

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014716.D
 Acq On : 27 Jan 2020 11:04
 Operator : JC/SP
 Sample : VX0127WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 11:18:25 AM

Quant Time: Jan 28 03:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	684583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	619553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310606	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	259123	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.48	113	211549	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	810799	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	280887	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	121801	20.118	ug/l	99
3) Chloromethane	1.32	50	125605	20.256	ug/l	97
4) Vinyl Chloride	1.40	62	137361	20.488	ug/l	96
5) Bromomethane	1.63	94	83773	18.396	ug/l	99
6) Chloroethane	1.72	64	78845	19.717	ug/l	98
7) Trichlorofluoromethane	1.92	101	152490	19.533	ug/l	100
8) Diethyl Ether	2.18	74	66137	19.410	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93599	20.424	ug/l	98
10) Methyl Iodide	2.50	142	113936	18.947	ug/l	99
11) Tert butyl alcohol	3.02	59	110007	91.543	ug/l	99
12) 1,1-Dichloroethene	2.36	96	87066	19.108	ug/l	95
13) Acrolein	2.28	56	85153	89.870	ug/l	99
14) Allyl chloride	2.72	41	159859	19.519	ug/l	97
15) Acrylonitrile	3.12	53	264877	95.264	ug/l	99
16) Acetone	2.43	43	302745	103.289	ug/l	98
17) Carbon Disulfide	2.56	76	237643	19.083	ug/l	99
18) Methyl Acetate	2.76	43	165804	19.801	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	299706	20.082	ug/l	99
20) Methylene Chloride	2.84	84	105528	19.441	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	95227	18.981	ug/l	97
22) Diisopropyl ether	3.84	45	335873	20.613	ug/l	93
23) Vinyl Acetate	3.80	43	1288534	103.738	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176750	19.974	ug/l	99
25) 2-Butanone	4.65	43	405538	96.487	ug/l	98
26) 2,2-Dichloropropane	4.57	77	141812	20.021	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	108987	19.410	ug/l	99
28) Bromochloromethane	5.00	49	75936	19.528	ug/l	95
29) Tetrahydrofuran	5.11	42	239113	95.853	ug/l	100
30) Chloroform	5.20	83	174287	19.882	ug/l	100
31) Cyclohexane	5.57	56	162110	19.477	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	147976	19.971	ug/l	98
36) 1,1-Dichloropropene	5.79	75	130247	20.476	ug/l	99
37) Ethyl Acetate	4.81	43	147816	20.289	ug/l	99
38) Carbon Tetrachloride	5.77	117	126330	20.795	ug/l	100

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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Quant Time: Jan 28 03:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	160960	20.198	ug/l	99
40) Benzene	6.13	78	402217	20.464	ug/l	99
41) Methacrylonitrile	5.02	41	81285	19.400	ug/l	98
42) 1,2-Dichloroethane	6.18	62	142624	21.014	ug/l	99
43) Isopropyl Acetate	6.43	43	235642	19.751	ug/l	99
44) Trichloroethene	7.20	130	109265	19.681	ug/l	99
45) 1,2-Dichloropropane	7.50	63	103758	20.491	ug/l	97
46) Dibromomethane	7.65	93	67512	20.587	ug/l	100
47) Bromodichloromethane	7.89	83	132560	20.610	ug/l	97
48) Methyl methacrylate	7.76	41	116419	20.423	ug/l	99
49) 1,4-Dioxane	7.73	88	48566	401.923	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	748783	99.440	ug/l	100
52) Toluene	8.78	92	252479	20.897	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	143303	20.692	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	164431	21.582	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103473	20.918	ug/l	96
56) Ethyl methacrylate	9.17	69	154696	19.573	ug/l	99
57) 1,3-Dichloropropane	9.36	76	173880	20.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	256277	103.019	ug/l	100
59) 2-Hexanone	9.48	43	584450	100.023	ug/l	99
60) Dibromochloromethane	9.57	129	105640	20.460	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107965	20.643	ug/l	97
64) Tetrachloroethene	9.33	164	117079	19.091	ug/l	97
65) Chlorobenzene	10.13	112	269943	20.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99015	20.265	ug/l	99
67) Ethyl Benzene	10.25	91	468830	20.719	ug/l	99
68) m/p-Xylenes	10.35	106	359497	41.937	ug/l	97
69) o-Xylene	10.70	106	174187	21.048	ug/l	98
70) Styrene	10.71	104	297057	21.398	ug/l	100
71) Bromoform	10.85	173	79645	20.498	ug/l #	98
73) Isopropylbenzene	11.01	105	459749	21.051	ug/l	100
74) N-amyl acetate	10.89	43	193106	20.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	150901	19.352	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	129240m	17.884	ug/l	
77) Bromobenzene	11.25	156	120908	20.607	ug/l	97
78) n-propylbenzene	11.35	91	531580	21.443	ug/l	100
79) 2-Chlorotoluene	11.42	91	315899	21.061	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	390560	21.547	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47693	18.782	ug/l	93
82) 4-Chlorotoluene	11.51	91	359699	21.064	ug/l	100
83) tert-Butylbenzene	11.76	119	363152	21.321	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	390860	21.498	ug/l	99
85) sec-Butylbenzene	11.94	105	445665	21.358	ug/l	100
86) p-Isopropyltoluene	12.06	119	411009	21.314	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	212177	20.122	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214576	20.315	ug/l	99
89) n-Butylbenzene	12.39	91	352738	21.003	ug/l	99
90) Hexachloroethane	12.59	117	72831	20.334	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	214257	20.459	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31921	19.053	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

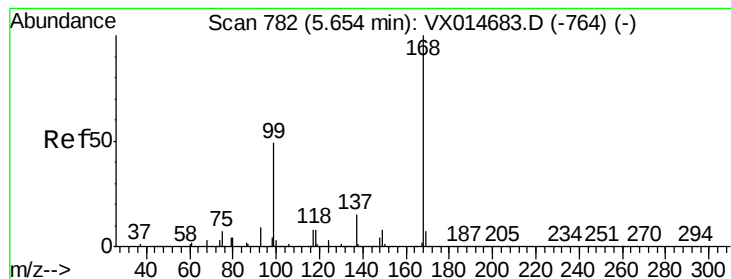
Manual Integrations
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1/28/2020 11:18:25 AM

Quant Time: Jan 28 03:38:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139175	20.613	ug/l	98
94) Hexachlorobutadiene	13.78	225	73078	21.029	ug/l	99
95) Naphthalene	13.83	128	404072	19.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141385	20.709	ug/l	97

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



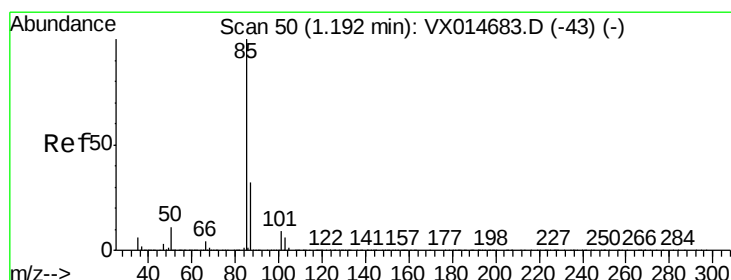
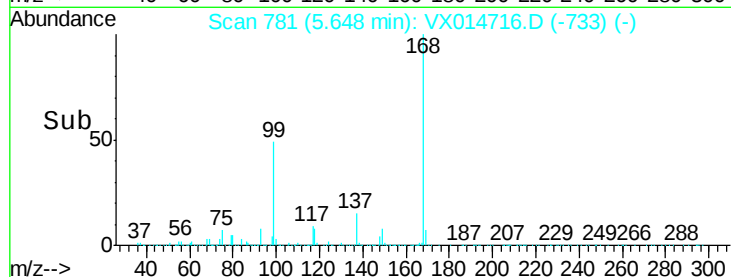
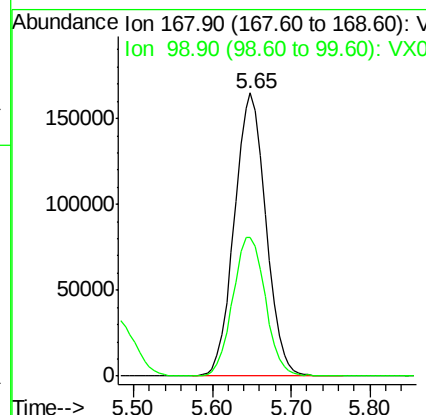
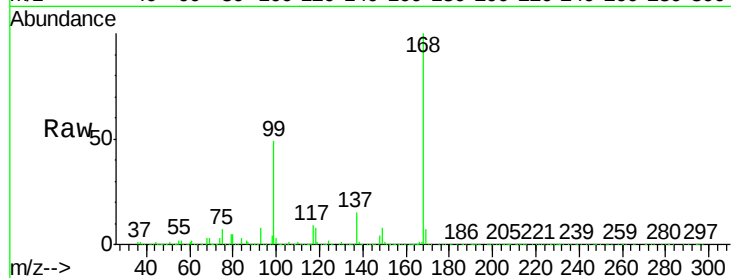
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	458358		
99	48.8	39.8	59.6	

