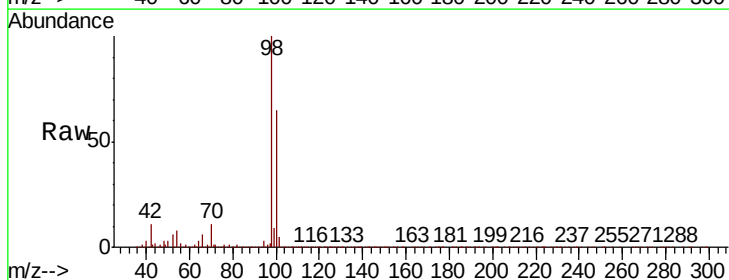
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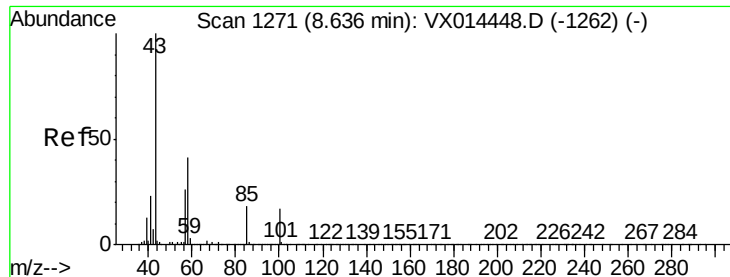
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#50
Toluene-d8
Concen: 49.797 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 101.804 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion: 43 Resp: 728327

Ion Ratio Lower Upper

43 100

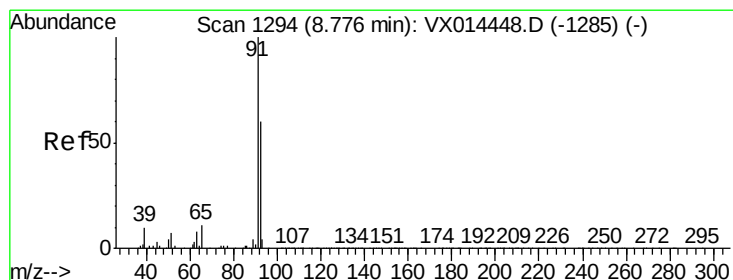
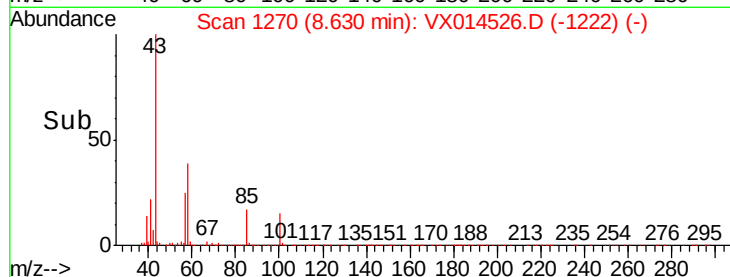
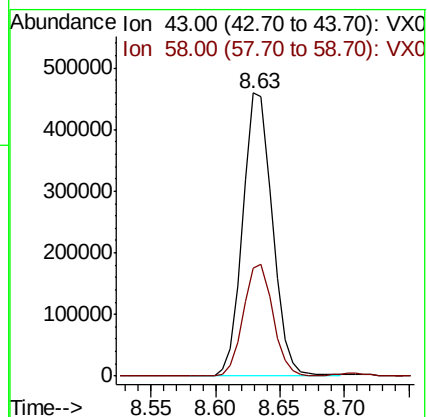
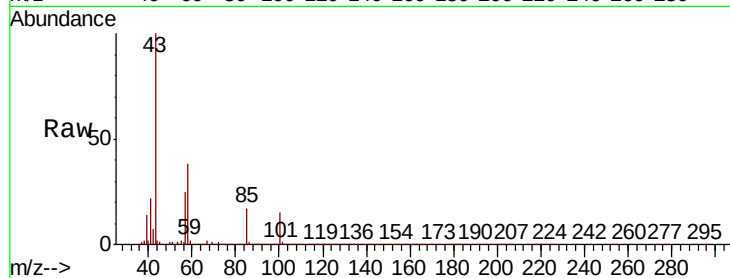
58 39.5 32.4 48.6

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#52

Toluene

Concen: 19.188 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014526.D

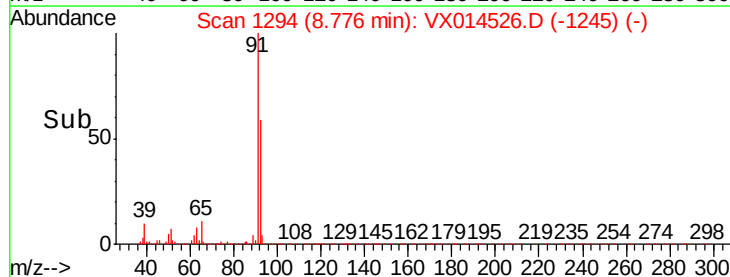
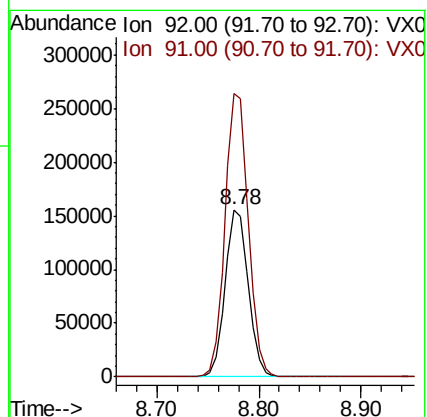
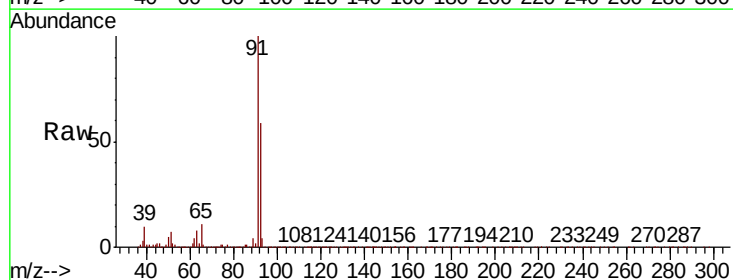
Acq: 10 Jan 2020 10:45

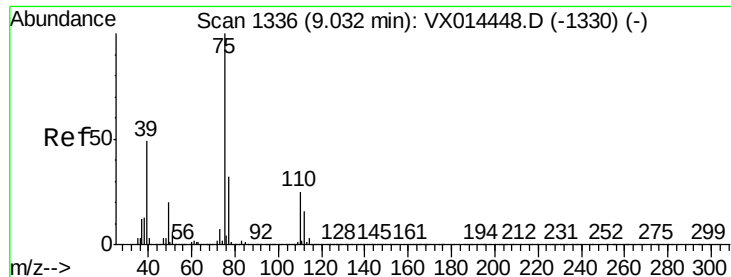
Tgt Ion: 92 Resp: 243913

Ion Ratio Lower Upper

92 100

91 170.9 135.7 203.5





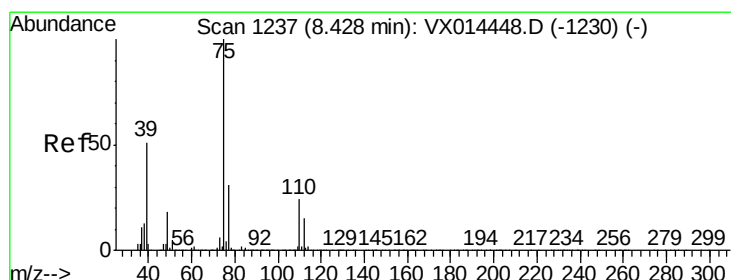
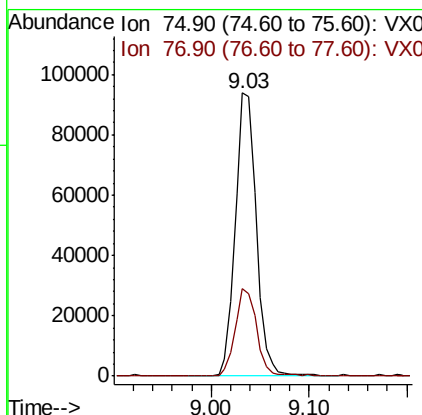
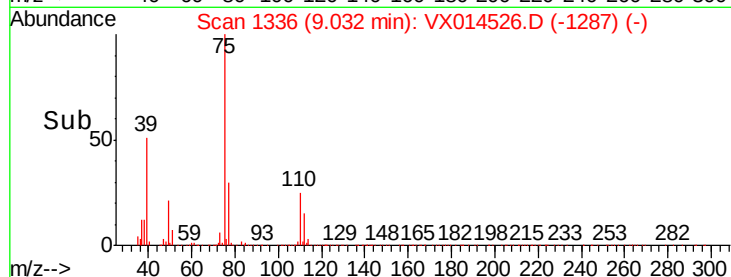
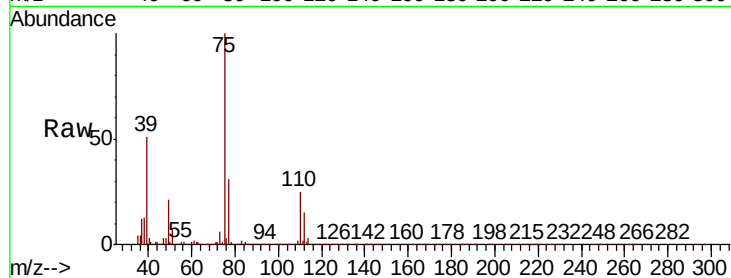
#53
t-1,3-Dichloropropene
Concen: 18.851 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampled :
VX0110MBS01

Tot Ion: 75 Resp: 141113
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

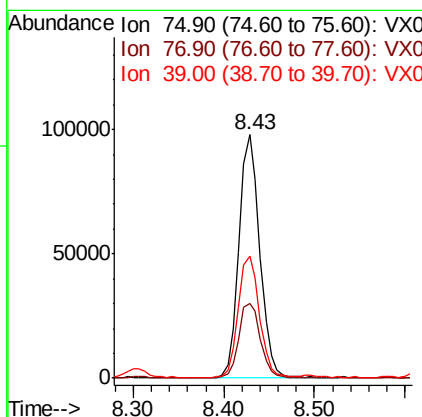
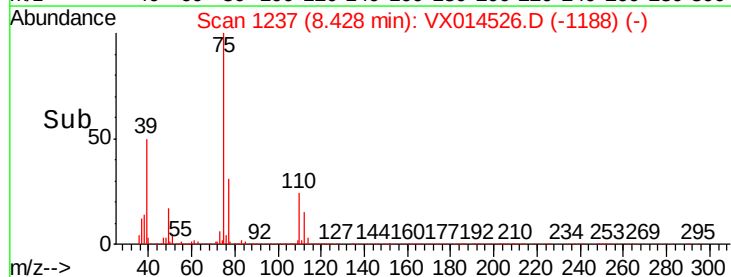
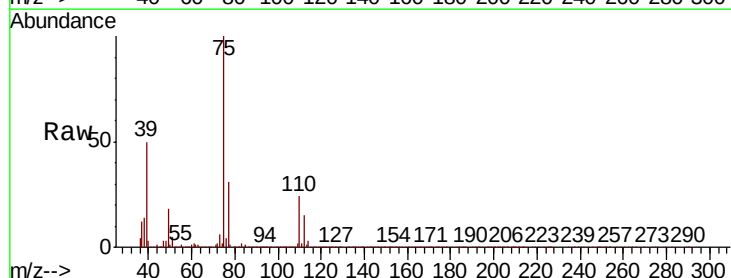
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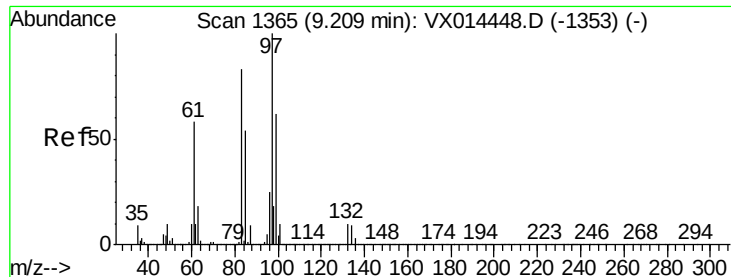
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.385 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion: 75 Resp: 156758
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4
39 49.7 40.7 61.1





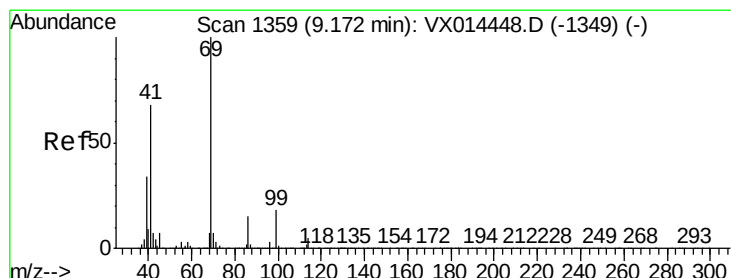
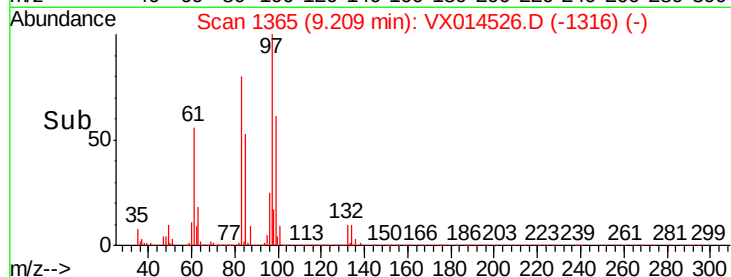
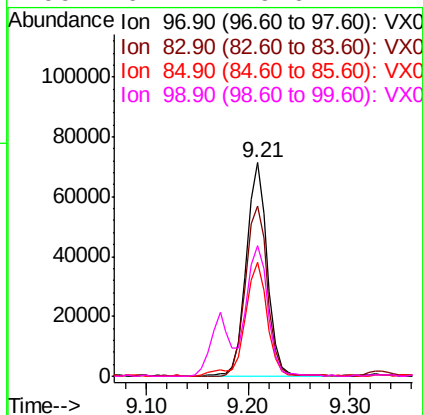
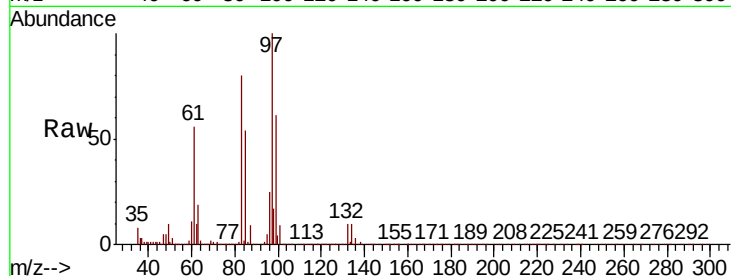
#55
 1,1,2-Trichloroethane
 Concen: 19.866 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0110MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	79.9	66.4	99.6
85	53.4	43.4	65.2
99	61.2	49.6	74.4

