

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014528.D
 Acq On : 10 Jan 2020 11:43
 Operator : JC/SP
 Sample : VX0110MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0110MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:45 AM

Quant Time: Jan 10 12:41:41 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	470378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	629825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318975	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	259247	49.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.74%	
35) Dibromofluoromethane	5.48	113	212734	50.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.82%	
50) Toluene-d8	8.71	98	821970	50.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	291469	48.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	119242	20.568	ug/l	98
3) Chloromethane	1.32	50	117706	19.631	ug/l	99
4) Vinyl Chloride	1.40	62	137902	20.640	ug/l	100
5) Bromomethane	1.64	94	77113	17.412	ug/l	97
6) Chloroethane	1.72	64	75185	19.875	ug/l	98
7) Trichlorofluoromethane	1.92	101	150226	19.821	ug/l	99
8) Diethyl Ether	2.18	74	67251	19.449	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88771	19.252	ug/l	98
10) Methyl Iodide	2.50	142	108477	19.647	ug/l	98
11) Tert butyl alcohol	3.02	59	115379	105.234	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89016	19.161	ug/l	98
13) Acrolein	2.28	56	69511	79.098	ug/l	98
14) Allyl chloride	2.72	41	156841	19.229	ug/l	99
15) Acrylonitrile	3.12	53	270646	102.277	ug/l	99
16) Acetone	2.43	43	273014	101.208	ug/l	97
17) Carbon Disulfide	2.56	76	232432	17.931	ug/l	100
18) Methyl Acetate	2.76	43	164086	21.742	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	306580	20.557	ug/l	100
20) Methylene Chloride	2.85	84	104533	19.789	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	95156	18.762	ug/l	99
22) Diisopropyl ether	3.84	45	327240	20.761	ug/l	91
23) Vinyl Acetate	3.80	43	1278411	104.758	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173563	20.241	ug/l	98
25) 2-Butanone	4.65	43	393768	100.390	ug/l	100
26) 2,2-Dichloropropane	4.57	77	137380	18.913	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	110657	19.517	ug/l	98
28) Bromochloromethane	5.00	49	71801	19.872	ug/l	95
29) Tetrahydrofuran	5.11	42	241245	104.027	ug/l	99
30) Chloroform	5.20	83	168310	20.087	ug/l	98
31) Cyclohexane	5.57	56	160583	20.008	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	140628	19.607	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126316	19.269	ug/l	98
37) Ethyl Acetate	4.81	43	147135	20.664	ug/l	99
38) Carbon Tetrachloride	5.78	117	119141	19.750	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	166114	20.170	ug/l	97
40) Benzene	6.13	78	398200	20.466	ug/l	100
41) Methacrylonitrile	5.03	41	80496	21.199	ug/l	98
42) 1,2-Dichloroethane	6.18	62	138434	20.350	ug/l	98
43) Isopropyl Acetate	6.43	43	237778	20.672	ug/l	99
44) Trichloroethene	7.20	130	109163	19.524	ug/l	97
45) 1,2-Dichloropropane	7.50	63	103052	20.775	ug/l	100
46) Dibromomethane	7.65	93	67679	19.548	ug/l	100
47) Bromodichloromethane	7.89	83	127321	20.211	ug/l	96
48) Methyl methacrylate	7.76	41	116662	21.176	ug/l	99
49) 1,4-Dioxane	7.73	88	50282	430.742	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	746845	106.549	ug/l	99
52) Toluene	8.78	92	252063	20.238	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	141595	19.306	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161478	20.382	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103784	20.746	ug/l	98
56) Ethyl methacrylate	9.17	69	159133	20.763	ug/l	99
57) 1,3-Dichloropropane	9.36	76	173606	20.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	262443	100.645	ug/l	99
59) 2-Hexanone	9.48	43	572432	103.213	ug/l	100
60) Dibromochloromethane	9.57	129	102438	20.373	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106624	20.121	ug/l	100
64) Tetrachloroethene	9.33	164	121087	19.183	ug/l	99
65) Chlorobenzene	10.14	112	268701	19.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96957	19.877	ug/l	98
67) Ethyl Benzene	10.25	91	466573	20.027	ug/l	100
68) m/p-Xylenes	10.35	106	356497	39.665	ug/l	98
69) o-Xylene	10.69	106	172138	20.073	ug/l	98
70) Styrene	10.71	104	292795	19.785	ug/l	99
71) Bromoform	10.85	173	77699	19.469	ug/l #	99
73) Isopropylbenzene	11.01	105	462826	20.663	ug/l	99
74) N-amyl acetate	10.89	43	200408	20.280	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148628	20.691	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	127463m	19.314	ug/l	
77) Bromobenzene	11.25	156	123796	19.929	ug/l	97
78) n-propylbenzene	11.35	91	520167	20.278	ug/l	99
79) 2-Chlorotoluene	11.42	91	309580	20.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	377315	20.290	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48459	19.413	ug/l	92
82) 4-Chlorotoluene	11.51	91	349827	19.493	ug/l	100
83) tert-Butylbenzene	11.76	119	359043	20.434	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	384633	20.469	ug/l	100
85) sec-Butylbenzene	11.94	105	446337	20.433	ug/l	100
86) p-Isopropyltoluene	12.06	119	408249	20.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	215653	19.345	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	213345	20.019	ug/l	98
89) n-Butylbenzene	12.39	91	346879	18.717	ug/l	99
90) Hexachloroethane	12.59	117	70225	19.724	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	214109	19.603	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32186	19.920	ug/l	95

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ClientSampleId :
VX0110MBSD01

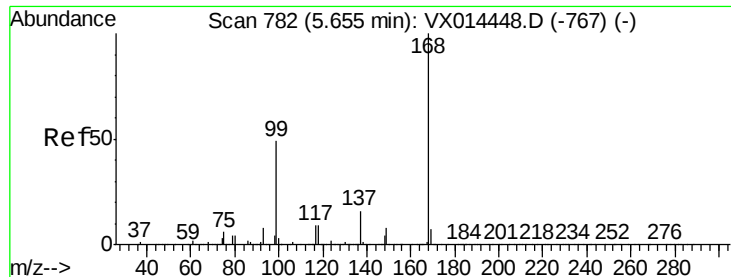
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144367	18.763	ug/l	100
94) Hexachlorobutadiene	13.78	225	70547	19.687	ug/l	98
95) Naphthalene	13.83	128	434500	18.262	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	146235	19.272	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion:168 Resp: 470378

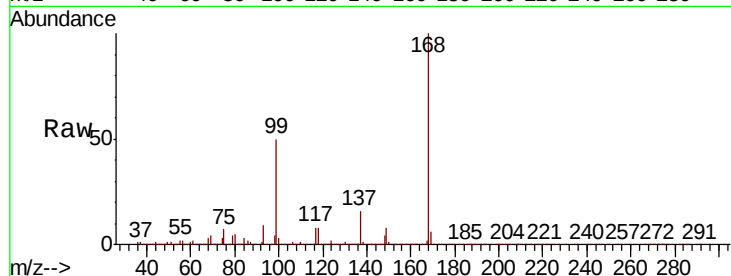
Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8

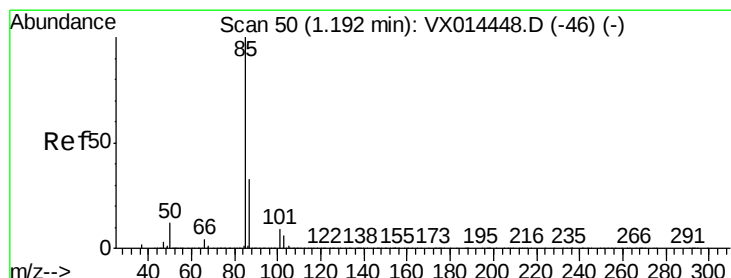
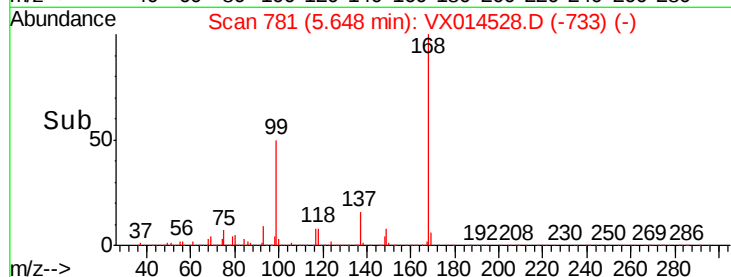
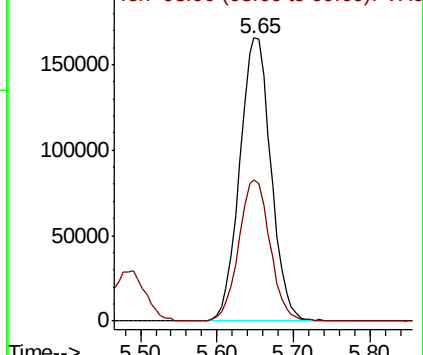
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.568 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014528.D

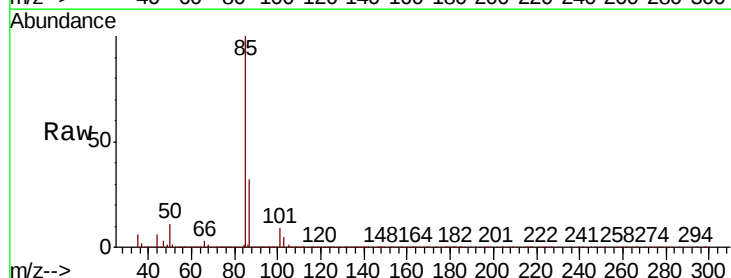
Acq: 10 Jan 2020 11:43

Tgt Ion: 85 Resp: 119242

Ion Ratio Lower Upper

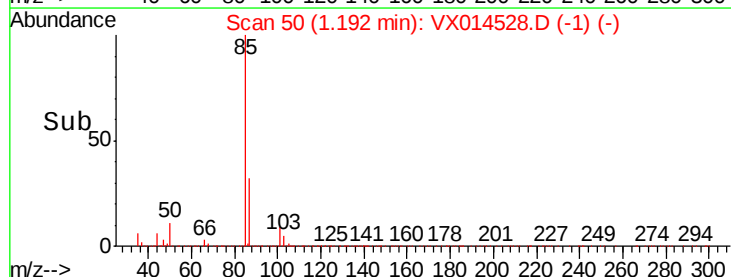
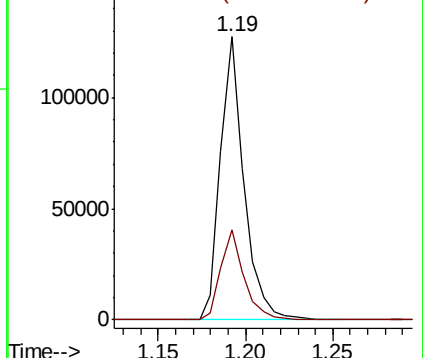
85 100

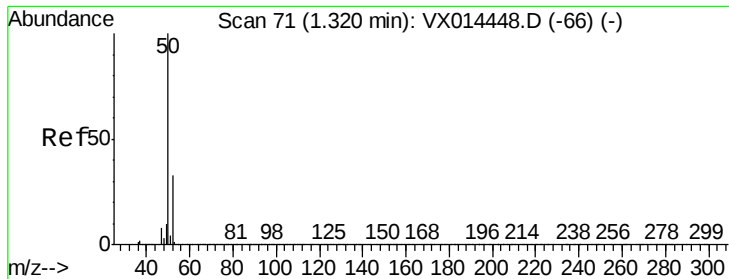
87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.631 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 50 Resp: 117706

Ion Ratio Lower Upper

50 100

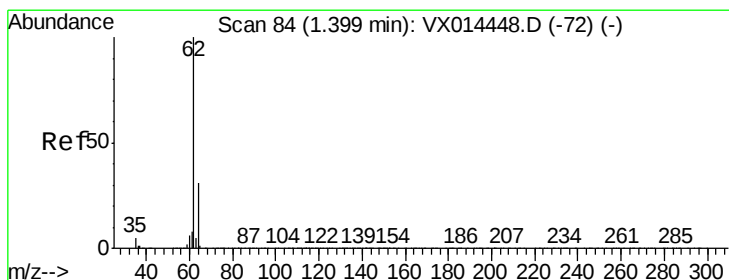
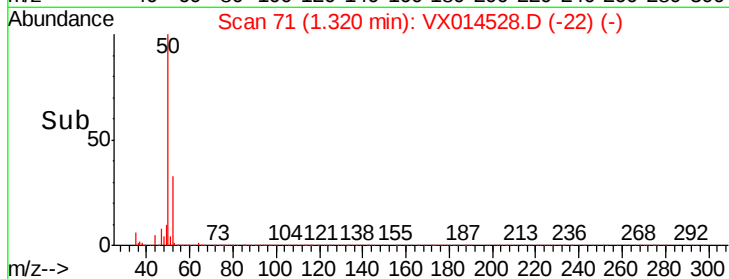
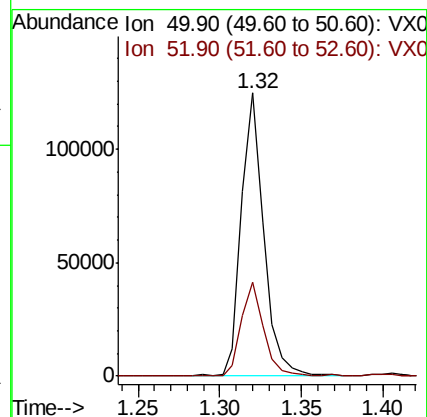
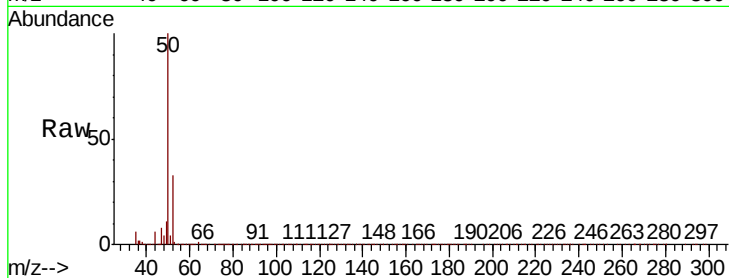
52 33.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.640 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014528.D

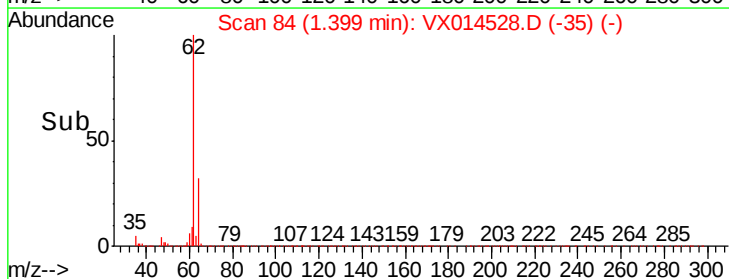
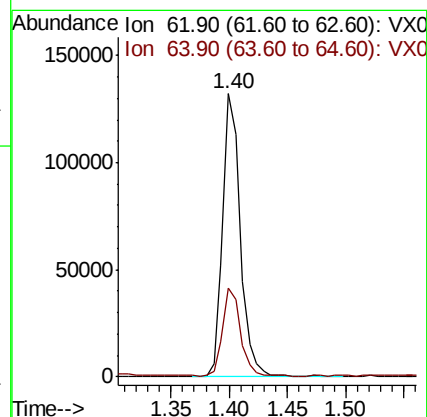
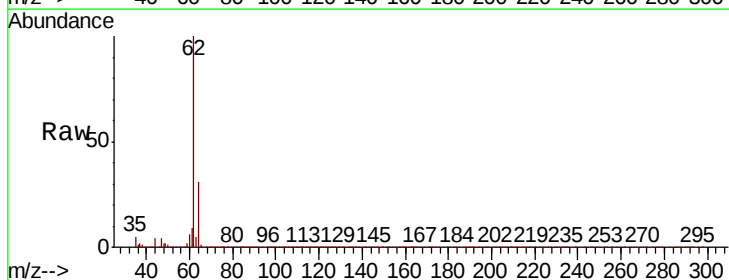
Acq: 10 Jan 2020 11:43

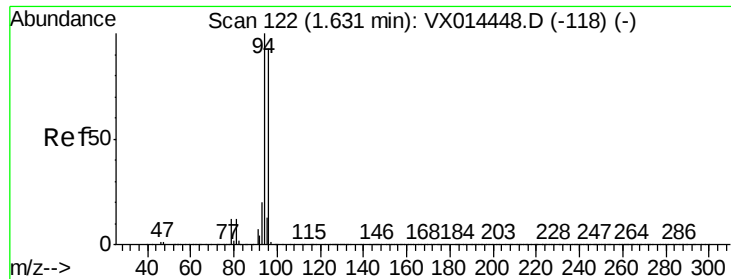
Tgt Ion: 62 Resp: 137902

Ion Ratio Lower Upper

62 100

64 31.0 24.6 37.0





#5

Bromomethane

Concen: 17.412 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

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ClientSampleId :

VX0110MBSD01

Tot Ion: 94 Resp: 77113

Ion Ratio Lower Upper

94 100

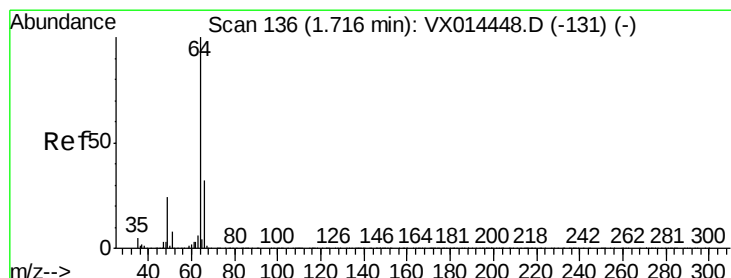
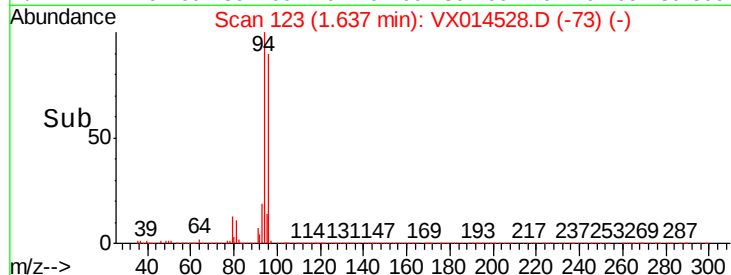
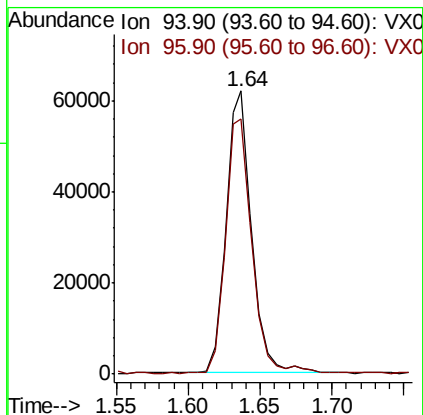
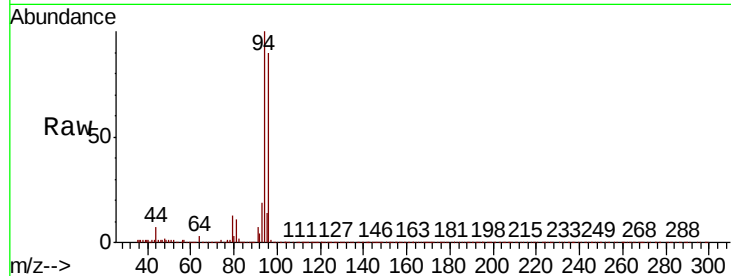
96 89.8 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.875 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014528.D

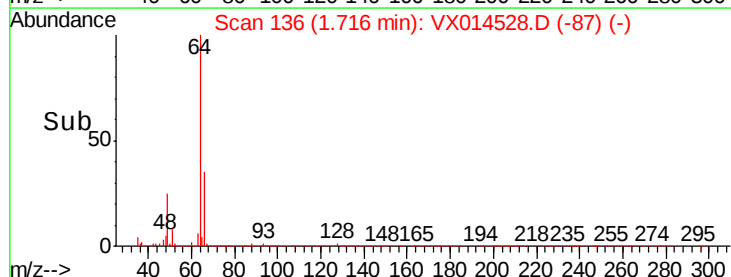
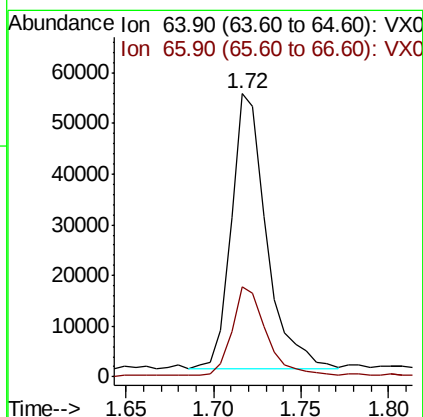
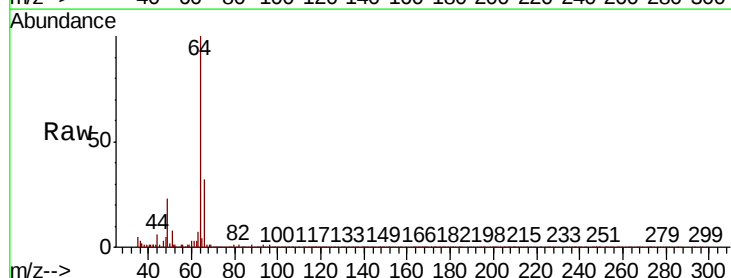
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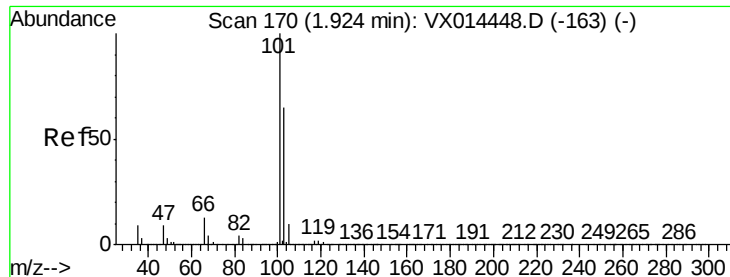
Tgt Ion: 64 Resp: 75185

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9





#7

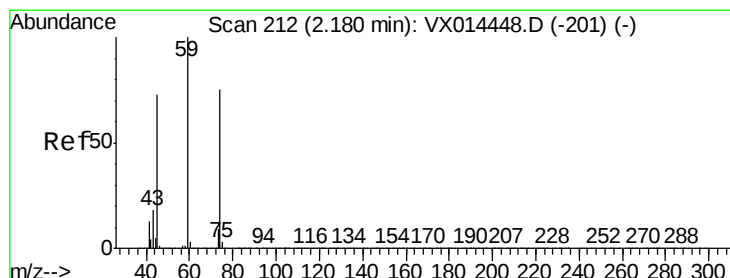
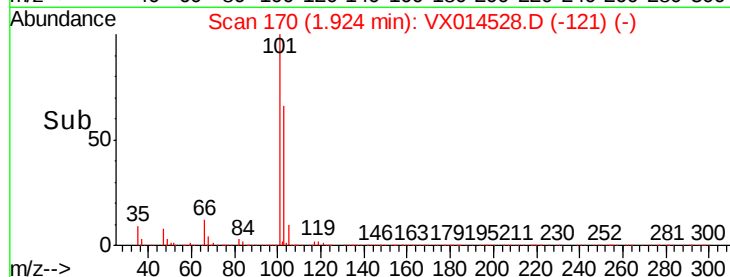
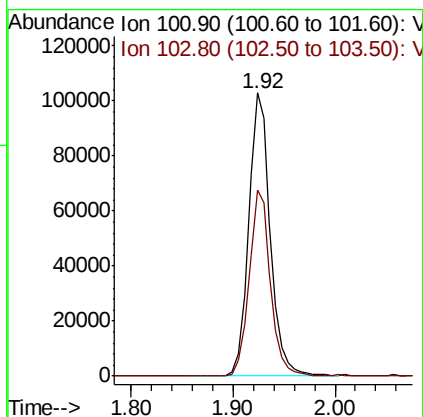
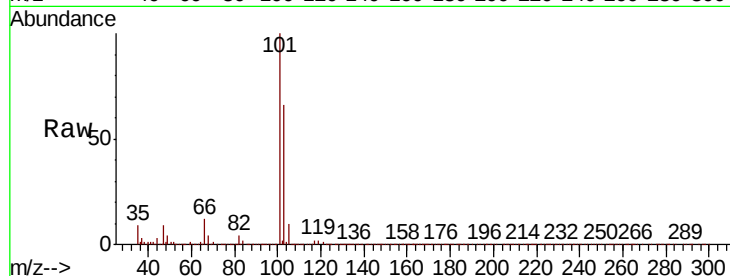
Trichlorofluoromethane
Concen: 19.821 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

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ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.2	78.4

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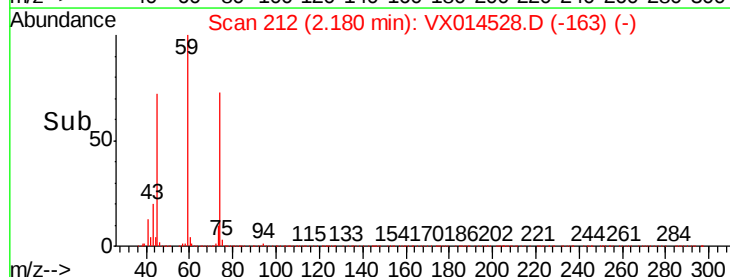
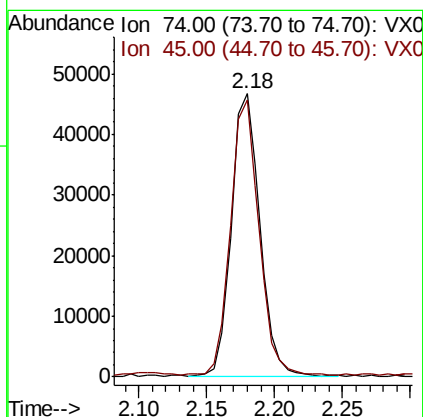
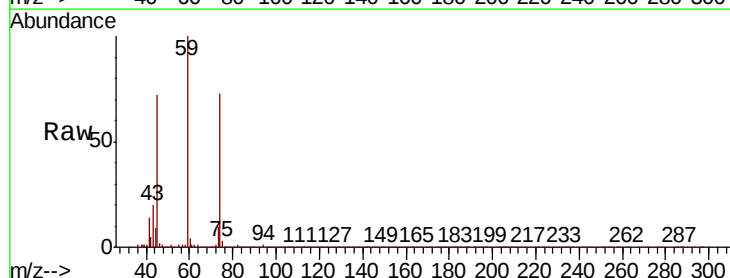
MMDadoda
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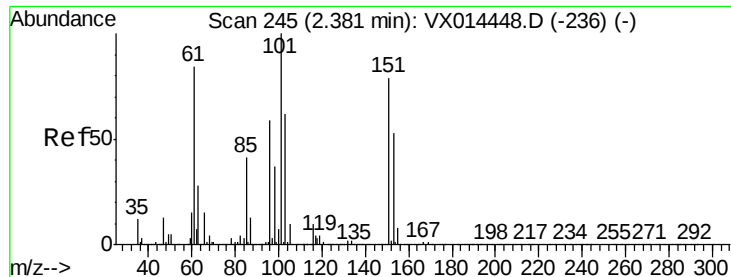


#8

Diethyl Ether
Concen: 19.449 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.252 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014528.D

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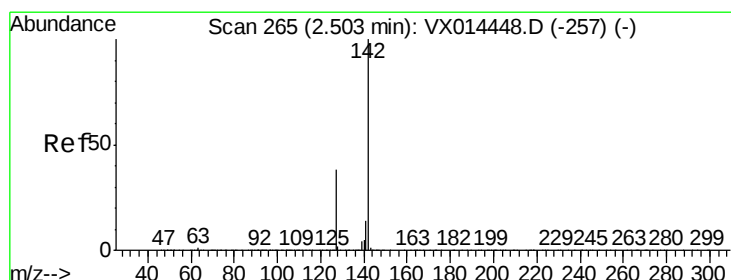
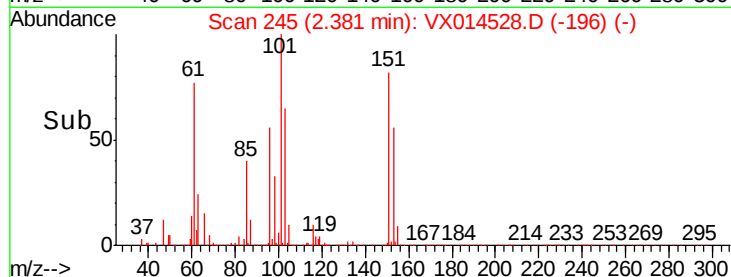
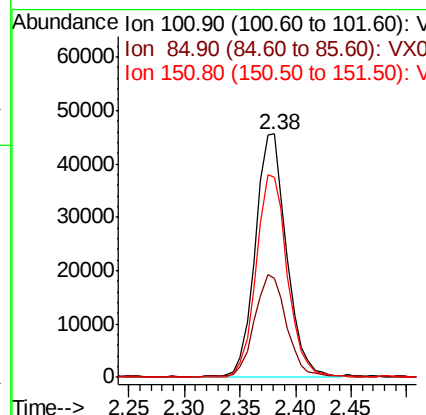
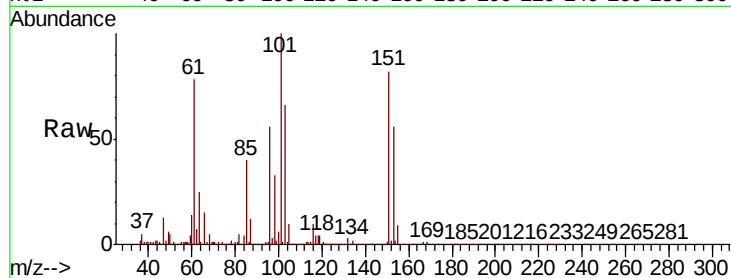
ClientSampleId :

VX0110MBSD01

Tot Ion:	101	Resp:	88771
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.8	50.8
151	83.5	65.3	97.9

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#10

Methyl Iodide

Concen: 19.647 ug/l

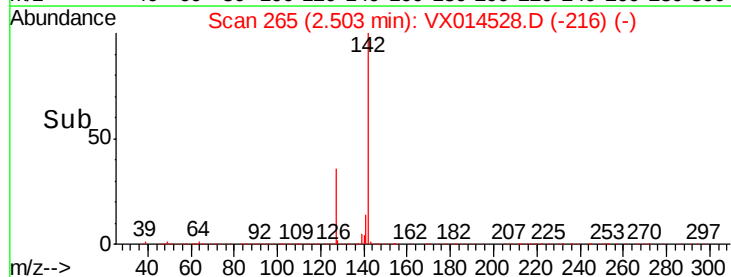
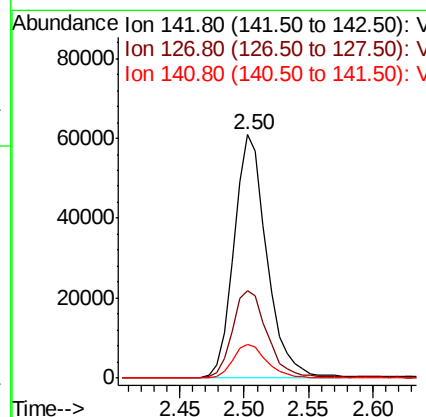
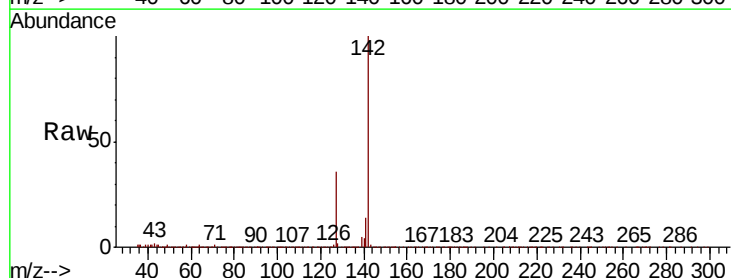
RT: 2.50 min Scan# 265