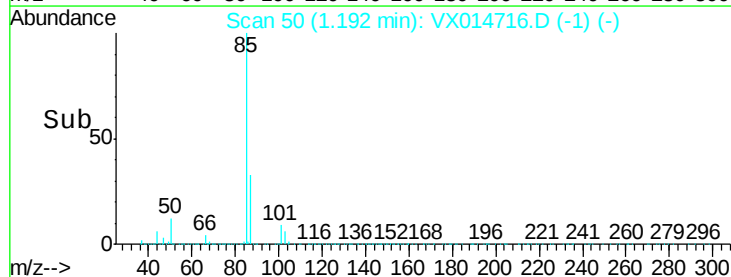
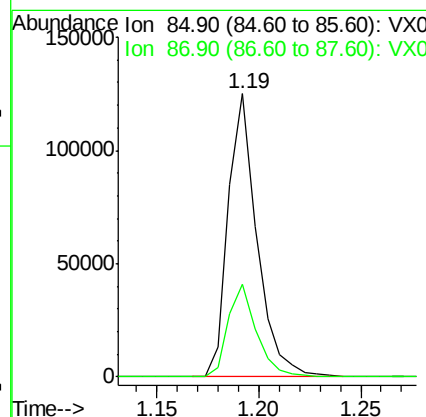
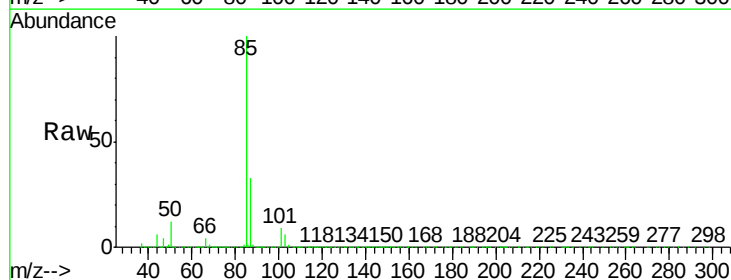
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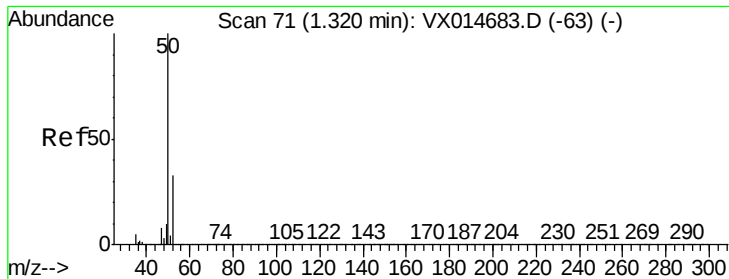
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#2
Dichlorodifluoromethane
Concen: 20.118 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	121801		
87	32.8	16.2	48.5	





#3

Chloromethane

Concen: 20.256 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 50 Resp: 125605

Ion Ratio Lower Upper

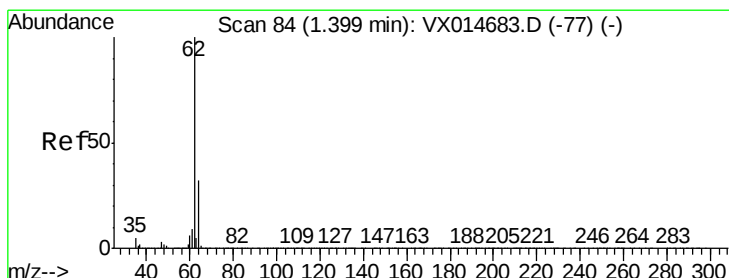
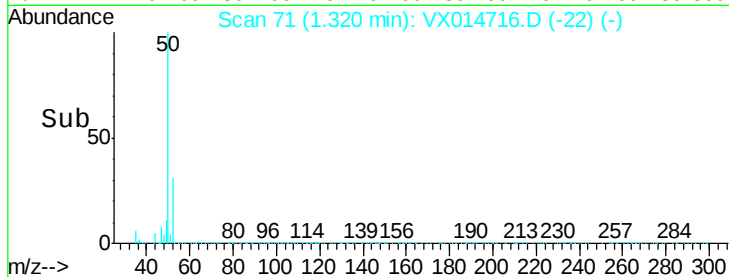
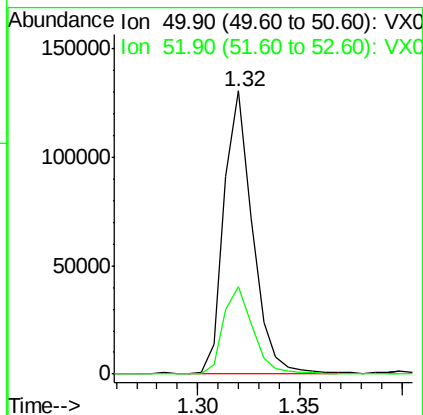
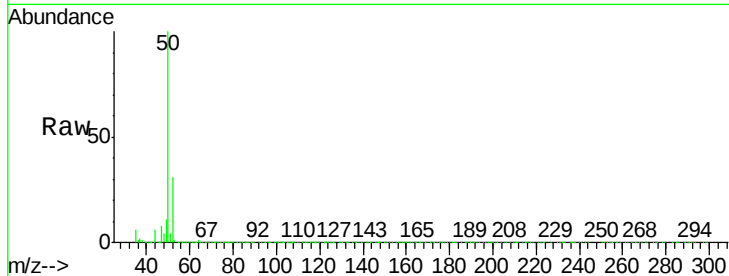
50 100

52 30.9 26.2 39.2

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#4

Vinyl Chloride

Concen: 20.488 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014716.D

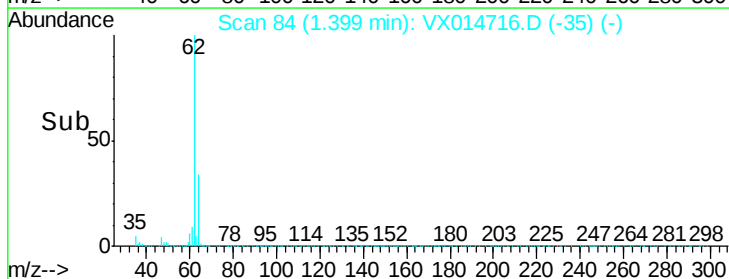
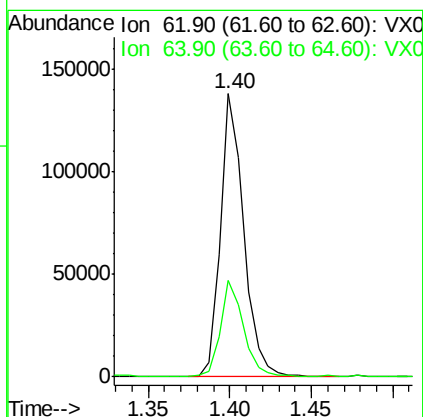
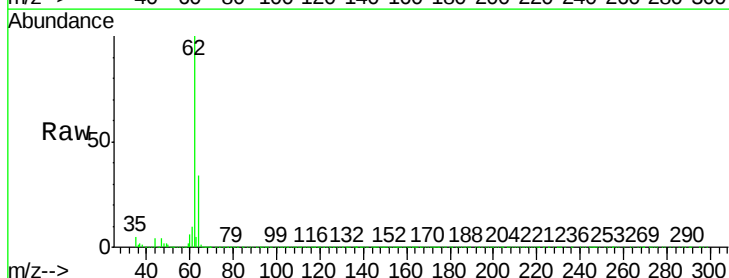
Acq: 27 Jan 2020 11:04

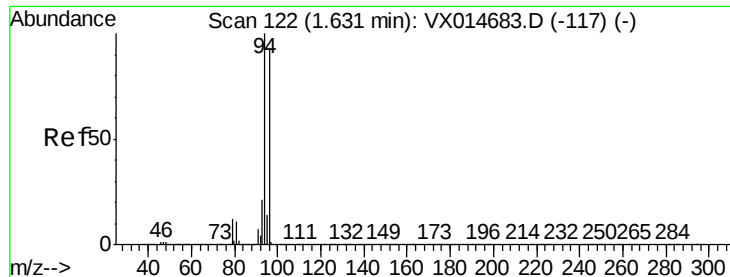
Tgt Ion: 62 Resp: 137361

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.2





#5

Bromomethane

Concen: 18.396 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 94 Resp: 83773

Ion Ratio Lower Upper

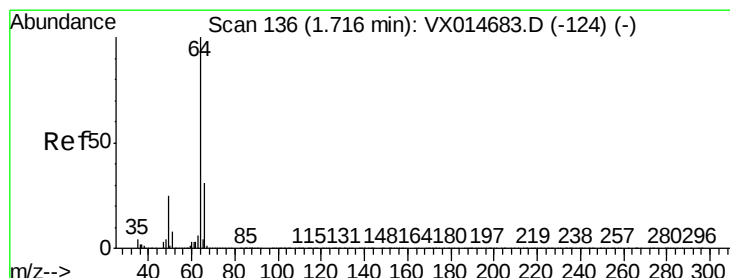
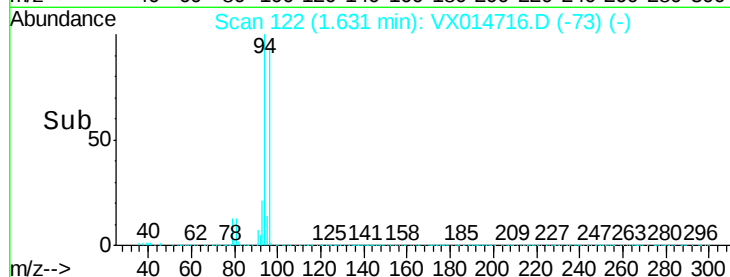
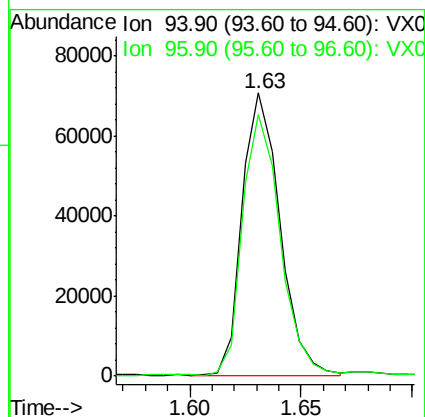
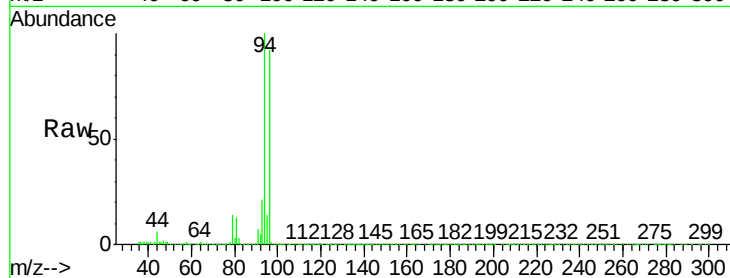
94 100