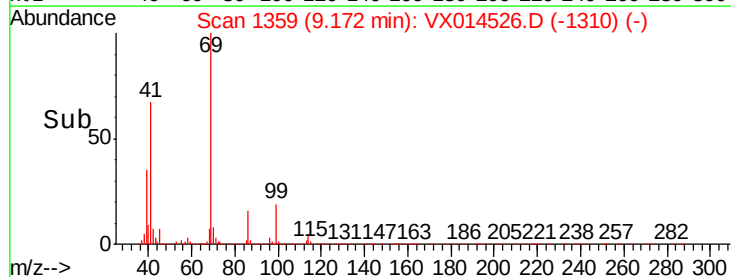
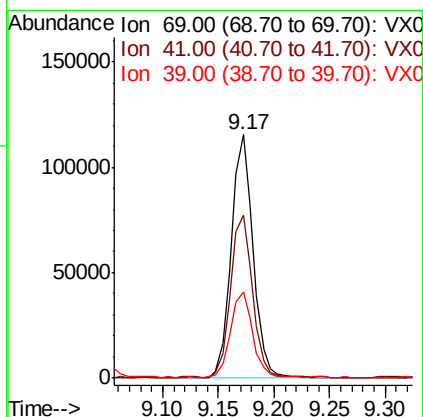
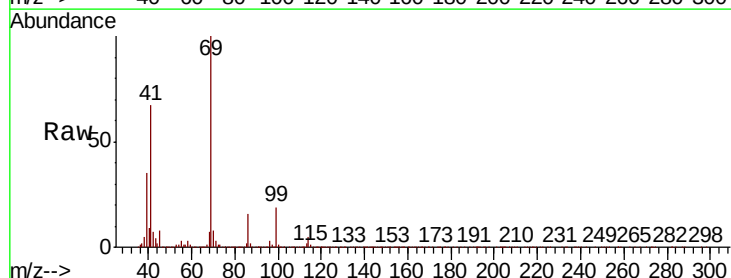
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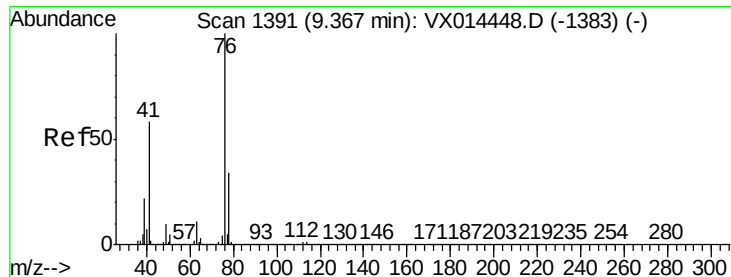
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#56
 Ethyl methacrylate
 Concen: 20.008 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.2	81.2
39	35.2	28.2	42.2





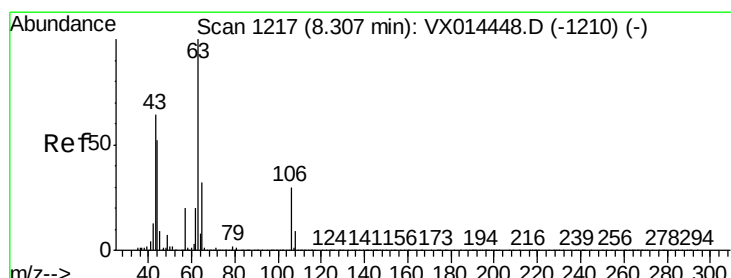
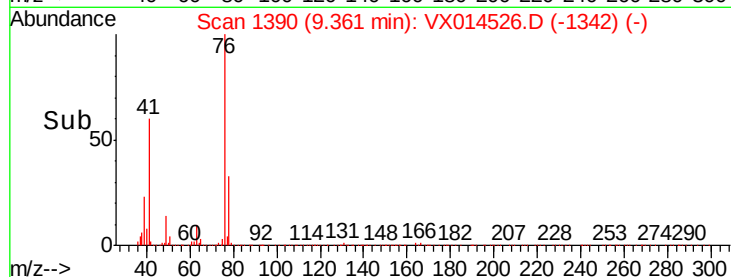
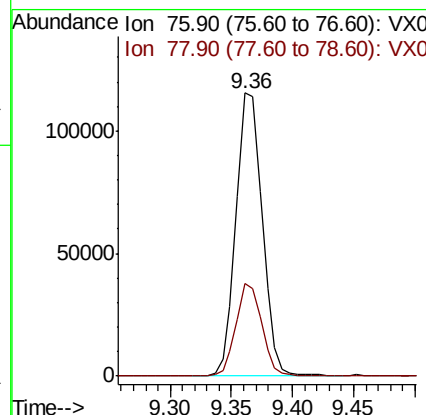
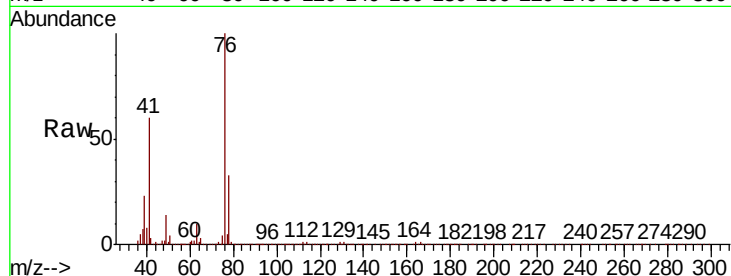
#57
 1,3-Dichloropropane
 Concen: 20.084 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.4	39.6

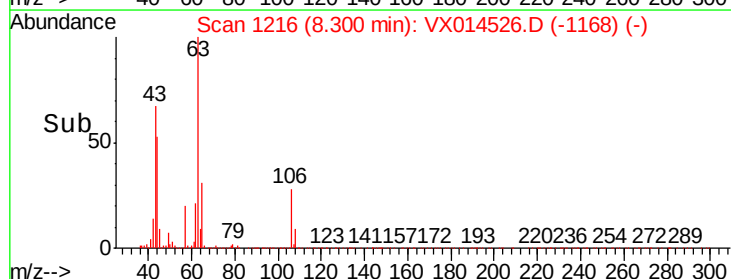
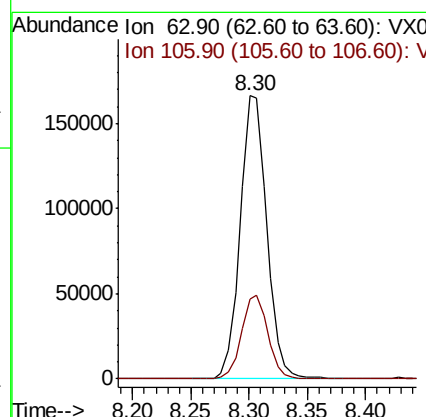
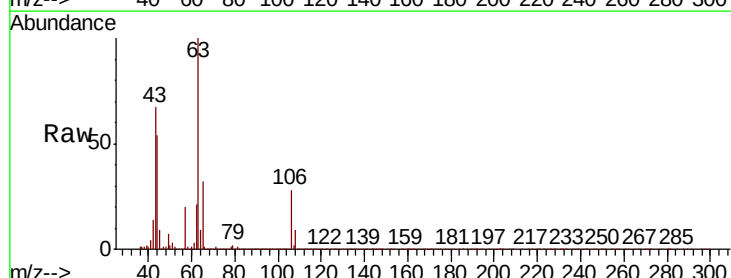
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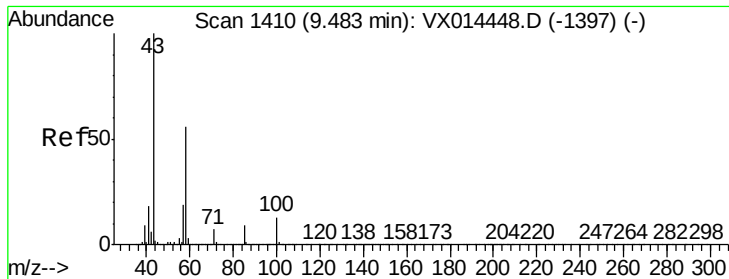
MMDadoda
 1/13/2020 11:34:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.871 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.6	35.4





#59

2-Hexanone

Concen: 99.559 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion: 43 Resp: 563576

Ion Ratio Lower Upper

43 100

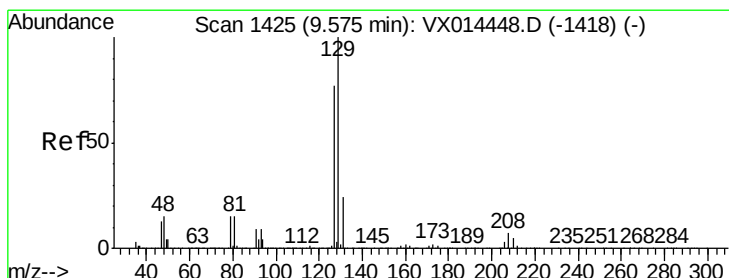
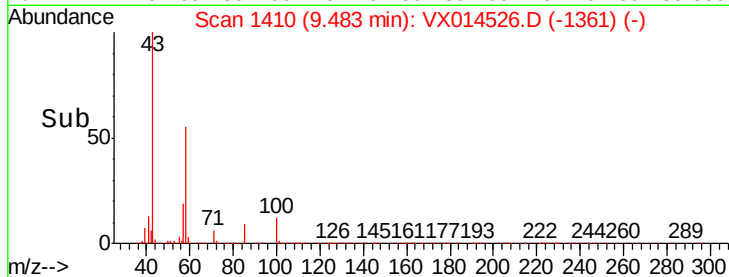
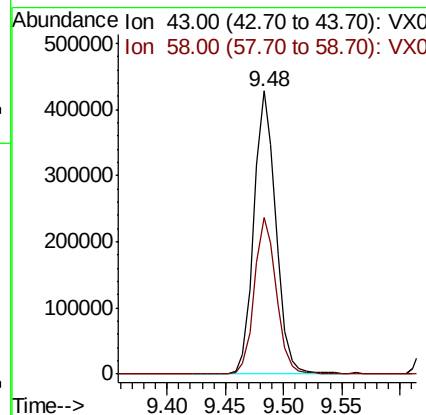
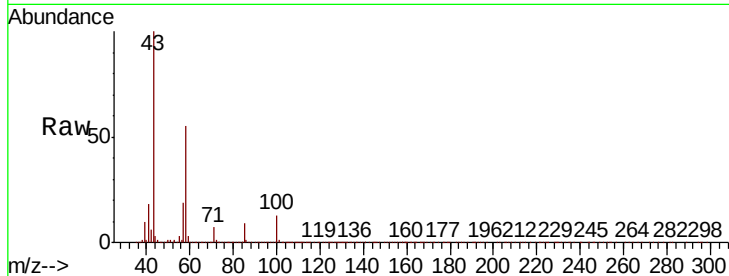
58 55.6 27.9 83.7

Manual Integrations

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1/13/2020 11:34:36 AM



#60

Dibromochloromethane

Concen: 19.900 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014526.D

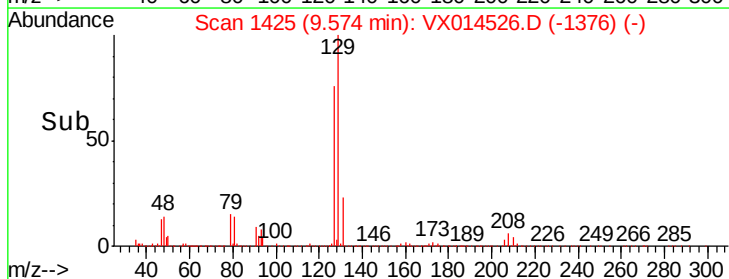
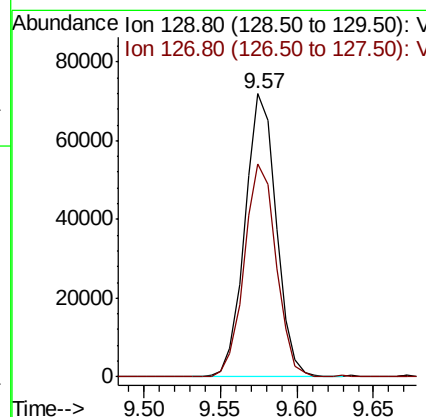
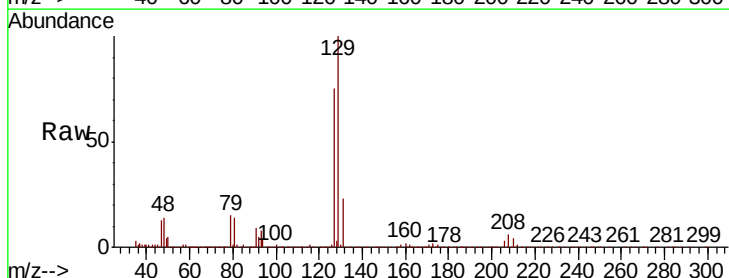
Acq: 10 Jan 2020 10:45

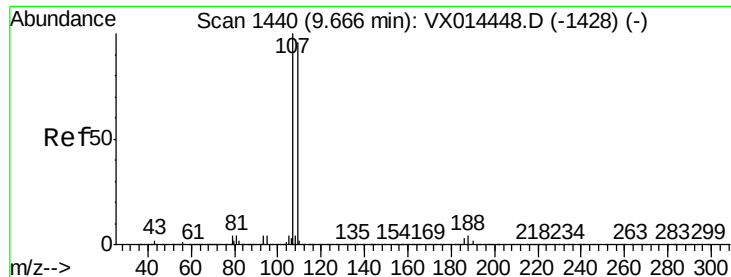
Tgt Ion: 129 Resp: 102129

Ion Ratio Lower Upper

129 100

127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.546 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion:107 Resp: 105719

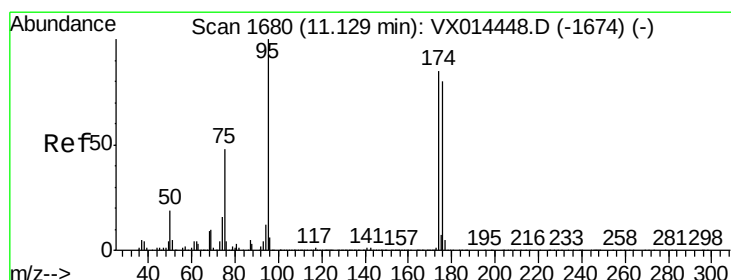
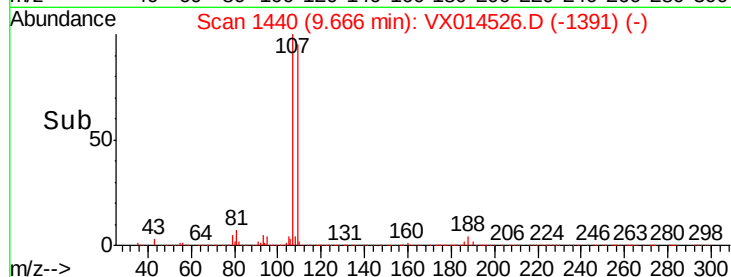
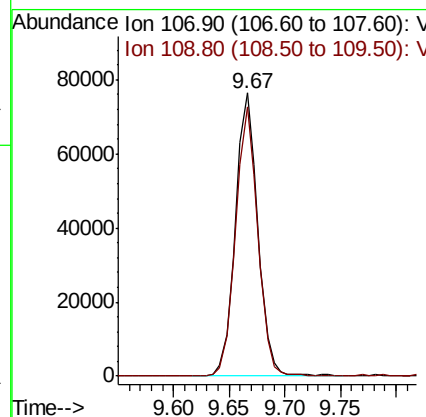
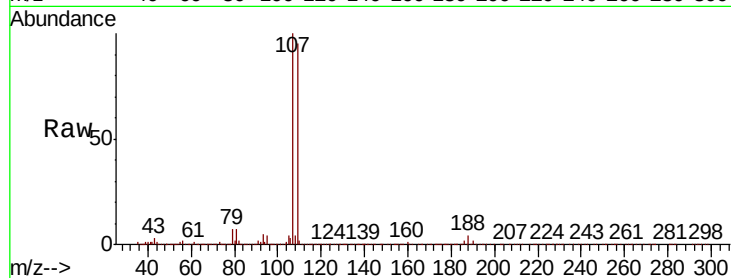
Ion Ratio Lower Upper