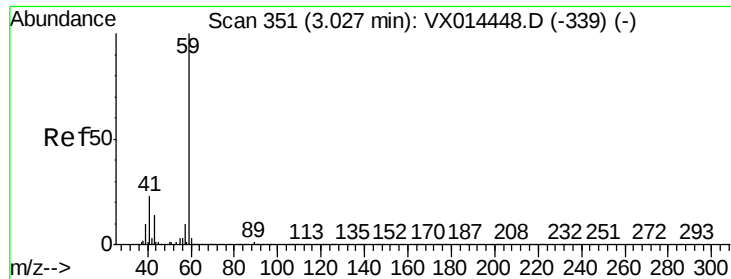
Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion:	142	Resp:	108477
Ion Ratio	Lower	Upper	
142	100		
127	37.8	31.2	46.8
141	14.6	11.4	17.2





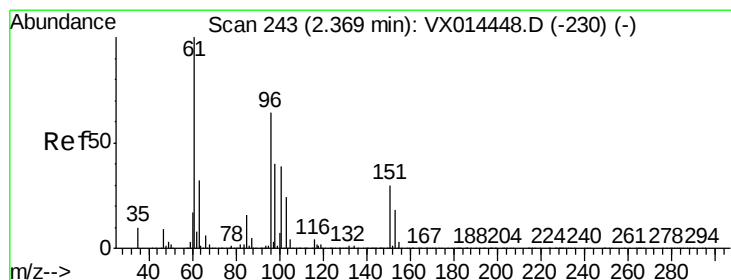
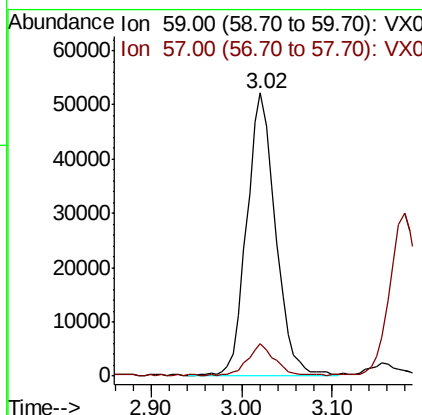
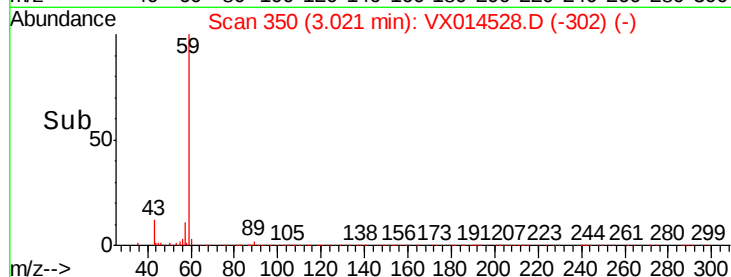
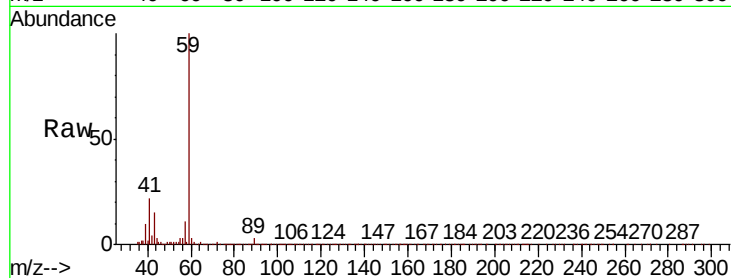
#11
Tert butyl alcohol
Concen: 105.234 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion: 59 Resp: 115379
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

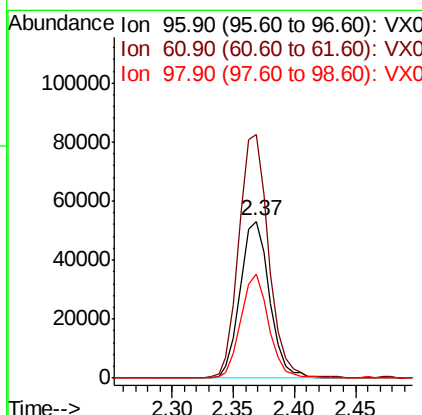
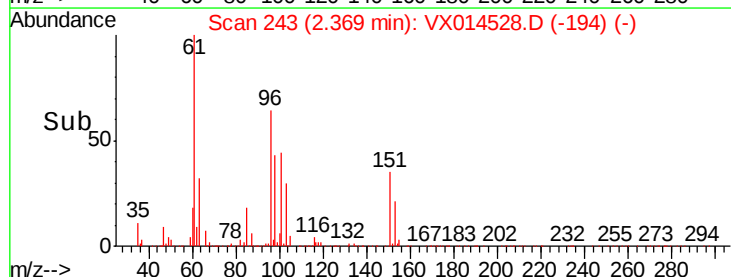
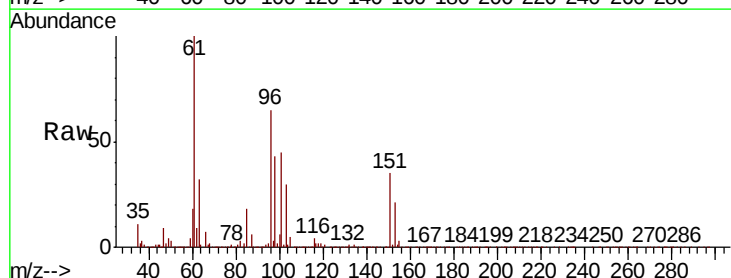
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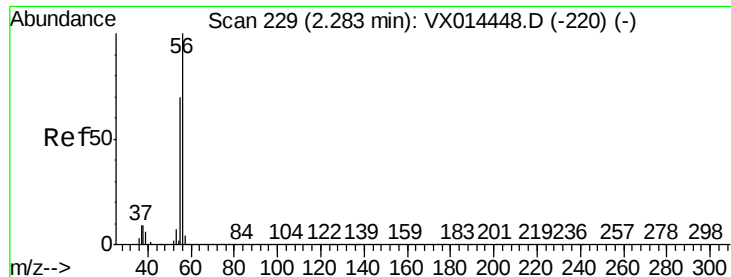
MMDadoda
1/13/2020 11:34:45 AM



#12
1,1-Dichloroethene
Concen: 19.161 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 96 Resp: 89016
Ion Ratio Lower Upper
96 100
61 155.3 125.0 187.6
98 66.0 50.2 75.2





#13

Acrolein

Concen: 79.098 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 56 Resp: 69511

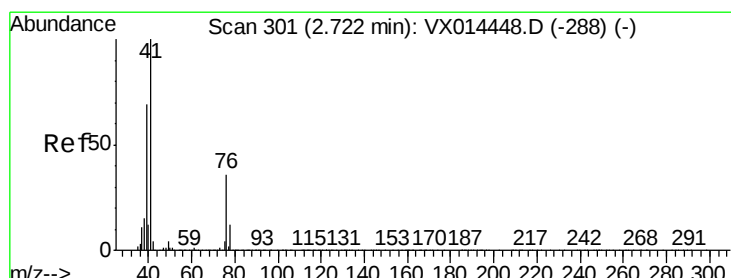
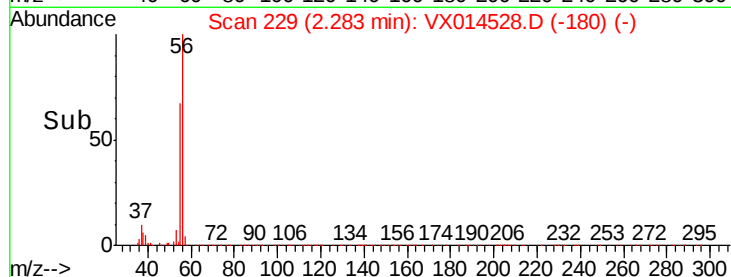
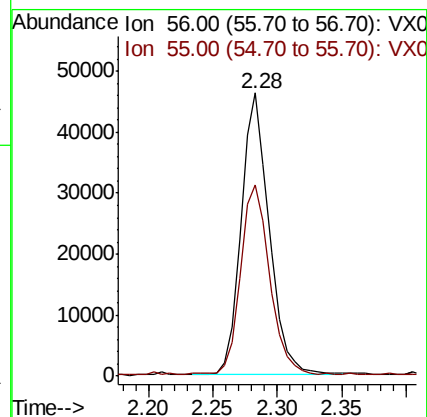
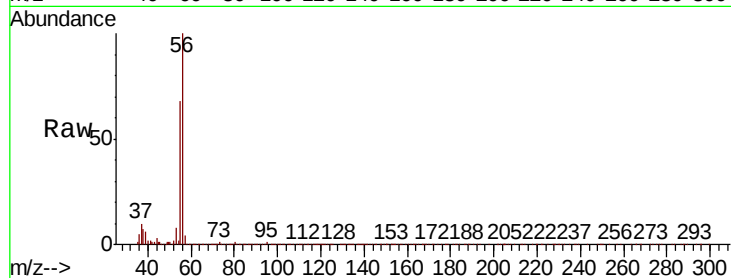
Ion Ratio Lower Upper

56 100

55 70.1 55.0 82.6

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#14

Allyl chloride

Concen: 19.229 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

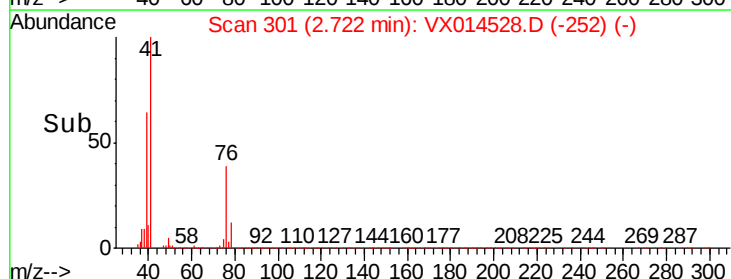
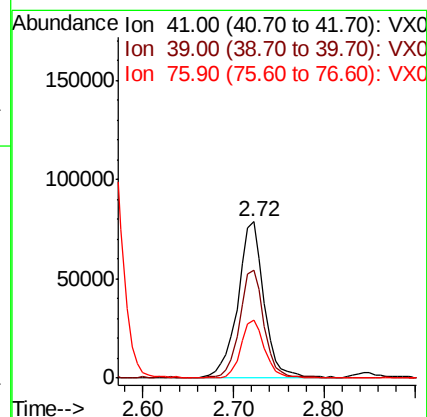
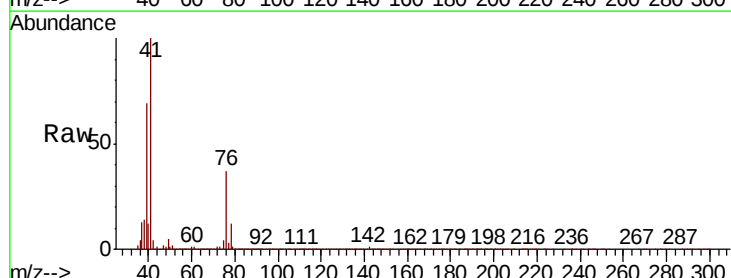
Tgt Ion: 41 Resp: 156841

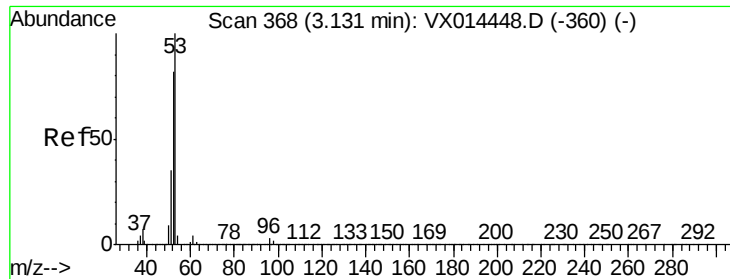
Ion Ratio Lower Upper

41 100

39 63.7 51.7 77.5

76 33.2 26.8 40.2





#15

Acrylonitrile

Concen: 102.277 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

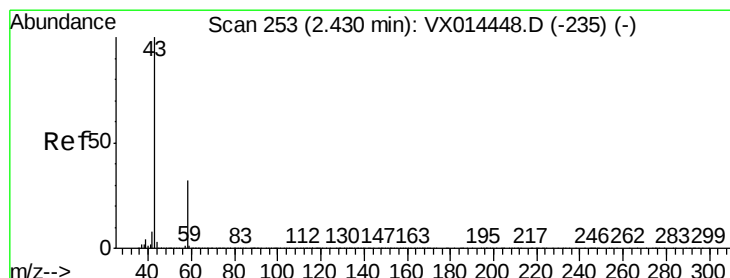
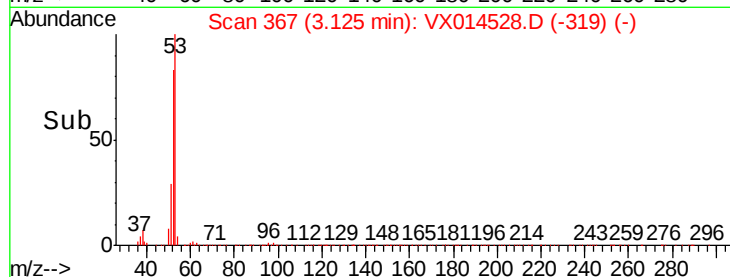
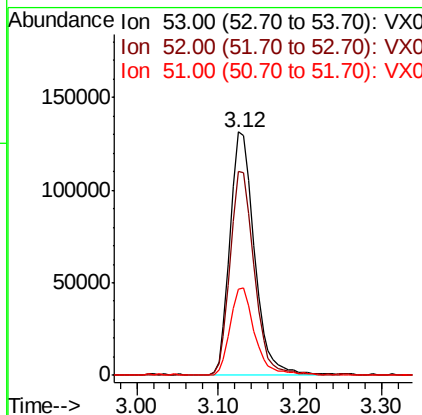
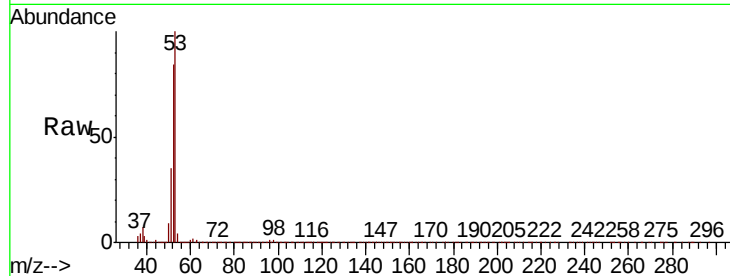
ClientSampleId :

VX0110MBSD01

Tot Ion:	53	Resp:	270646
Ion Ratio		Lower	Upper
53	100		
52	82.4	67.0	100.4
51	36.5	28.5	42.7

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#16

Acetone

Concen: 101.208 ug/l

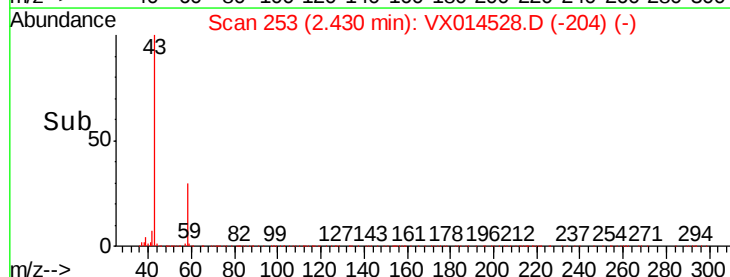
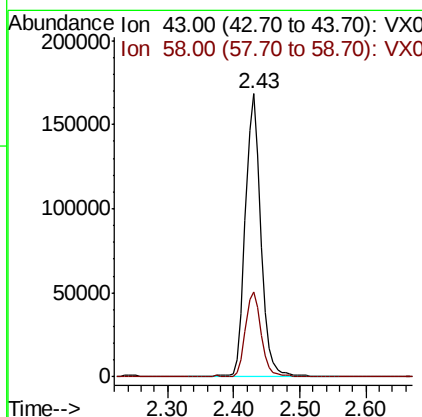
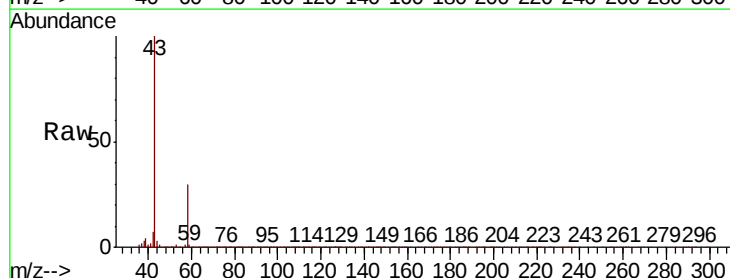
RT: 2.43 min Scan# 253

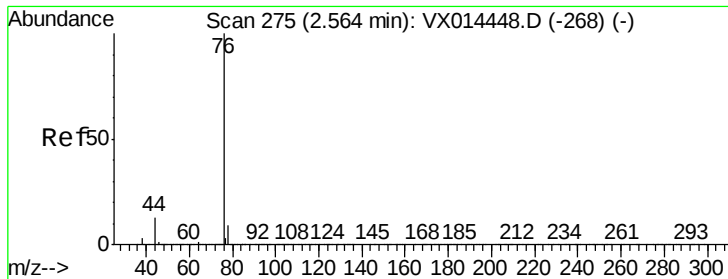
Delta R.T. 0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion:	43	Resp:	273014
Ion Ratio		Lower	Upper
43	100		
58	29.9	25.4	38.0





#17

Carbon Disulfide

Concen: 17.931 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 76 Resp: 232432

Ion Ratio Lower Upper

76 100

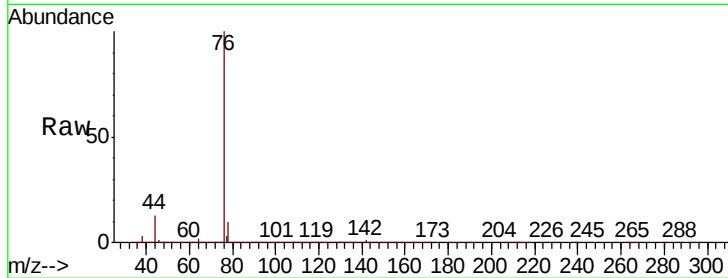
78 9.5 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

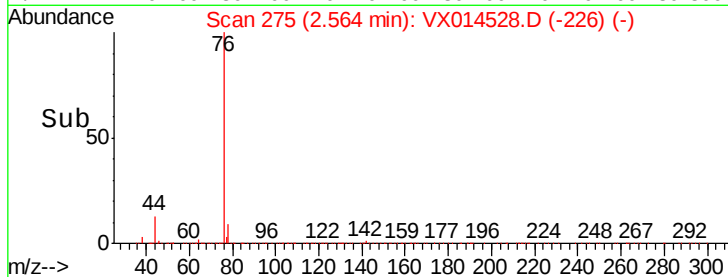
100000

50000

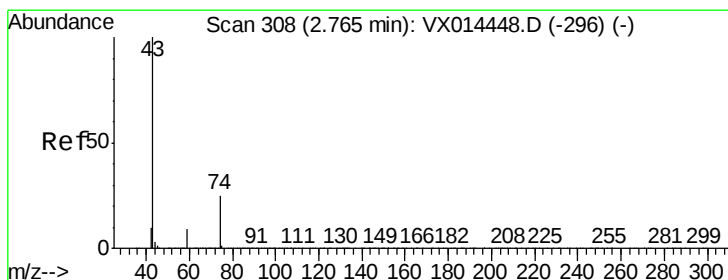
0

2.56

2.50 2.60 2.70



Time-->



#18

Methyl Acetate

Concen: 21.742 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014528.D

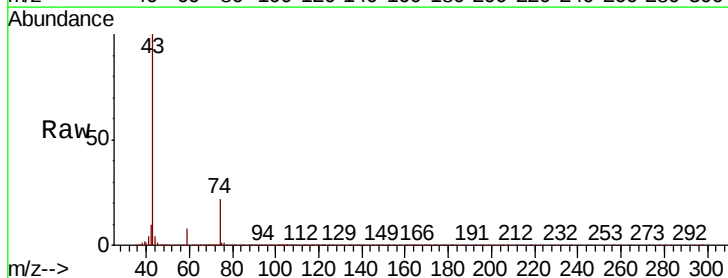
Acq: 10 Jan 2020 11:43

Tgt Ion: 43 Resp: 164086

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

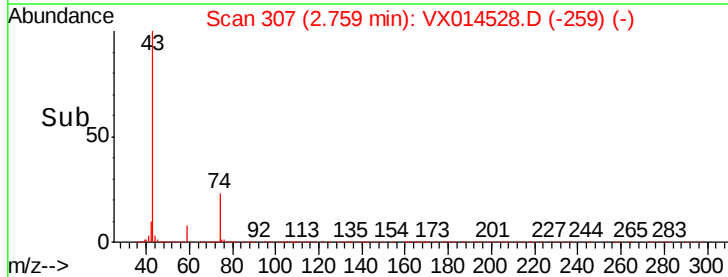
40000

20000

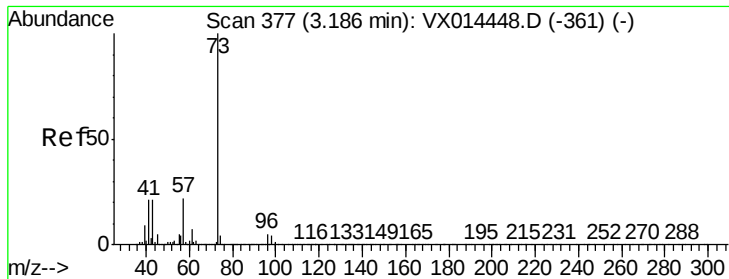
0

2.76

2.70 2.80 2.90



Time-->



#19

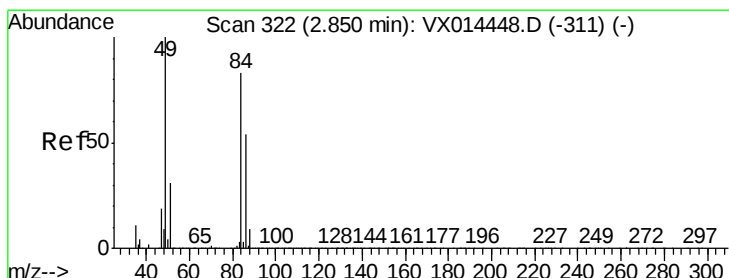
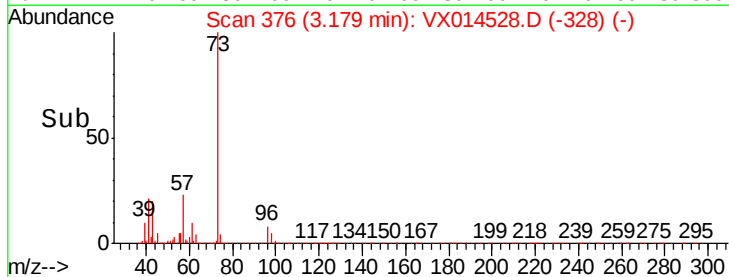
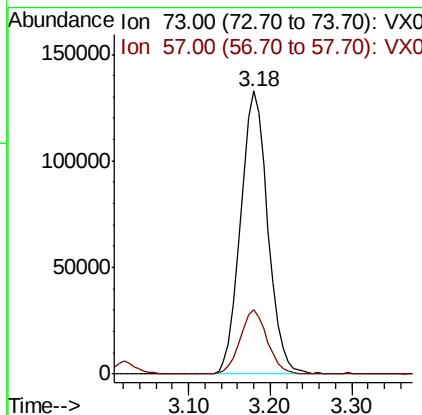
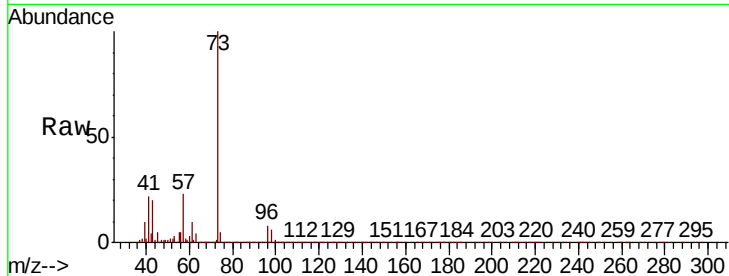
Methyl tert-butyl Ether
 Concen: 20.557 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.8

Manual Integrations
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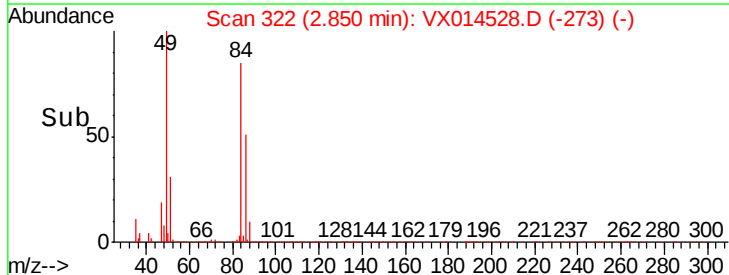
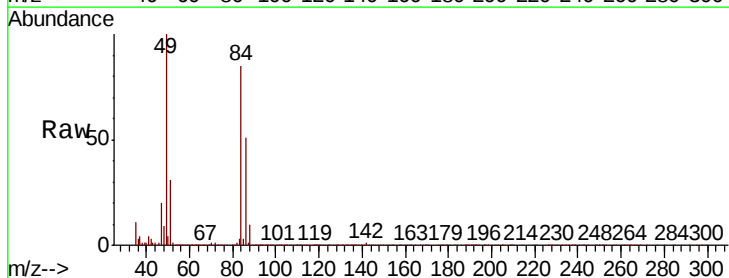
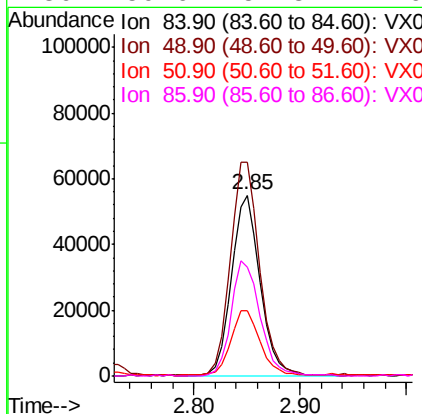
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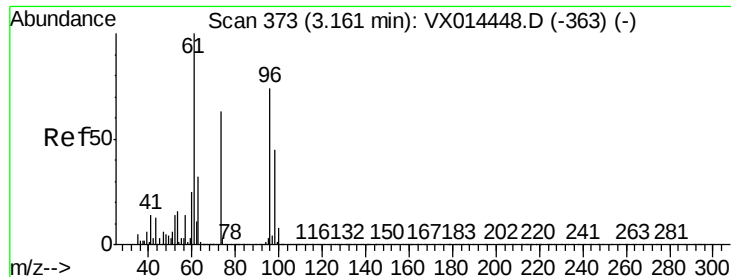


#20

Methylene Chloride
 Concen: 19.789 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	95.8	143.8
51	35.9	30.2	45.4
86	59.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.762 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

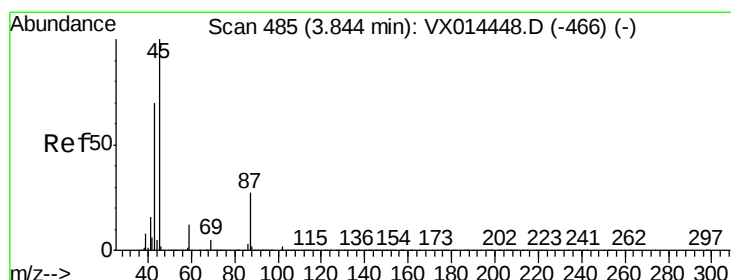
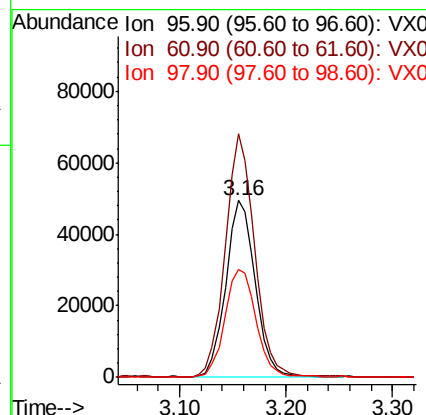
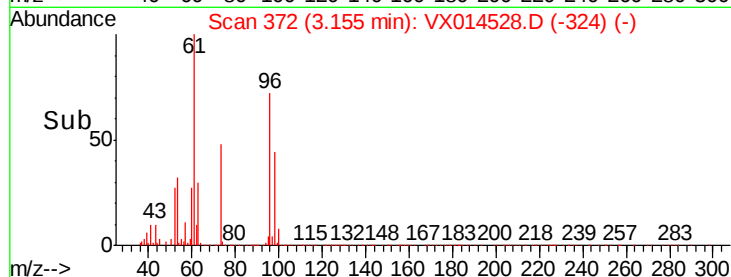
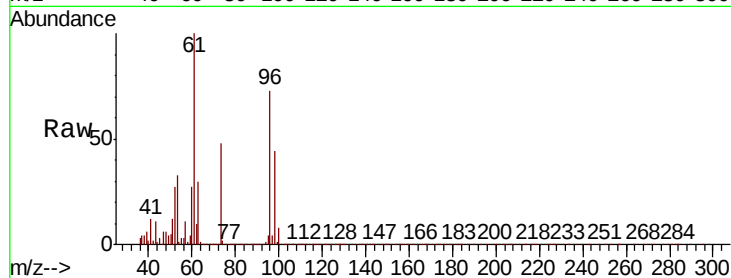
ClientSampleId :

VX0110MBSD01

Tot Ion:	96	Resp:	95156
Ion Ratio	Lower	Upper	
96	100		
61	137.4	108.2	162.4
98	60.7	48.8	73.2

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#22

Diisopropyl ether

Concen: 20.761 ug/l

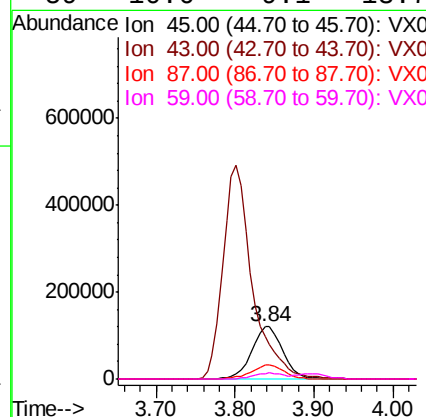
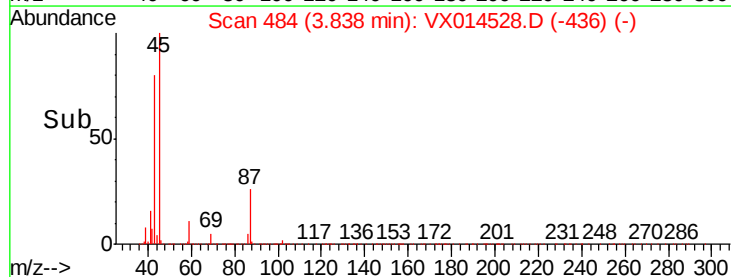
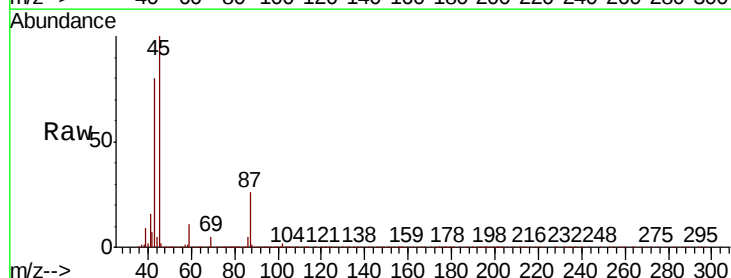
RT: 3.84 min Scan# 484