96 92.3 74.7 112.1

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#6

Chloroethane

Concen: 19.717 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014716.D

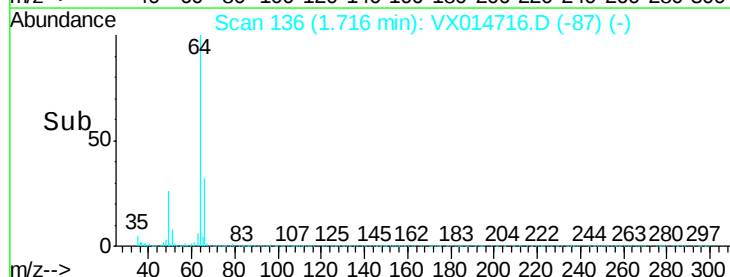
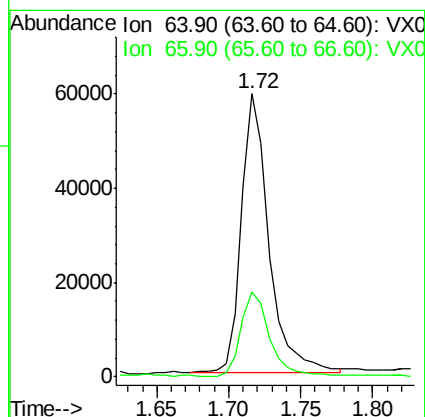
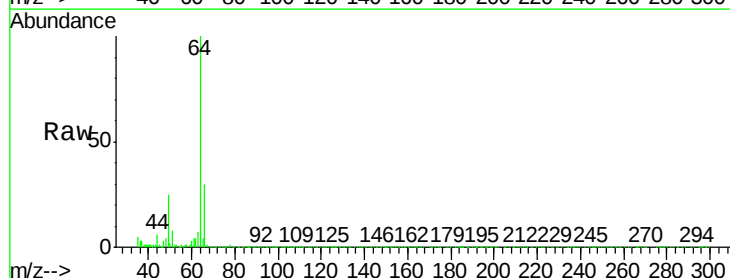
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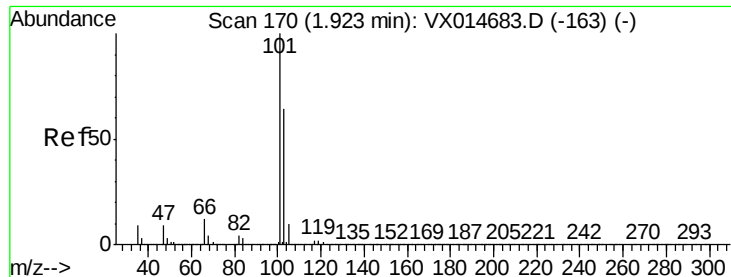
Tgt Ion: 64 Resp: 78845

Ion Ratio Lower Upper

64 100

66 30.1 25.2 37.8





#7

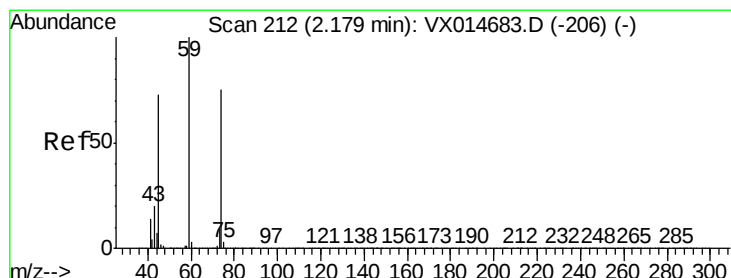
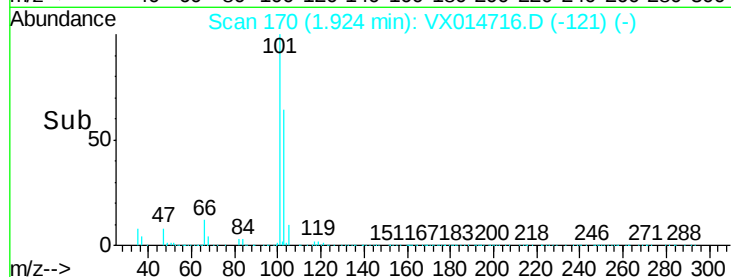
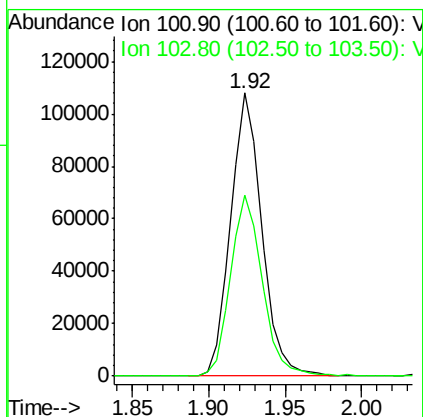
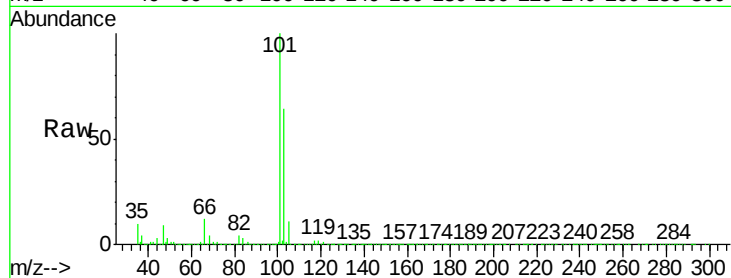
Trichlorofluoromethane
Concen: 19.533 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.0	76.6

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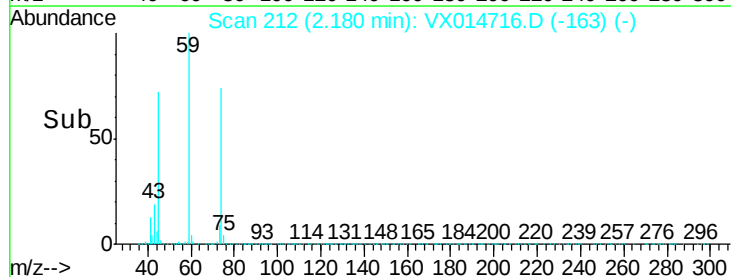
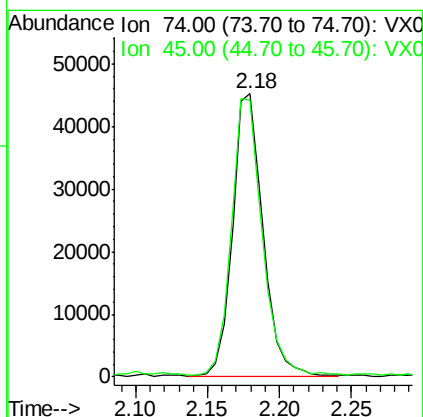
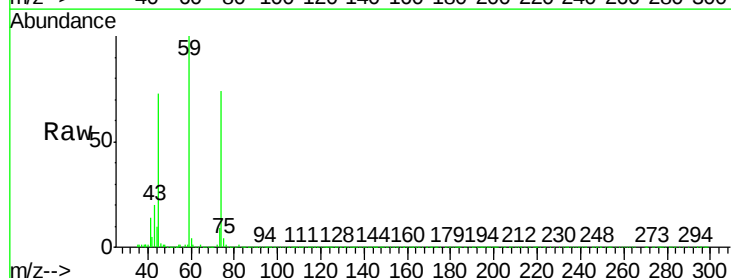
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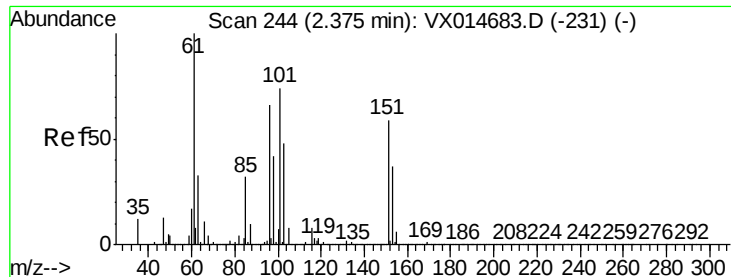


#8

Diethyl Ether
Concen: 19.410 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.424 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

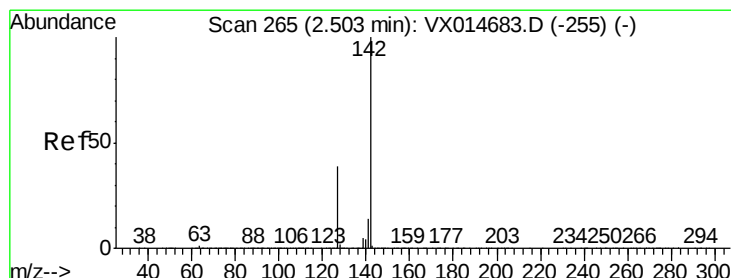
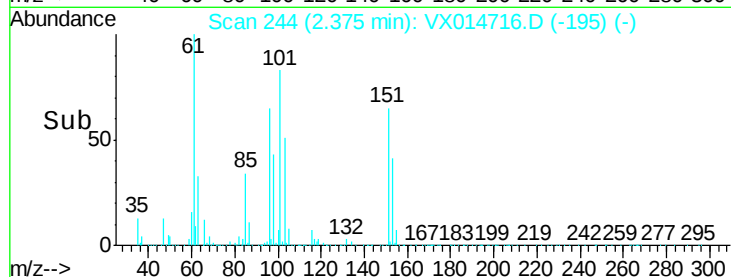
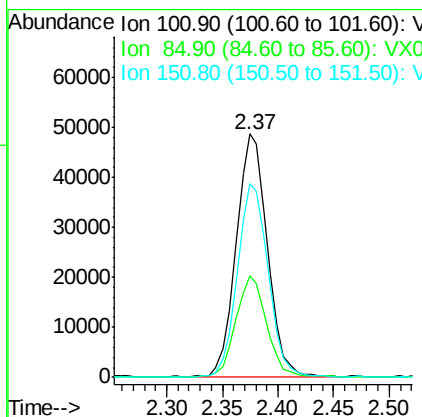
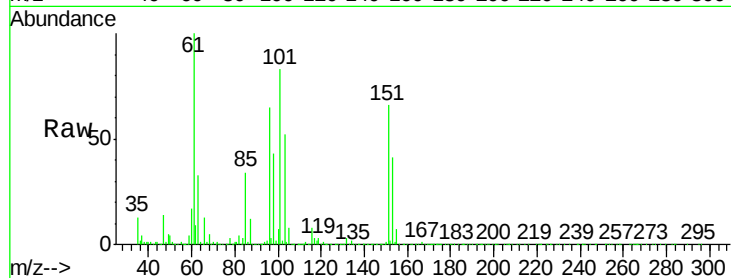
ClientSampleId :