107 100

109 93.8 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 47.613 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

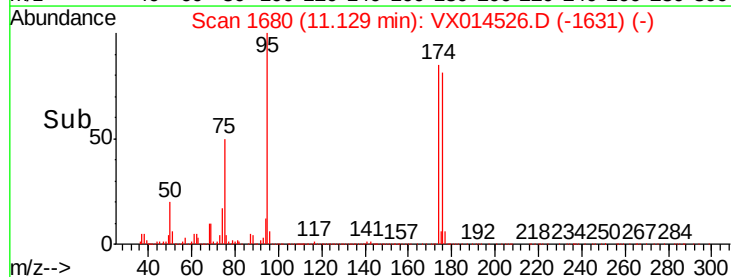
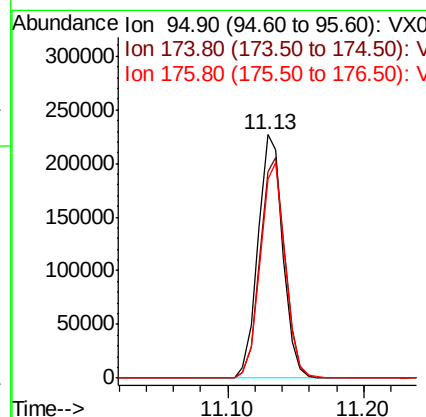
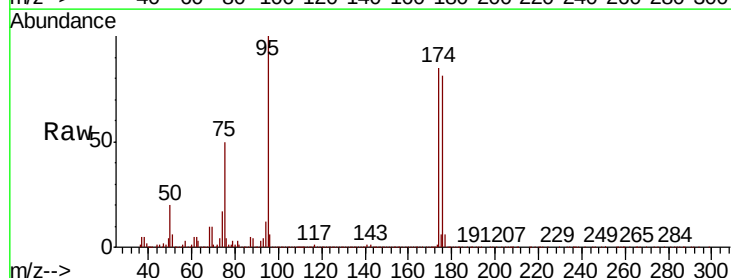
Tgt Ion: 95 Resp: 292142

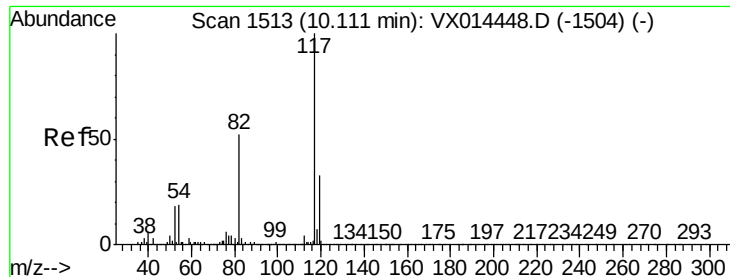
Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.8

176 88.0 0.0 172.8





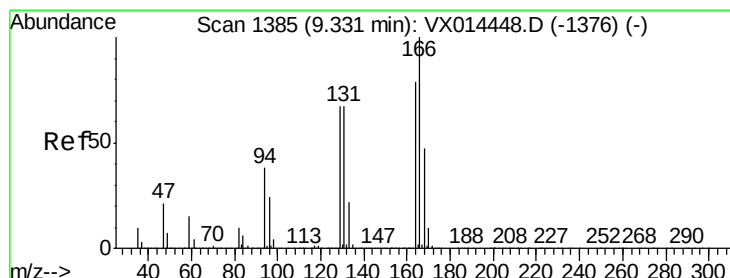
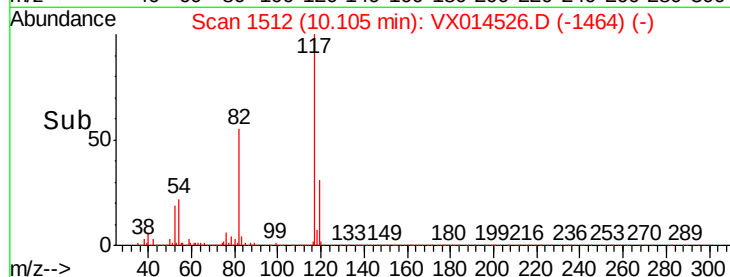
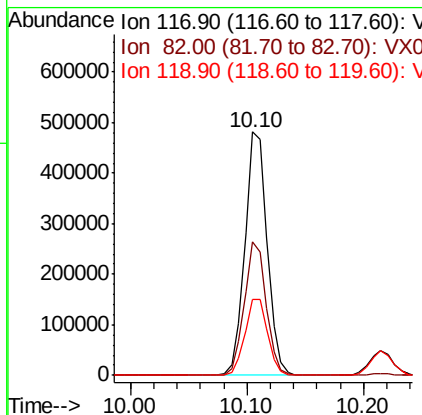
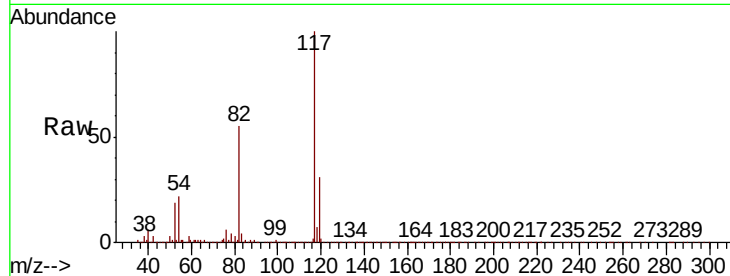
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	644371		
82	55.0		41.8	62.6
119	31.4		26.2	39.4

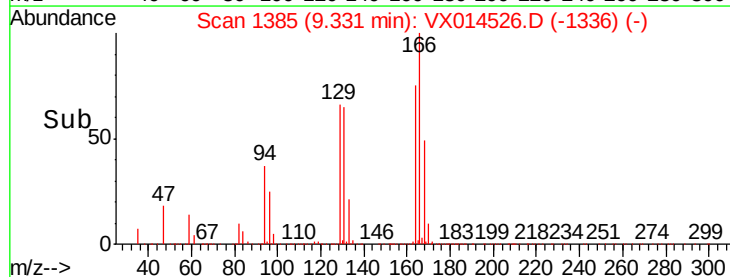
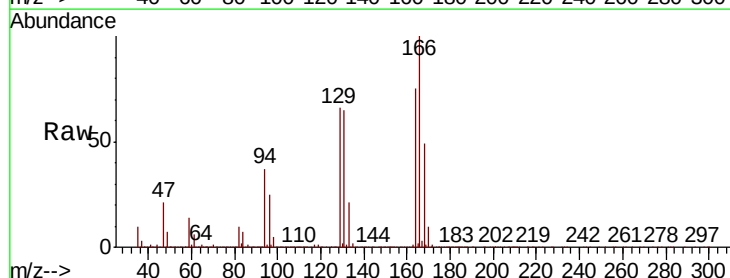
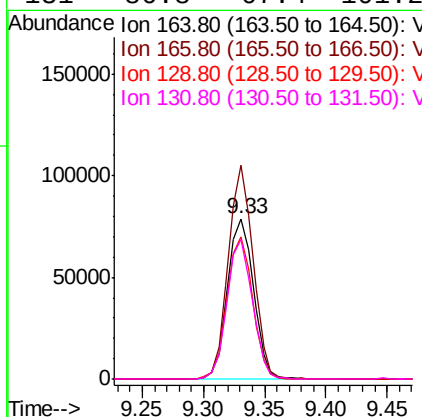
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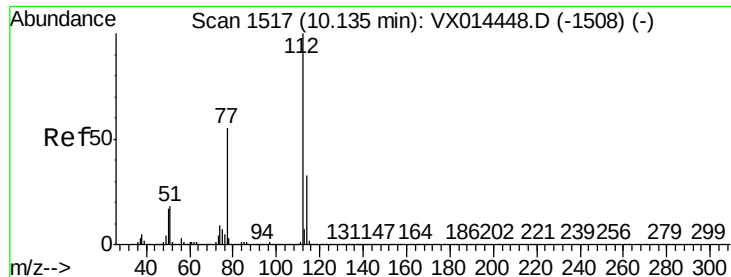
MMDadoda
1/13/2020 11:34:36 AM



#64
Tetrachloroethene
Concen: 18.000 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116245		
166	133.1		101.2	151.8
129	88.3		68.3	102.5
131	86.8		67.4	101.2





#65

Chlorobenzene

Concen: 18.662 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion:112 Resp: 260970

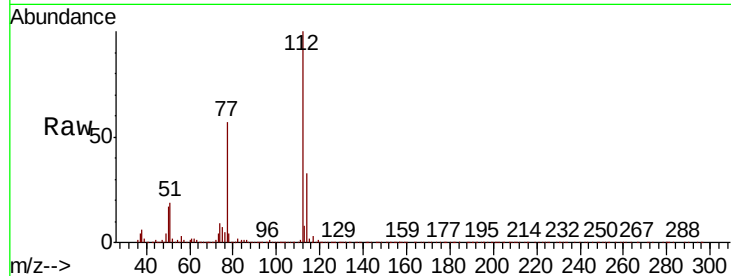
Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.4

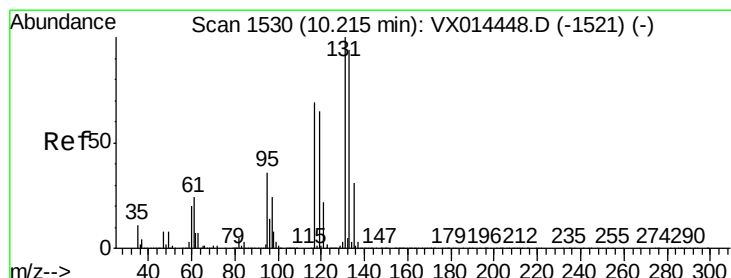
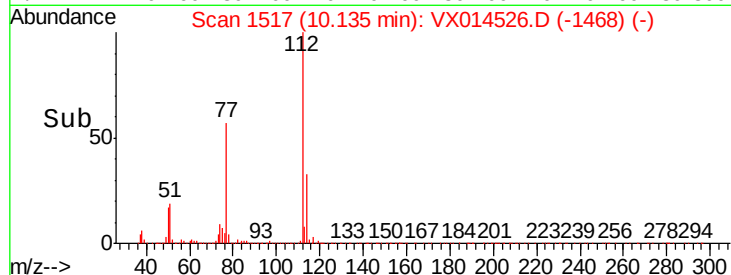
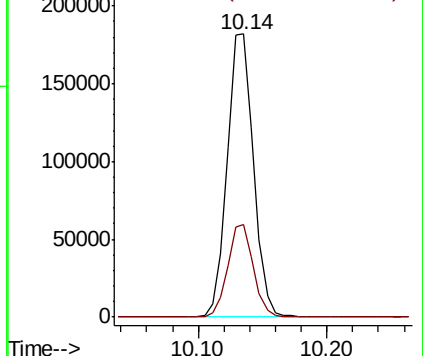
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.205 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

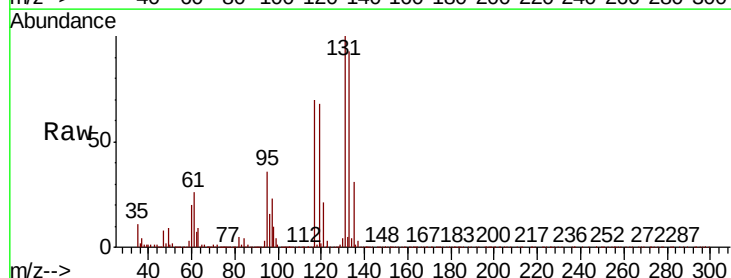
Tgt Ion:131 Resp: 95842

Ion Ratio Lower Upper

131 100

133 96.3 47.3 142.0

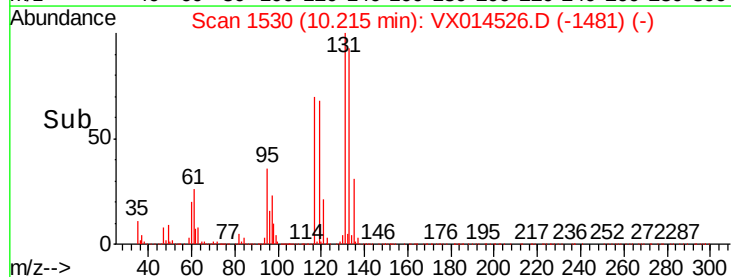
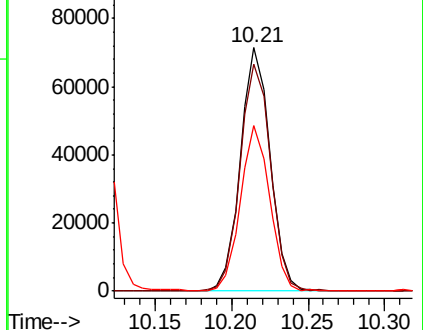
119 67.2 32.8 98.4

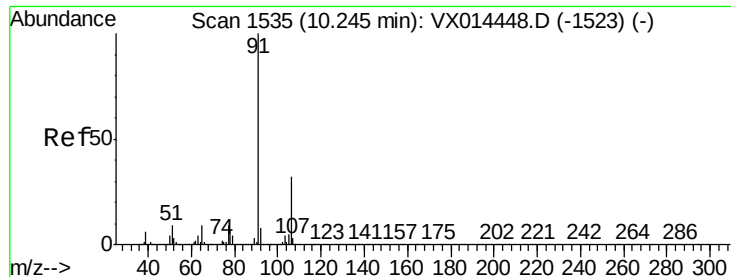


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.122 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion: 91 Resp: 455778

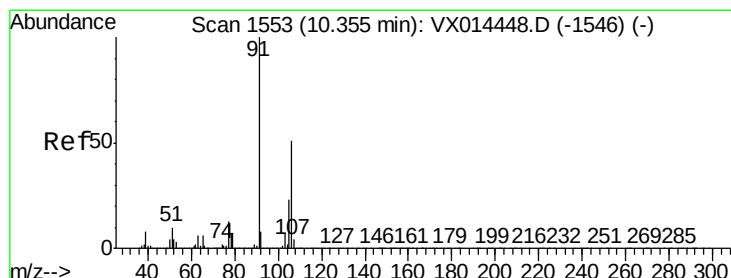
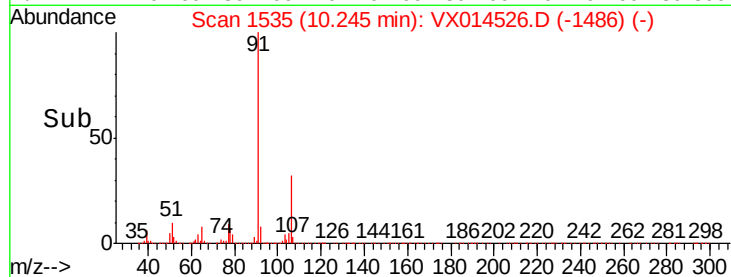
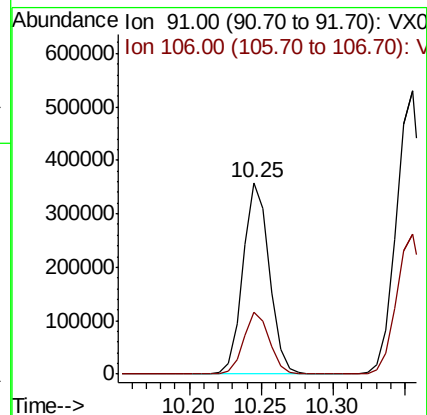
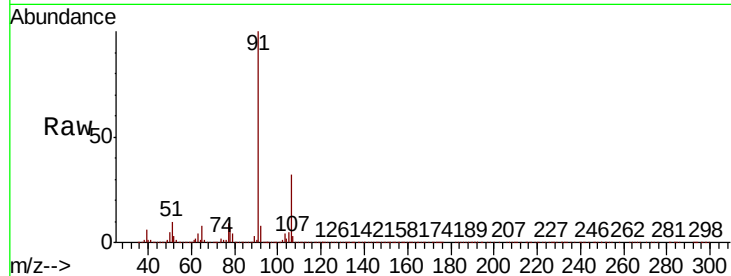
Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4