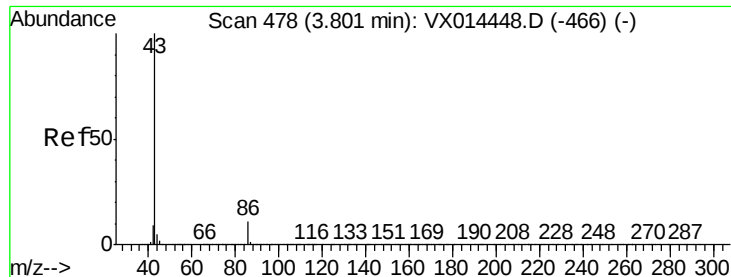
Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion:	45	Resp:	327240
Ion Ratio	Lower	Upper	
45	100		
43	80.2	55.8	83.6
87	26.4	21.8	32.8
59	10.6	9.1	13.7





#23

Vinyl Acetate

Concen: 104.758 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 43 Resp: 1278411

Ion Ratio Lower Upper

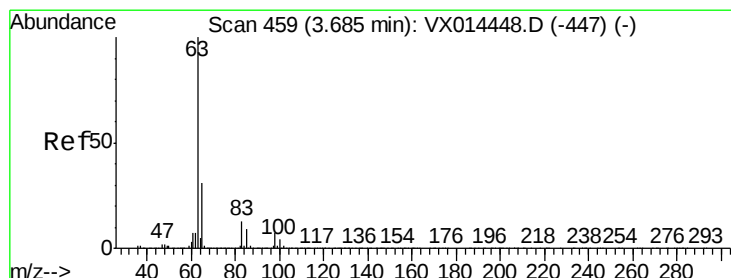
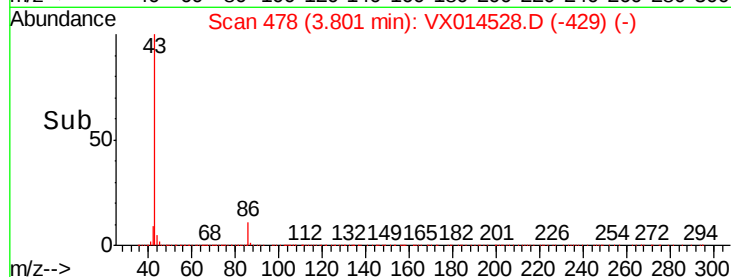
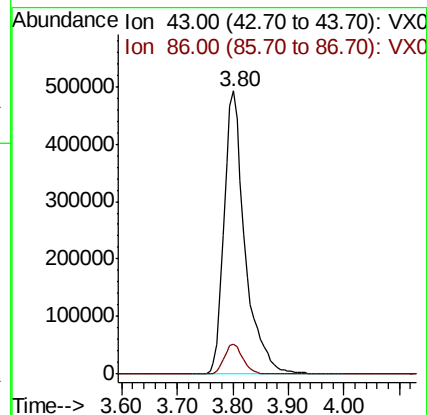
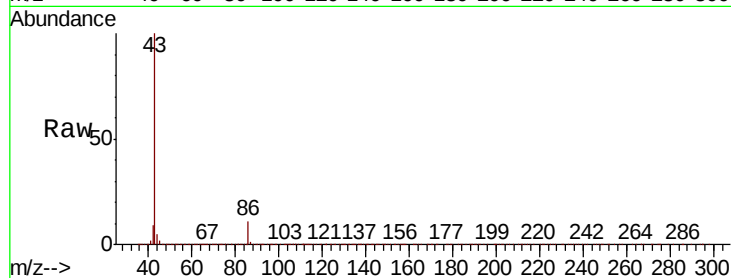
43 100

86 10.7 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 20.241 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

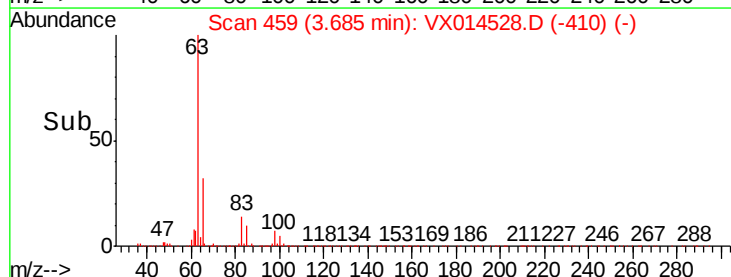
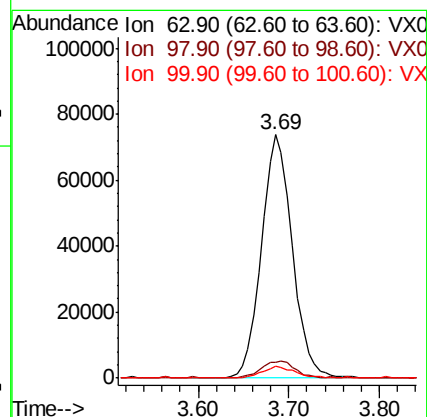
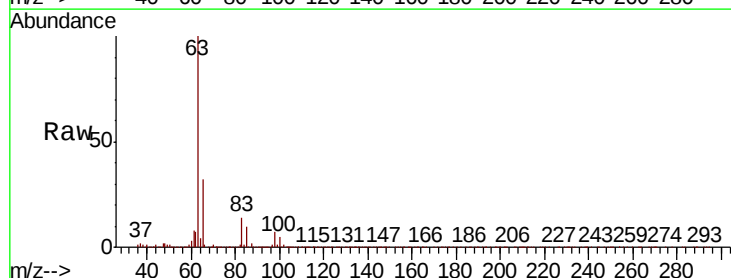
Tgt Ion: 63 Resp: 173563

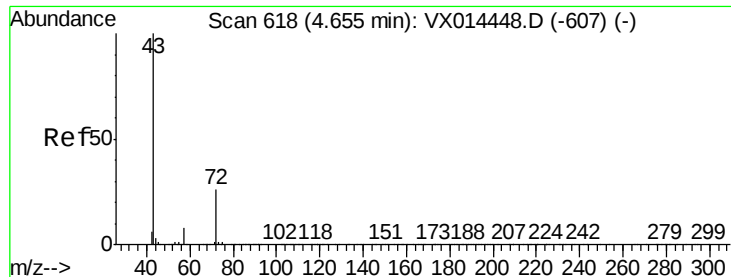
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 100.390 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 43 Resp: 393768

Ion Ratio Lower Upper

43 100

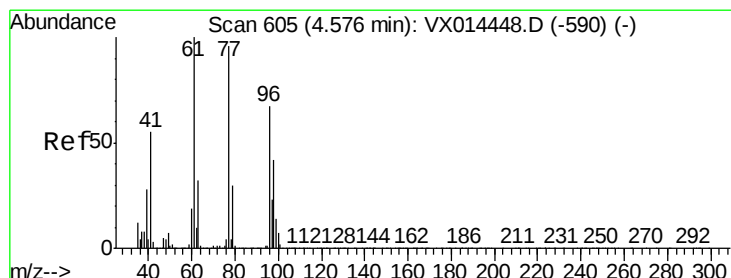
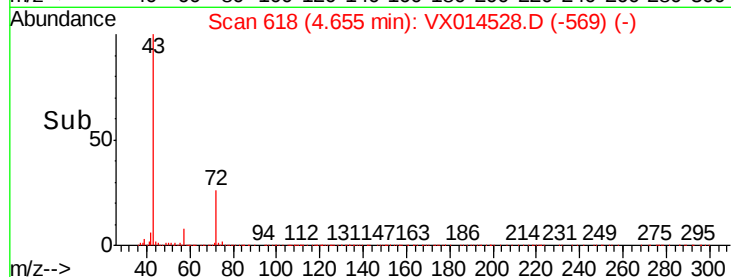
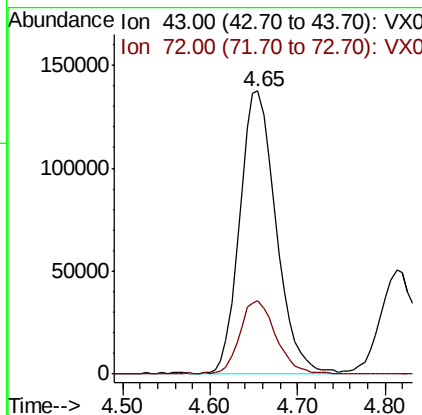
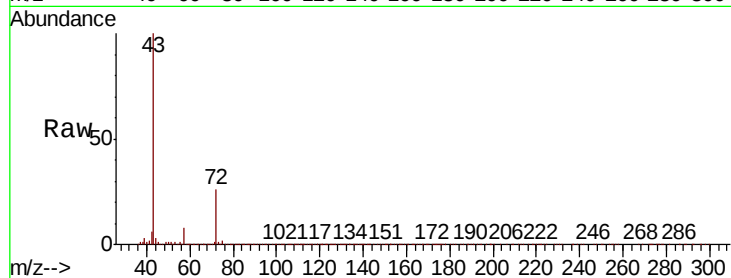
72 25.6 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.913 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014528.D

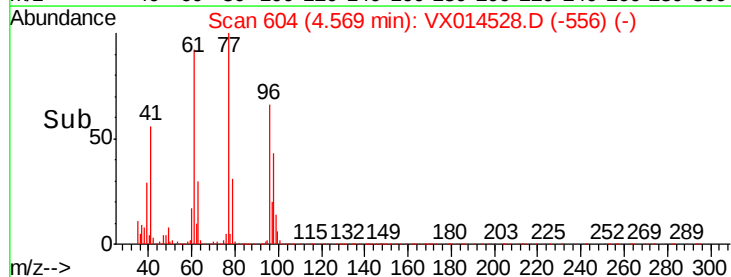
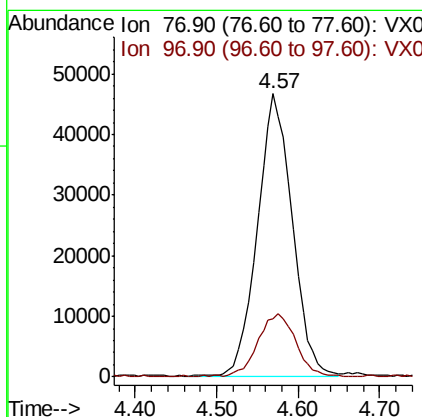
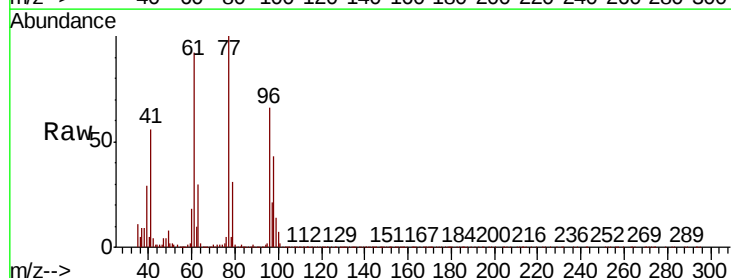
Acq: 10 Jan 2020 11:43

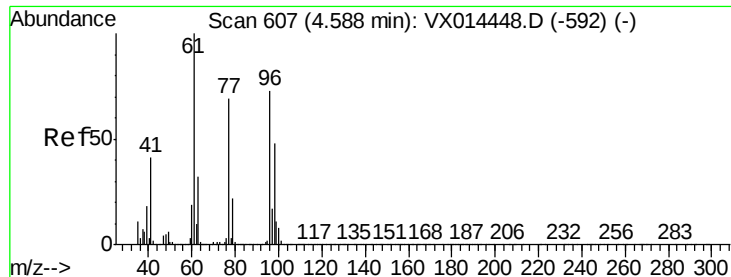
Tgt Ion: 77 Resp: 137380

Ion Ratio Lower Upper

77 100

97 24.7 11.7 35.1





#27

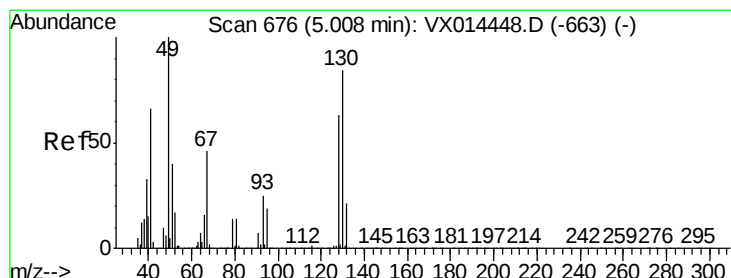
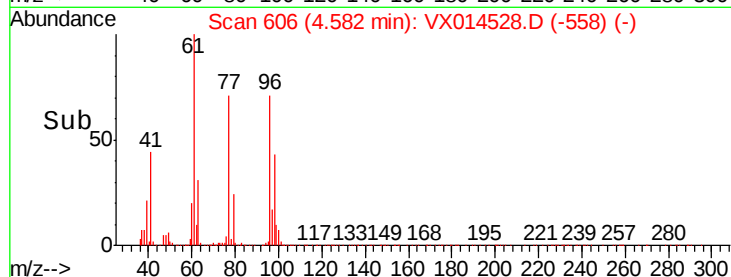
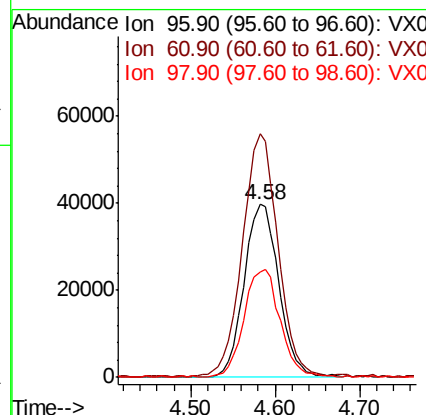
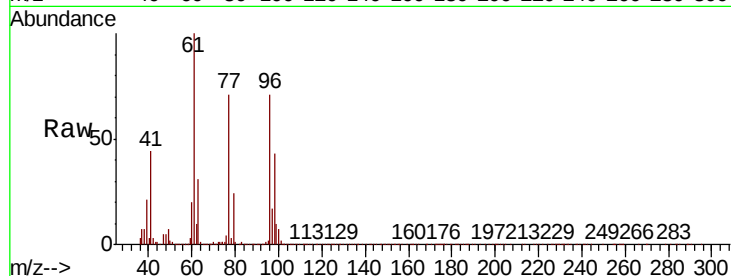
cis-1,2-Dichloroethene
Concen: 19.517 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	285.4
98	63.3	0.0	130.6

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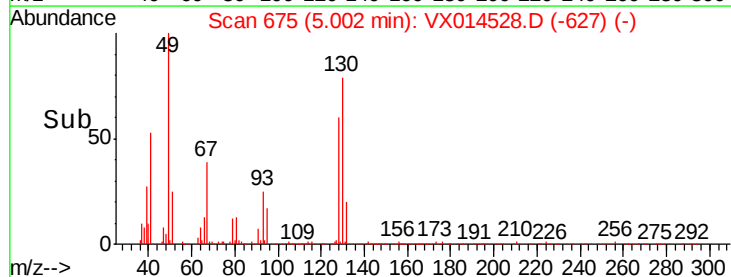
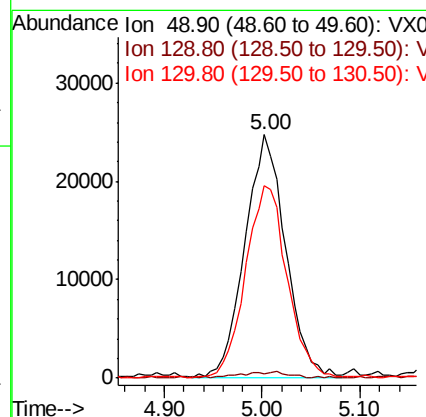
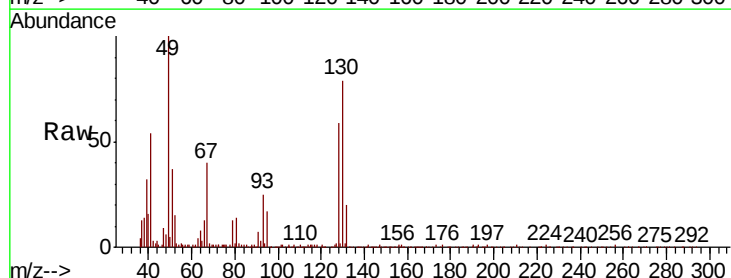
MMDadoda
1/13/2020 11:34:45 AM



#28

Bromochloromethane
Concen: 19.872 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	79.5	67.0	100.4





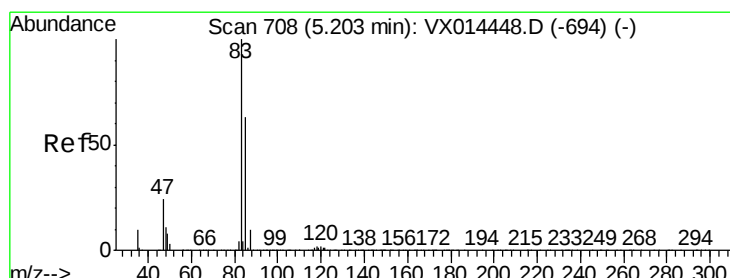
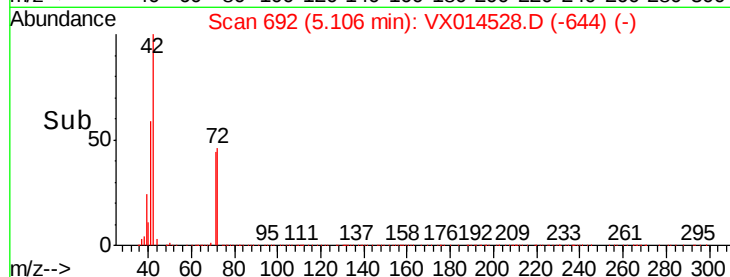
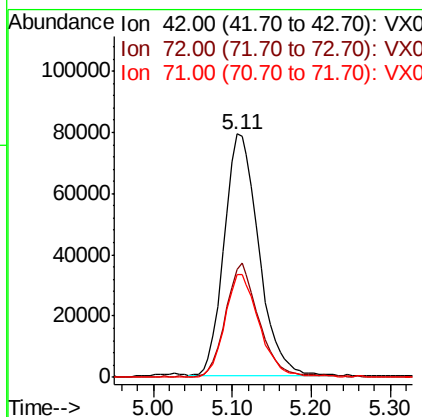
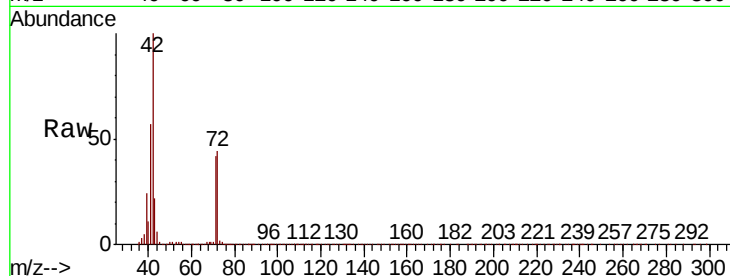
#29
Tetrahydrofuran
Concen: 104.027 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.2	54.4
71	41.8	34.1	51.1

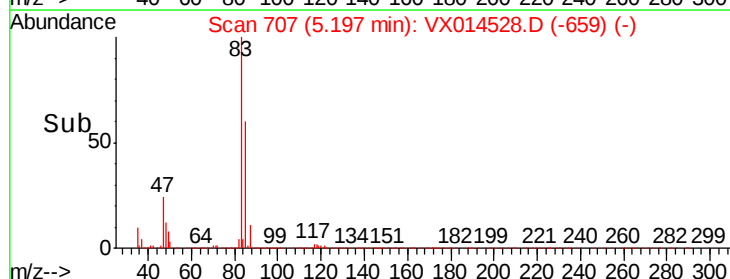
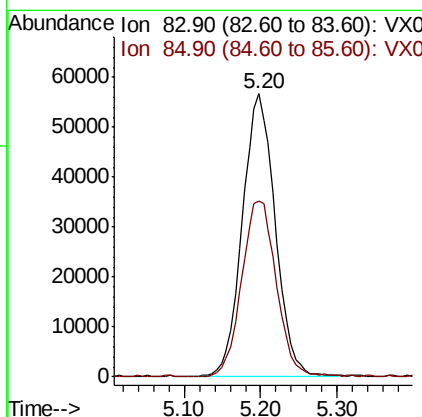
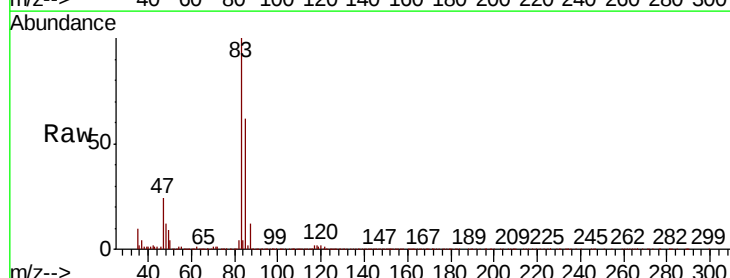
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#30
Chloroform
Concen: 20.087 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.6	75.8





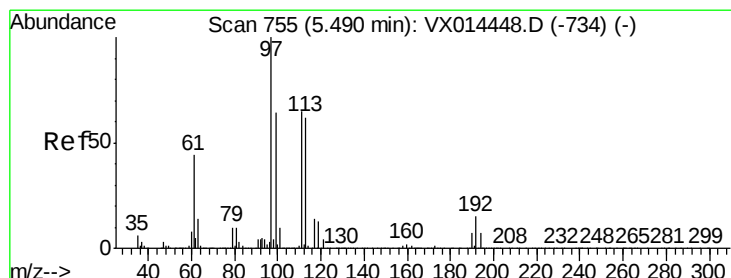
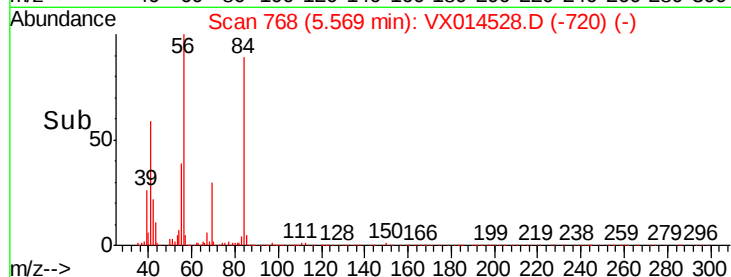
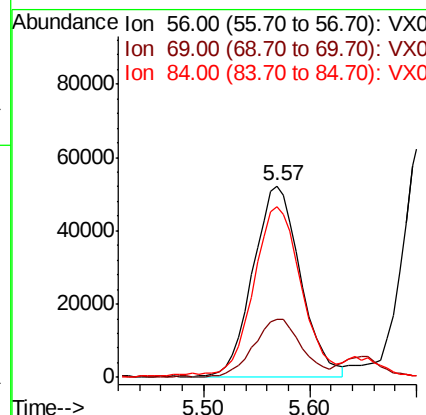
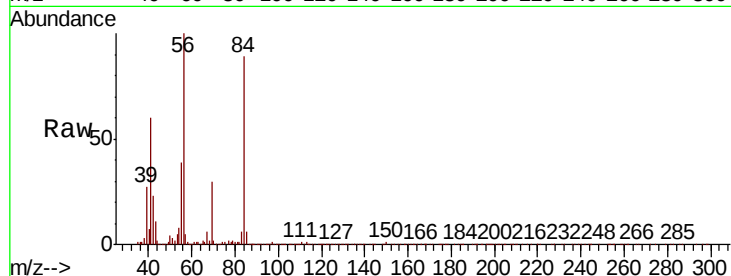
#31
Cyclohexane
Concen: 20.008 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.4	36.6
84	87.9	70.6	106.0

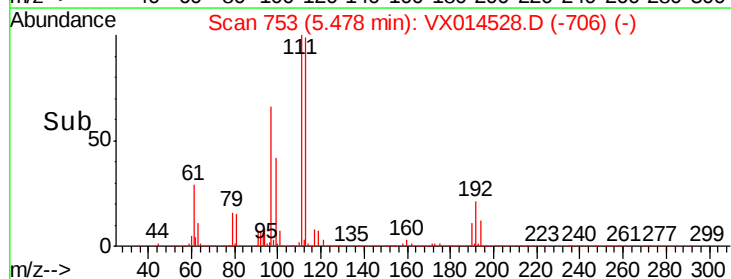
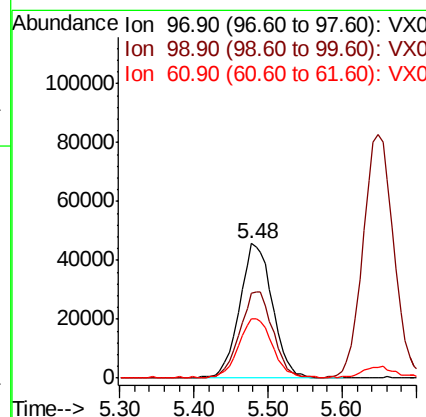
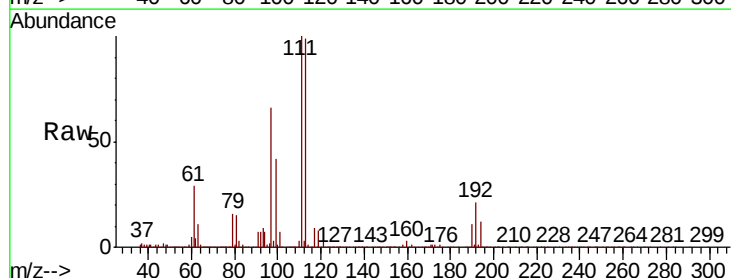
Manual Integrations
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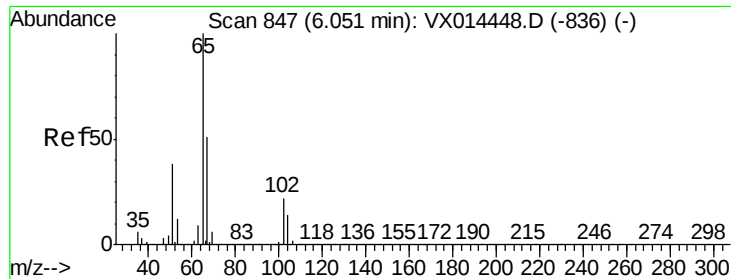
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#32
1,1,1-Trichloroethane
Concen: 19.607 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	46.5	35.9	53.9





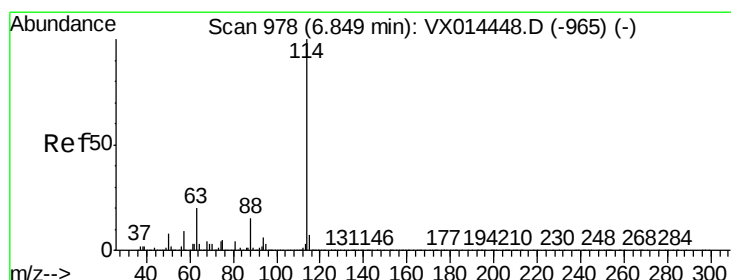
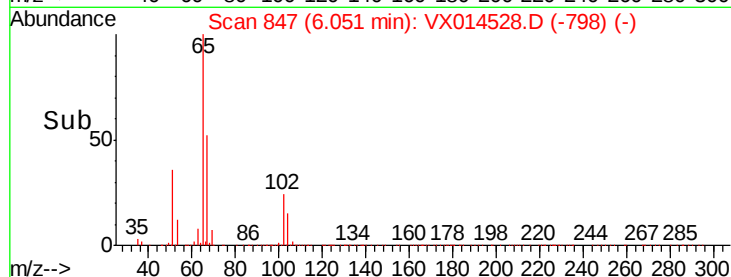
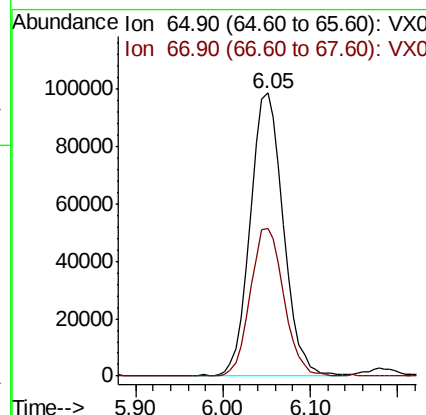
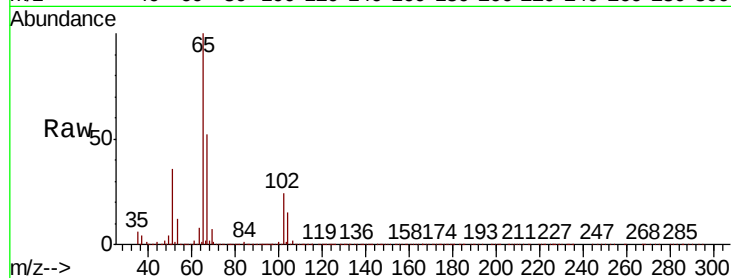
#33
 1,2-Dichloroethane-d4
 Concen: 49.371 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.2

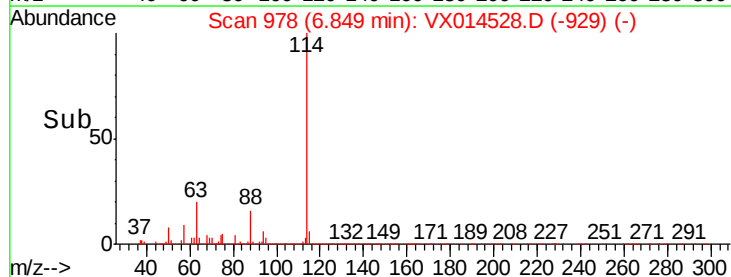
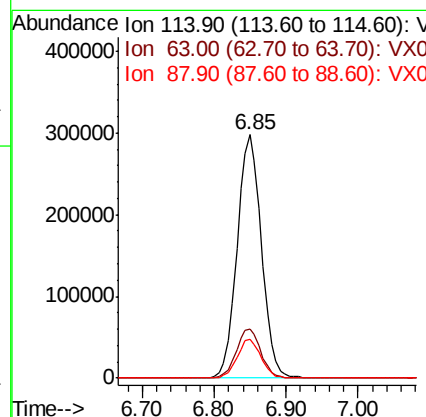
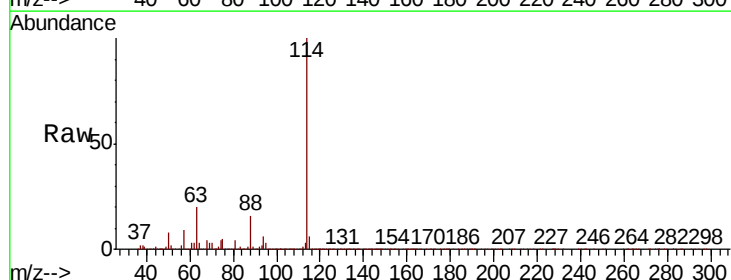
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	15.7	0.0	30.8