VX0127WBS01

Tot Ion:	101	Resp:	93599
Ion Ratio	Lower	Upper	
101	100		
85	41.0	34.7	52.1
151	79.4	64.7	97.1

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#10

Methyl Iodide

Concen: 18.947 ug/l

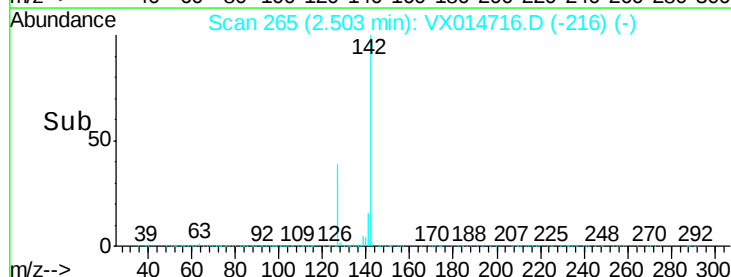
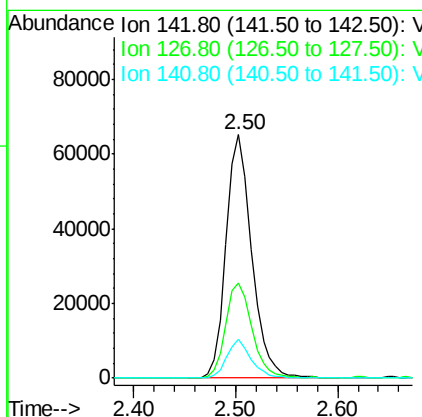
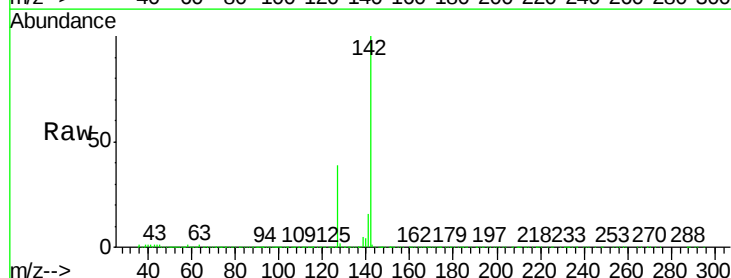
RT: 2.50 min Scan# 265

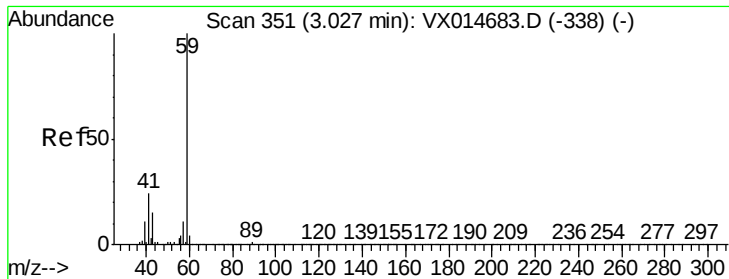
Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	142	Resp:	113936
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.1	46.7
141	14.9	11.3	16.9





#11

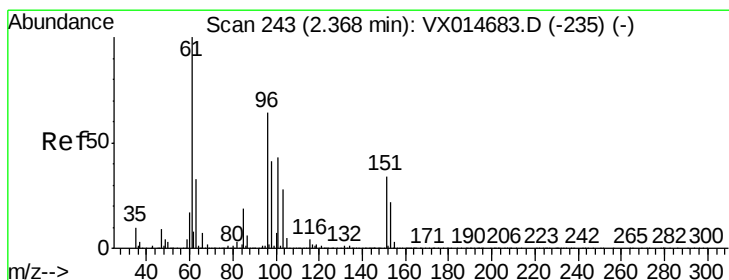
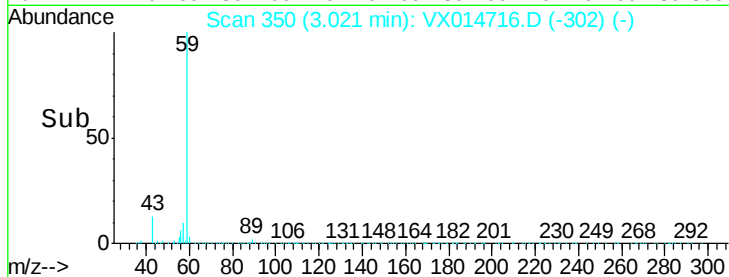
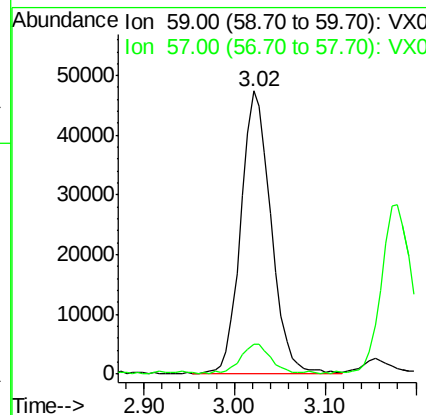
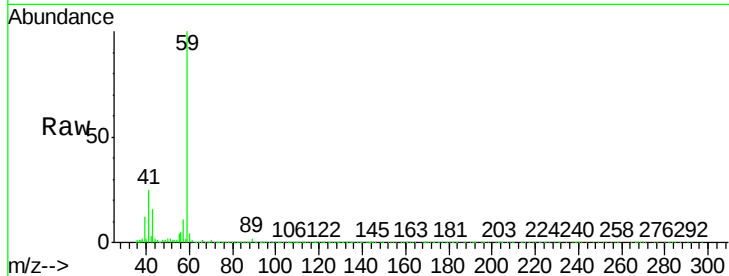
Tert butyl alcohol
Concen: 91.543 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampled :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

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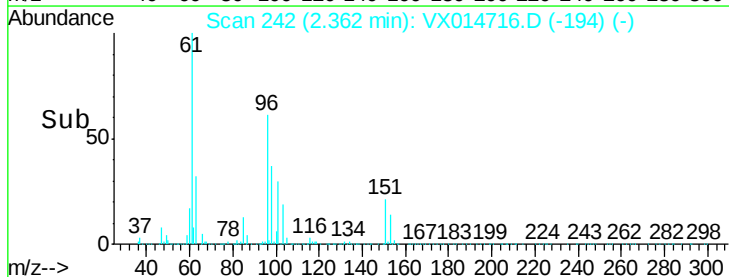
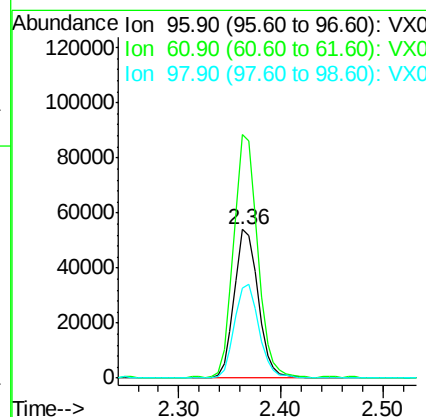
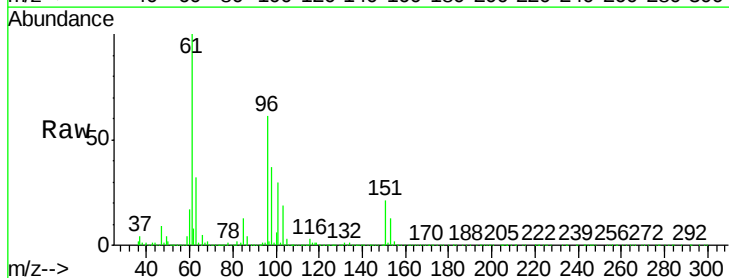
MMDadoda
1/28/2020 11:18:25 AM

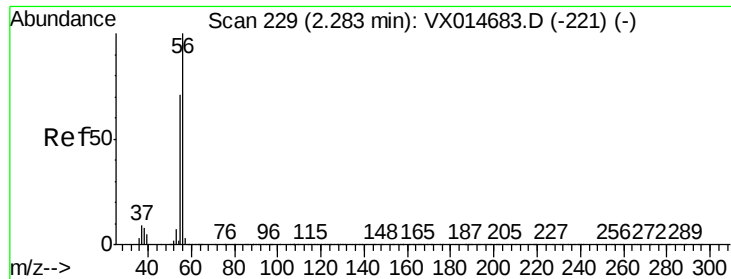


#12

1,1-Dichloroethene
Concen: 19.108 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	125.8	188.8
98	60.4	51.5	77.3