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#68

m/p-Xylenes

Concen: 38.295 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014526.D

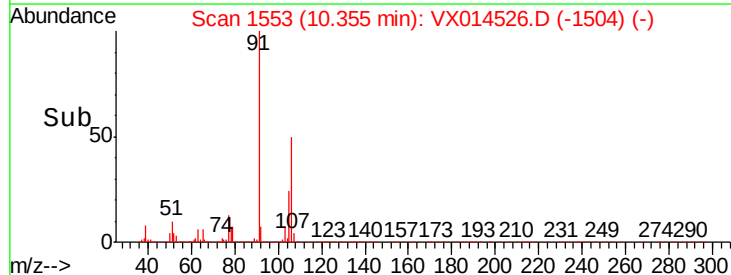
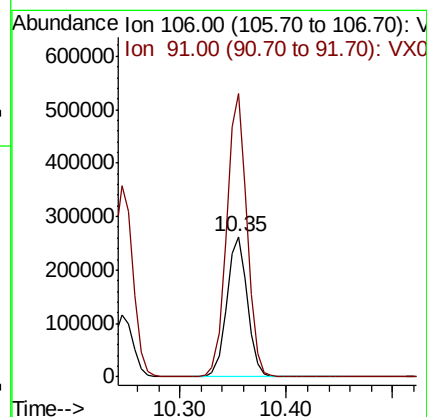
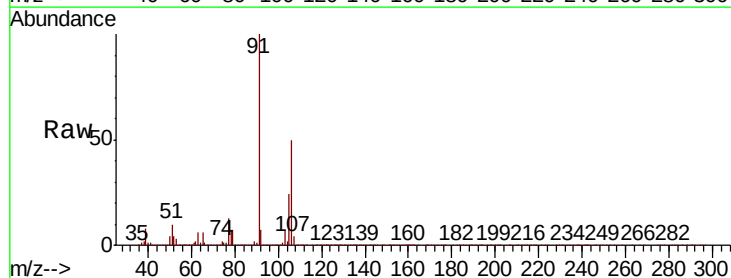
Acq: 10 Jan 2020 10:45

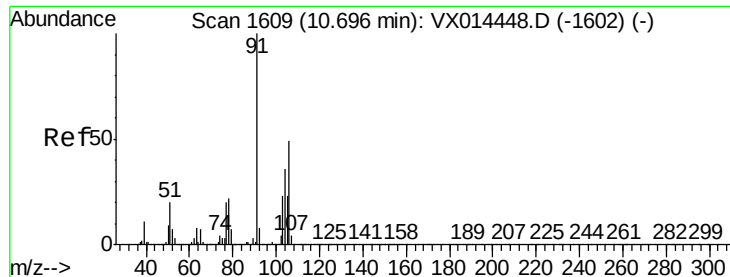
Tgt Ion: 106 Resp: 352131

Ion Ratio Lower Upper

106 100

91 199.7 157.4 236.0





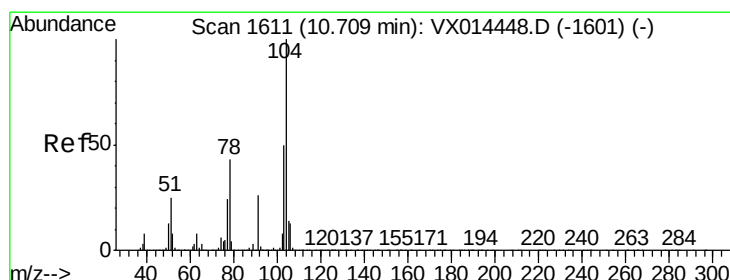
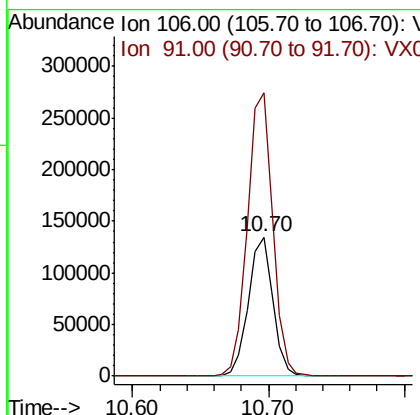
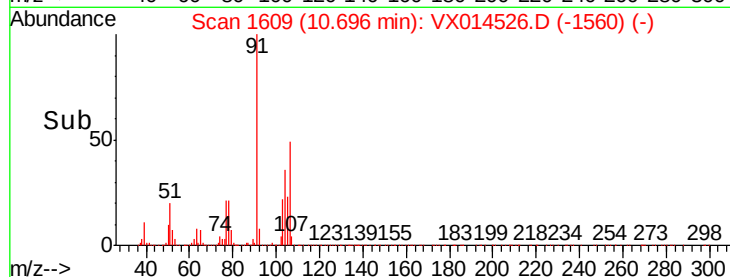
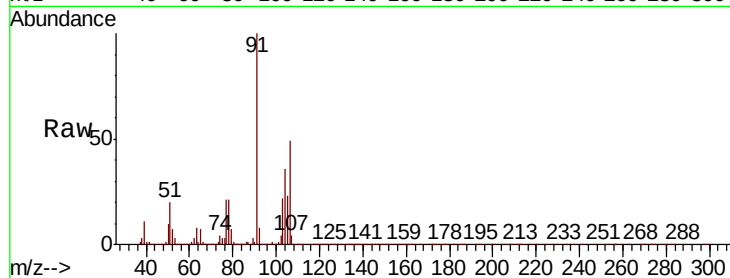
#69
o-Xylene
Concen: 19.378 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	105.1	315.1

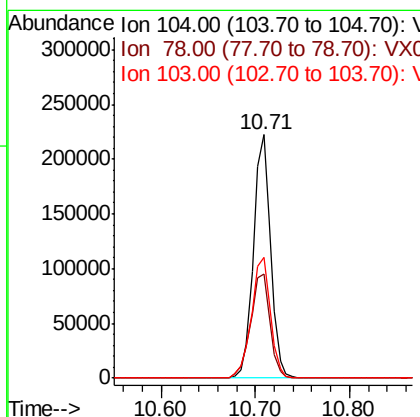
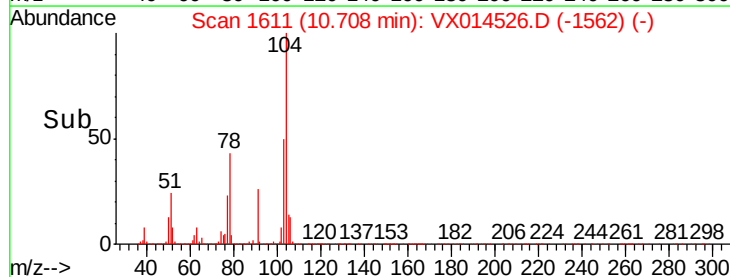
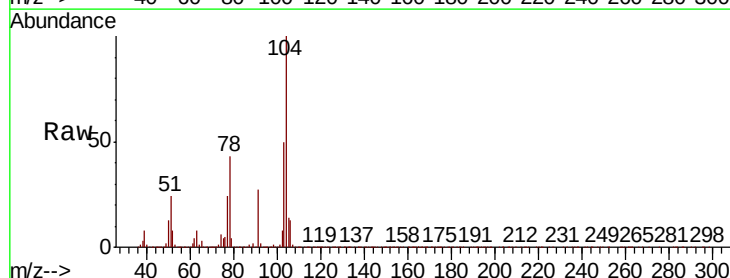
Manual Integrations
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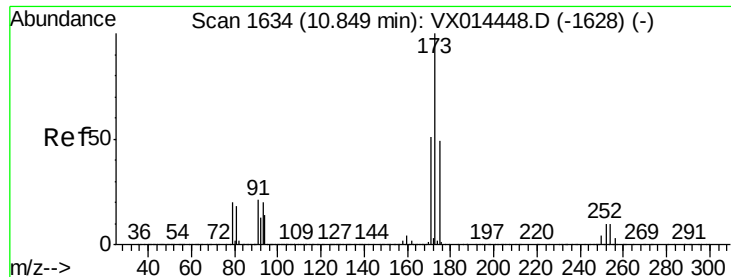
MMDadoda
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#70
Styrene
Concen: 18.961 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.6	58.0
103	54.5	43.7	65.5





#71

Bromoform

Concen: 18.287 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion:173 Resp: 74667

Ion Ratio Lower Upper

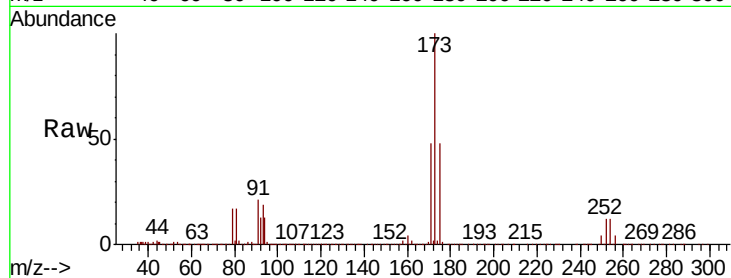
173 100

175 49.3 24.3 72.8

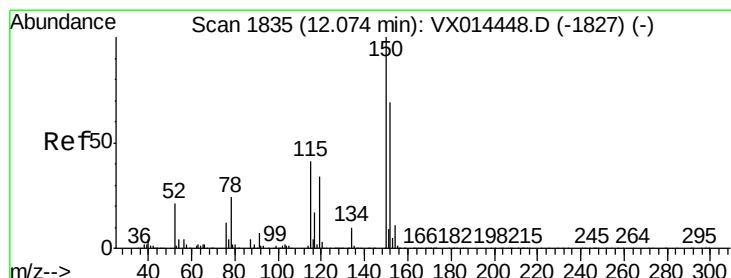
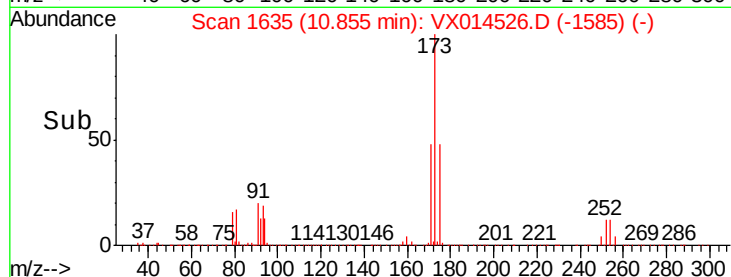
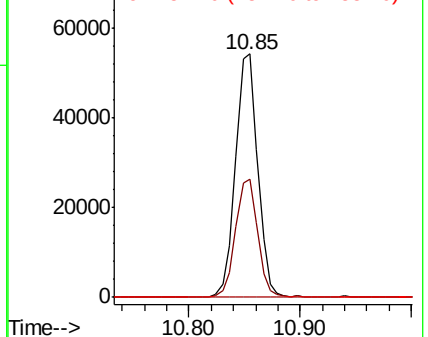
254 0.3 0.2 0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

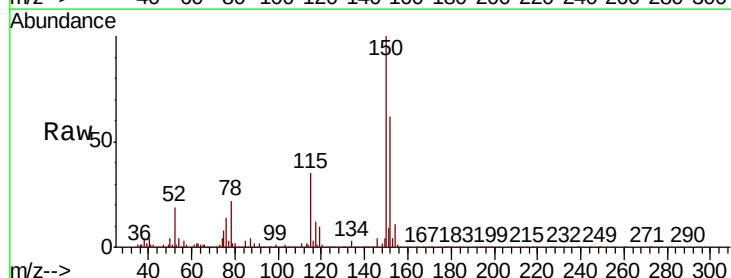
Tgt Ion:152 Resp: 321772

Ion Ratio Lower Upper

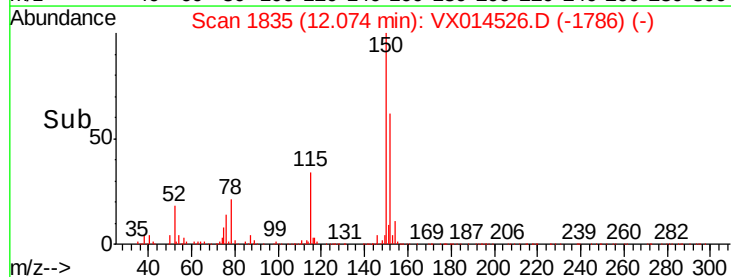
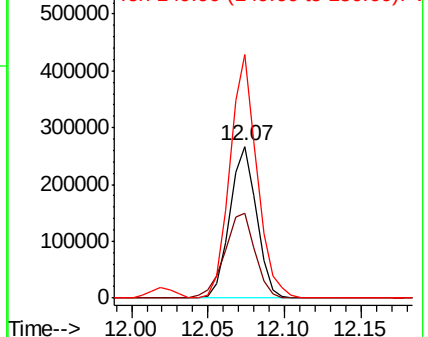
152 100

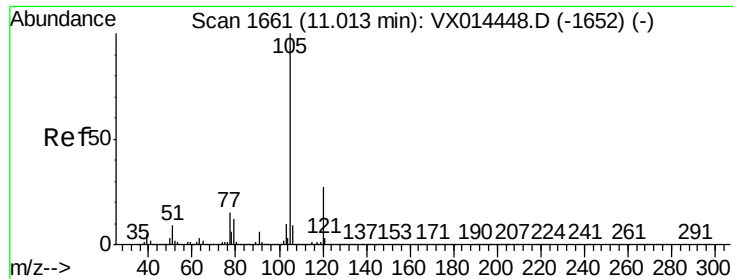
115 64.1 39.5 118.3

150 162.2 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.926 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion: 105 Resp: 450228