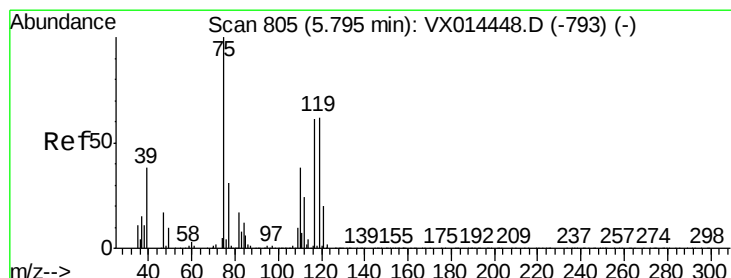
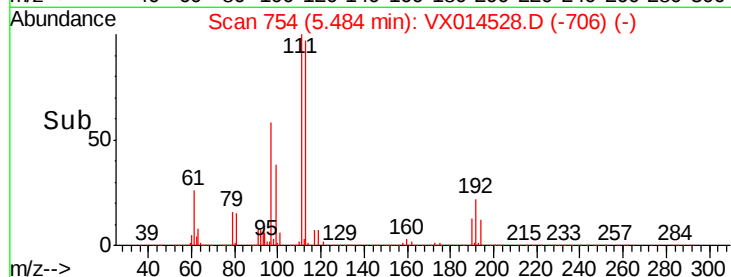
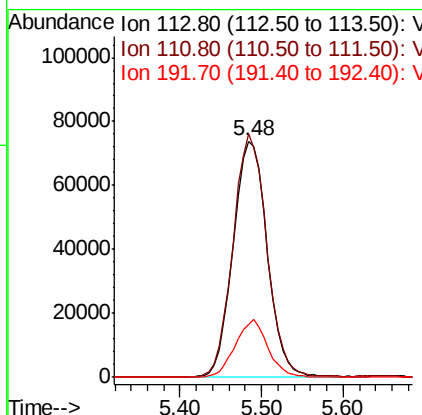
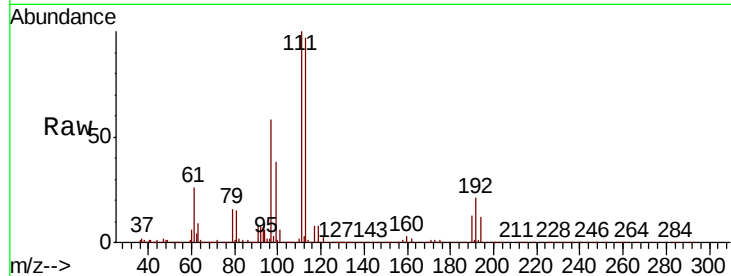
#35
Dibromofluoromethane
Concen: 50.414 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.4	19.2	28.8

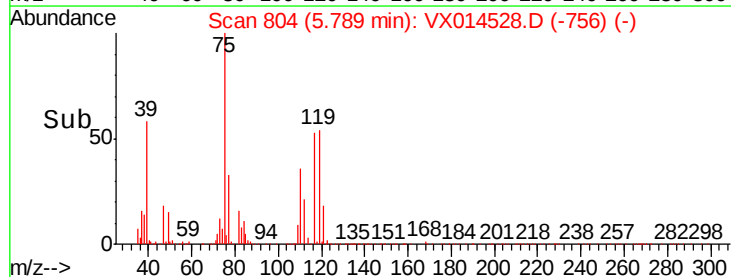
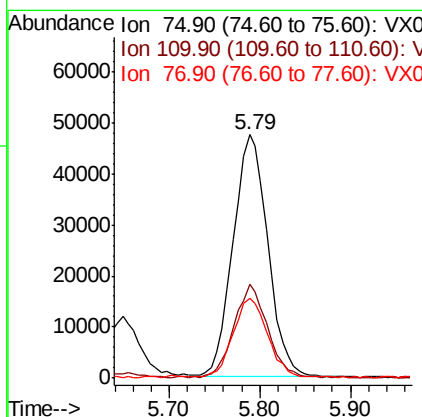
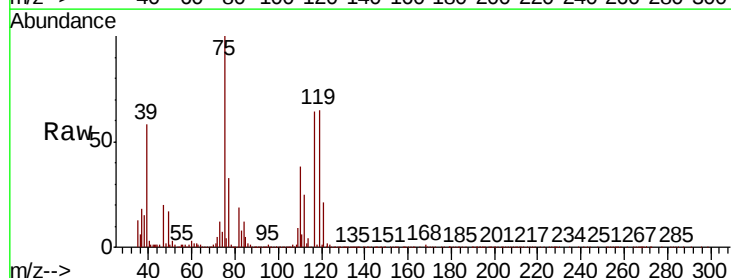
Manual Integrations
APPROVED

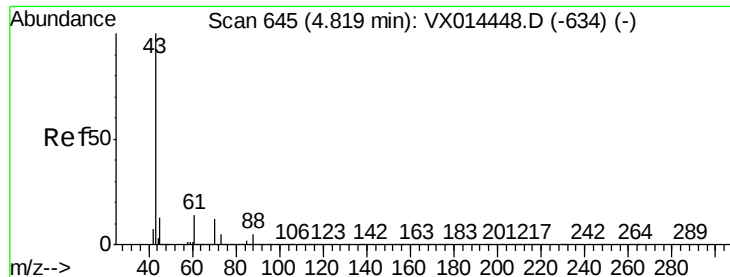
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#36
1,1-Dichloropropene
Concen: 19.269 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.6	55.8
77	32.3	24.5	36.7





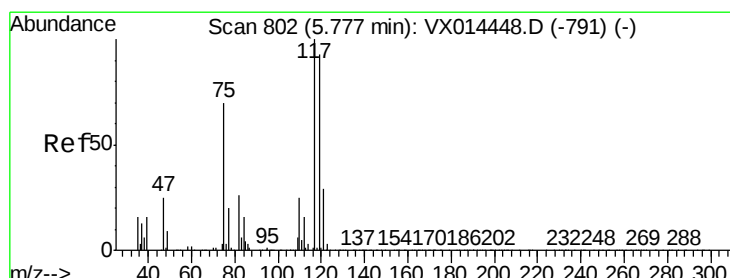
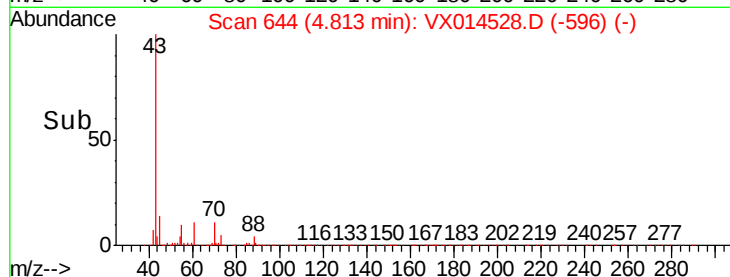
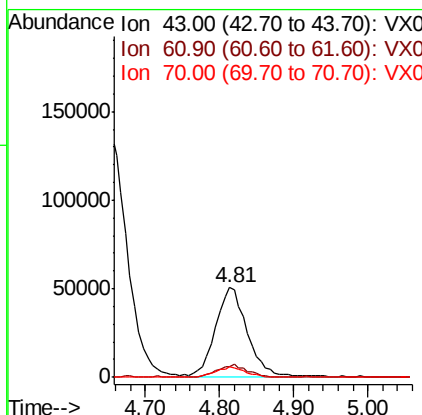
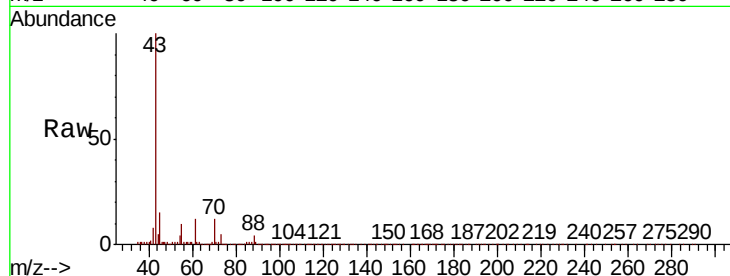
#37
Ethyl Acetate
Concen: 20.664 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	11.0	8.9	13.3

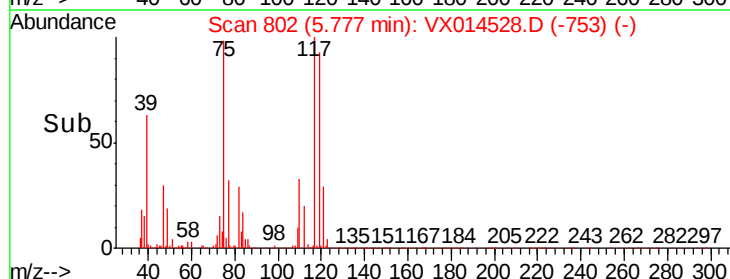
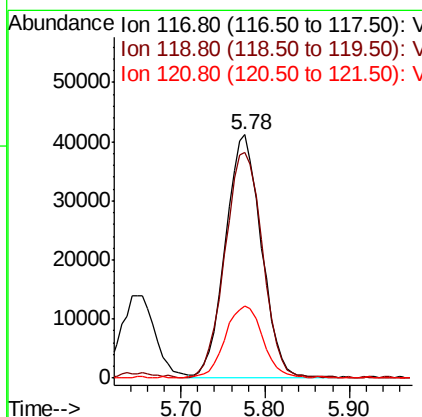
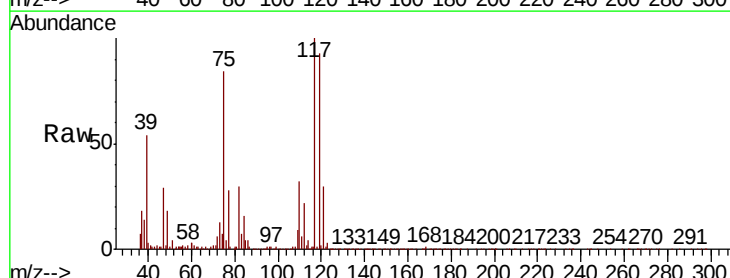
Manual Integrations
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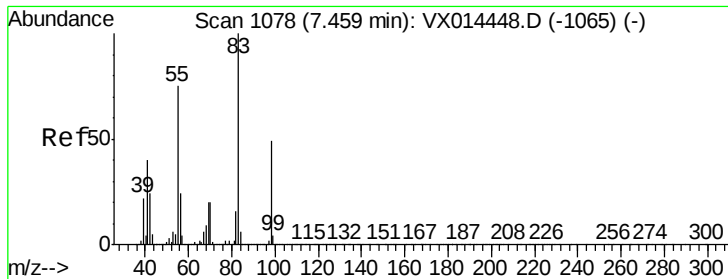
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#38
Carbon Tetrachloride
Concen: 19.750 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	73.8	110.8
121	29.5	23.4	35.0





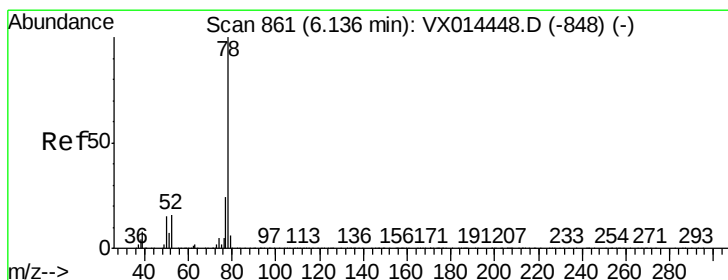
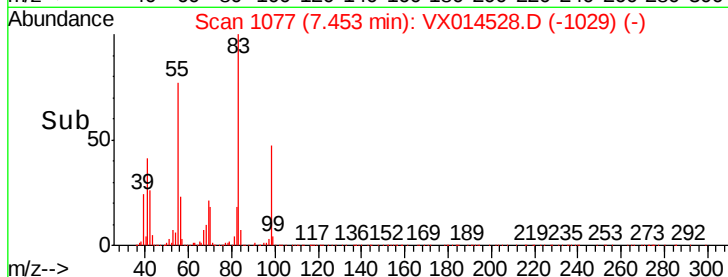
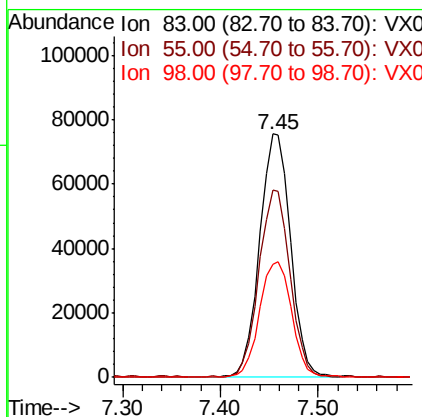
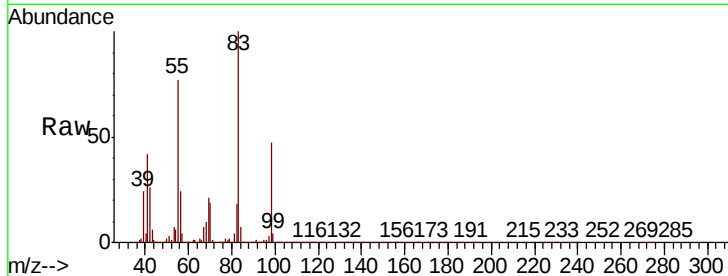
#39
Methvlcvclohexane
Concen: 20.170 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	59.7	89.5
98	46.4	39.1	58.7

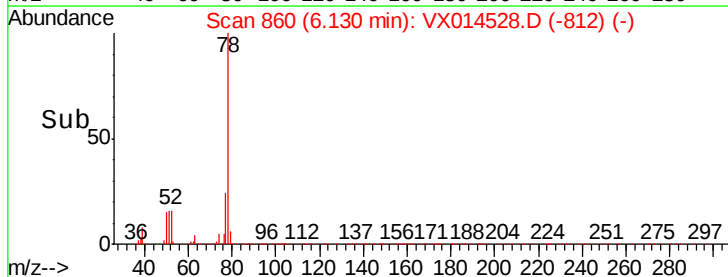
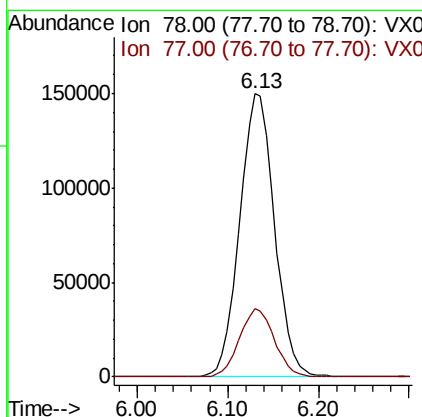
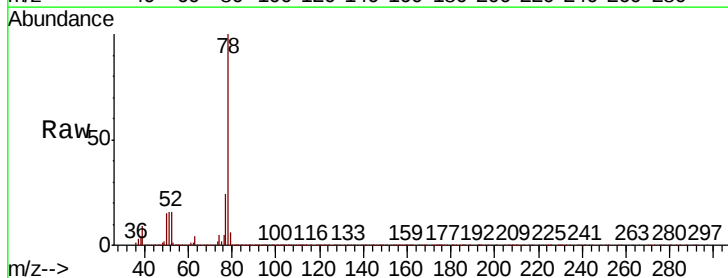
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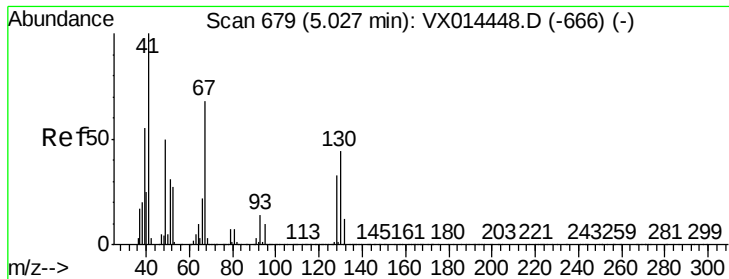
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#40
Benzene
Concen: 20.466 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





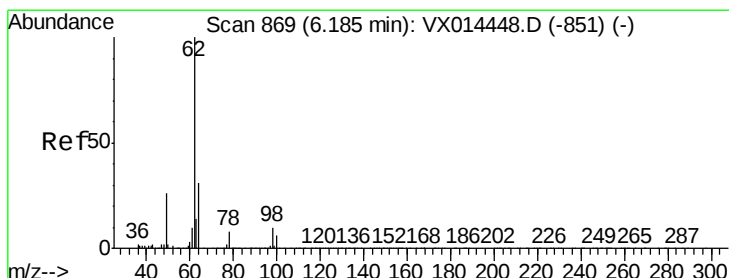
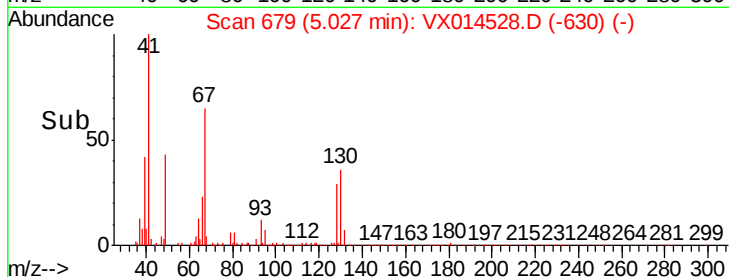
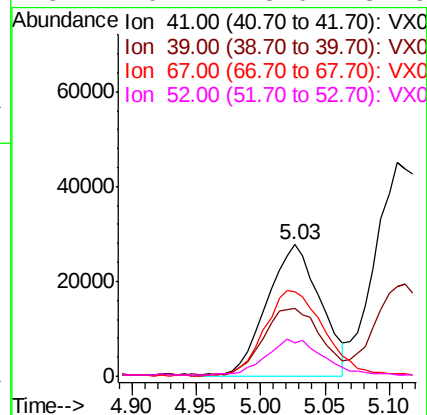
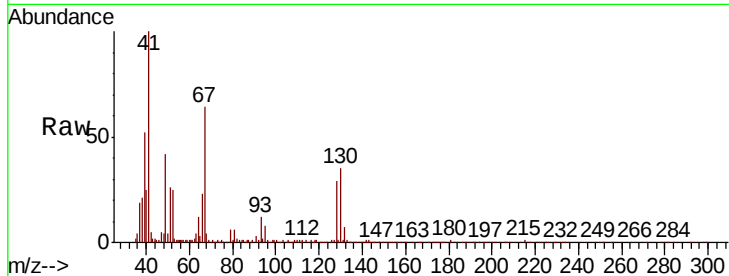
#41
Methacrylonitrile
Concen: 21.199 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.4	43.6	65.4
67	71.6	57.9	86.9
52	29.1	23.0	34.6

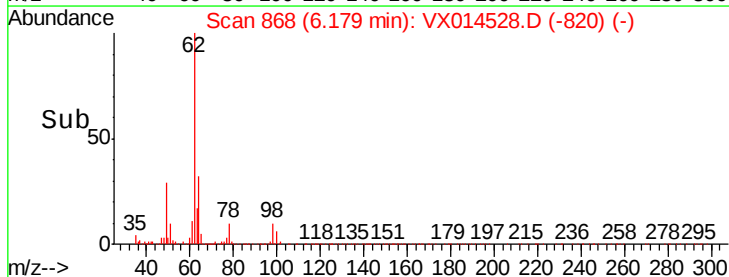
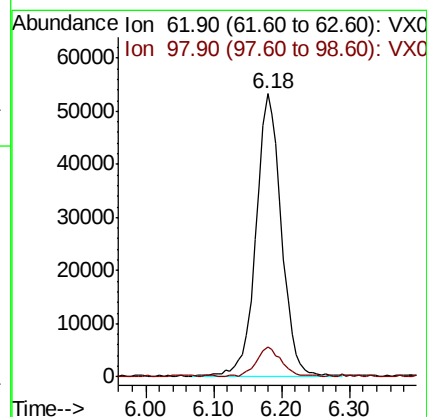
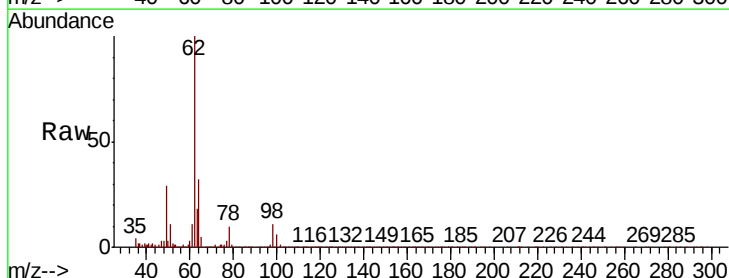
Manual Integrations
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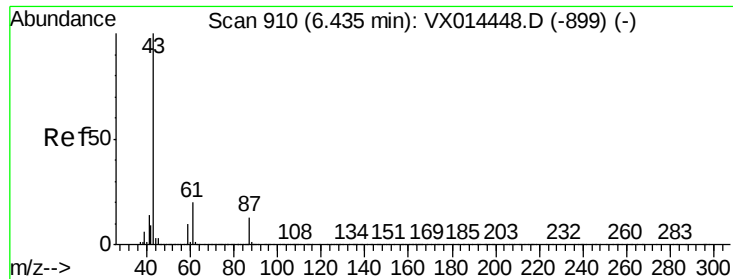
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#42
1,2-Dichloroethane
Concen: 20.350 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.4





#43

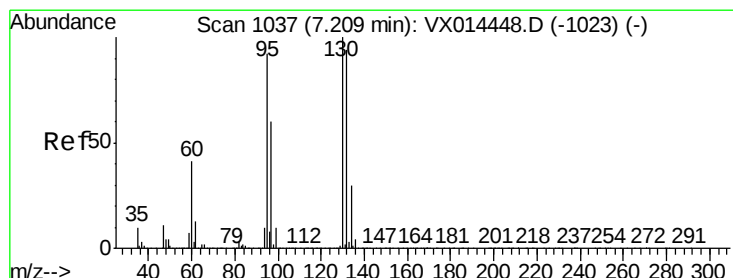
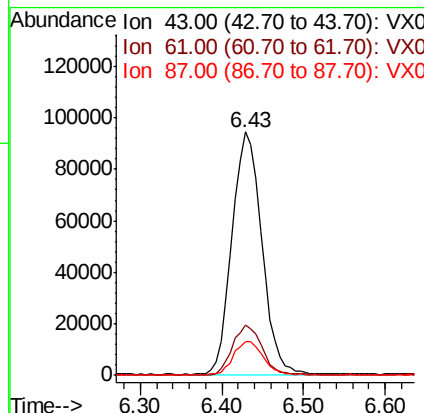
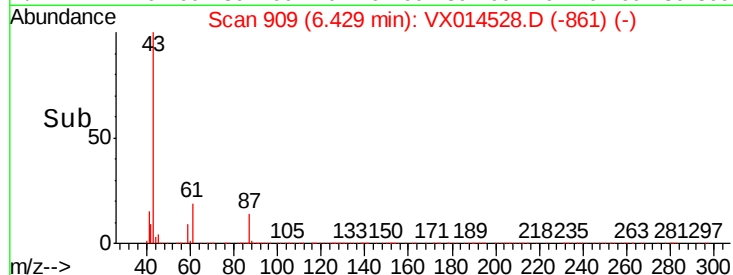
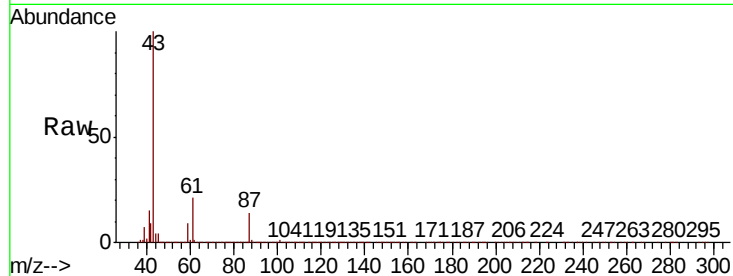
Isopropyl Acetate
 Concen: 20.672 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	14.0	10.8	16.2

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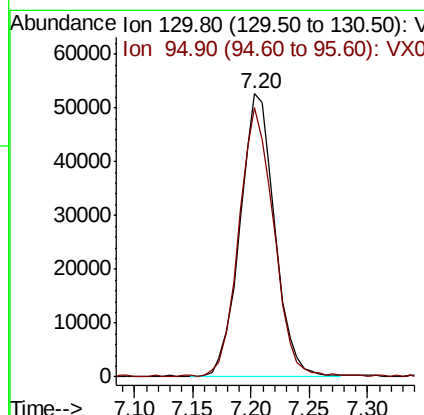
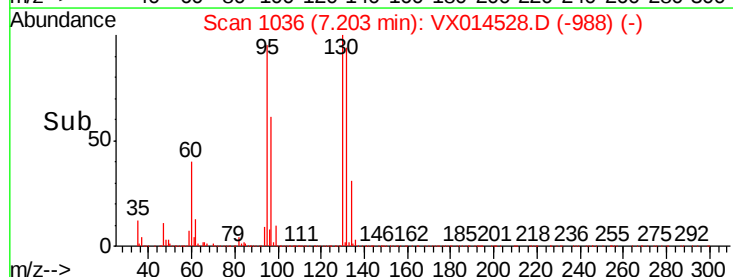
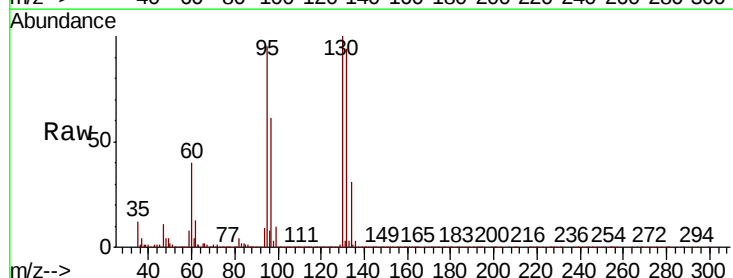
MMDadoda
 1/13/2020 11:34:45 AM

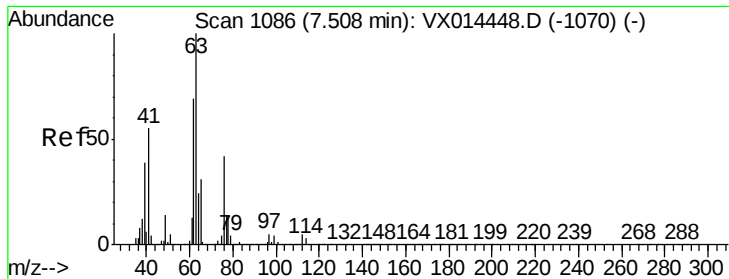


#44

Trichloroethene
 Concen: 19.524 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	184.2





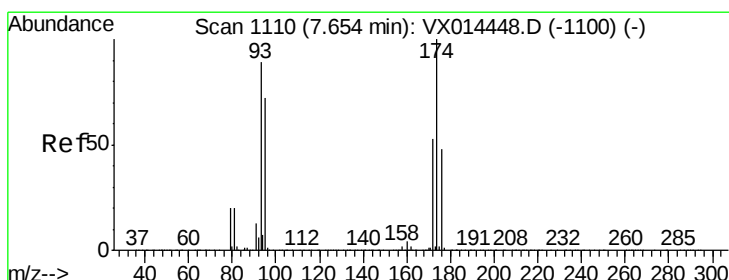
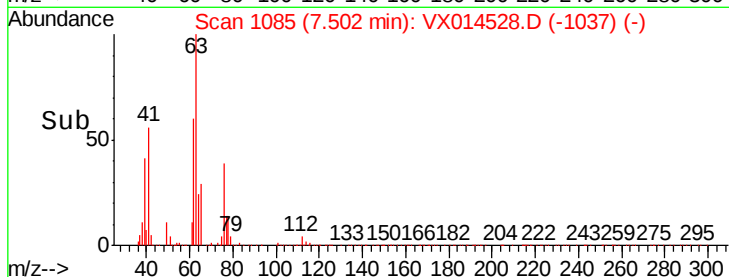
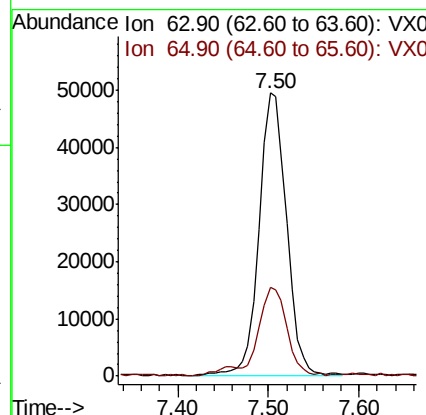
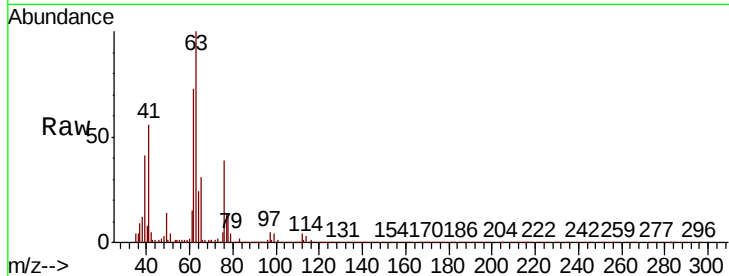
#45
 1,2-Dichloropropane
 Concen: 20.775 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.8	37.2

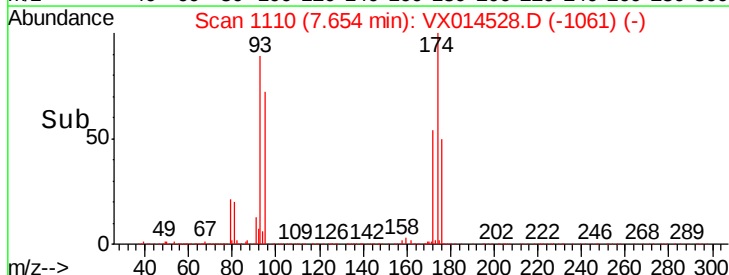
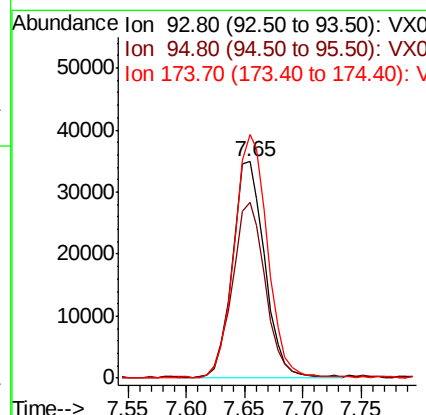
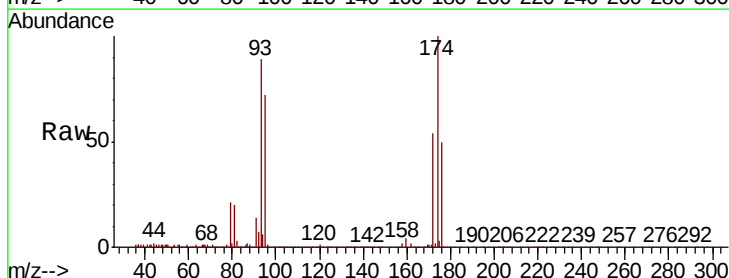
Manual Integrations
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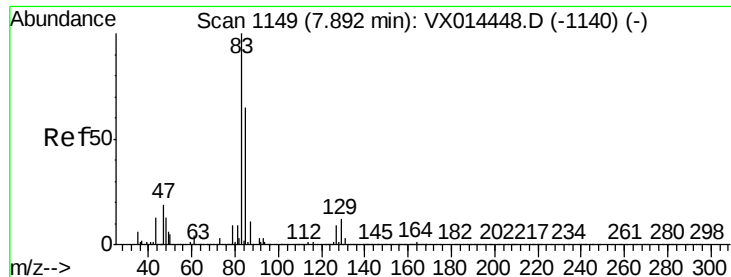
MMDadoda
 1/13/2020 11:34:45 AM



#46
 Dibromomethane
 Concen: 19.548 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.4	98.2
174	115.9	93.0	139.4