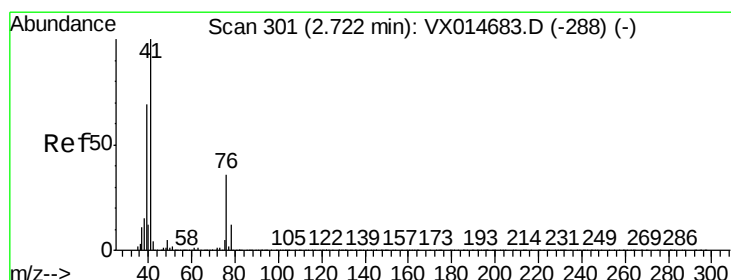
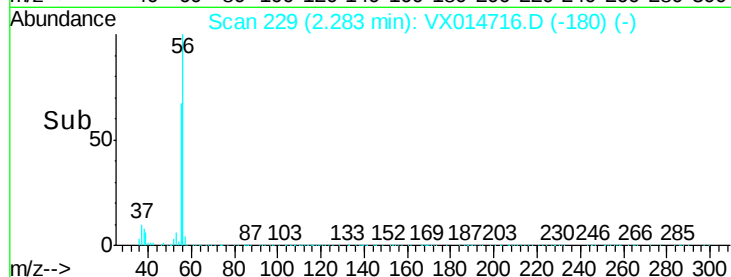
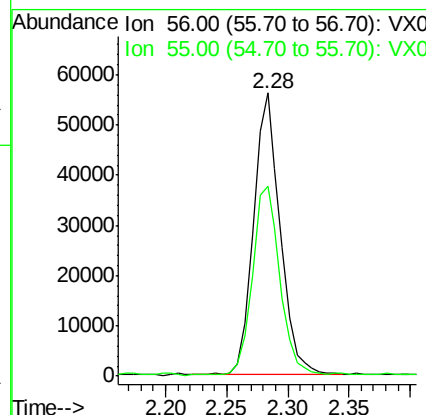
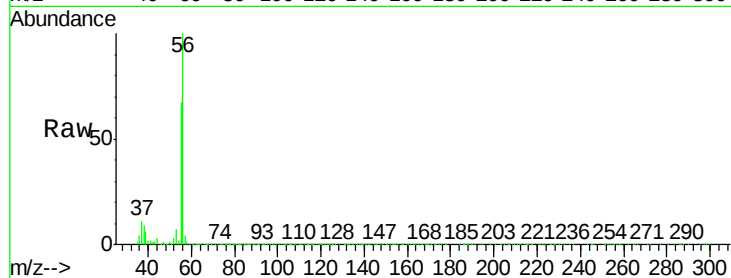
#13
Acrolein
Concen: 89.870 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.6	84.8

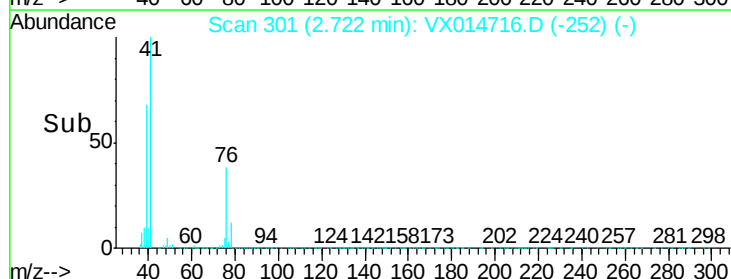
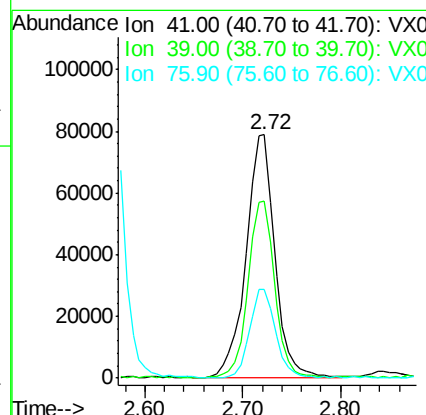
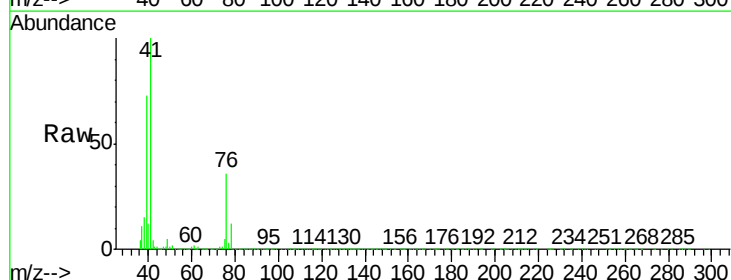
Manual Integrations
APPROVED

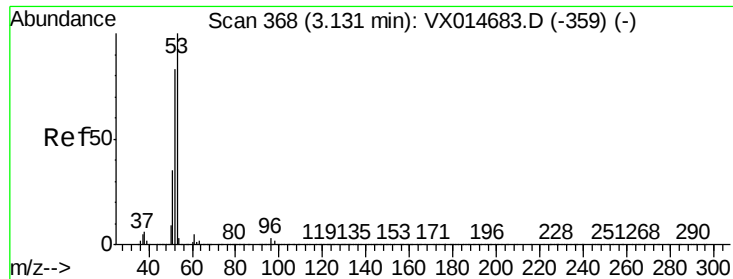
MMDadoda
1/28/2020 11:18:25 AM



#14
Allyl chloride
Concen: 19.519 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.7	52.0	78.0
76	32.3	26.0	39.0





#15

Acrylonitrile

Concen: 95.264 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

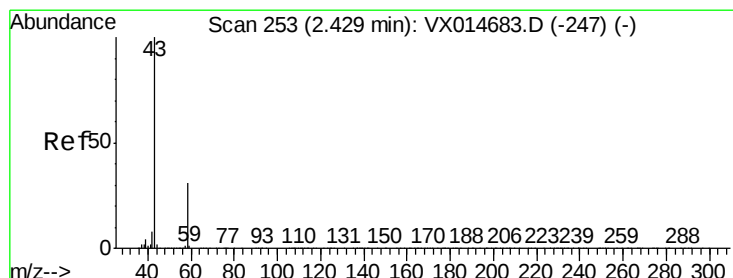
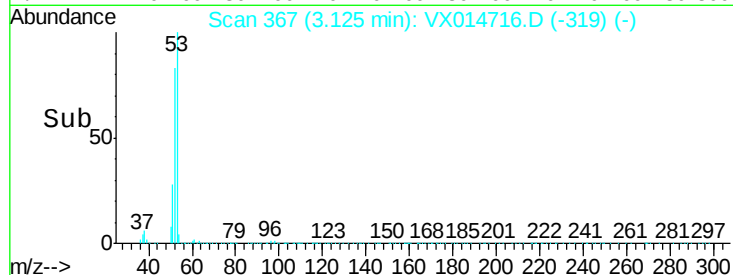
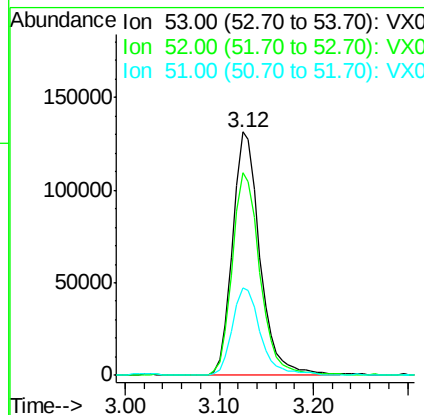
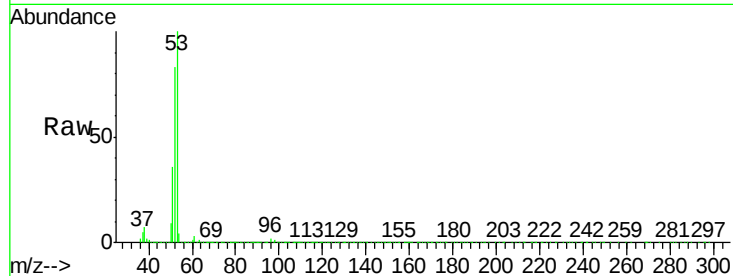
ClientSampleId :

VX0127WBS01

Tot Ion:	53	Resp:	264877
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.4	99.6
51	36.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 103.289 ug/l

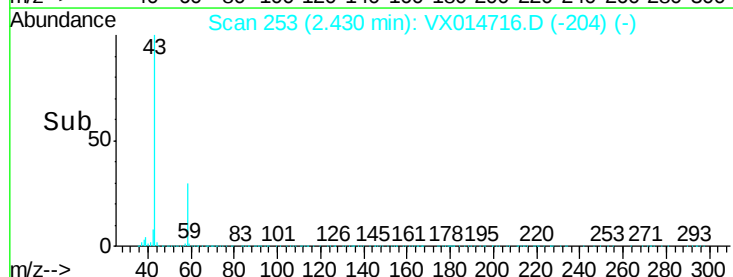
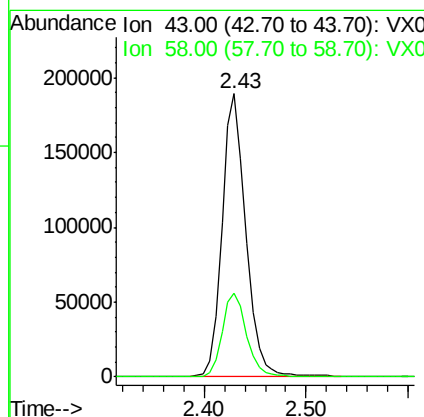
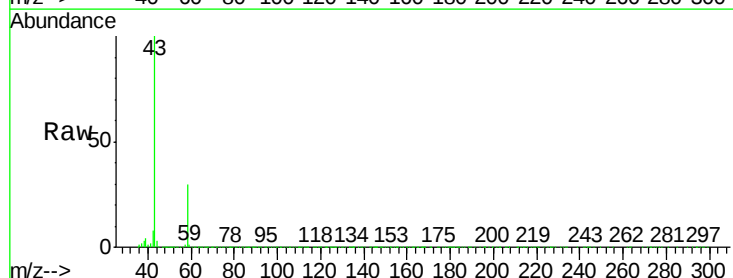
RT: 2.43 min Scan# 253

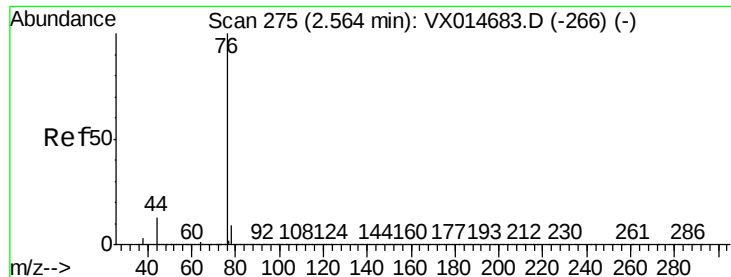
Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	43	Resp:	302745
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.5	36.7





#17

Carbon Disulfide

Concen: 19.083 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 76 Resp: 237643