Ion Ratio Lower Upper

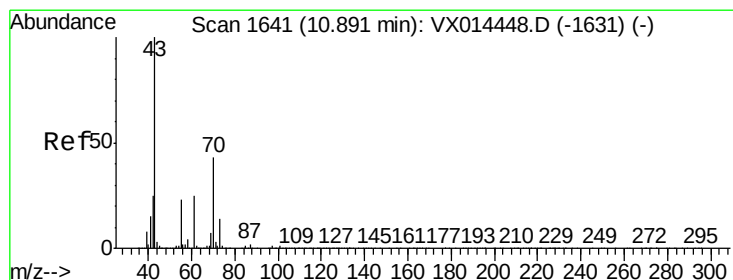
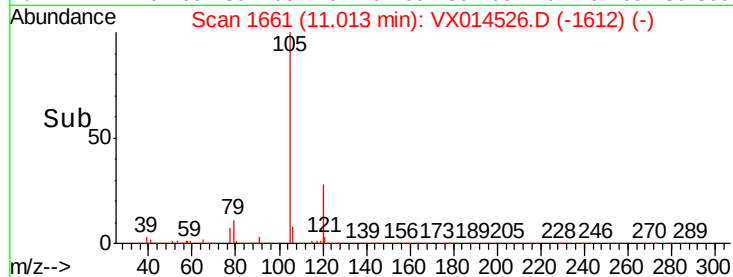
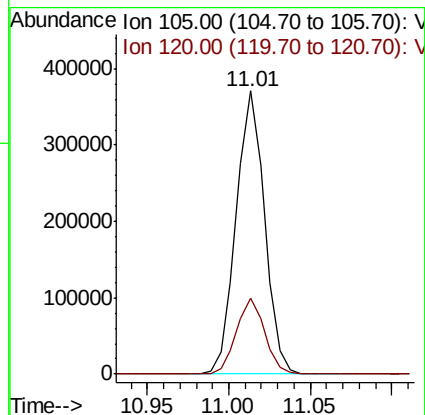
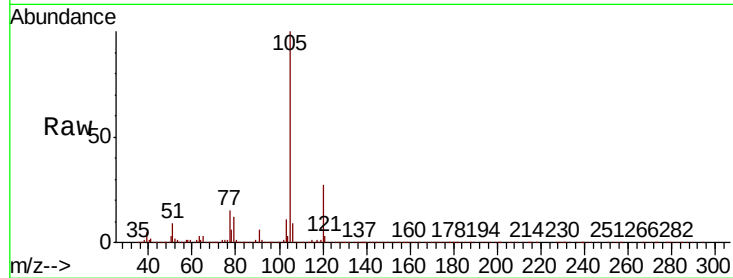
105 100

120 26.6 13.4 40.2

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#74

N-ethyl acetate

Concen: 19.487 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Tgt Ion: 43 Resp: 194263

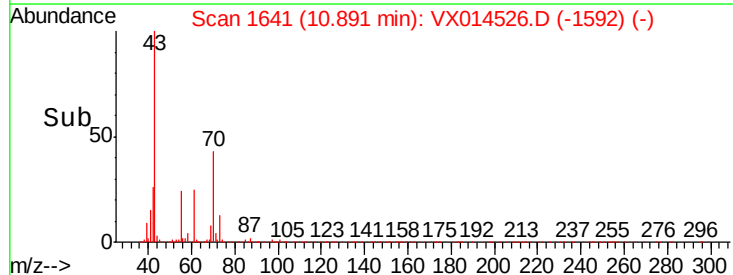
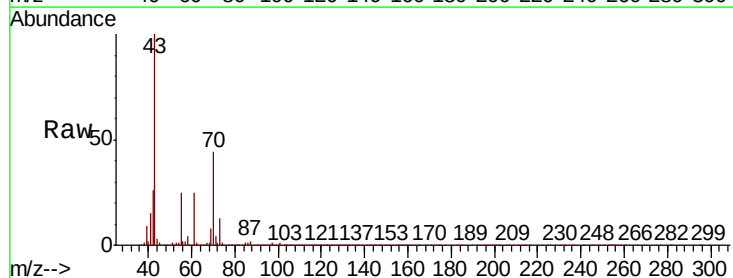
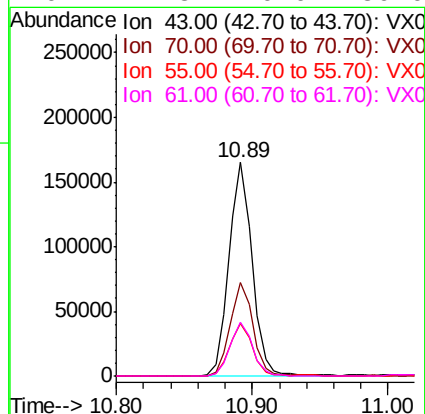
Ion Ratio Lower Upper

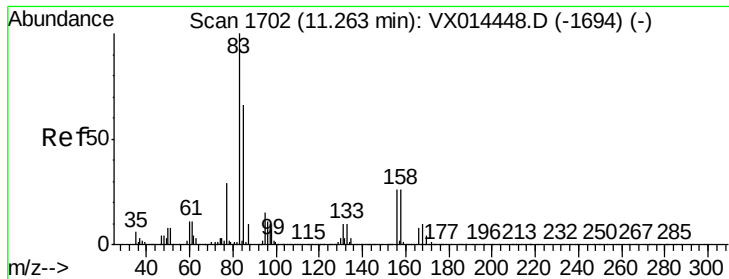
43 100

70 43.4 35.1 52.7

55 24.1 19.3 28.9

61 24.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.150 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

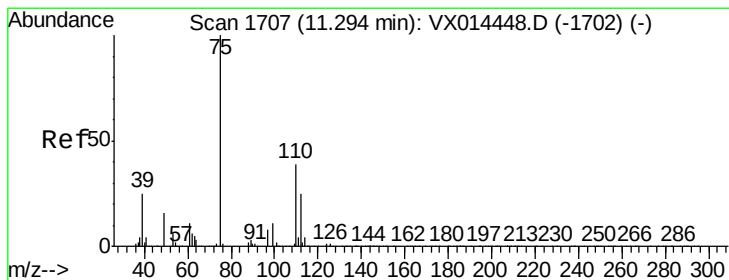
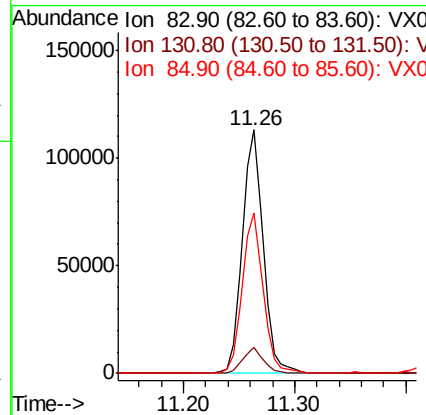
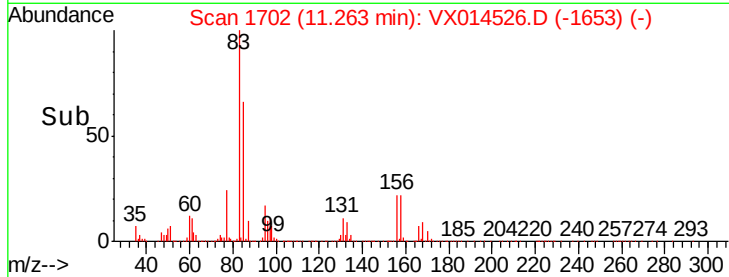
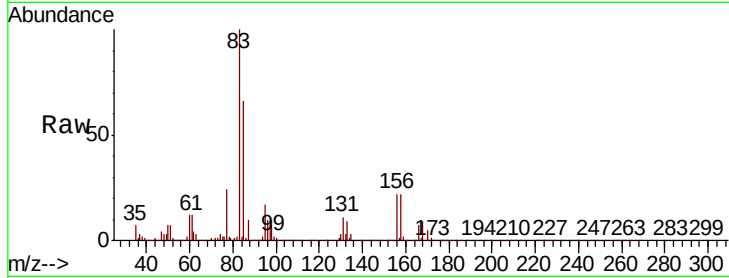
ClientSampled :

VX0110MBS01

Tot Ion:	83	Resp:	146011
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	65.8	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 18.798 ug/l m

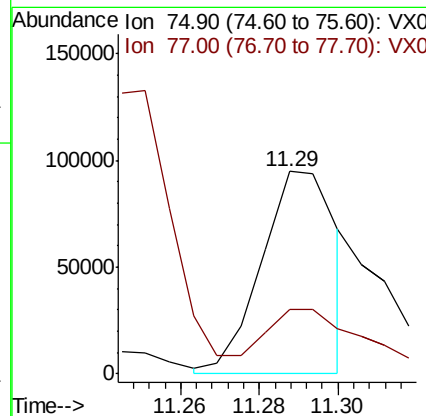
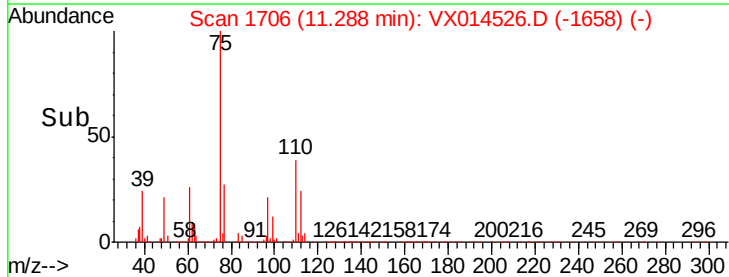
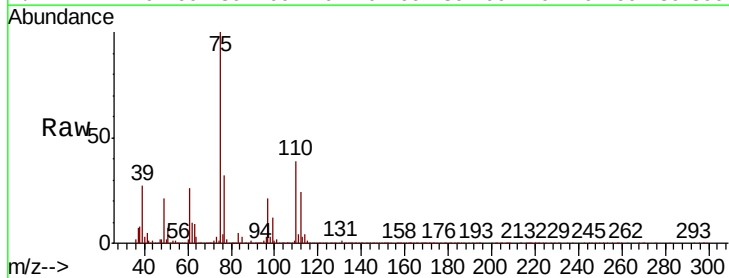
RT: 11.29 min Scan# 1706

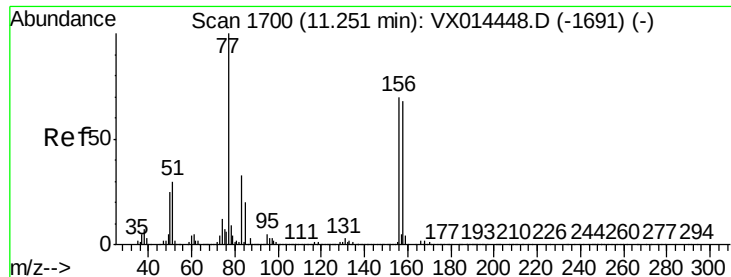
Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Tgt Ion:	75	Resp:	125150
Ion Ratio	Lower	Upper	
75	100		
77	41.6	21.9	65.7





#77

Bromobenzene

Concen: 19.187 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

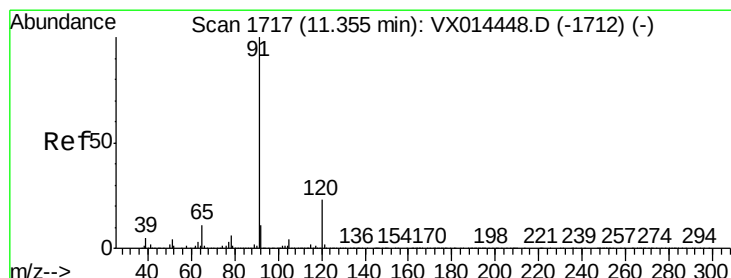
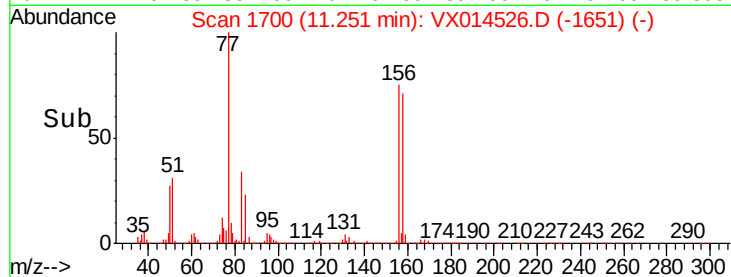
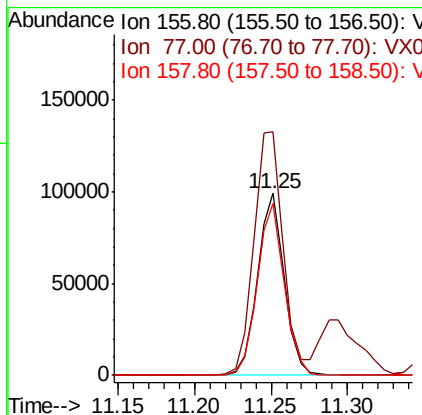
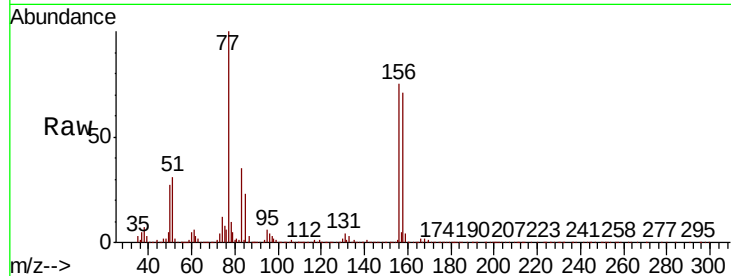
ClientSampleId :

VX0110MBS01

Tot Ion:	156	Resp:	120231
Ion Ratio	Lower	Upper	
156	100		
77	147.9	75.4	226.3
158	95.9	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.607 ug/l

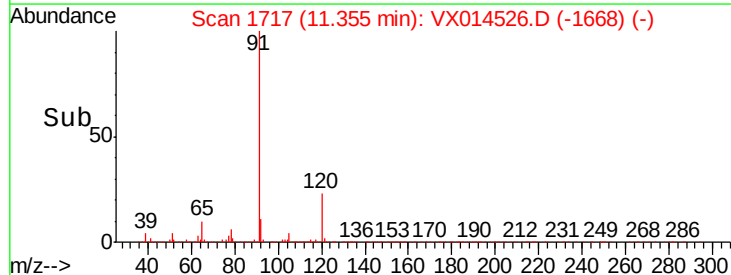
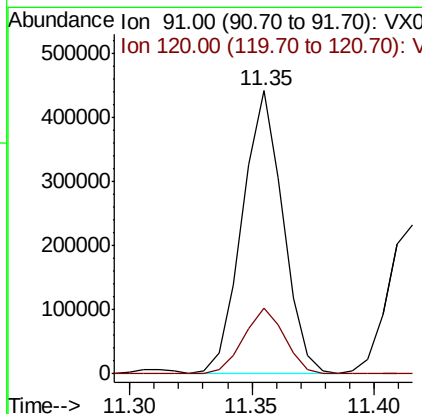
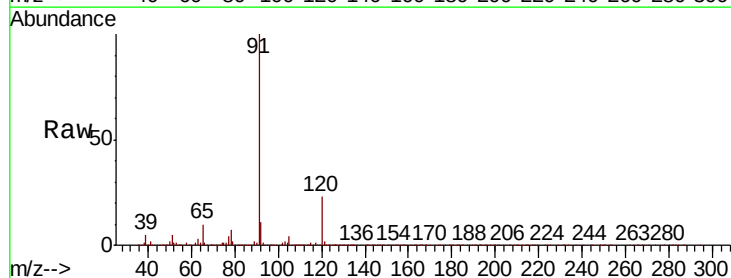
RT: 11.35 min Scan# 1717

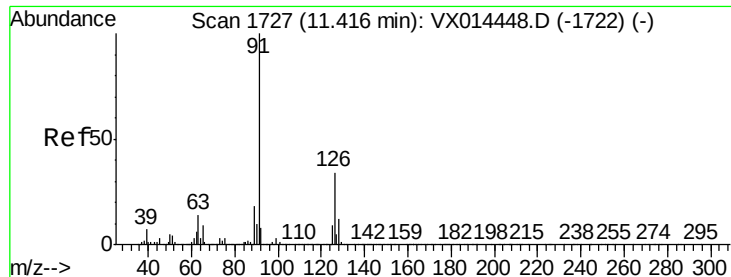
Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Tgt Ion:	91	Resp:	507384
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5