#47

Bromodichloromethane

Concen: 20.211 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

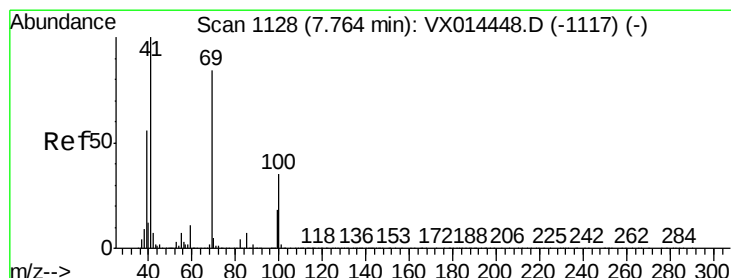
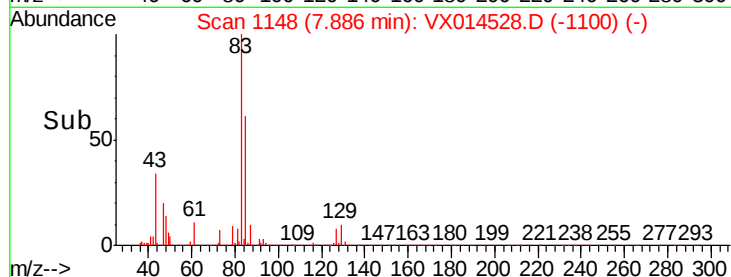
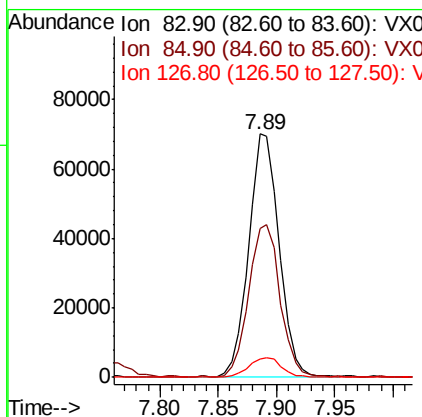
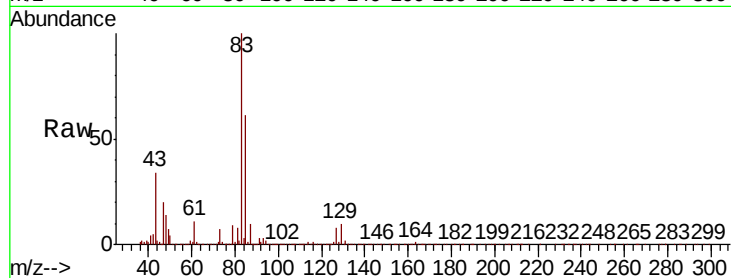
ClientSampleId :

VX0110MBSD01

Tot Ion:	83	Resp:	127321
Ion Ratio	Lower	Upper	
83	100		
85	61.4	51.7	77.5
127	7.7	7.1	10.7

Manual Integrations
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MMDadoda
1/13/2020 11:34:45 AM



#48

Methyl methacrylate

Concen: 21.176 ug/l

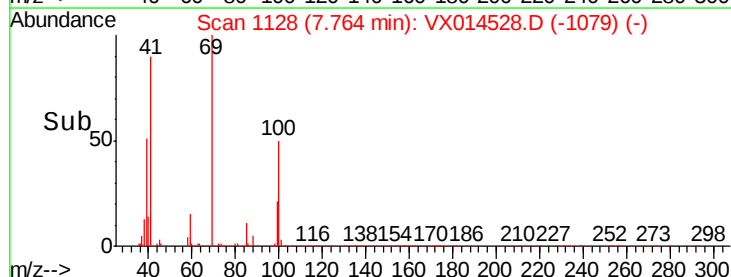
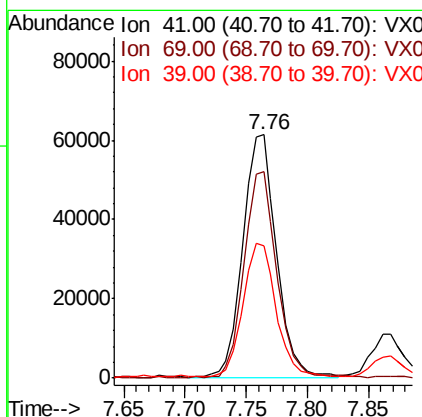
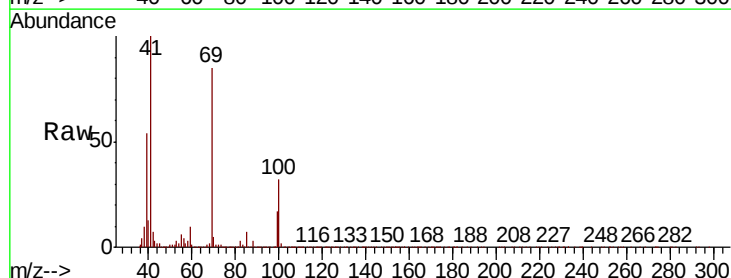
RT: 7.76 min Scan# 1128

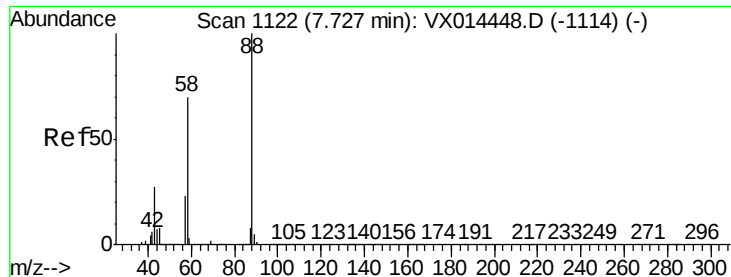
Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion:	41	Resp:	116662
Ion Ratio	Lower	Upper	
41	100		
69	82.4	65.5	98.3
39	53.8	43.9	65.9





#49

1,4-Dioxane

Concen: 430.742 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

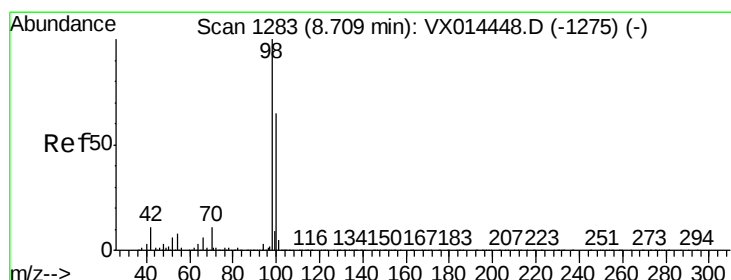
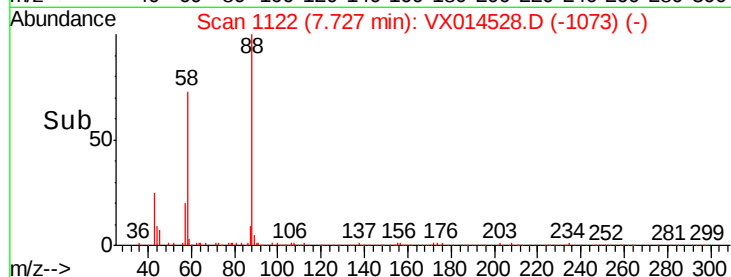
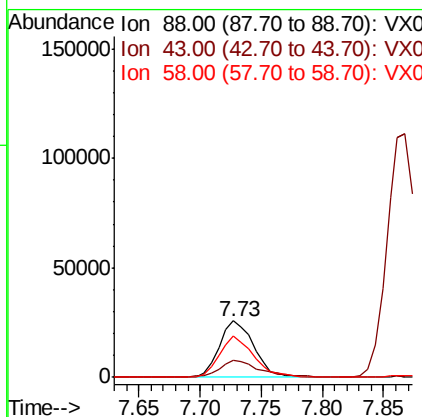
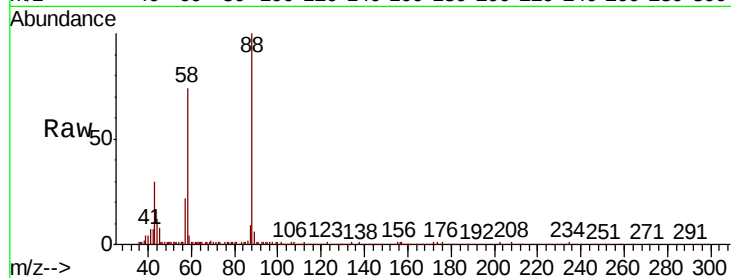
ClientSampleId :

VX0110MBSD01

Tot Ion:	88	Resp:	50282
Ion Ratio	Lower	Upper	
88	100		
43	37.4	27.4	41.0
58	70.2	57.1	85.7

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#50

Toluene-d8

Concen: 50.196 ug/l

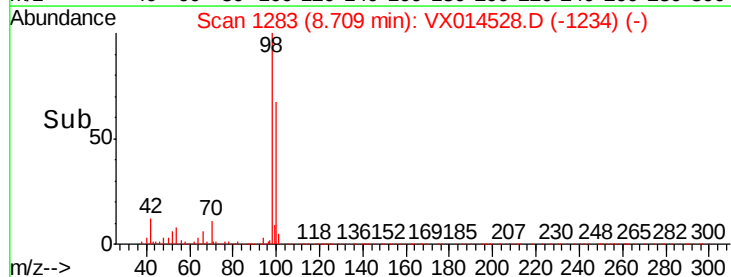
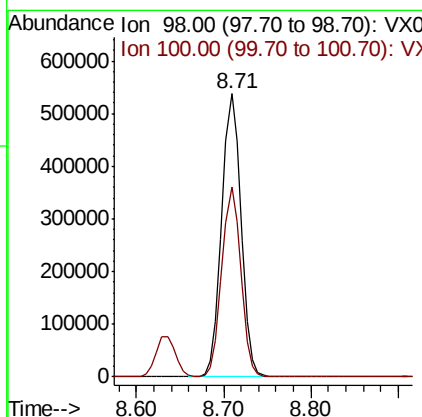
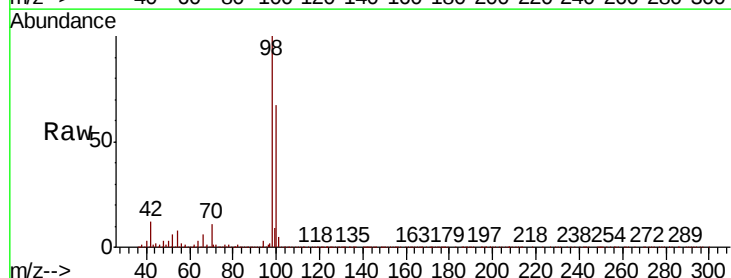
RT: 8.71 min Scan# 1283

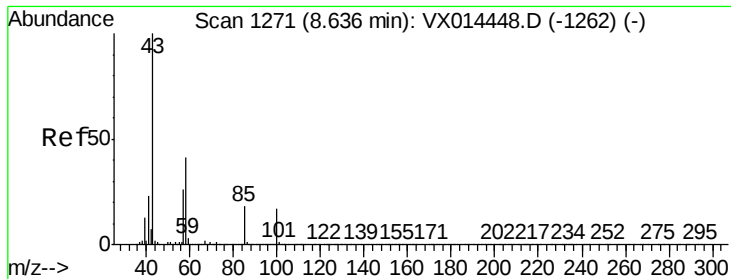
Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion:	98	Resp:	821970
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 106.549 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 43 Resp: 746845

Ion Ratio Lower Upper

43 100

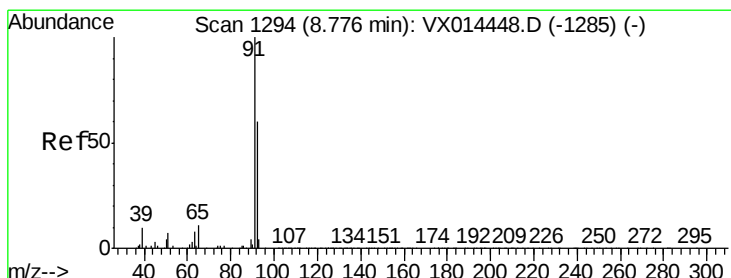
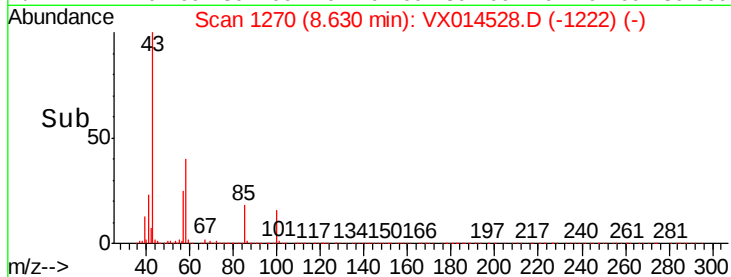
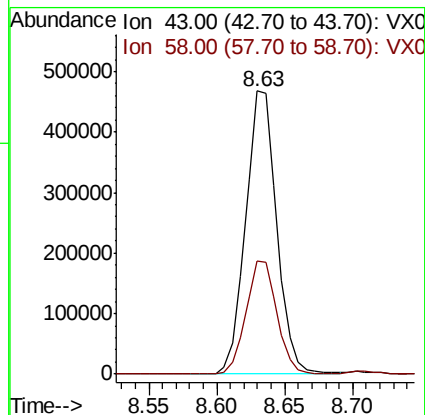
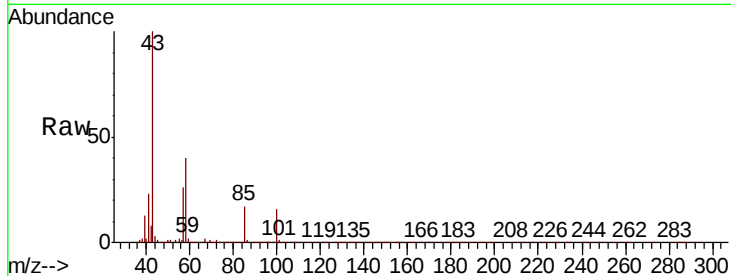
58 39.9 32.4 48.6

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#52

Toluene

Concen: 20.238 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014528.D

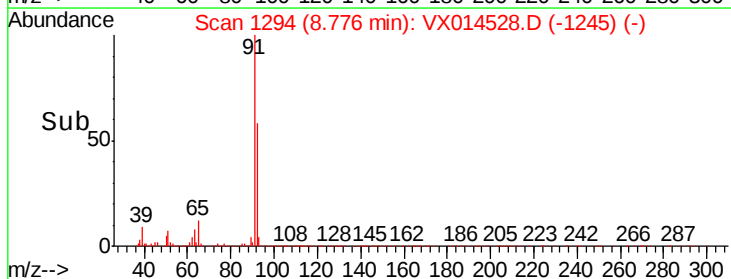
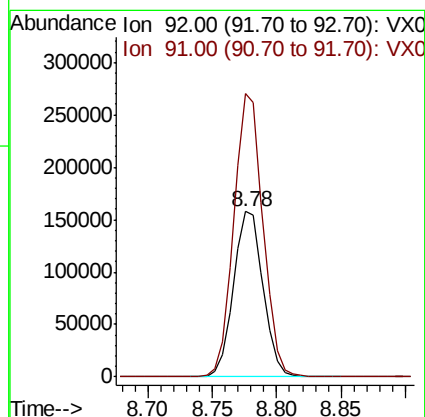
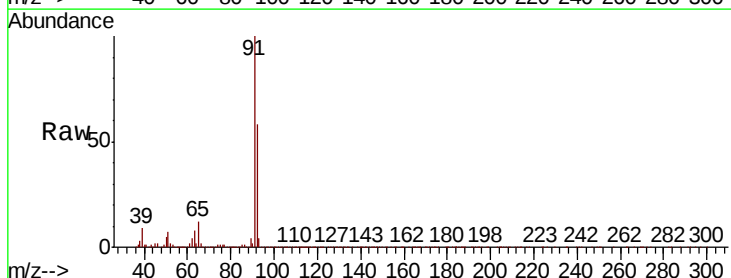
Acq: 10 Jan 2020 11:43

Tgt Ion: 92 Resp: 252063

Ion Ratio Lower Upper

92 100

91 169.1 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 19.306 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 75 Resp: 141595

Ion Ratio Lower Upper

75 100

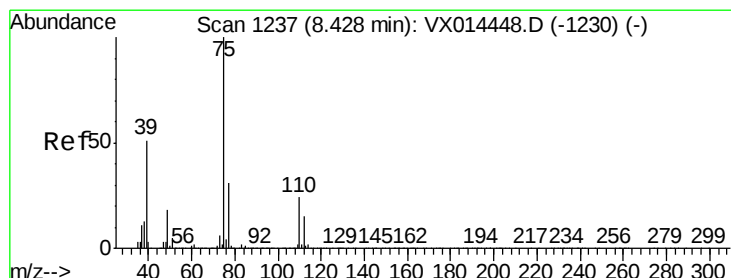
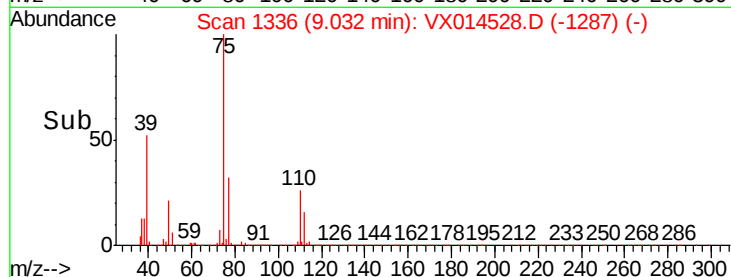
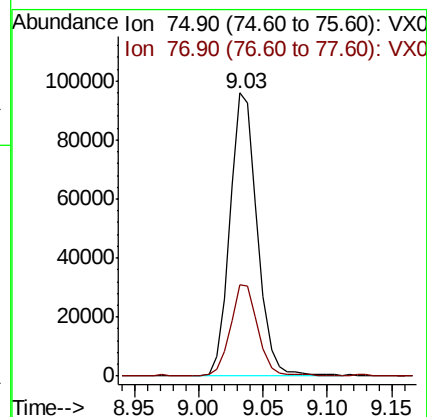
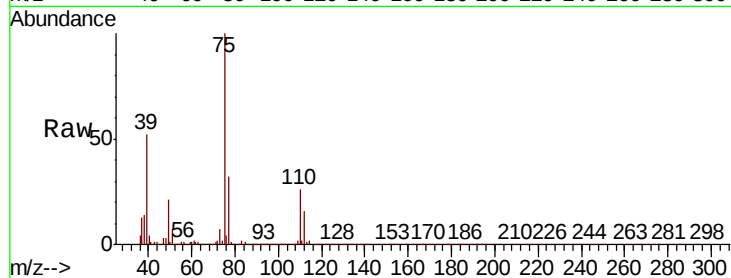
77 32.4 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.382 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

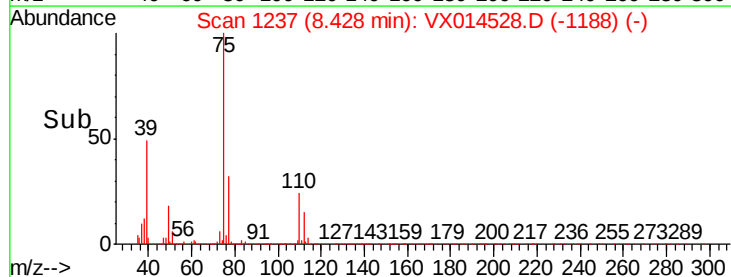
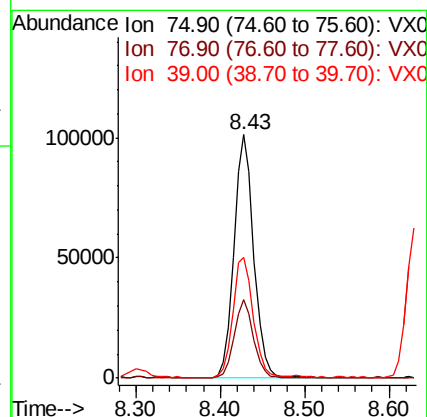
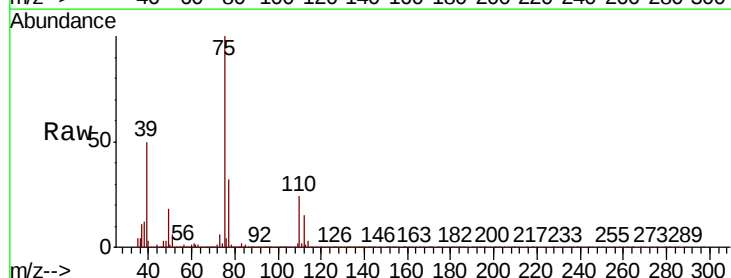
Tgt Ion: 75 Resp: 161478

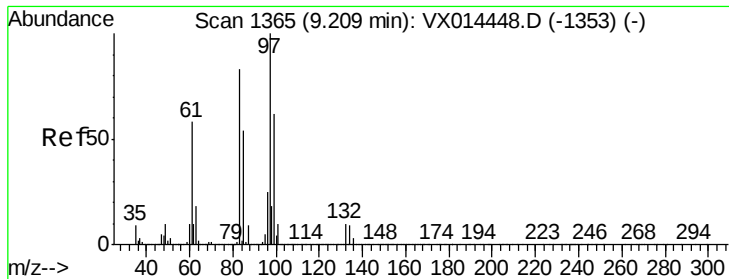
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 49.5 40.7 61.1





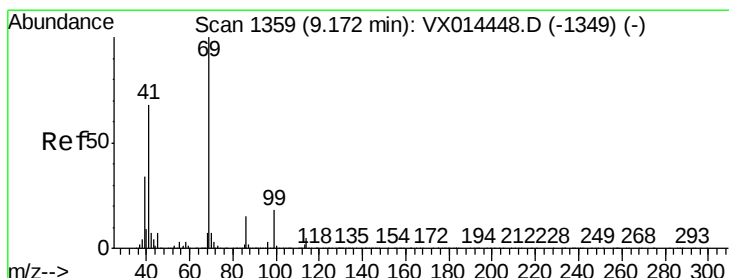
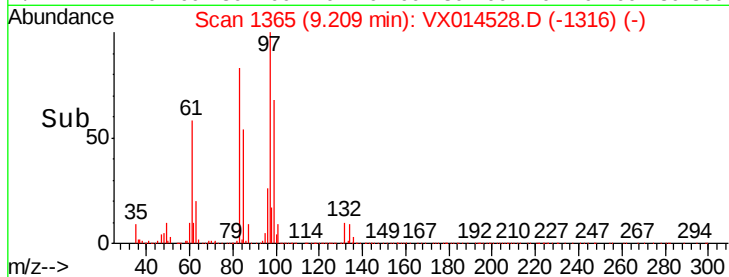
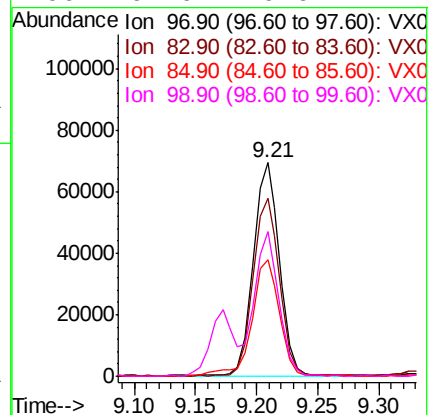
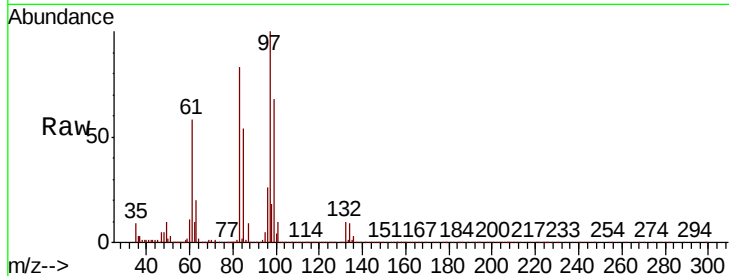
#55
 1,1,2-Trichloroethane
 Concen: 20.746 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		103784		
83	83.2	66.4	99.6		
85	54.0	43.4	65.2		
99	67.6	49.6	74.4		

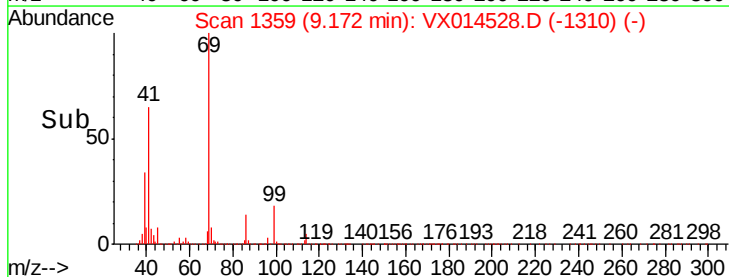
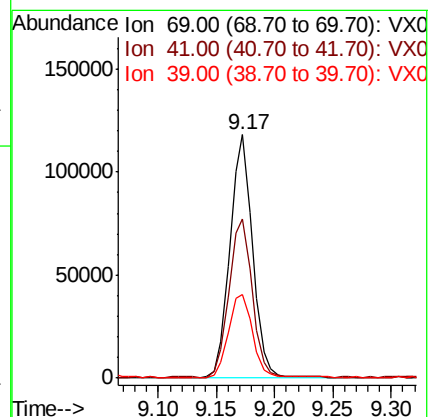
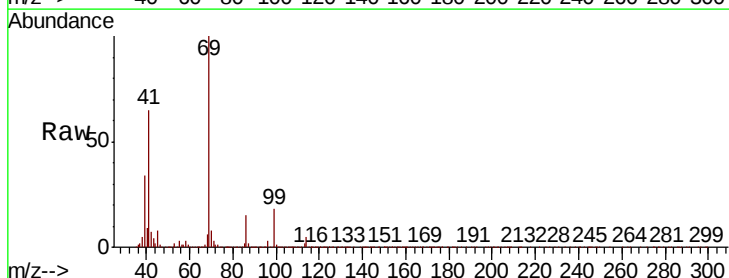
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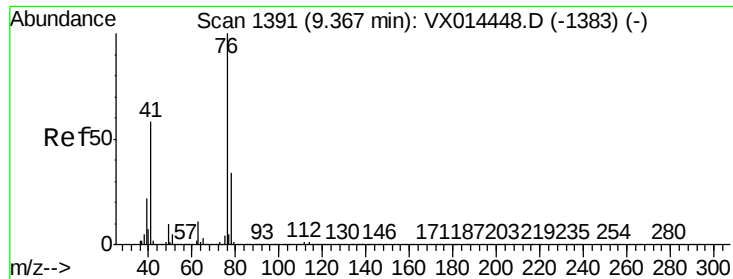
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 1/13/2020 11:34:45 AM



#56
 Ethyl methacrylate
 Concen: 20.763 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		159133		
41	66.7	54.2	81.2		
39	35.9	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 20.755 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 76 Resp: 173606

Ion Ratio Lower Upper

76 100

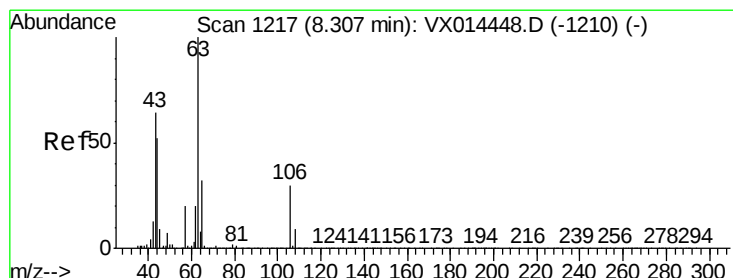
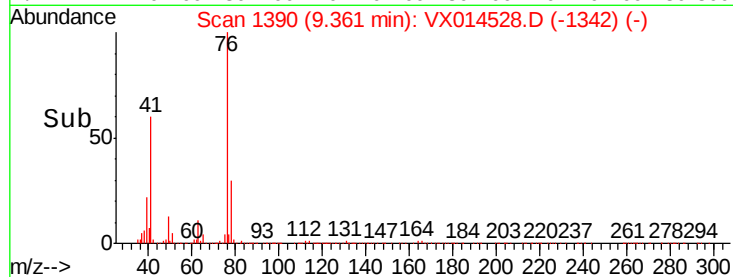
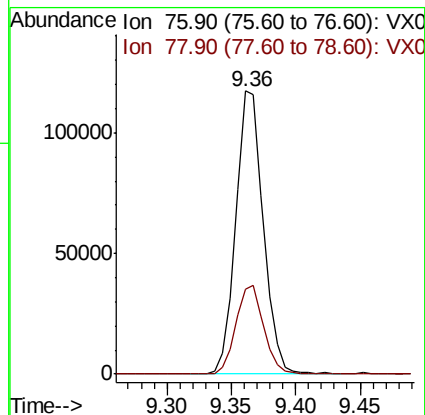
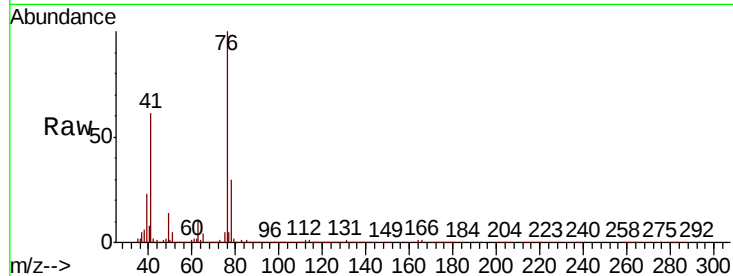
78 31.9 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 100.645 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014528.D

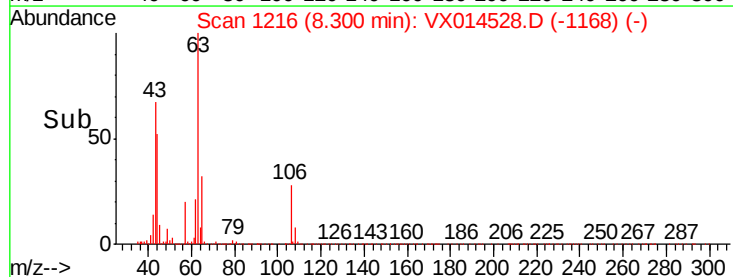
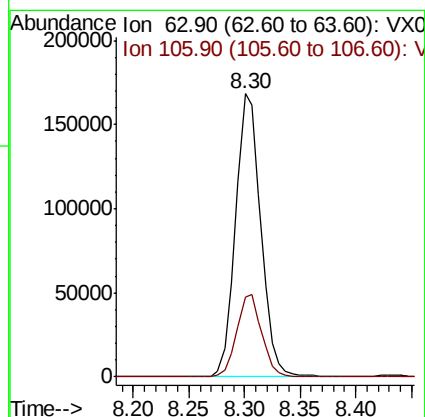
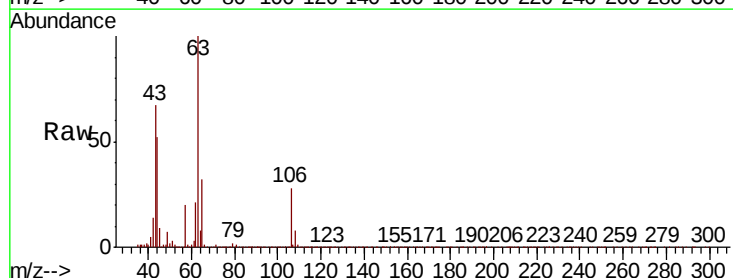
Acq: 10 Jan 2020 11:43