Ion Ratio Lower Upper

76 100

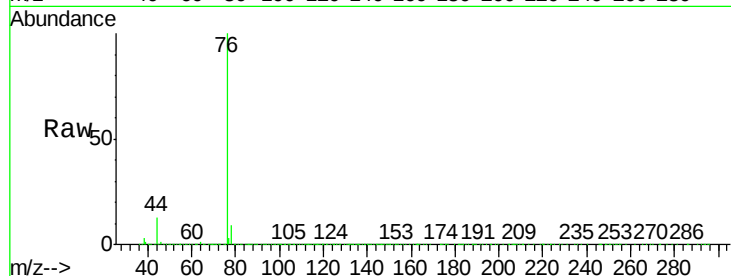
78 9.4 7.2 10.8

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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

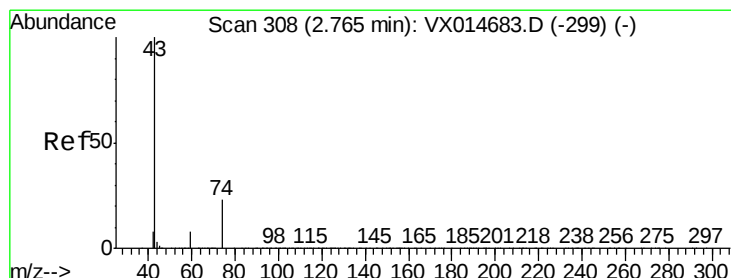
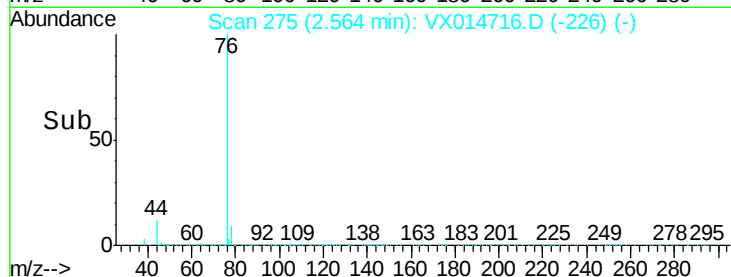
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 19.801 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014716.D

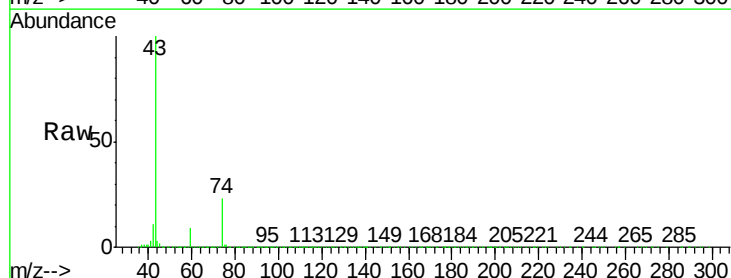
Acq: 27 Jan 2020 11:04

Tgt Ion: 43 Resp: 165804

Ion Ratio Lower Upper

43 100

74 23.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

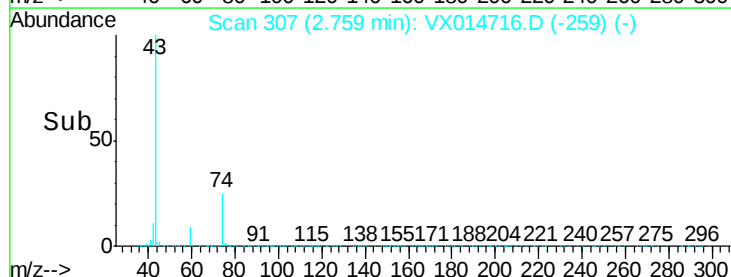
20000

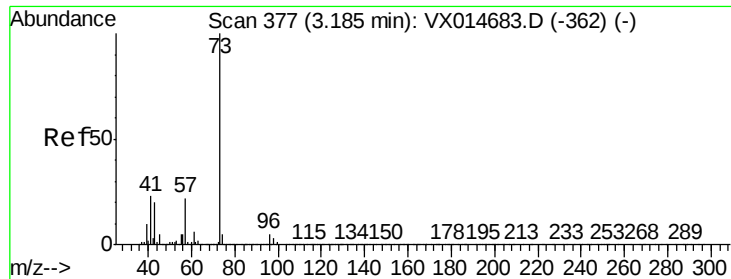
0

2.76

2.65 2.70 2.75 2.80 2.85

Time-->





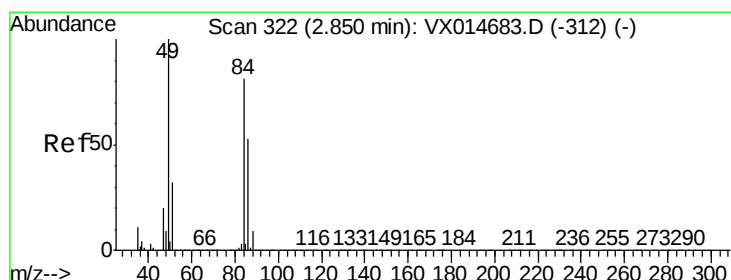
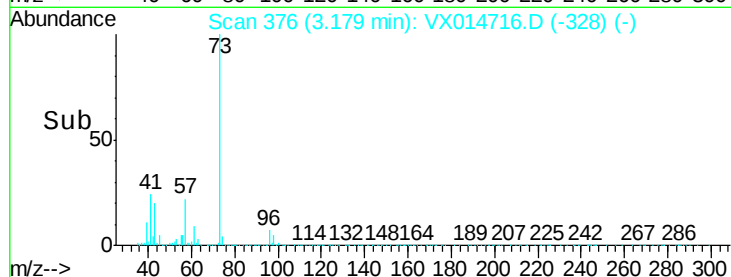
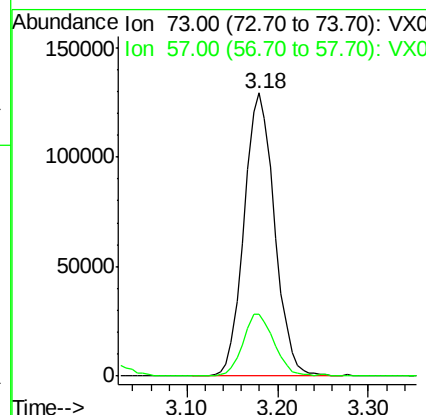
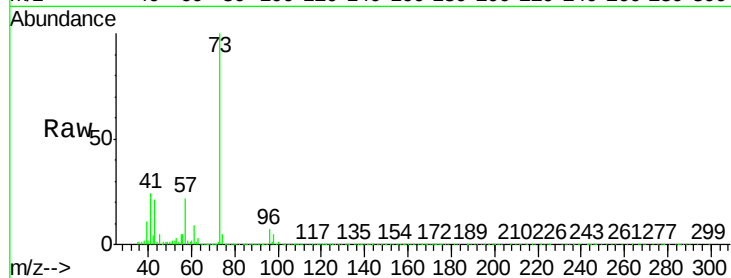
#19
Methyl tert-butyl Ether
Concen: 20.082 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleID :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.0	27.0

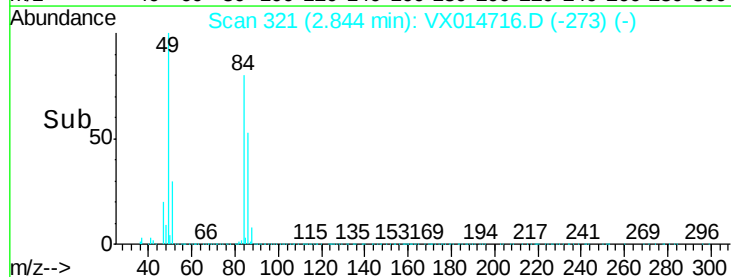
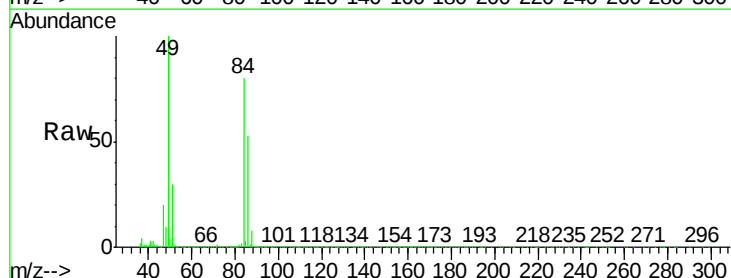
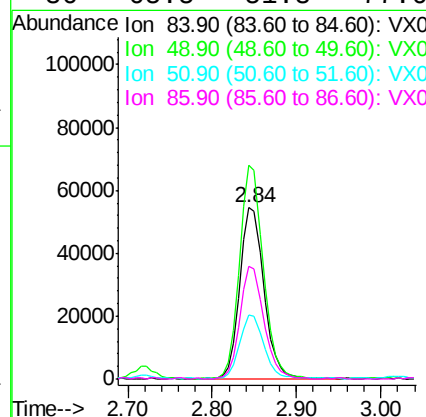
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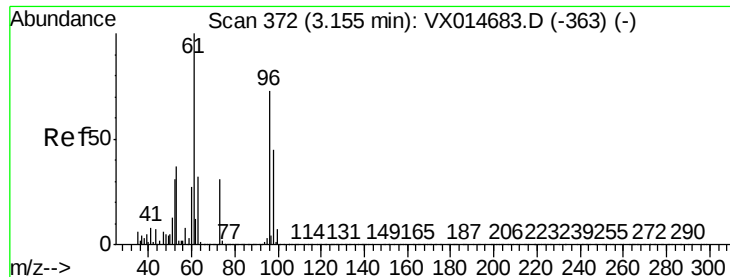
MMDadoda
1/28/2020 11:18:25 AM



#20
Methylene Chloride
Concen: 19.441 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	98.2	147.4
51	37.5	31.3	46.9
86	65.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.981 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