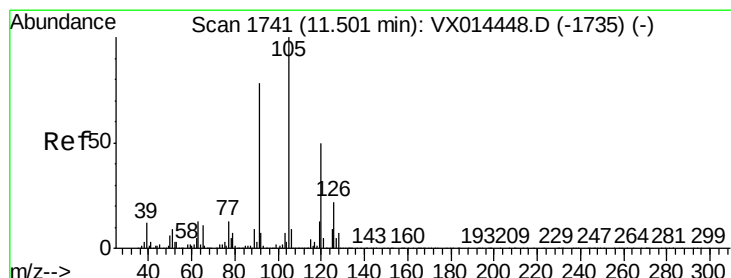
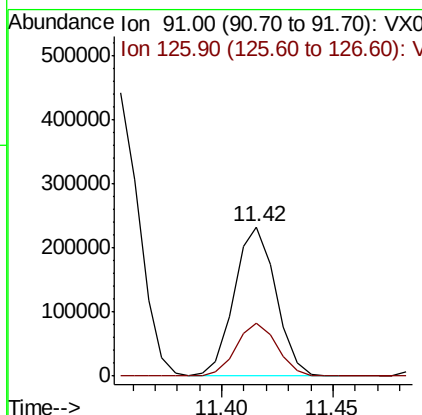
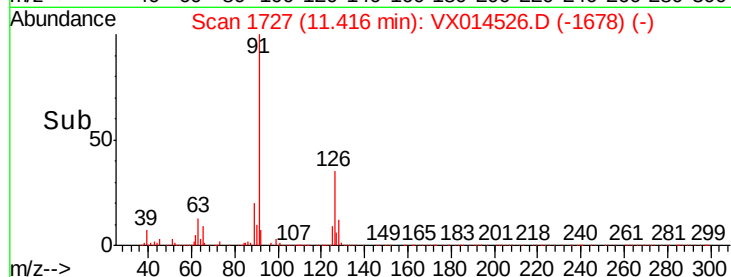
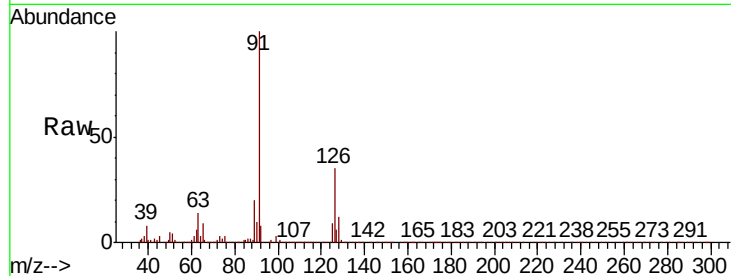
#79
2-Chlorotoluene
Concen: 19.528 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampled :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.5	52.5

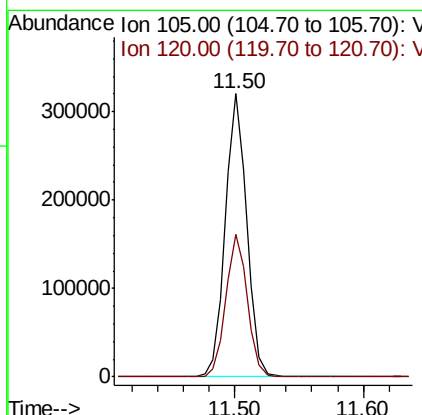
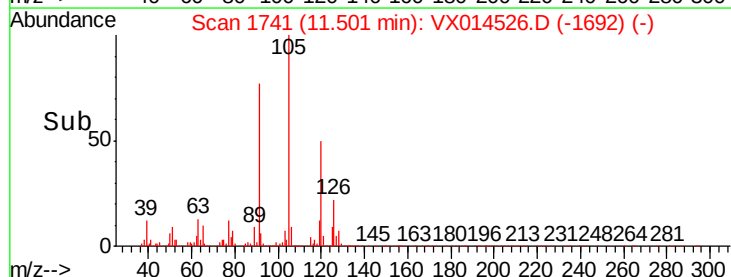
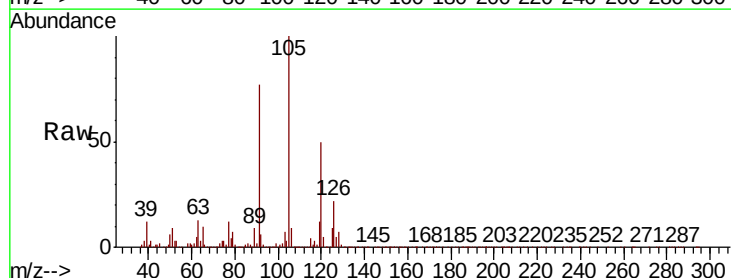
Manual Integrations
APPROVED

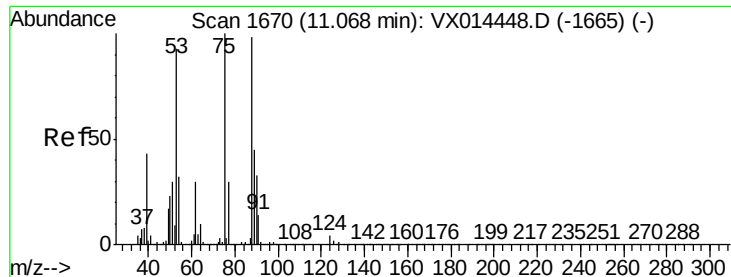
MMDadoda
1/13/2020 11:34:36 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.988 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.4	25.2	75.6





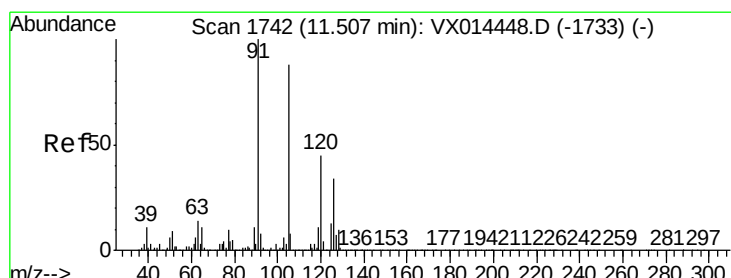
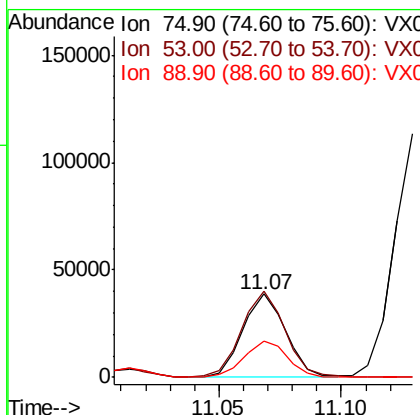
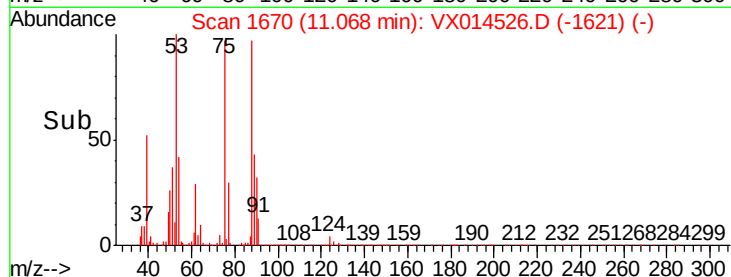
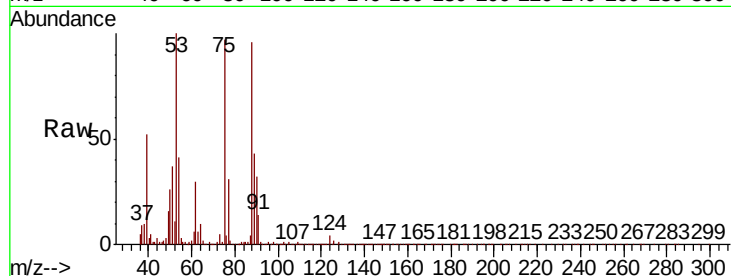
#81
trans-1,4-Dichloro-2-butene
Concen: 18.633 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampled :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.9	74.8	112.2
89	45.6	36.3	54.5

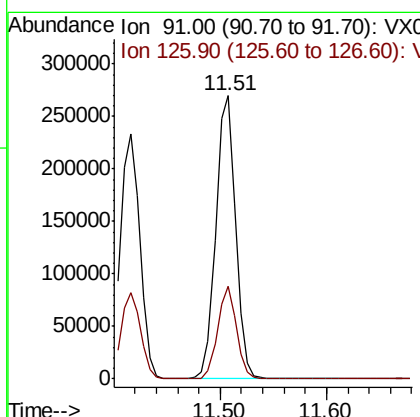
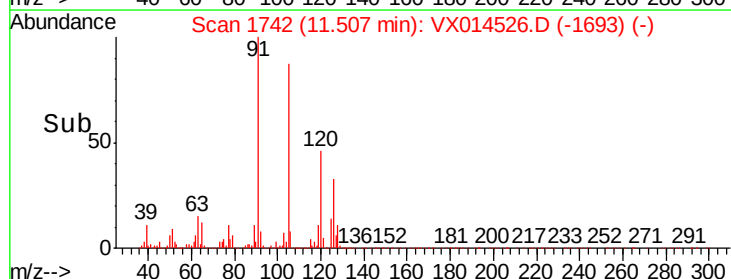
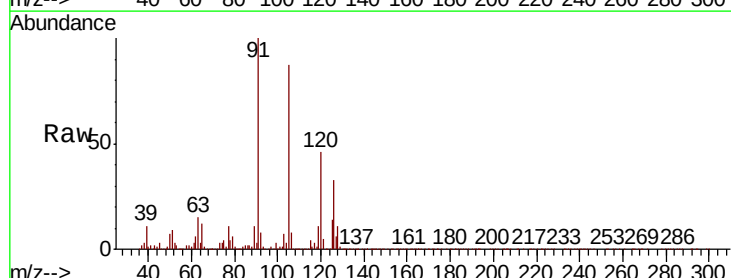
Manual Integrations
APPROVED

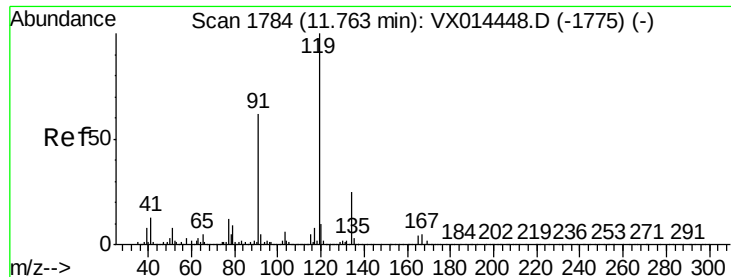
MMDadoda
1/13/2020 11:34:36 AM



#82
4-Chlorotoluene
Concen: 19.068 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7





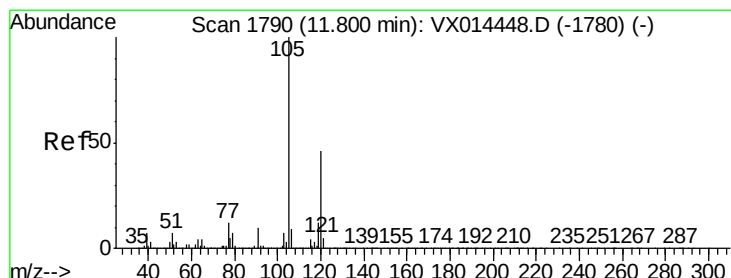
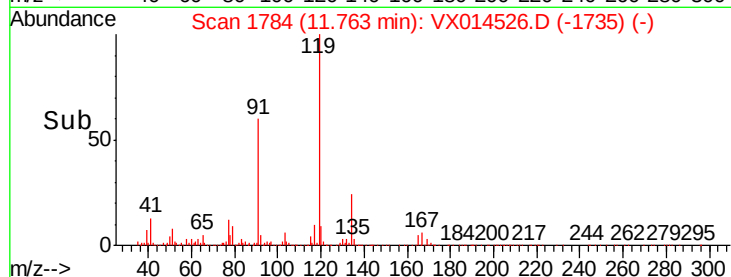
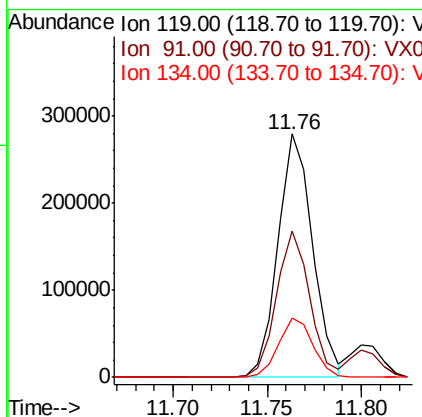
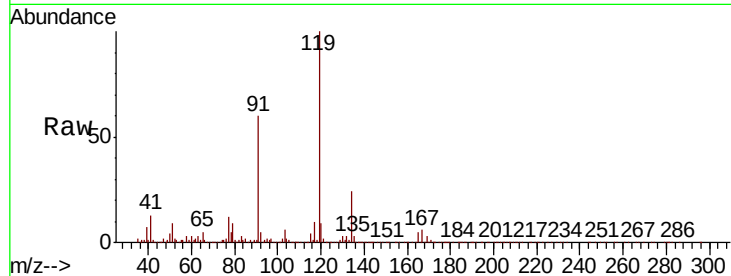
#83
tert-Butylbenzene
Concen: 20.143 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	357038		
91	57.9	29.3	88.0	
134	24.3	12.4	37.4	

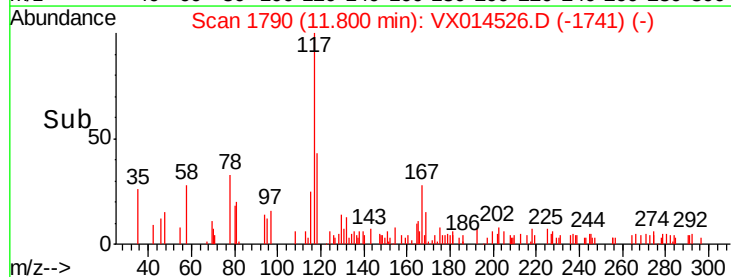
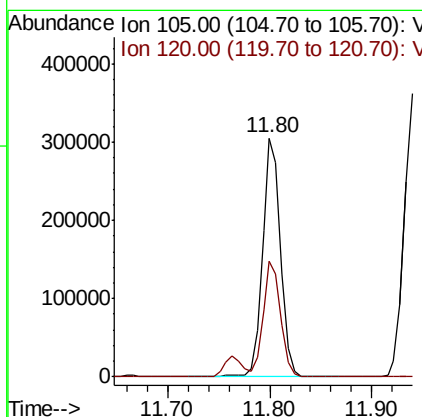
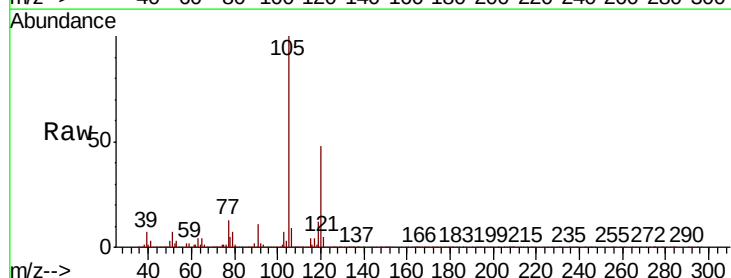
Manual Integrations
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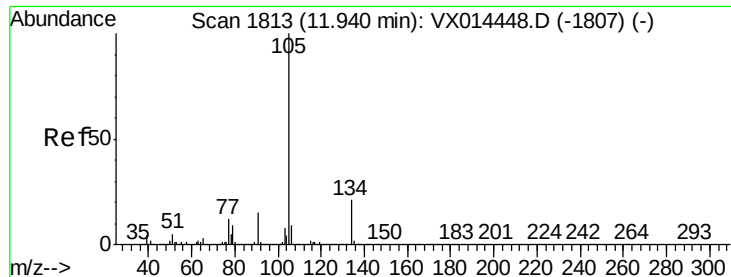
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.752 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	374406		
120	47.1	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.523 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBS01