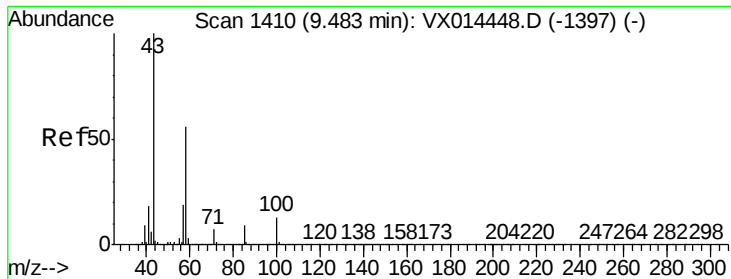
Tgt Ion: 63 Resp: 262443

Ion Ratio Lower Upper

63 100

106 28.7 23.6 35.4





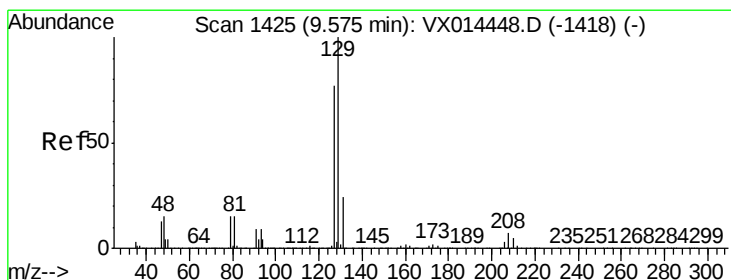
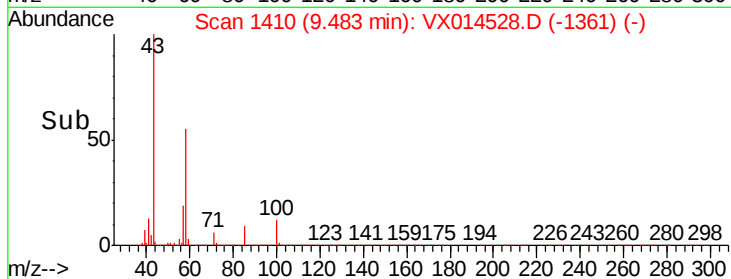
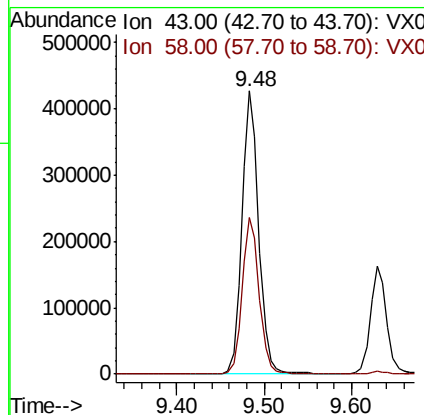
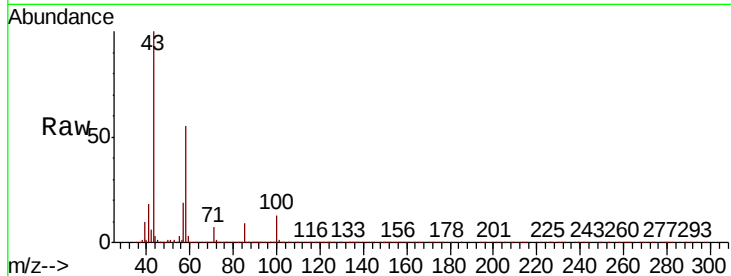
#59
2-Hexanone
Concen: 103.213 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion: 43 Resp: 572432
Ion Ratio Lower Upper
43 100
58 56.0 27.9 83.7

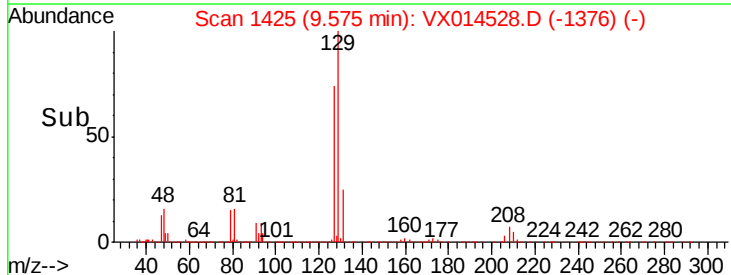
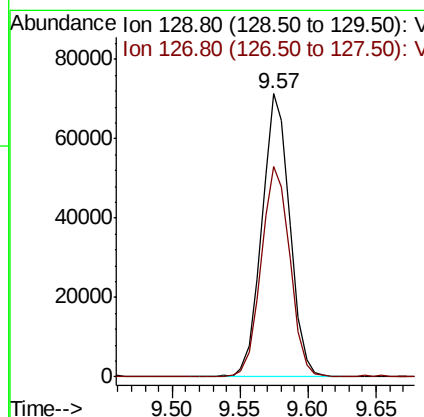
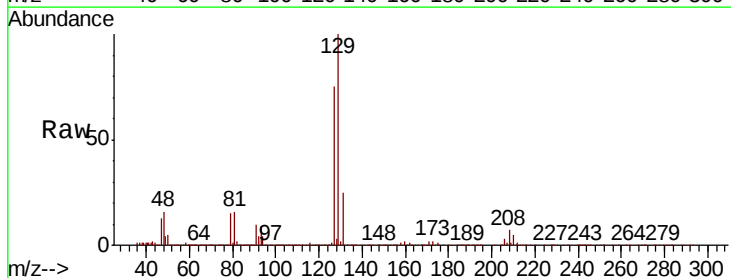
Manual Integrations
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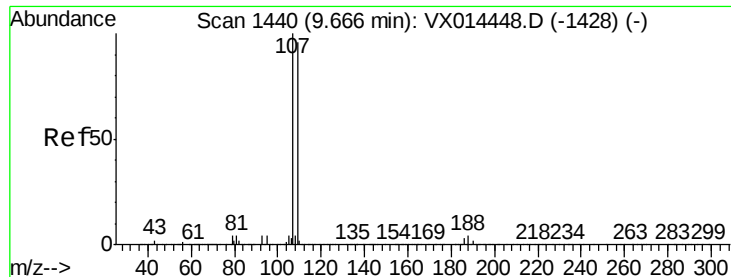
MMDadoda
1/13/2020 11:34:45 AM



#60
Dibromochloromethane
Concen: 20.373 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 129 Resp: 102438
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





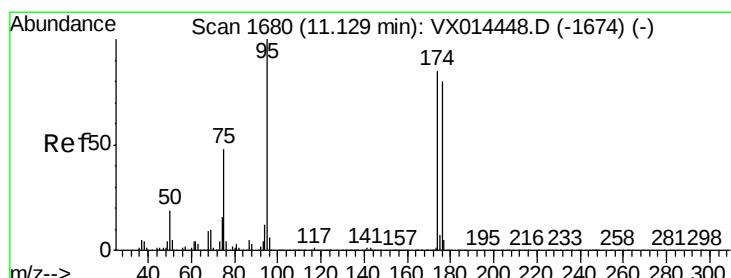
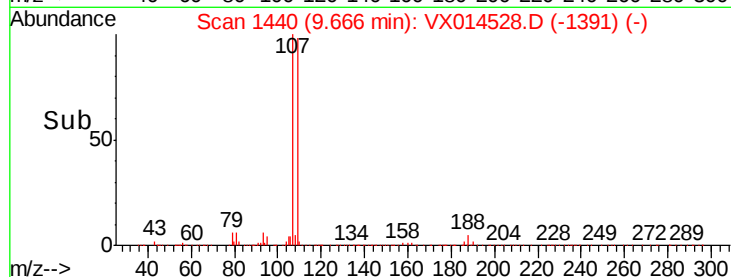
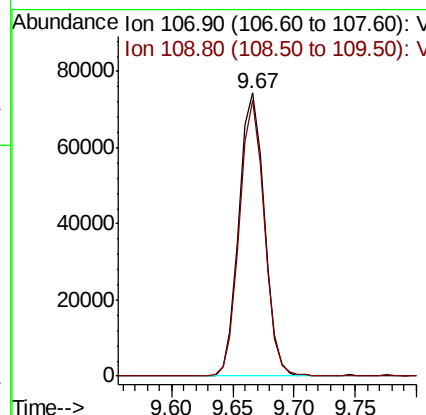
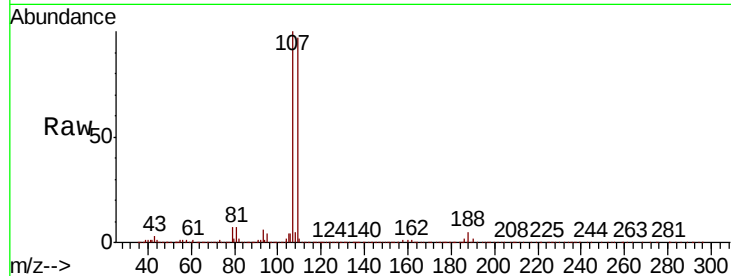
#61
 1,2-Dibromoethane
 Concen: 20.121 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.5	114.7

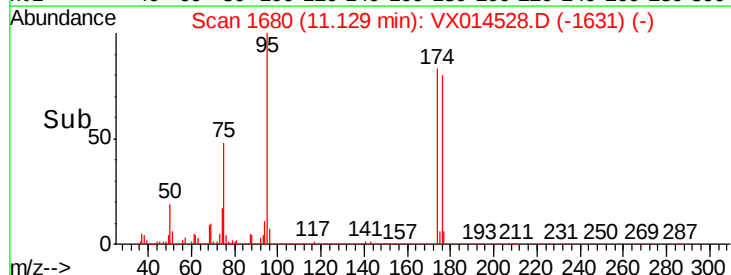
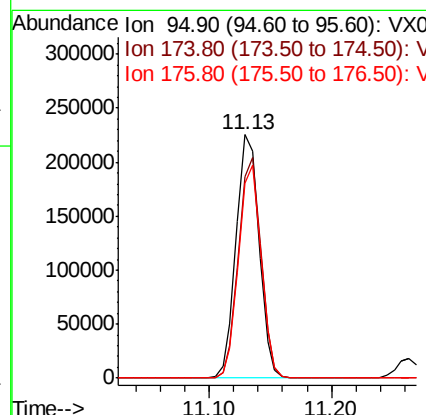
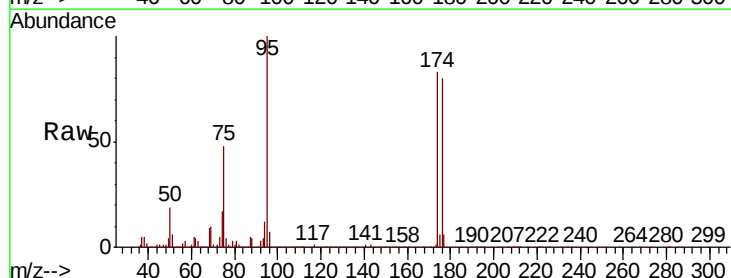
Manual Integrations
 APPROVED

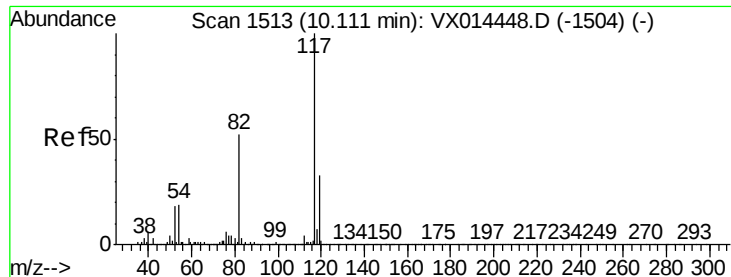
MMDadoda
 1/13/2020 11:34:45 AM



#62
 4-Bromofluorobenzene
 Concen: 48.485 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	180.8
176	86.2	0.0	172.8





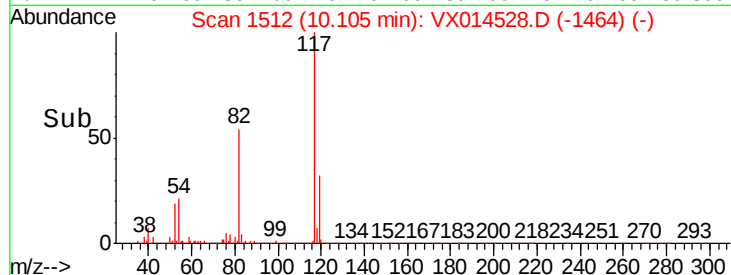
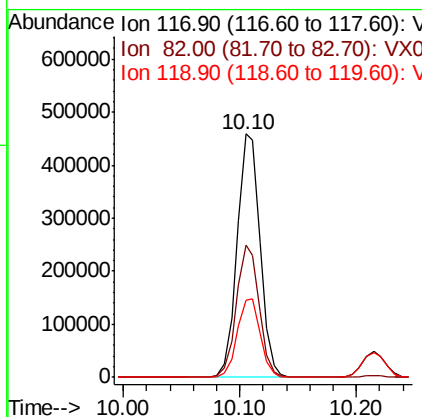
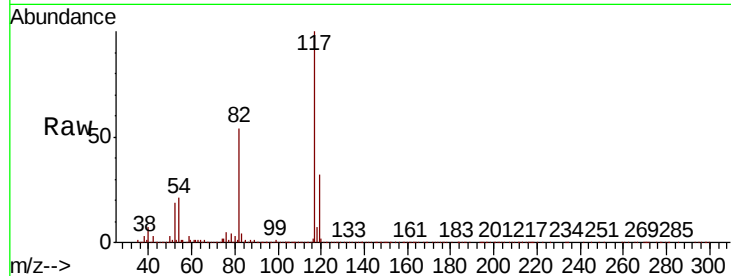
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.1	41.8	62.6
119	31.9	26.2	39.4

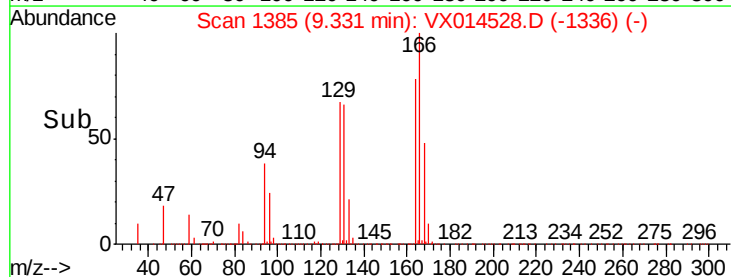
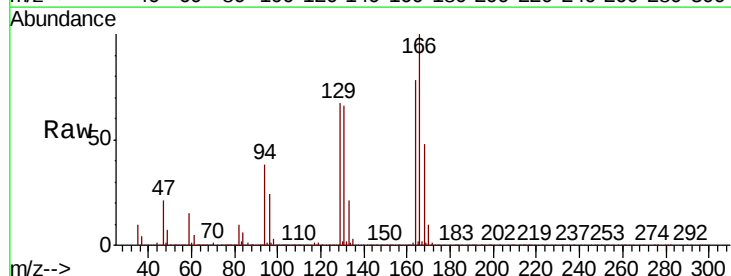
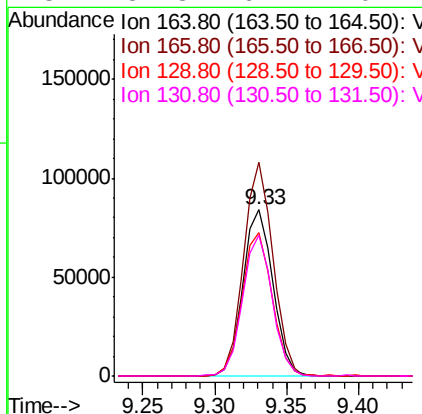
Manual Integrations
APPROVED

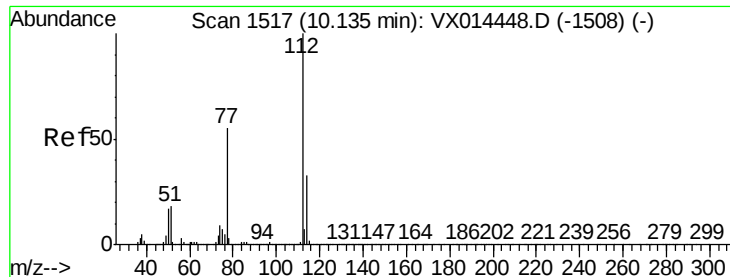
MMDadoda
1/13/2020 11:34:45 AM



#64
Tetrachloroethene
Concen: 19.183 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.4	101.2	151.8
129	85.9	68.3	102.5
131	84.3	67.4	101.2





#65

Chlorobenzene

Concen: 19.659 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion:112 Resp: 268701

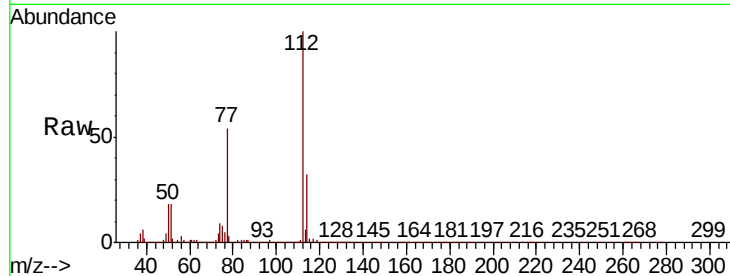
Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.4

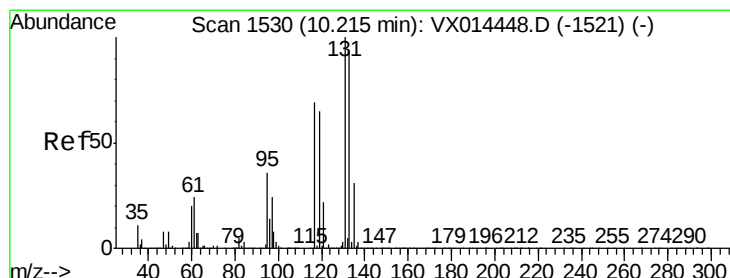
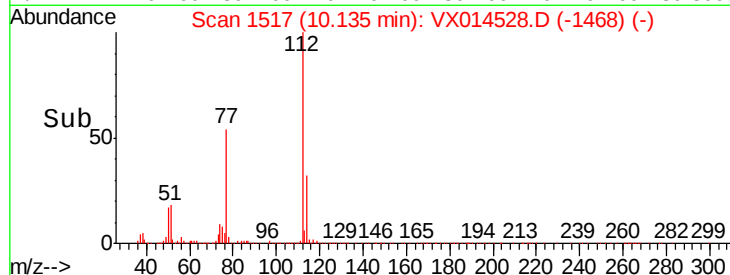
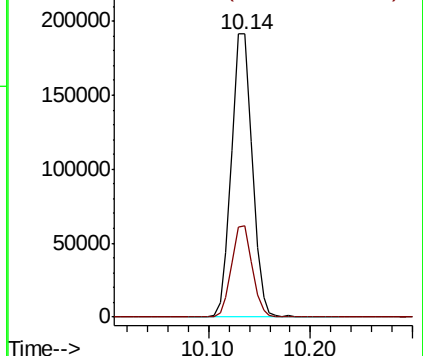
Manual Integrations
APPROVED

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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: 19.877 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

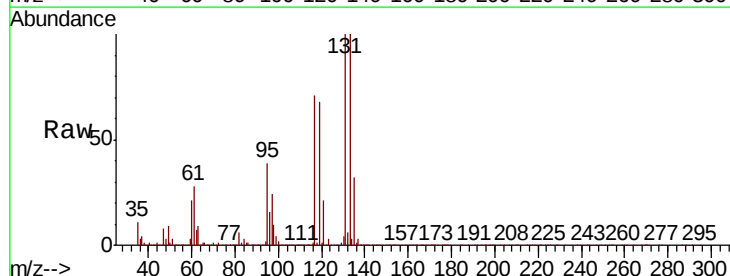
Tgt Ion:131 Resp: 96957

Ion Ratio Lower Upper

131 100

133 97.2 47.3 142.0

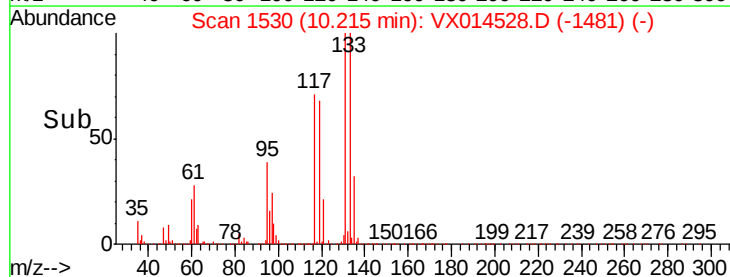
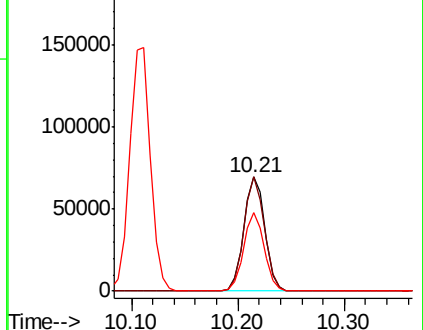
119 66.6 32.8 98.4

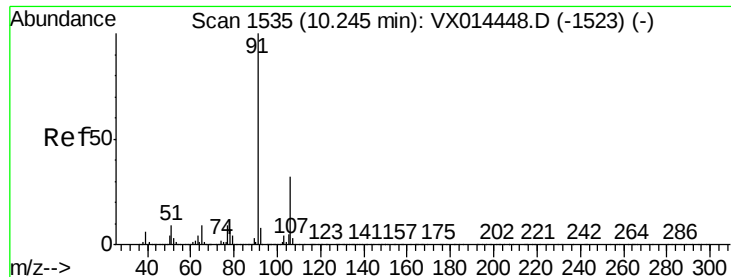


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.027 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 91 Resp: 466573

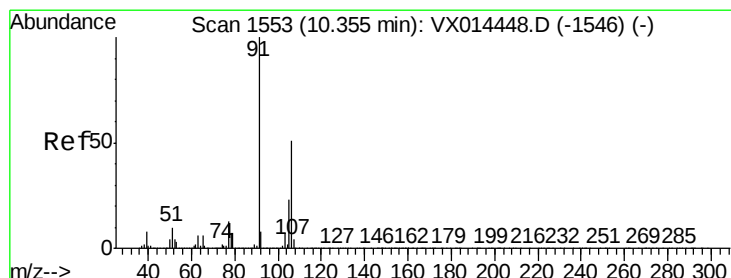
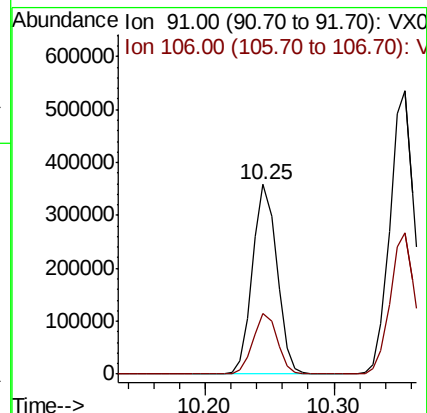
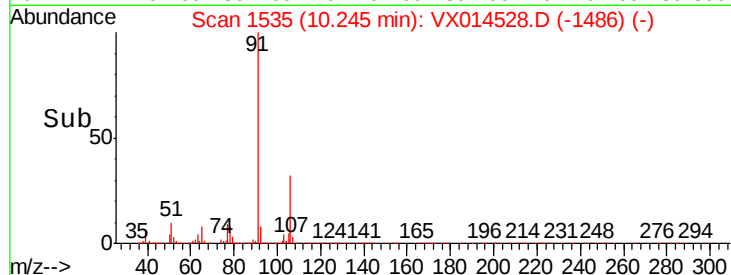
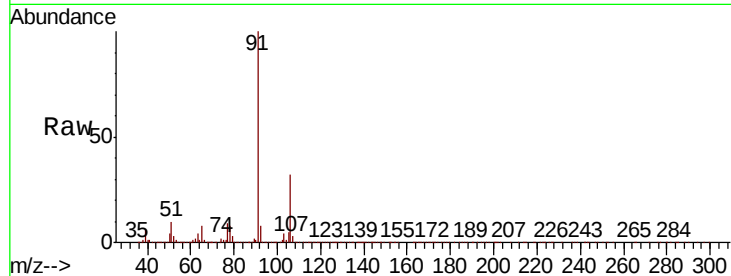
Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4

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#68

m/p-Xylenes

Concen: 39.665 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014528.D

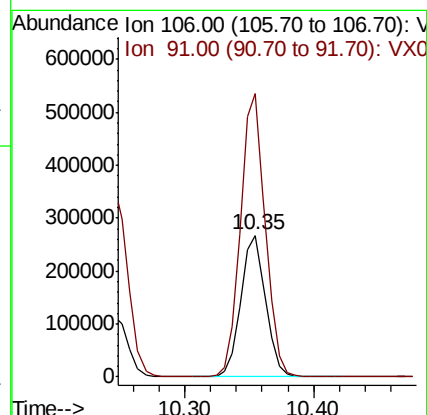
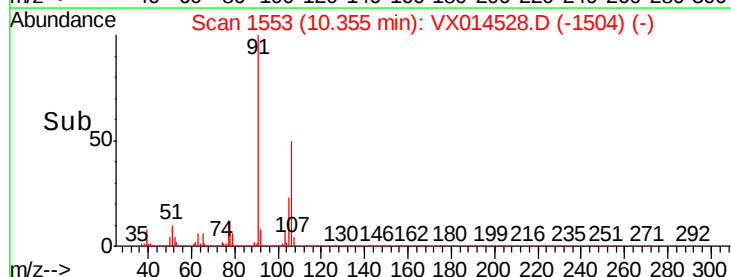
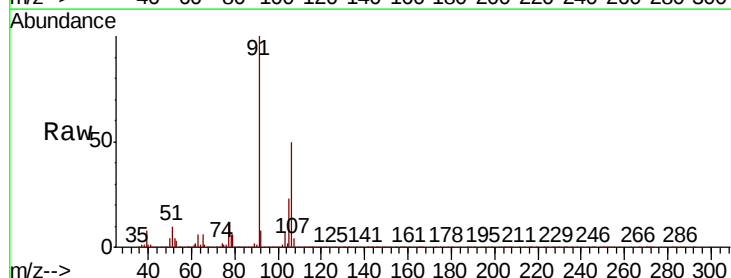
Acq: 10 Jan 2020 11:43

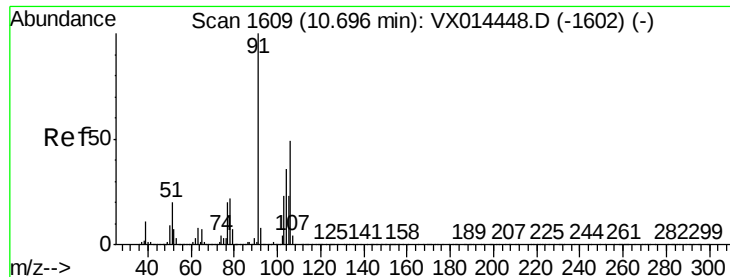
Tgt Ion: 106 Resp: 356497

Ion Ratio Lower Upper

106 100

91 200.4 157.4 236.0





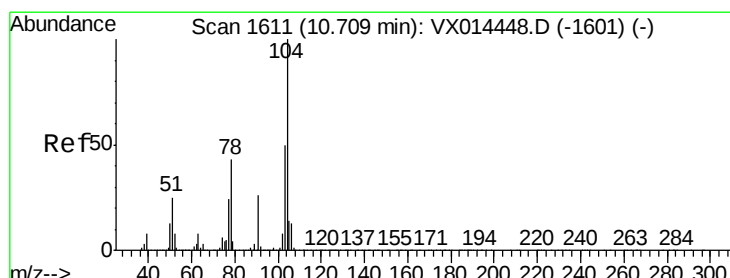
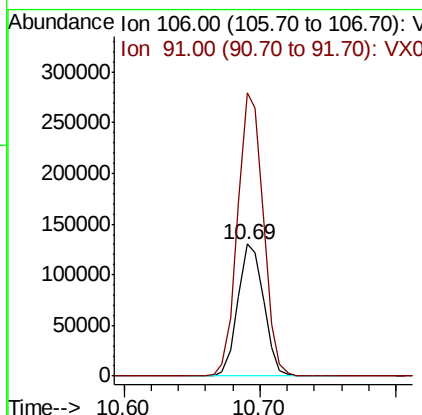
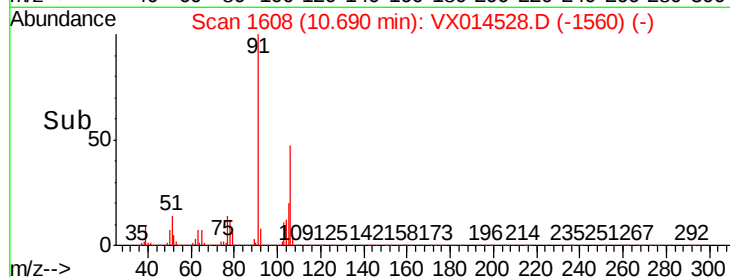
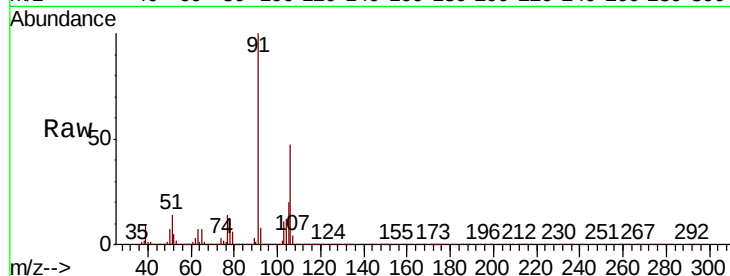
#69
o-Xylene
Concen: 20.073 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.1	105.1	315.1

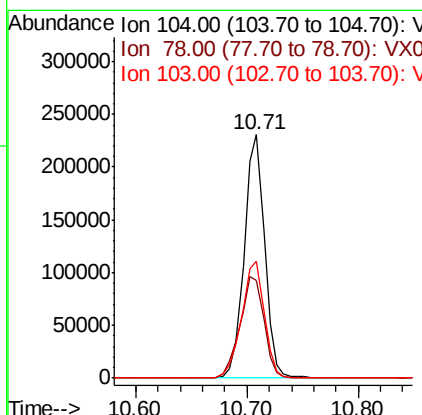
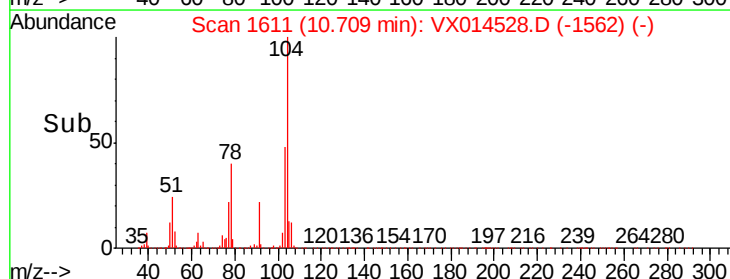
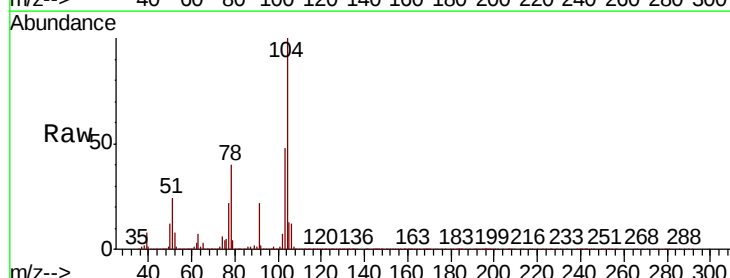
Manual Integrations
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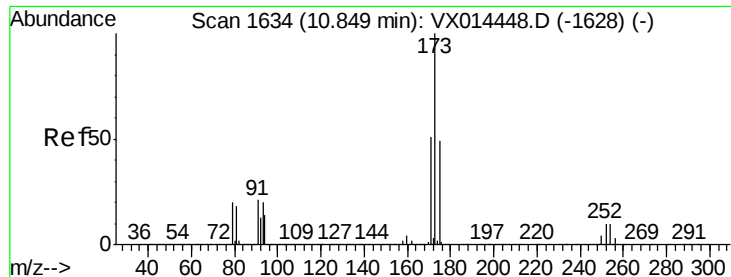
MMDadoda
1/13/2020 11:34:45 AM



#70
Styrene
Concen: 19.785 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.6	58.0
103	53.8	43.7	65.5





#71

Bromoform

Concen: 19.469 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

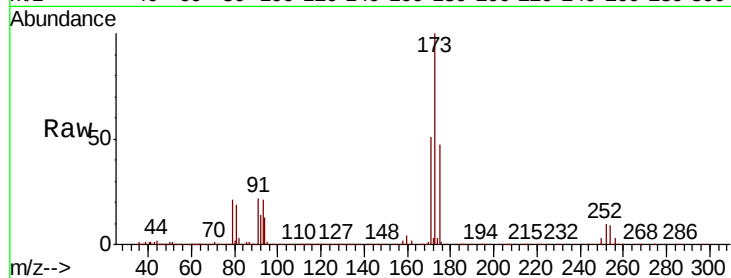
ClientSampleId :

VX0110MBSD01

Tot Ion:	173	Resp:	77699
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.3	72.8
254	0.3	0.2	0.2#