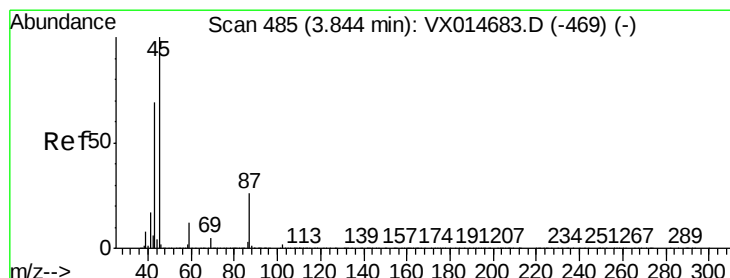
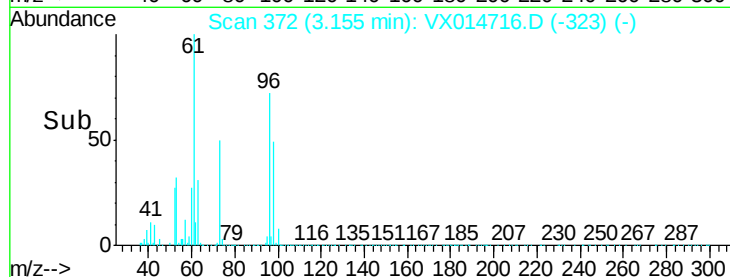
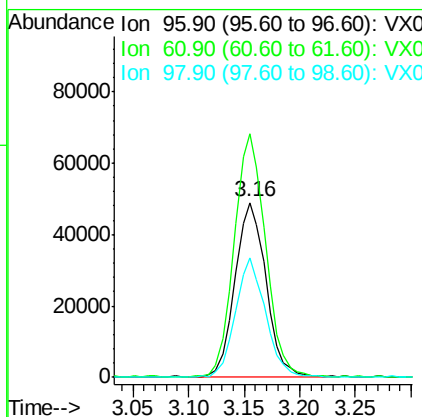
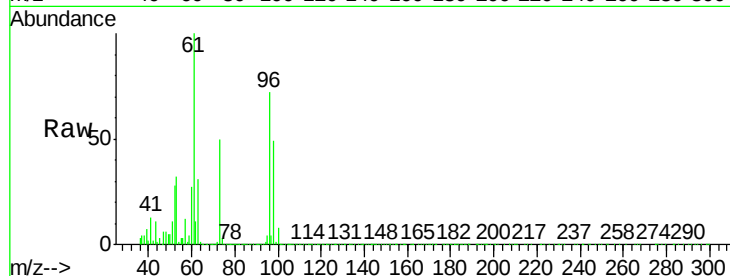
ClientSampleId :

VX0127WBS01

Tot Ion:	96	Resp:	95227
Ion	Ratio	Lower	Upper
96	100		
61	139.2	109.8	164.6
98	67.7	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.613 ug/l

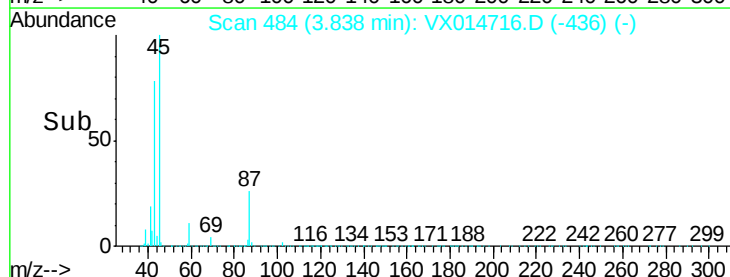
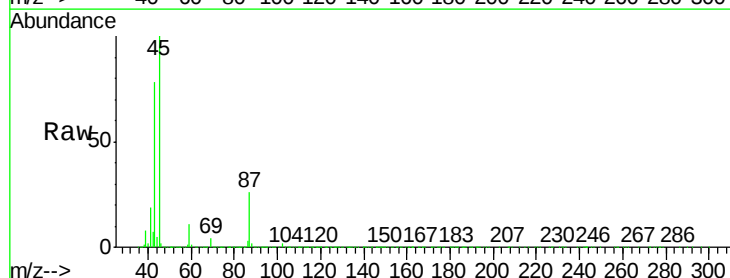
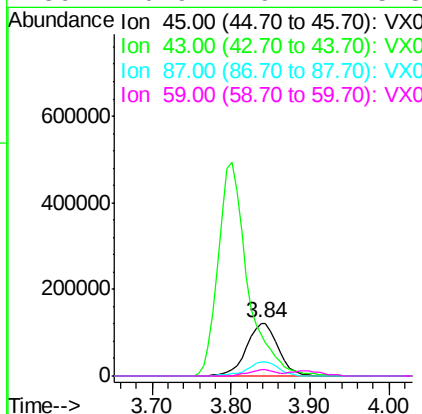
RT: 3.84 min Scan# 484

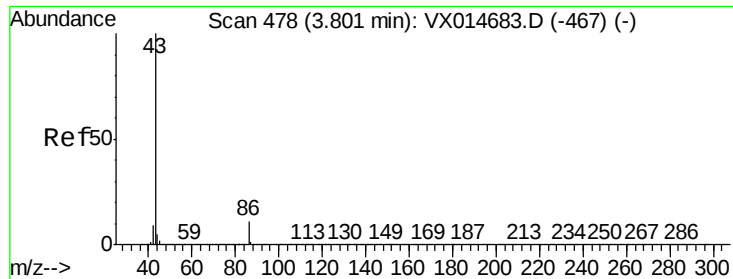
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	45	Resp:	335873
Ion	Ratio	Lower	Upper
45	100		
43	77.7	55.1	82.7
87	26.2	20.7	31.1
59	10.9	9.2	13.8





#23

Vinyl Acetate

Concen: 103.738 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 43 Resp: 1288534

Ion Ratio Lower Upper

43 100

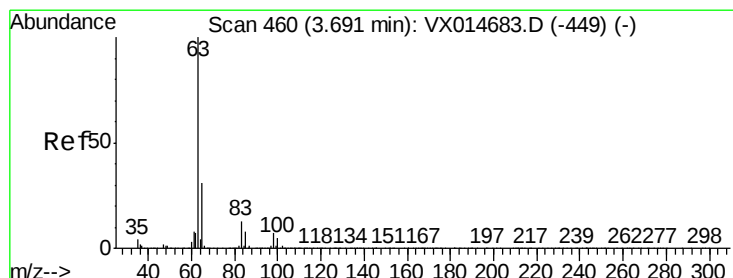
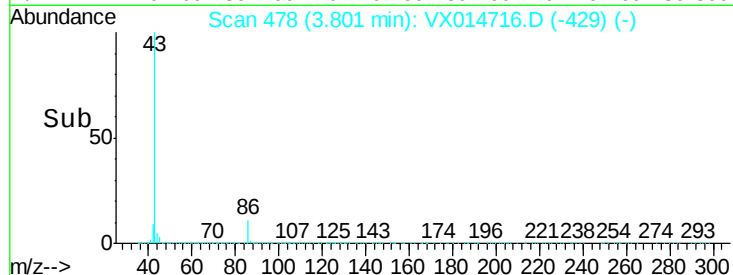
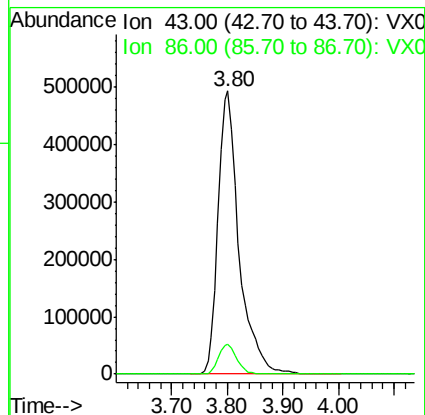
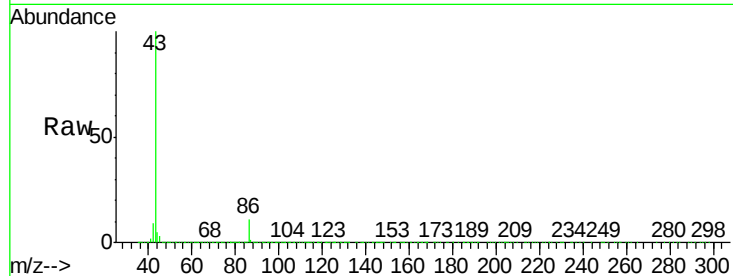
86 10.5 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.974 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

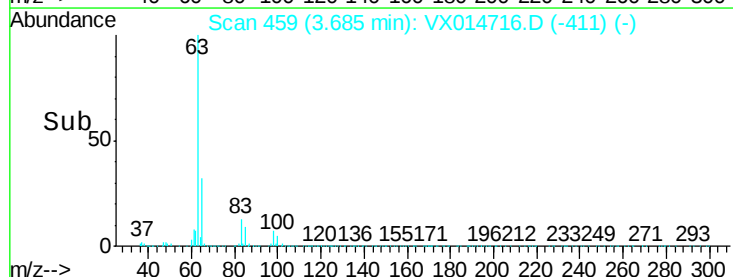
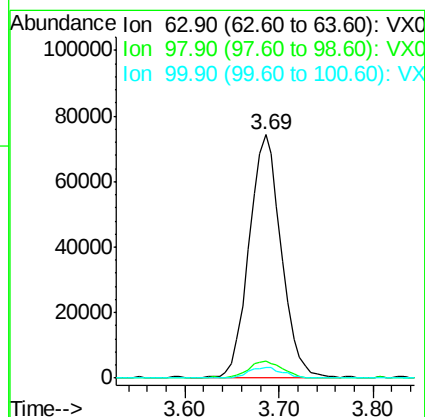
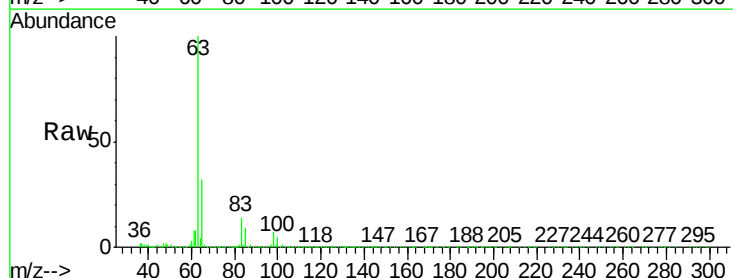
Tgt Ion: 63 Resp: 176750