Tot Ion:105 Resp: 430190

Ion Ratio Lower Upper

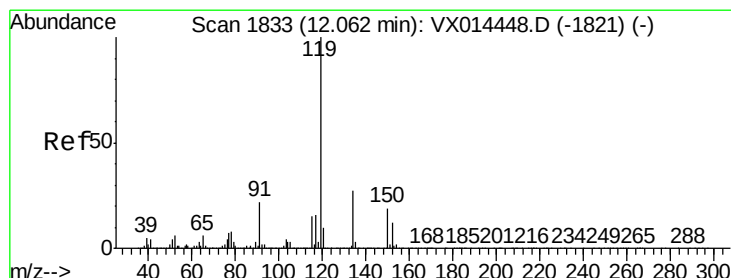
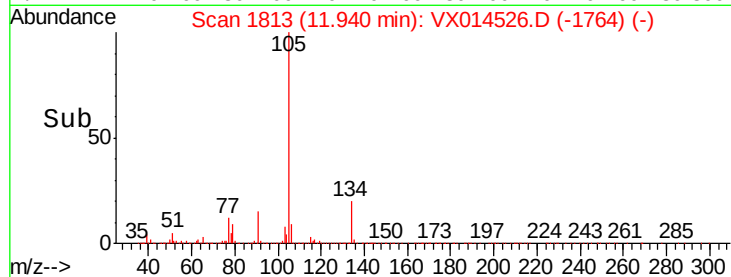
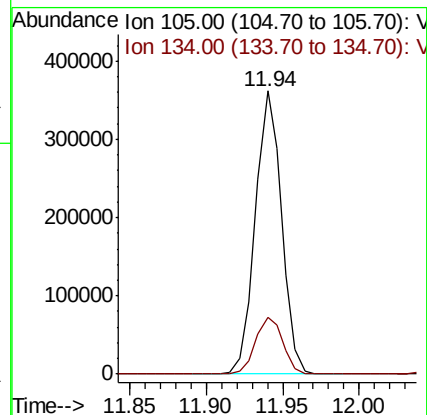
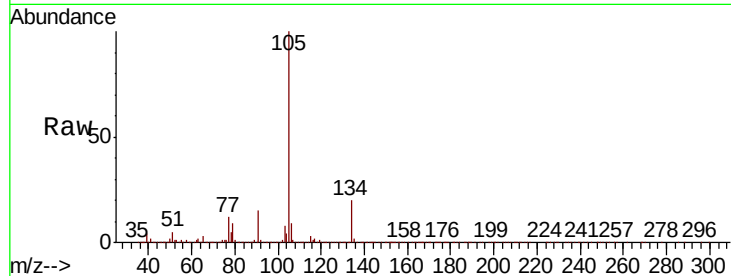
105 100

134 21.0 10.5 31.5

Manual Integrations
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1/13/2020 11:34:36 AM



#86

p-Isopropyltoluene

Concen: 19.688 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014526.D

Acq: 10 Jan 2020 10:45

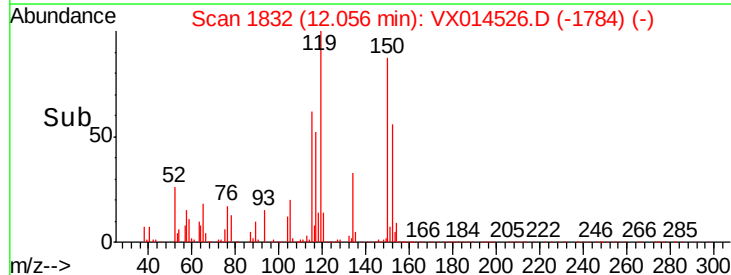
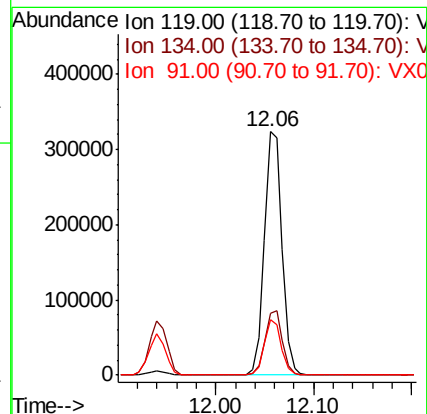
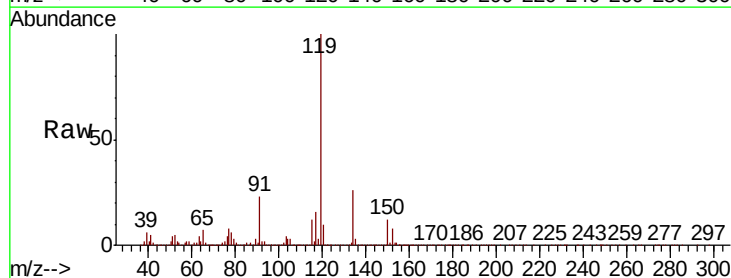
Tgt Ion:119 Resp: 402574

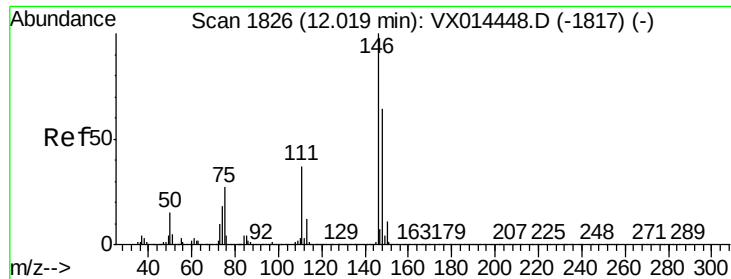
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 22.0 11.1 33.3





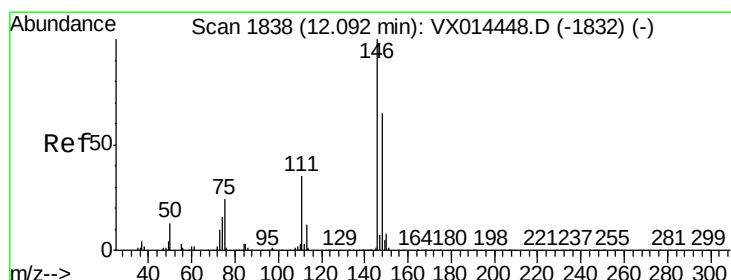
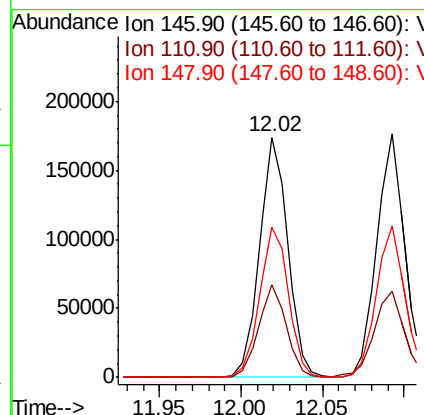
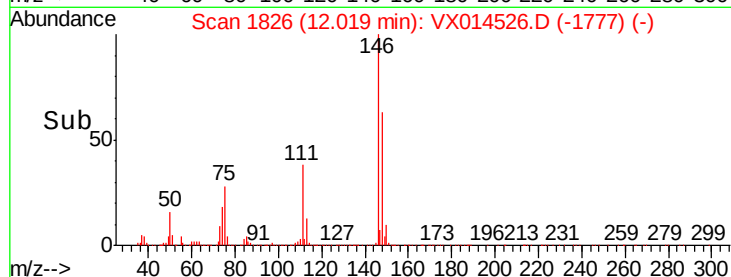
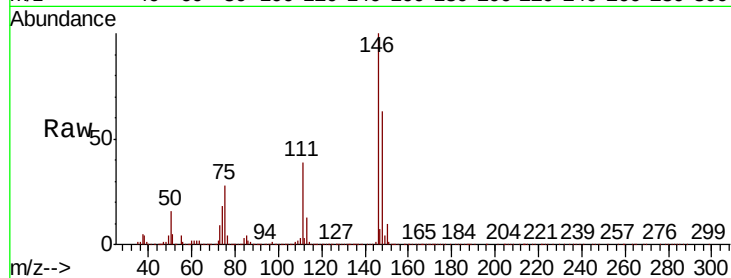
#87
 1,3-Dichlorobenzene
 Concen: 18.706 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.8	32.2	96.6

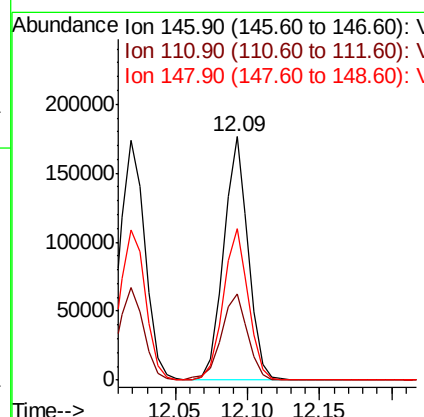
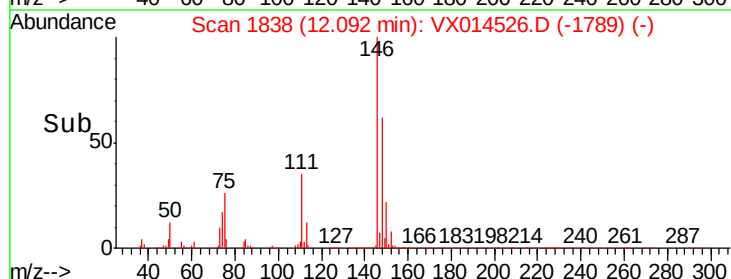
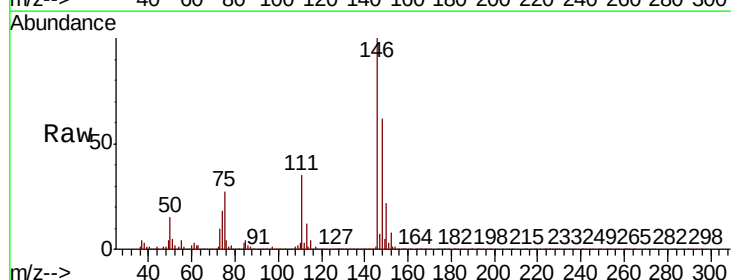
Manual Integrations
 APPROVED

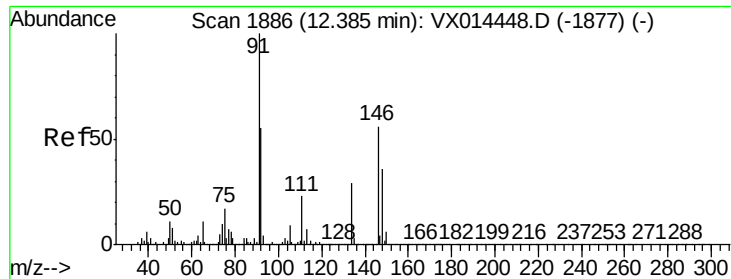
MMDadoda
 1/13/2020 11:34:36 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.508 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	63.6	32.1	96.3





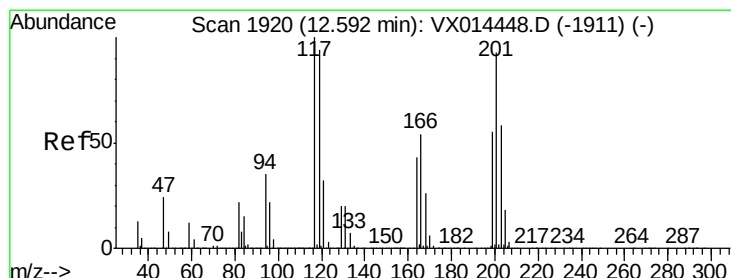
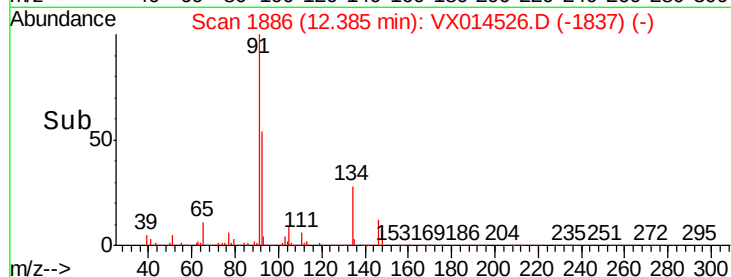
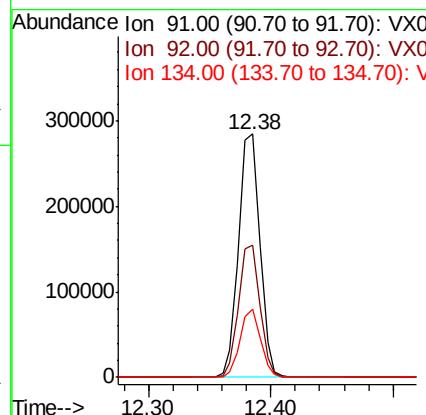
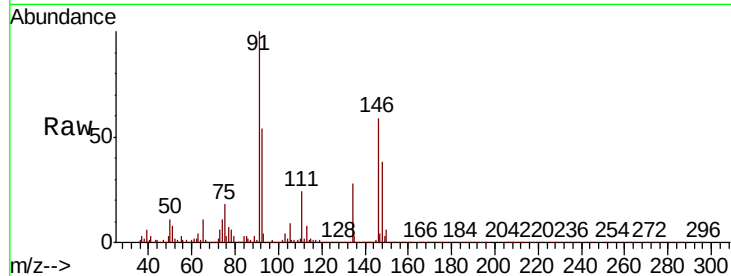
#89
n-Butylbenzene
Concen: 18.234 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	26.9	13.9	41.7