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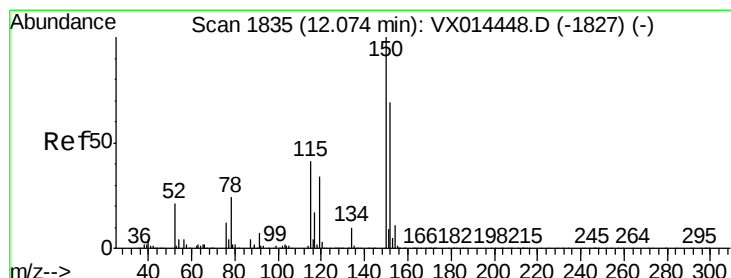
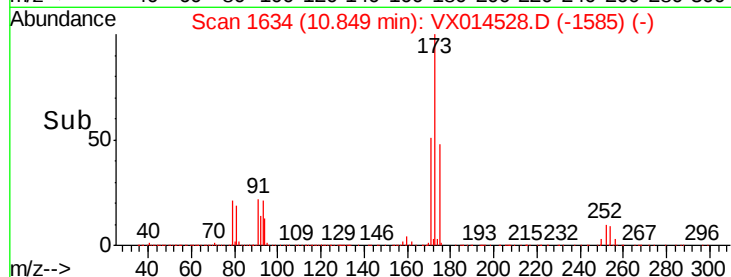
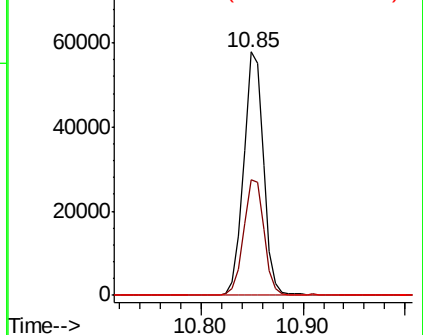


Abundance

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

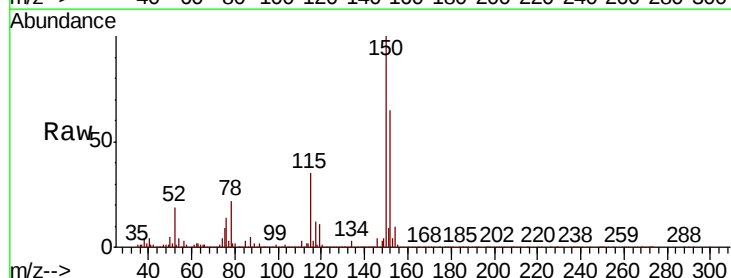
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion:	152	Resp:	318975
Ion Ratio	Lower	Upper	
152	100		
115	62.8	39.5	118.3
150	161.4	0.0	350.2

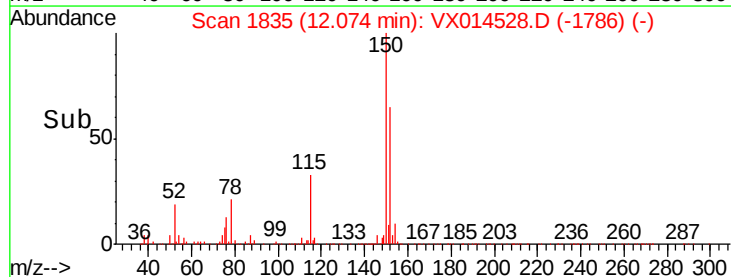
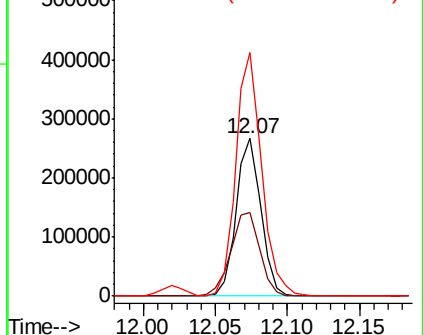


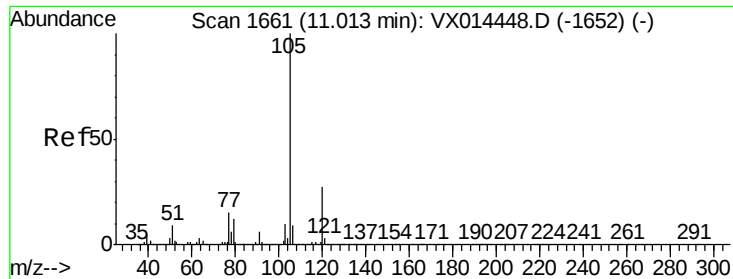
Abundance

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: 20.663 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion:105 Resp: 462826

Ion Ratio Lower Upper

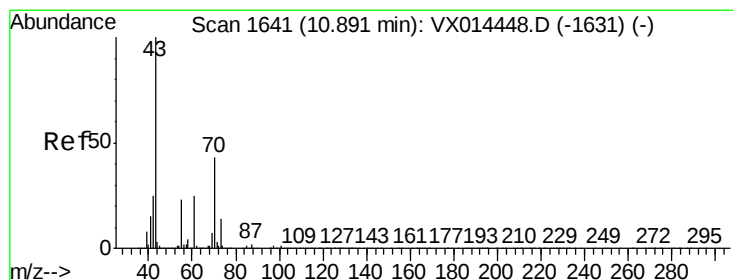
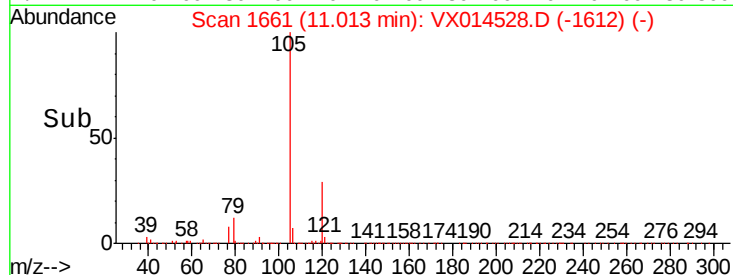
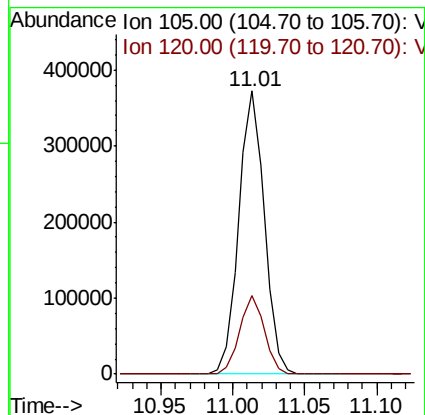
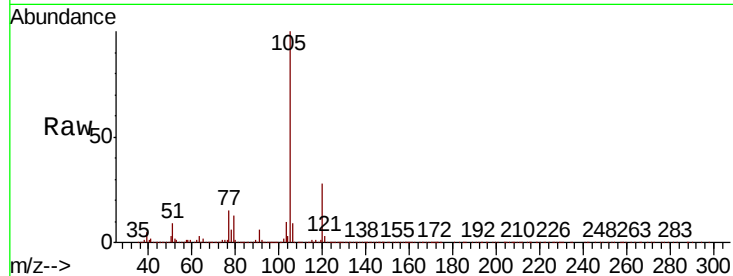
105 100

120 27.1 13.4 40.2

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#74

N-ethyl acetate

Concen: 20.280 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion: 43 Resp: 200408

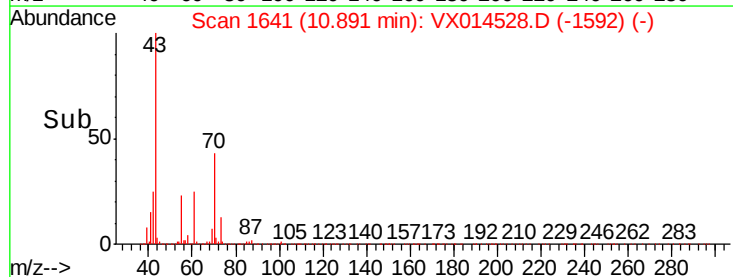
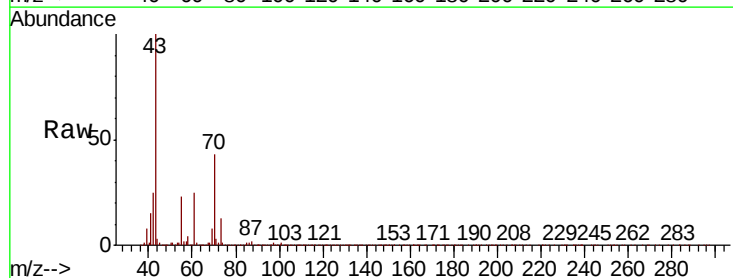
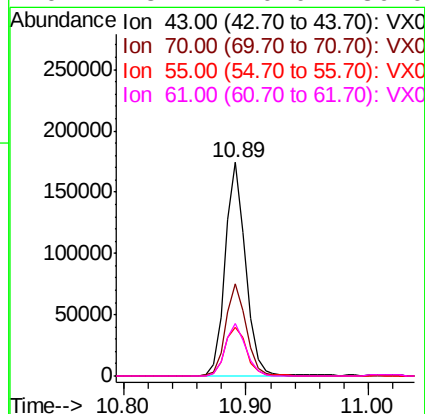
Ion Ratio Lower Upper

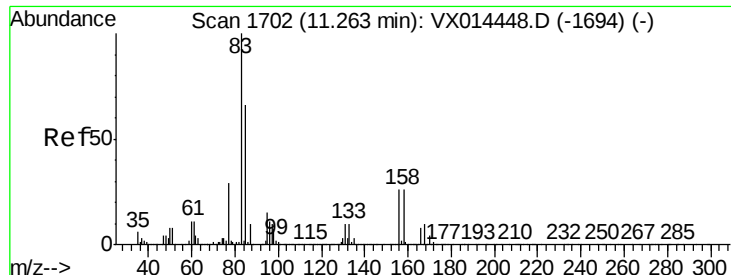
43 100

70 43.5 35.1 52.7

55 24.2 19.3 28.9

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.691 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0110MBSD01

Tot Ion: 83 Resp: 148628

Ion Ratio Lower Upper

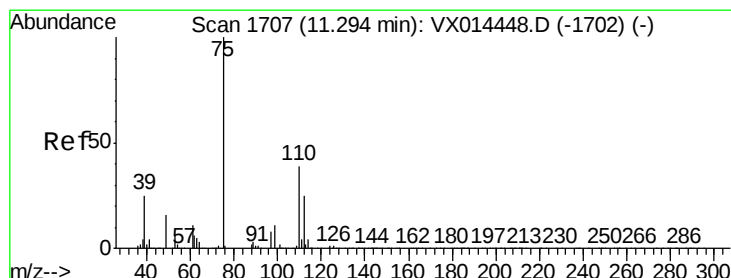
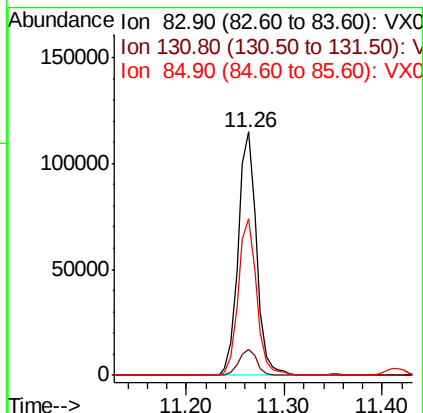
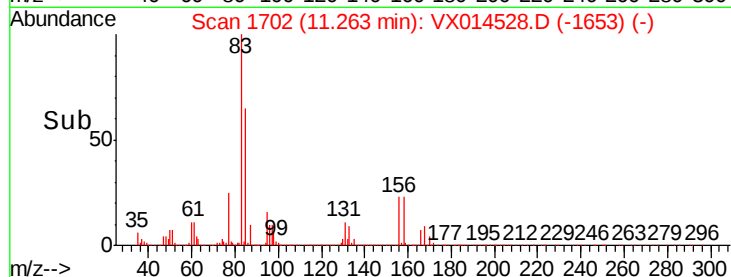
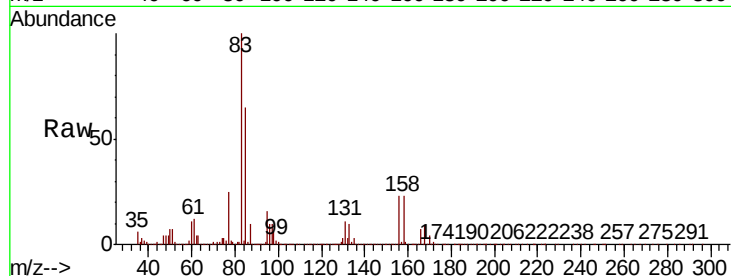
83 100

131 10.7 5.1 15.4

85 65.0 32.5 97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.314 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014528.D

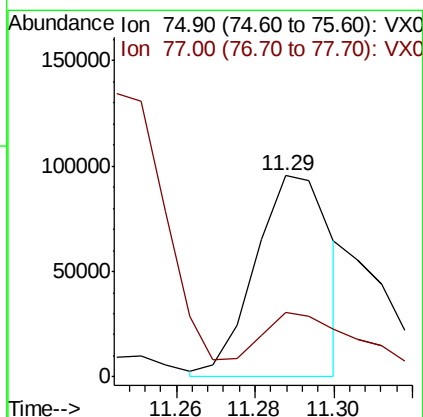
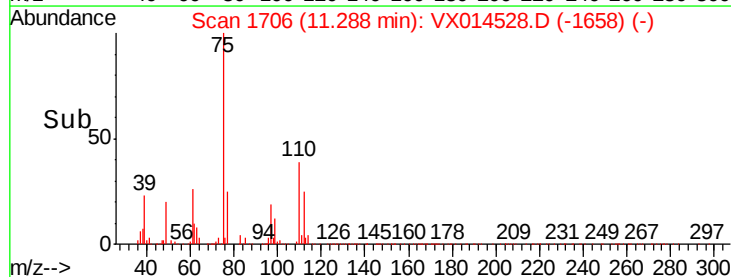
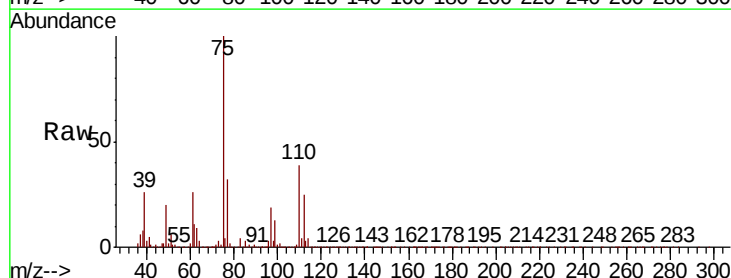
Acq: 10 Jan 2020 11:43

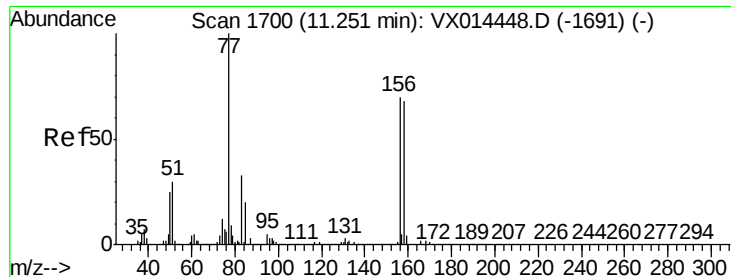
Tgt Ion: 75 Resp: 127463

Ion Ratio Lower Upper

75 100

77 41.1 21.9 65.7





#77

Bromobenzene

Concen: 19.929 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

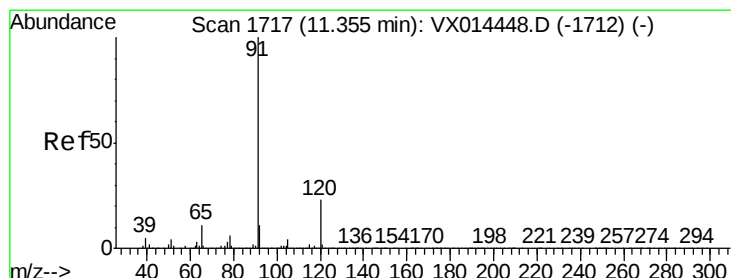
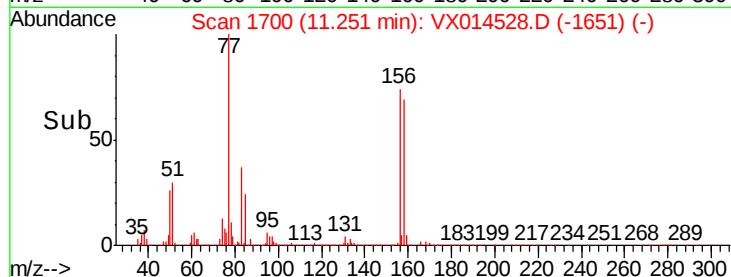
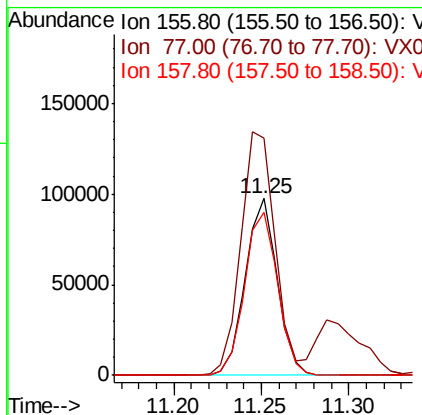
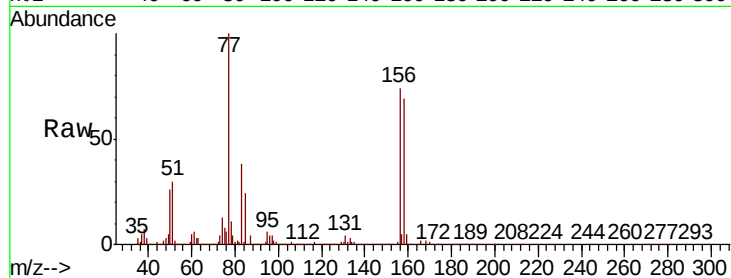
ClientSampleId :

VX0110MBSD01

Tot Ion:	156	Resp:	123796
Ion Ratio	Lower	Upper	
156	100		
77	146.3	75.4	226.3
158	95.9	48.8	146.3

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#78

n-propylbenzene

Concen: 20.278 ug/l

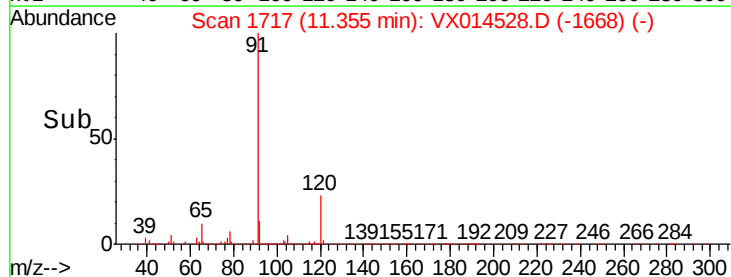
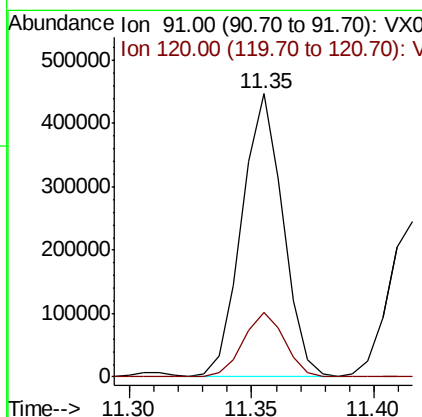
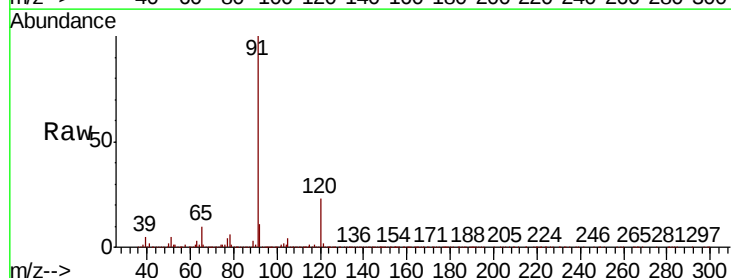
RT: 11.35 min Scan# 1717

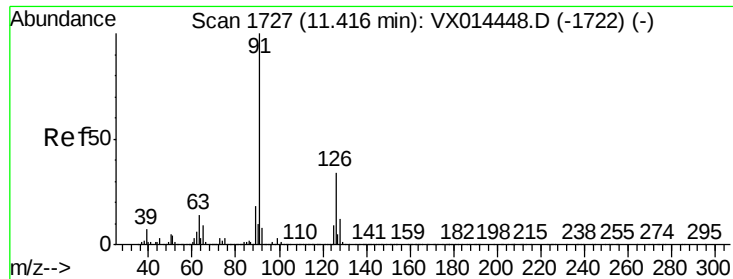
Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion:	91	Resp:	520167
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.5





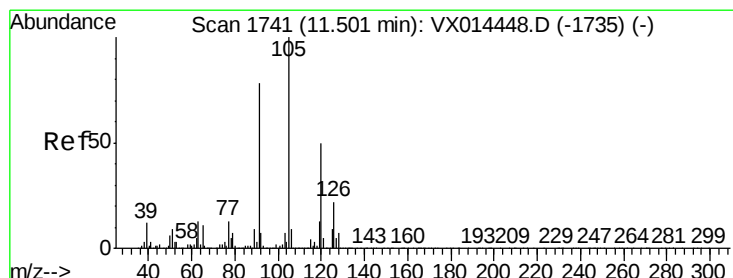
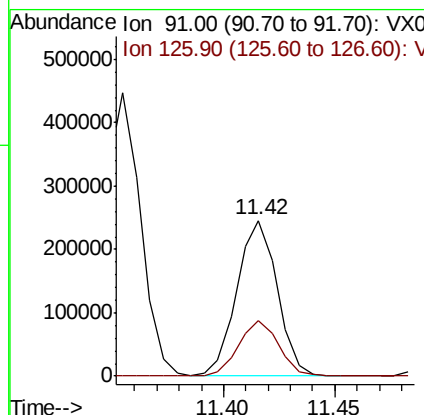
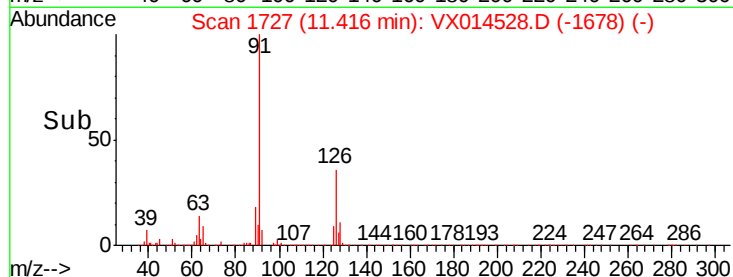
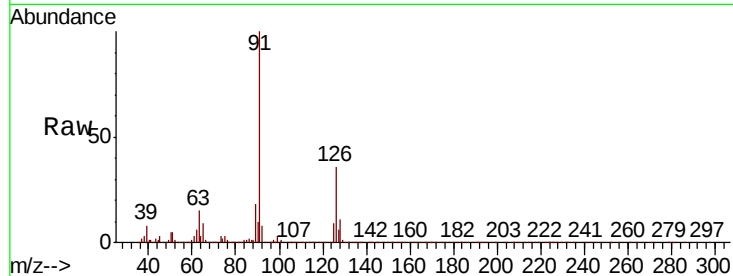
#79
2-Chlorotoluene
Concen: 20.249 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion: 91 Resp: 309580
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.5

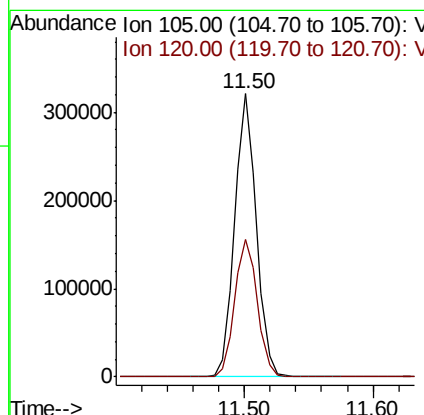
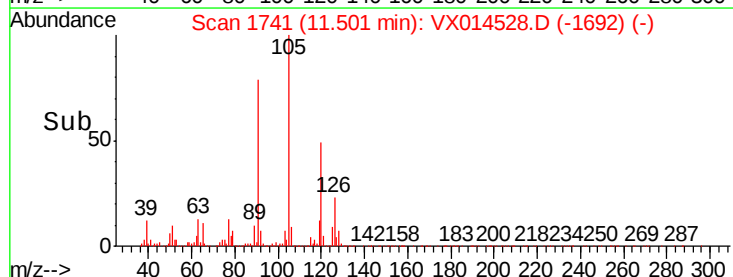
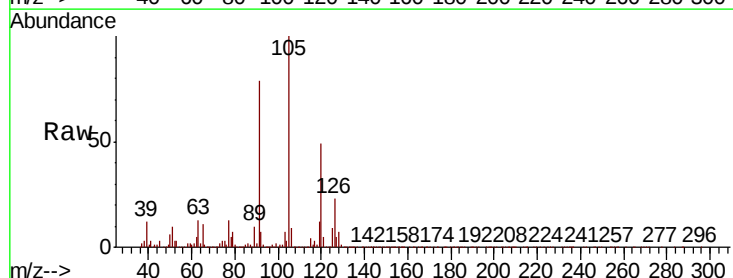
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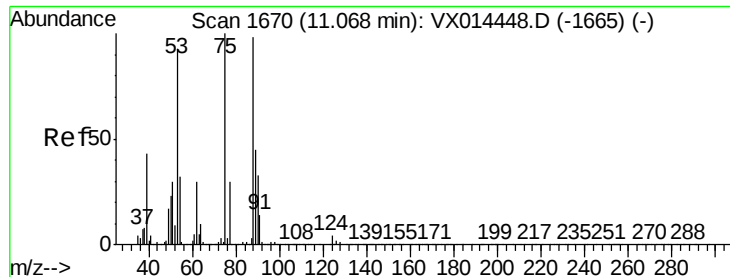
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#80
1,3,5-Trimethylbenzene
Concen: 20.290 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion: 105 Resp: 377315
Ion Ratio Lower Upper
105 100
120 50.8 25.2 75.6





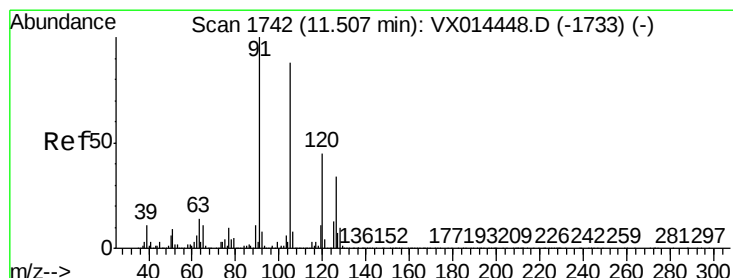
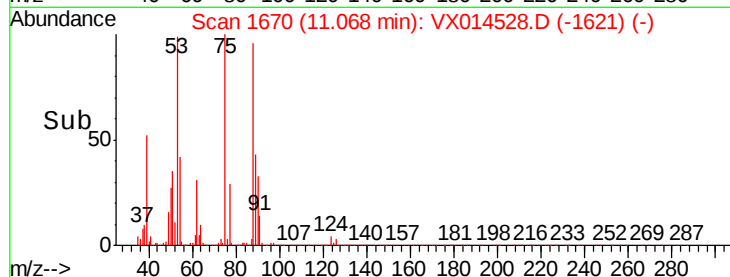
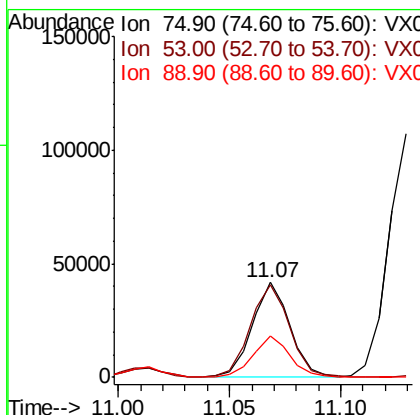
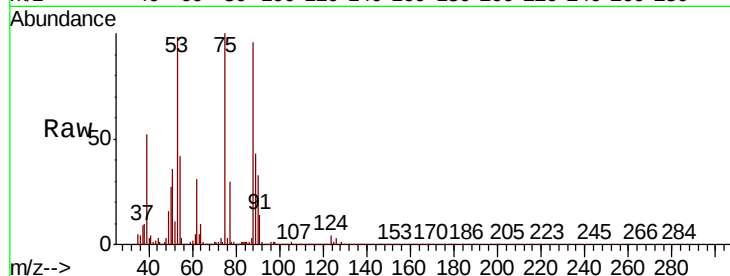
#81
trans-1,4-Dichloro-2-butene
Concen: 19.413 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.8	74.8	112.2
89	41.9	36.3	54.5

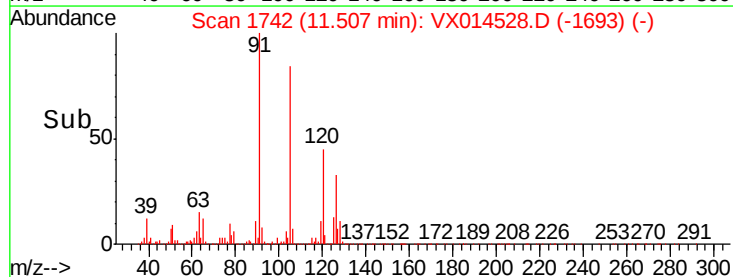
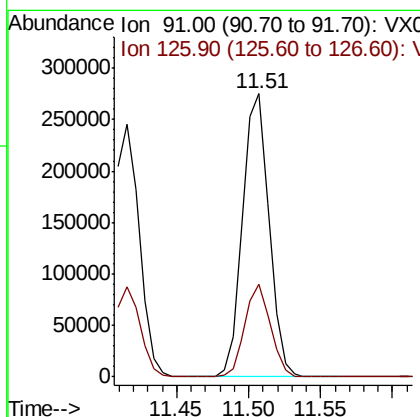
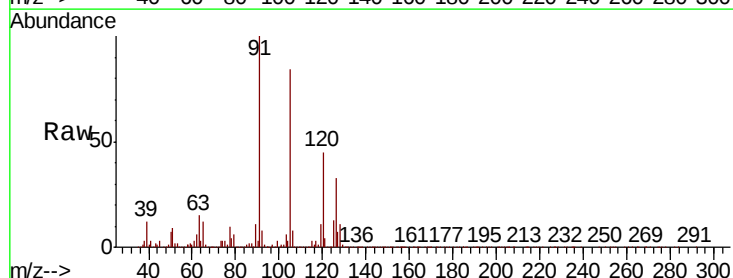
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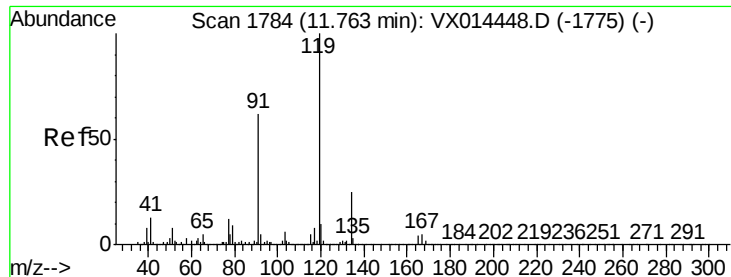
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#82
4-Chlorotoluene
Concen: 19.493 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.9	47.7





#83

tert-Butylbenzene

Concen: 20.434 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Instrument :