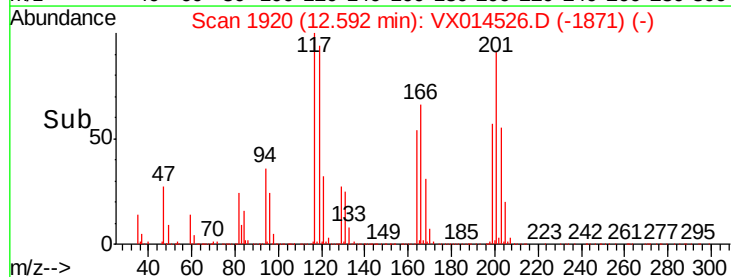
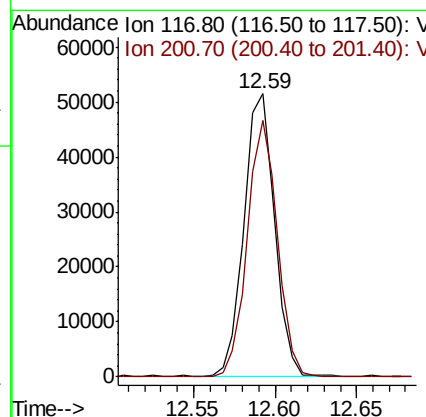
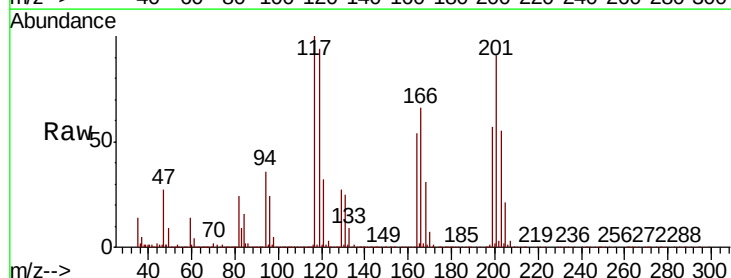
Manual Integrations
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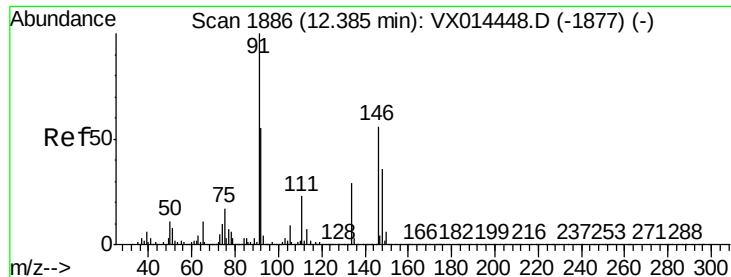
MMDadoda
1/13/2020 11:34:36 AM



#90
Hexachloroethane
Concen: 18.701 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	44.8	134.3





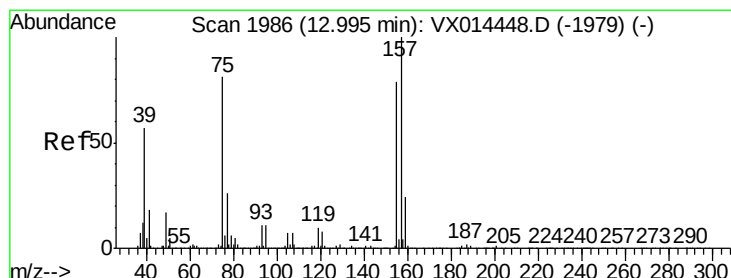
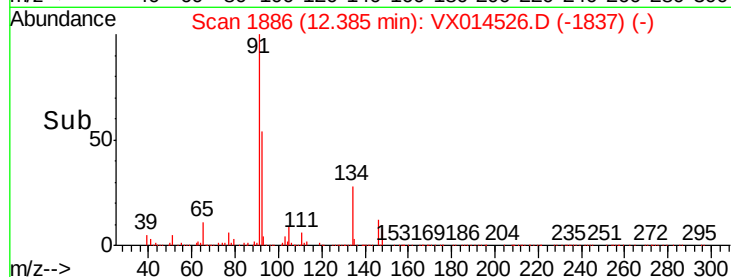
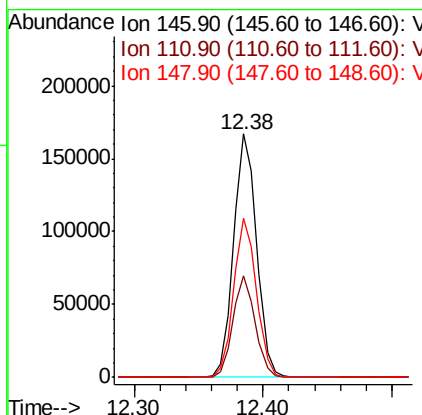
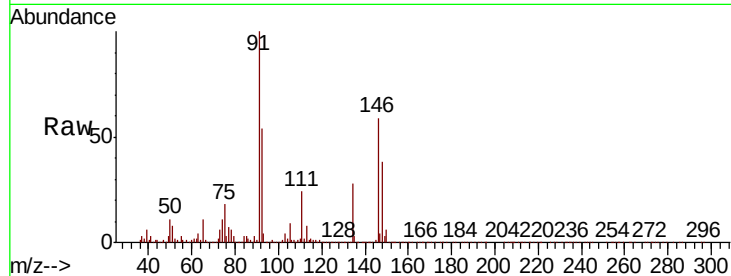
#91
 1,2-Dichlorobenzene
 Concen: 18.954 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	64.6	32.3	96.8

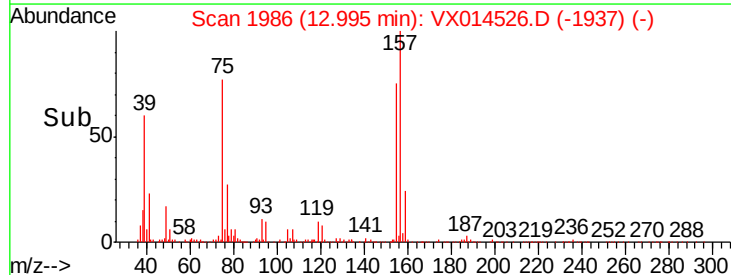
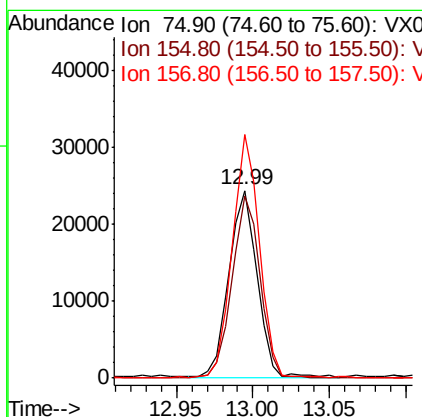
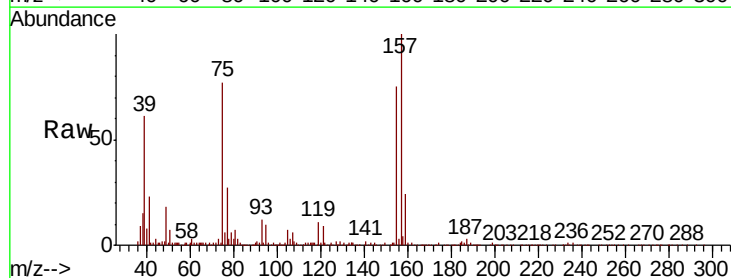
Manual Integrations
 APPROVED

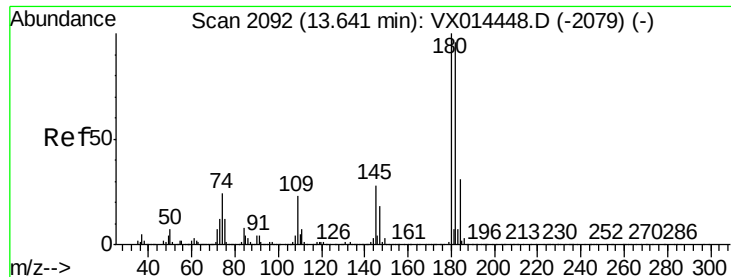
MMDadoda
 1/13/2020 11:34:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.015 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	48.7	146.1
157	123.8	62.0	185.9





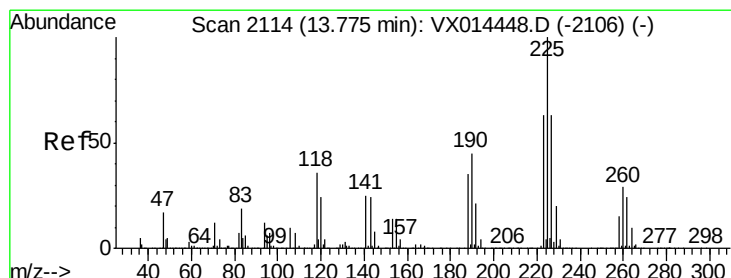
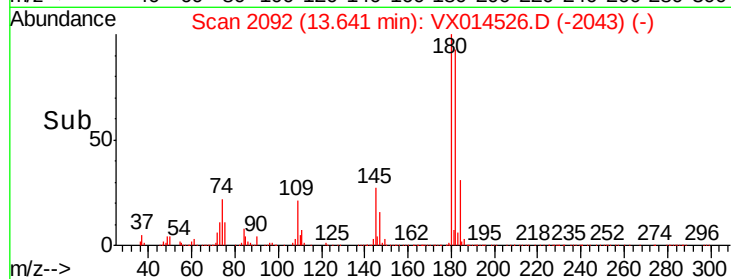
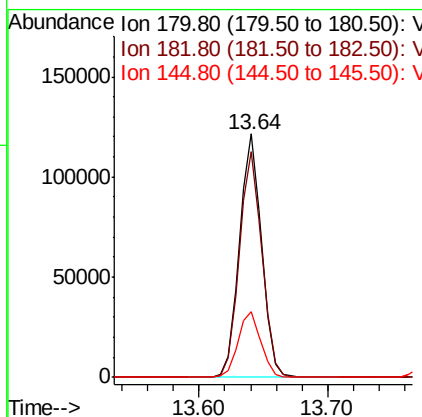
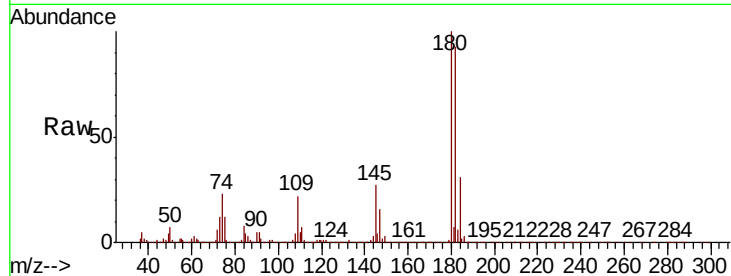
#93
 1,2,4-Trichlorobenzene
 Concen: 18.643 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144710		
182	94.4	47.5	142.5	
145	27.8	13.9	41.6	

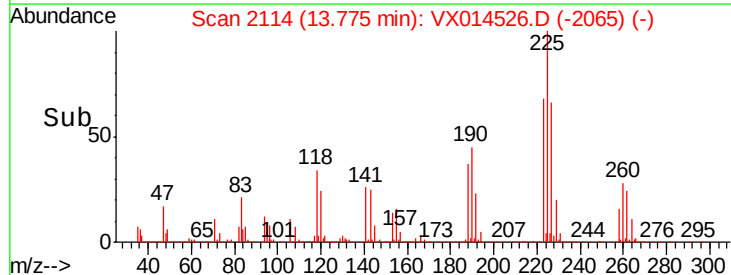
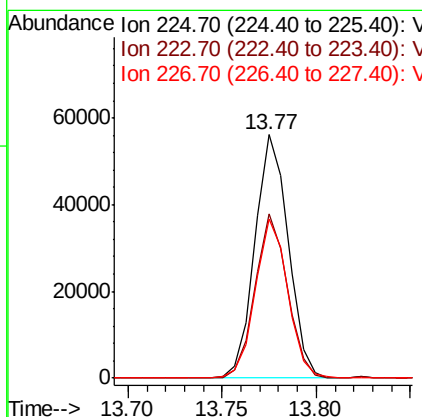
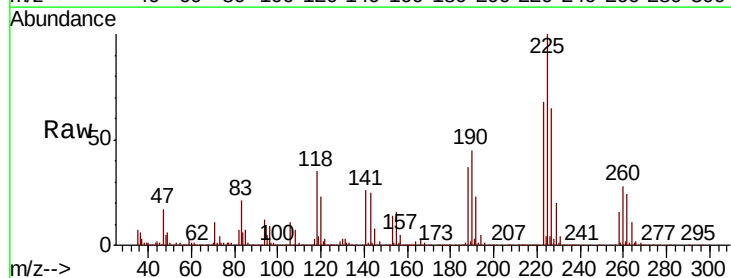
Manual Integrations
 APPROVED

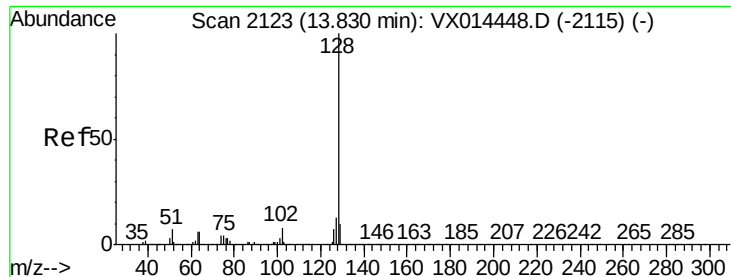
MMDadoda
 1/13/2020 11:34:36 AM



#94
 Hexachlorobutadiene
 Concen: 19.078 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014526.D
 Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68956		
223	65.4	31.1	93.2	
227	63.8	31.4	94.2	





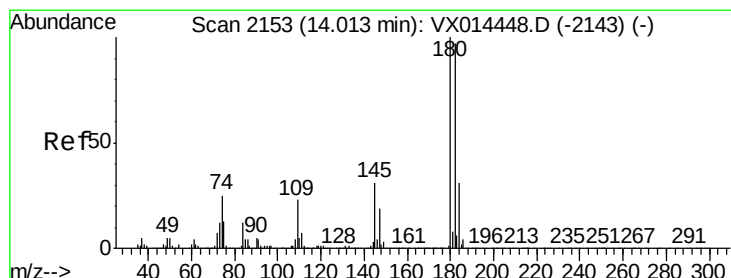
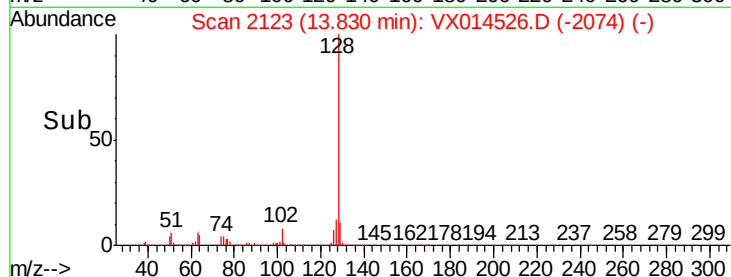
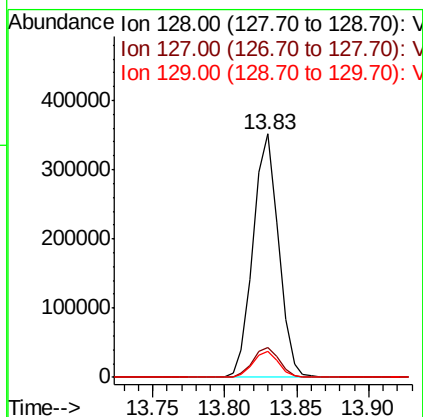
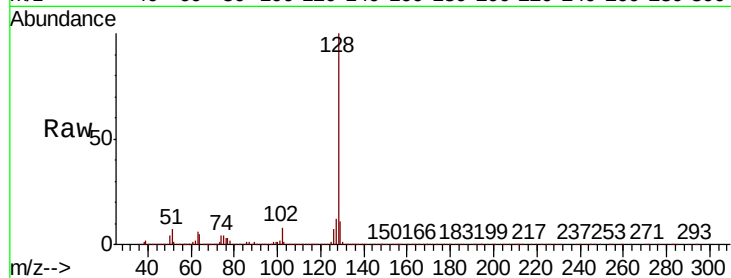
#95
Naphthalene
Concen: 17.858 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.630 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014526.D
Acq: 10 Jan 2020 10:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.6
145	30.1	14.8	44.3