MSVOA_X

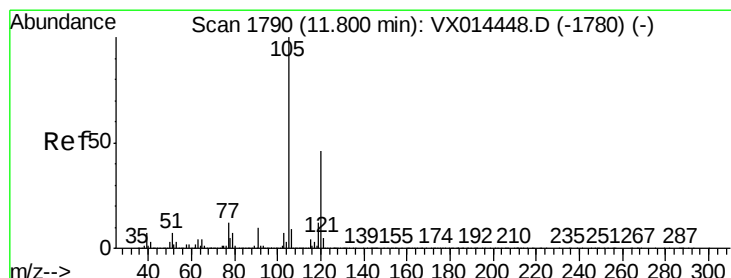
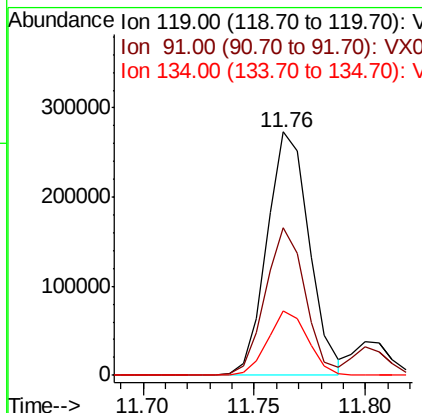
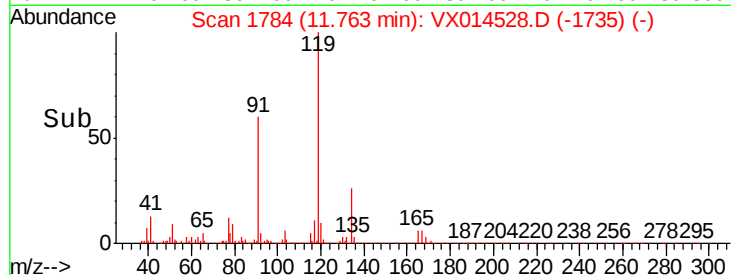
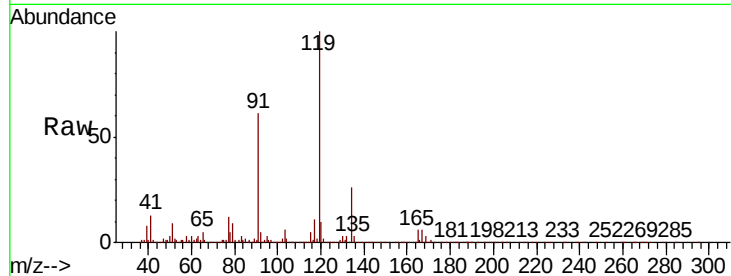
ClientSampleId :

VX0110MBSD01

Tot Ion:	119	Resp:	359043
Ion Ratio	Lower	Upper	
119	100		
91	57.3	29.3	88.0
134	25.4	12.4	37.4

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#84

1,2,4-Trimethylbenzene

Concen: 20.469 ug/l

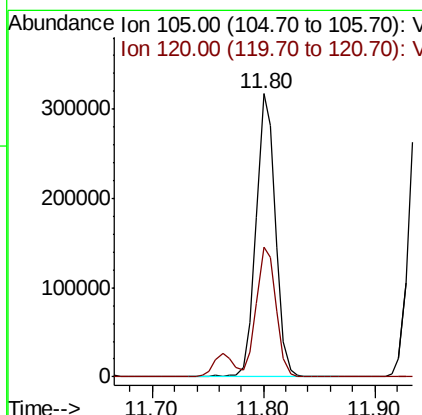
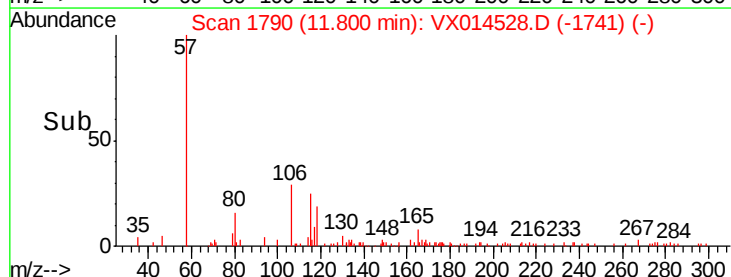
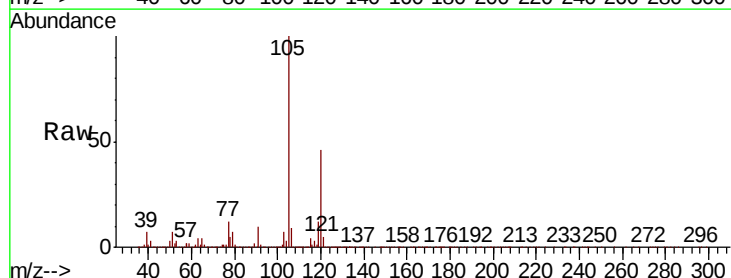
RT: 11.80 min Scan# 1790

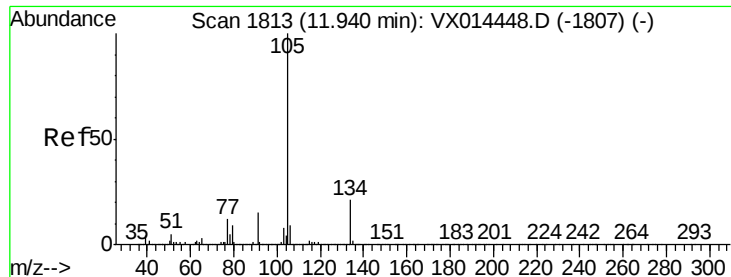
Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion:	105	Resp:	384633
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.1	69.3





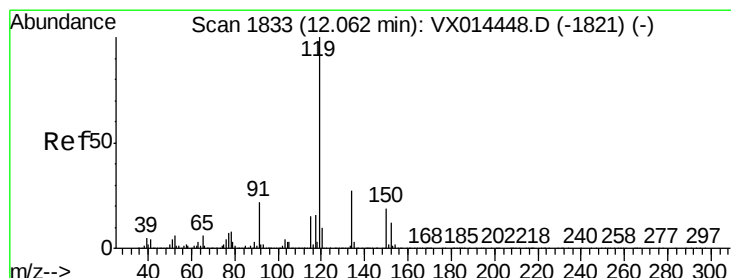
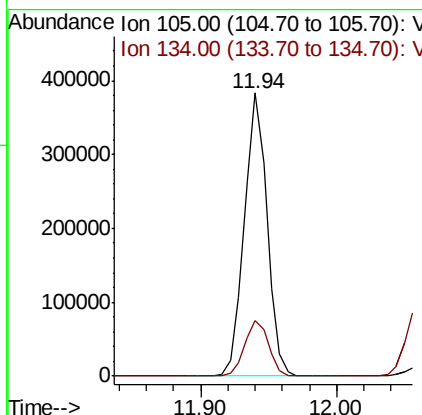
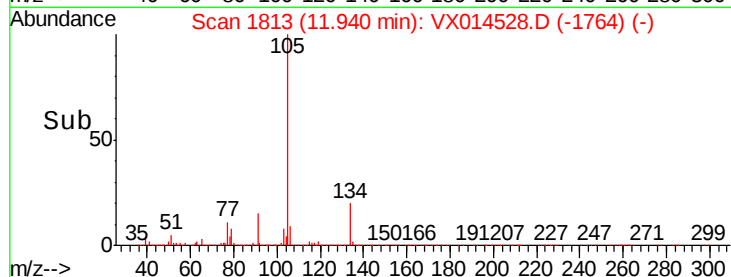
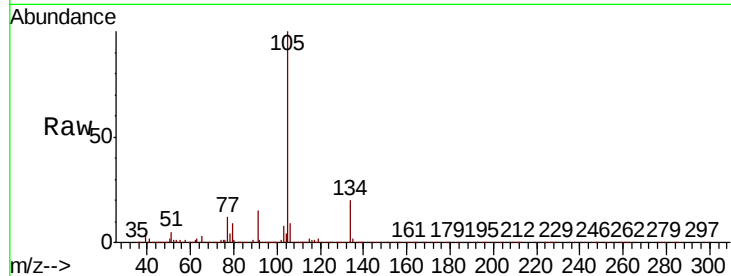
#85
 sec-Butylbenzene
 Concen: 20.433 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.5	31.5

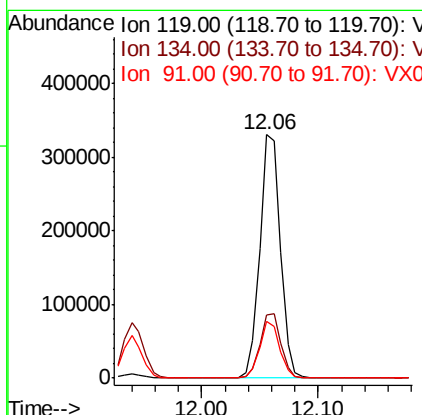
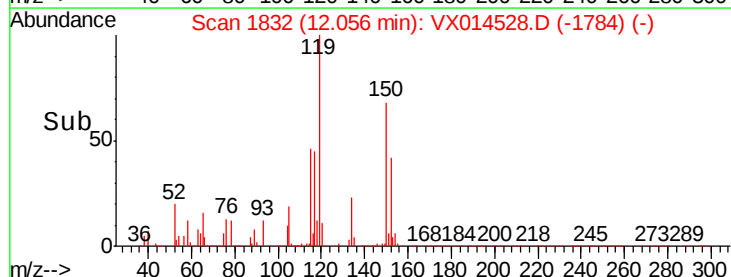
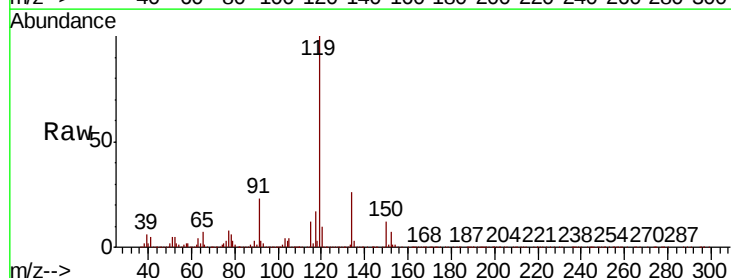
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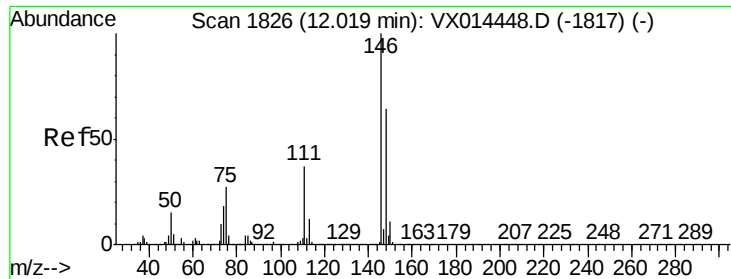
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#86
 p-Isopropyltoluene
 Concen: 20.141 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	22.6	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 19.345 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

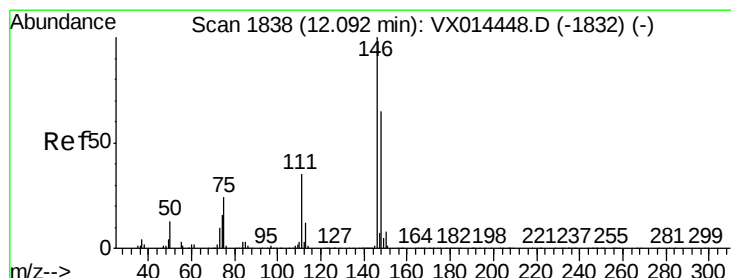
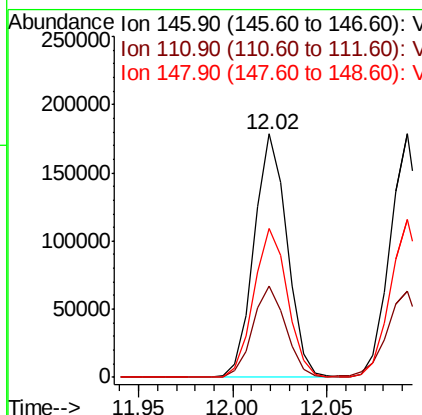
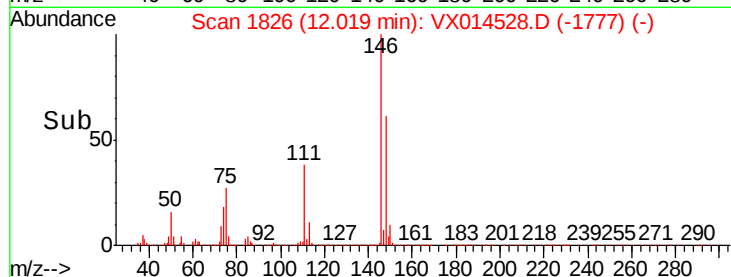
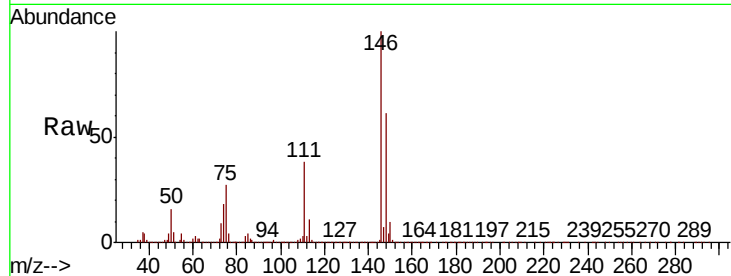
Instrument :
MSVOA_X

ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	62.6	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 20.019 ug/l

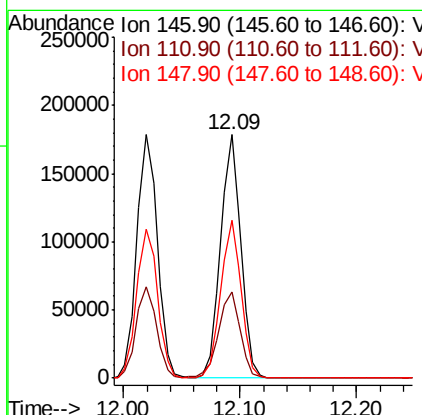
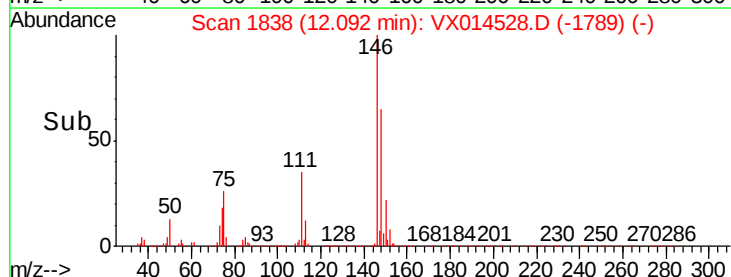
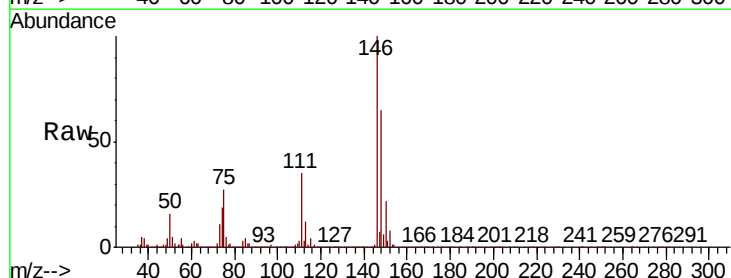
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014528.D

Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	65.3	32.1	96.3





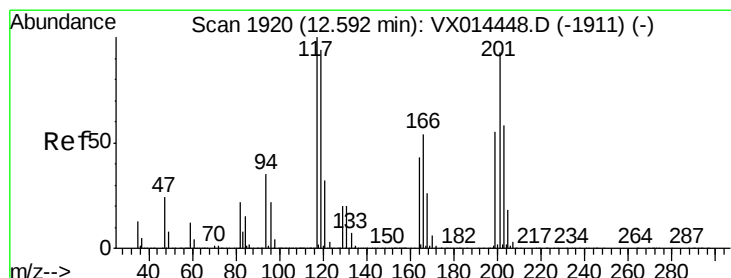
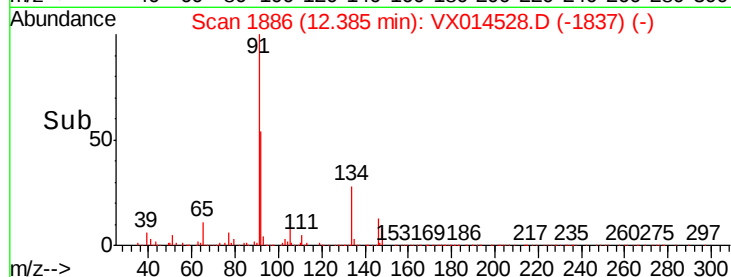
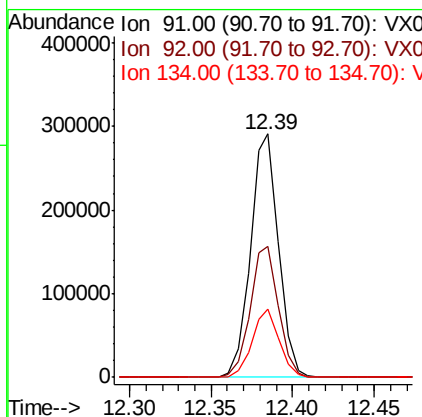
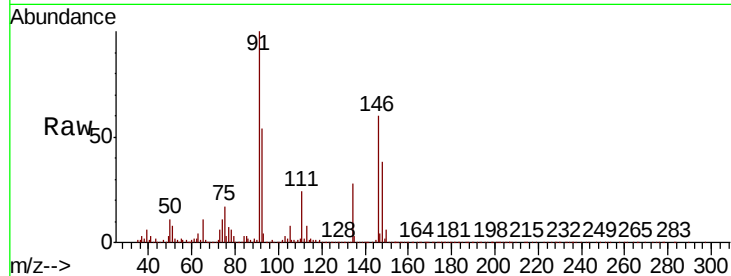
#89
n-Butylbenzene
Concen: 18.717 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	27.1	13.9	41.7

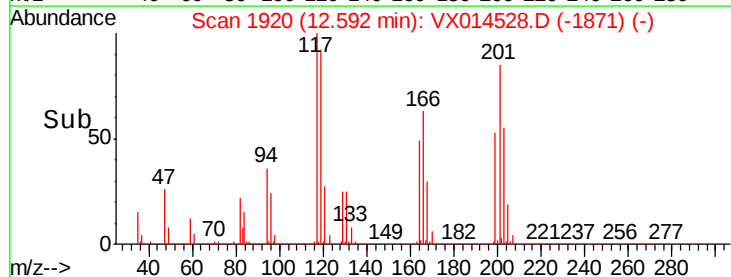
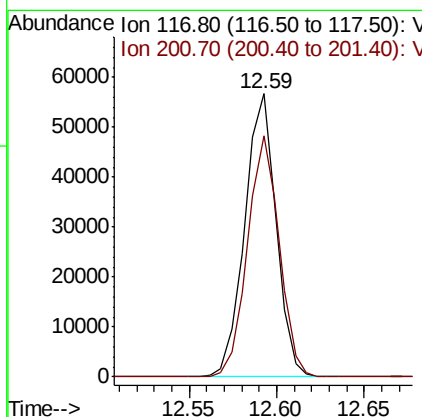
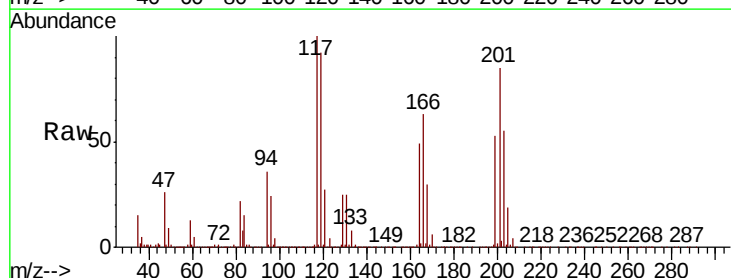
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#90
Hexachloroethane
Concen: 19.724 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	44.8	134.3





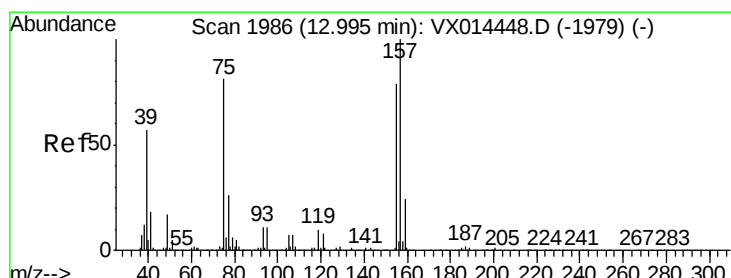
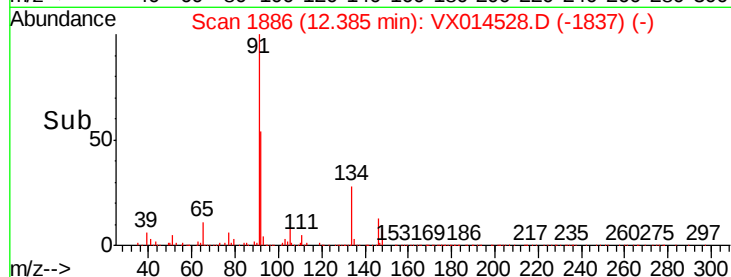
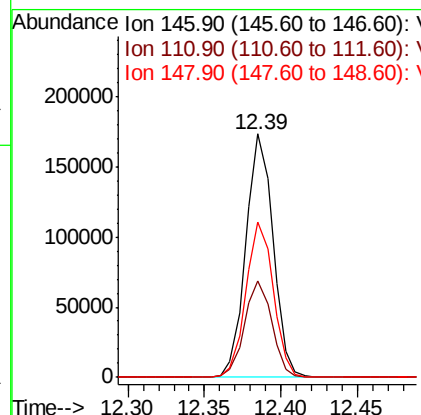
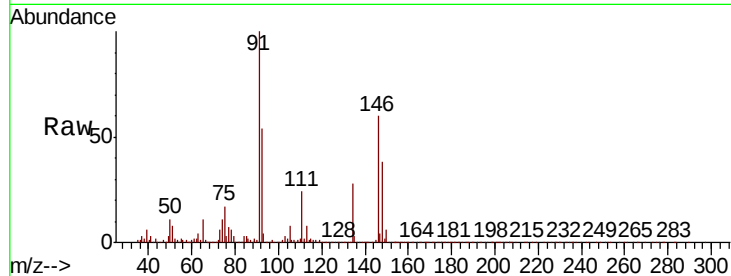
#91
 1,2-Dichlorobenzene
 Concen: 19.603 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	64.3	32.3	96.8

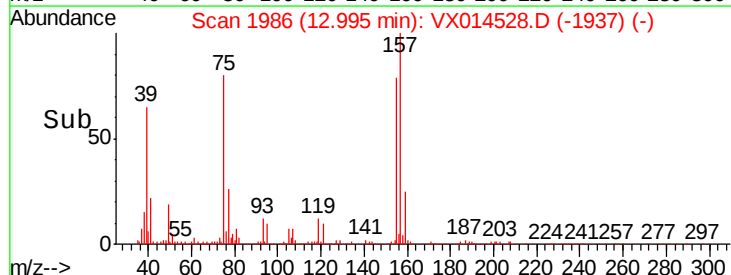
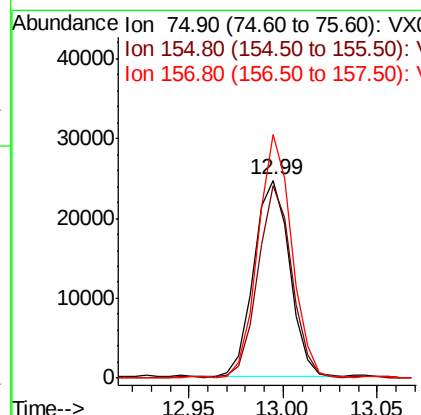
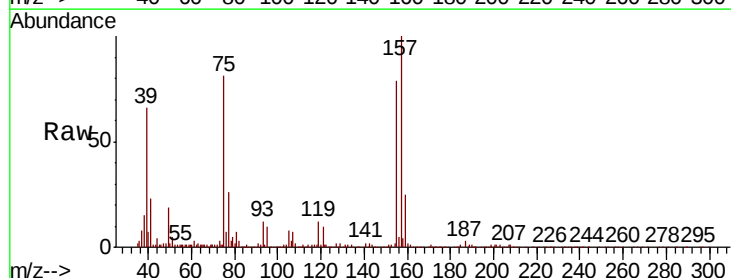
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.920 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	48.7	146.1
157	117.6	62.0	185.9





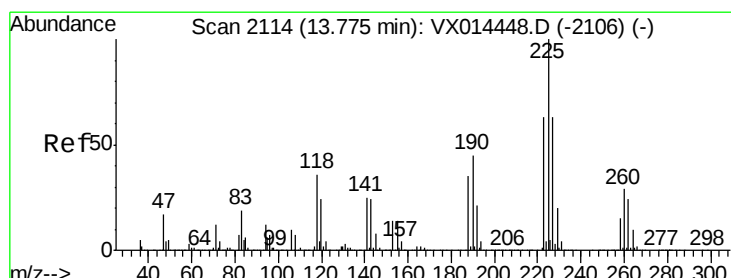
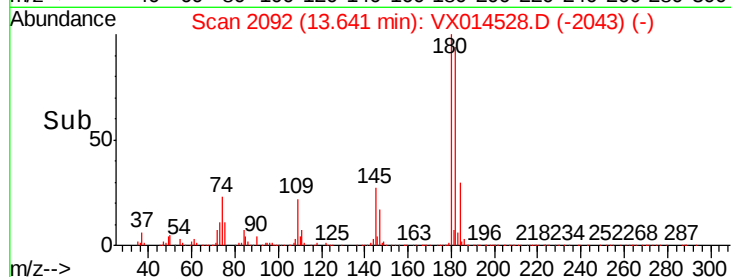
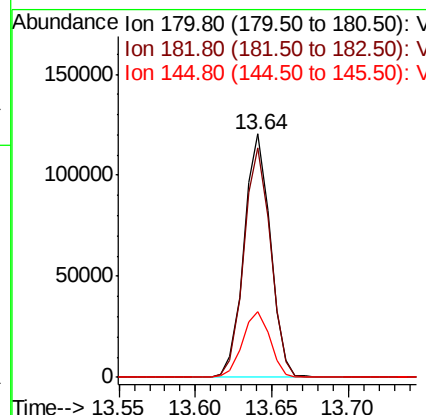
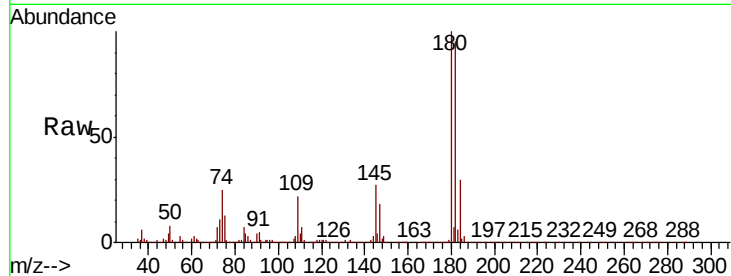
#93
 1,2,4-Trichlorobenzene
 Concen: 18.763 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.5
145	27.8	13.9	41.6

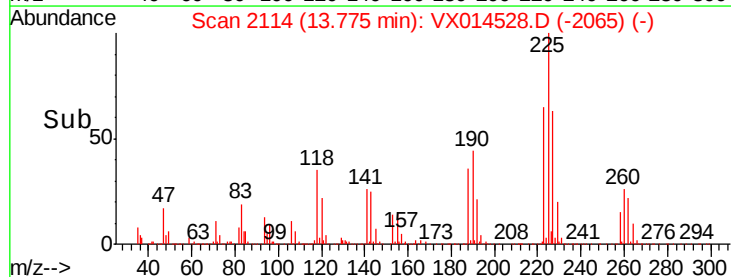
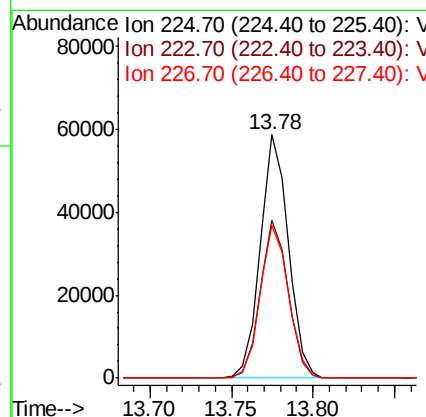
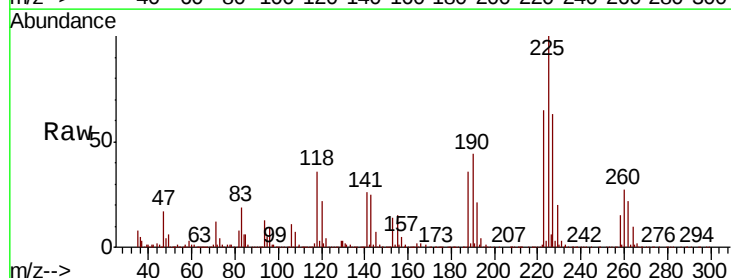
Manual Integrations
 APPROVED

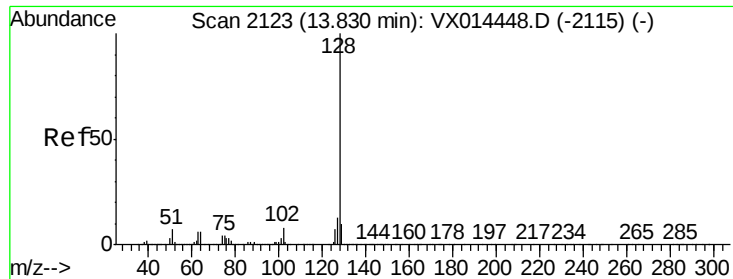
MMDadoda
 1/13/2020 11:34:45 AM



#94
 Hexachlorobutadiene
 Concen: 19.687 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014528.D
 Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.1	93.2
227	63.2	31.4	94.2





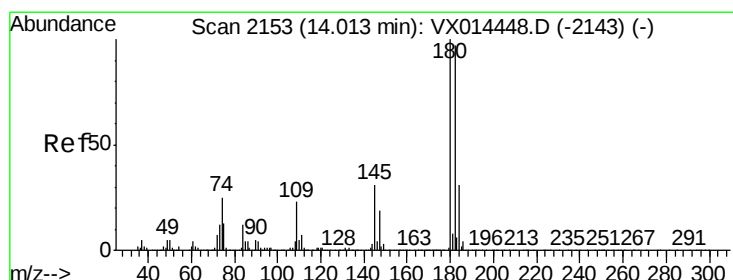
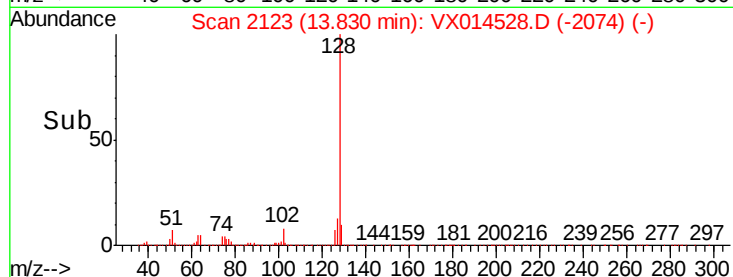
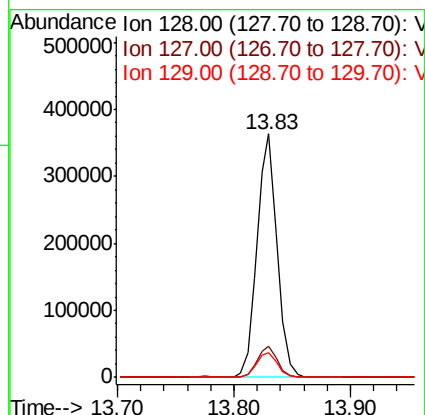
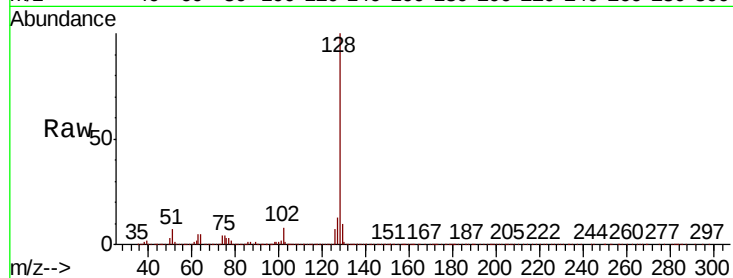
#95
Naphthalene
Concen: 18.262 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0110MBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.272 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014528.D
Acq: 10 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.6
145	30.4	14.8	44.3