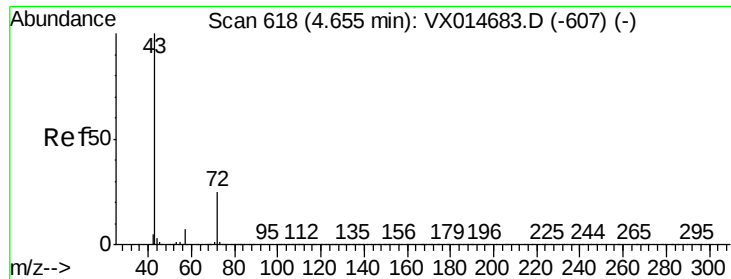
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 96.487 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 43 Resp: 405538

Ion Ratio Lower Upper

43 100

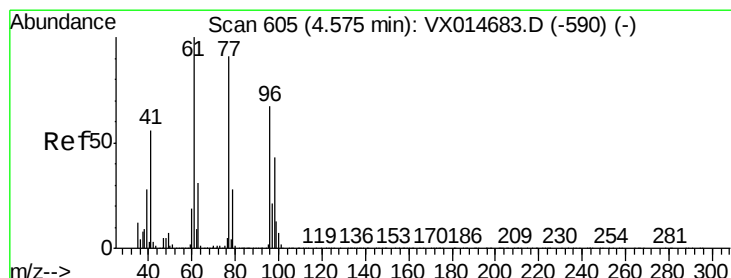
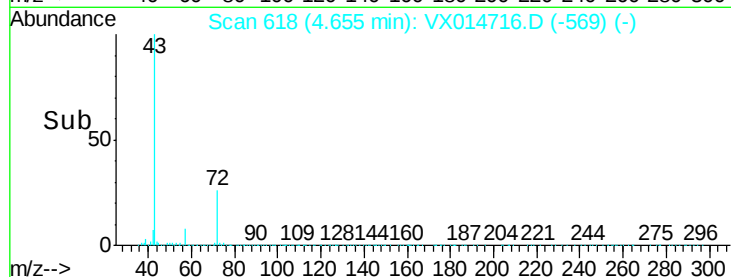
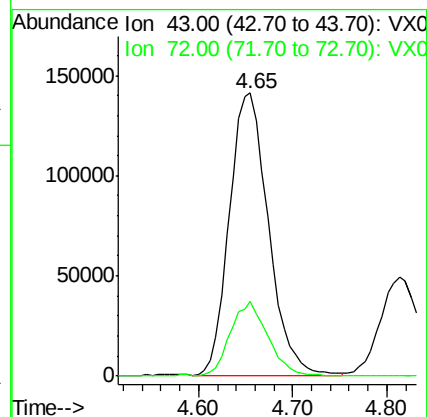
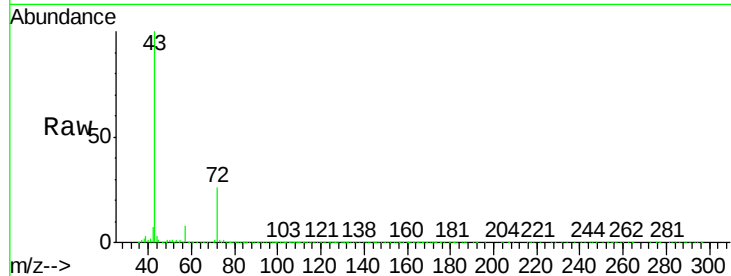
72 26.1 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.021 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014716.D

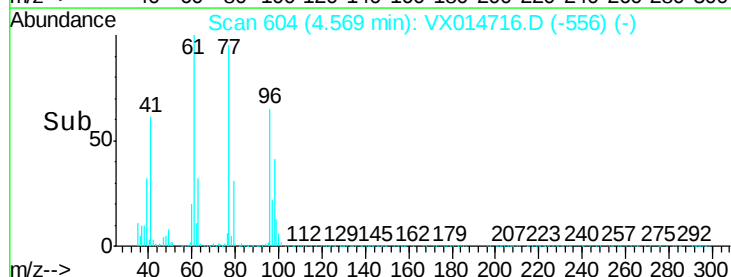
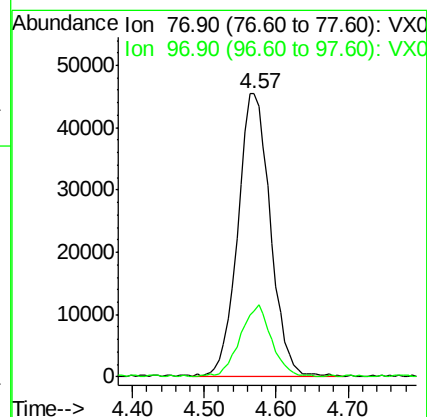
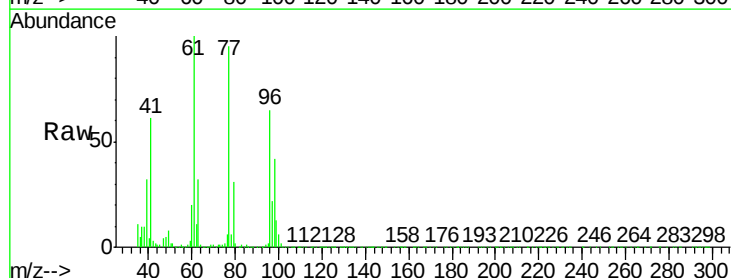
Acq: 27 Jan 2020 11:04

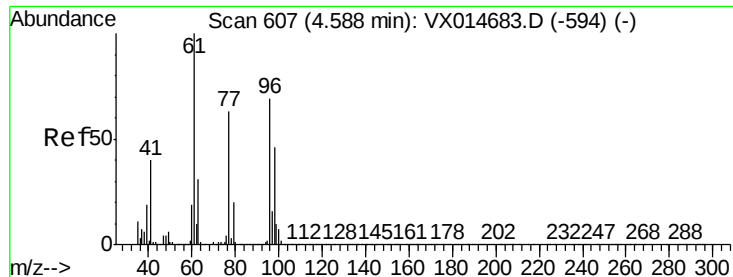
Tgt Ion: 77 Resp: 141812

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.3





#27

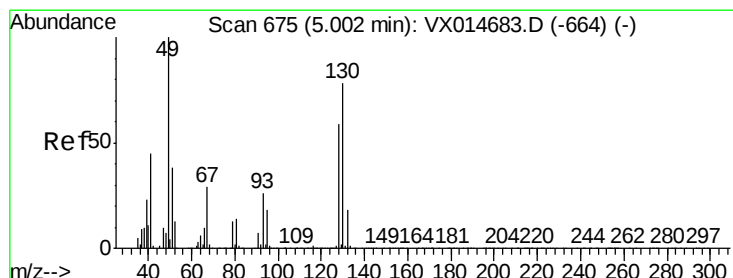
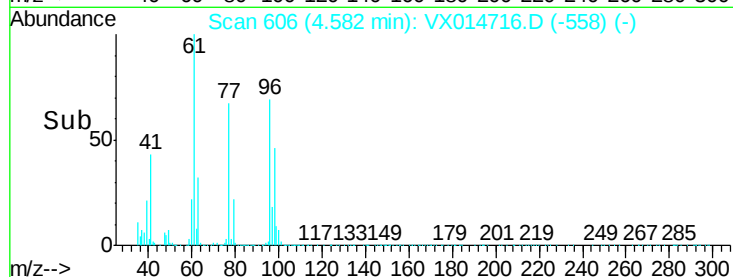
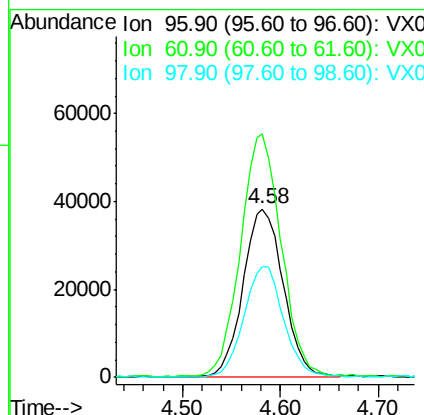
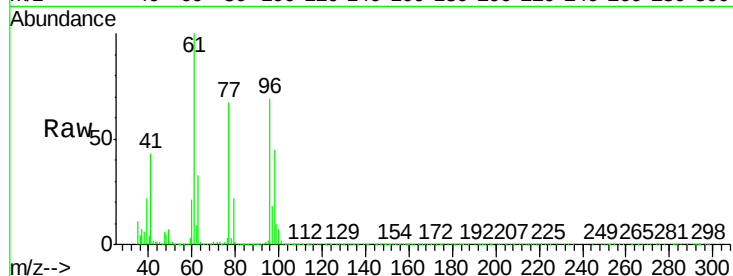
cis-1,2-Dichloroethene
Concen: 19.410 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	108987		
61	147.2	0.0	291.0	
98	64.9	0.0	129.8	

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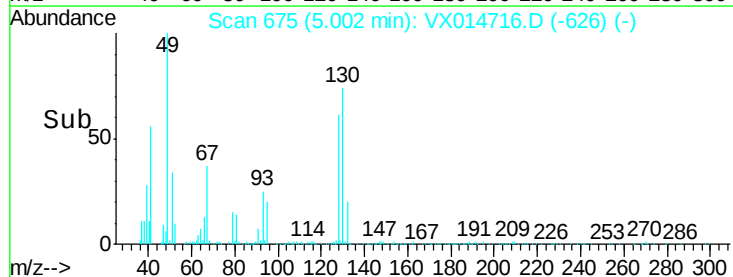
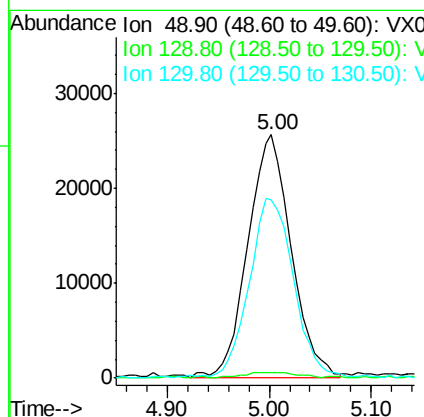
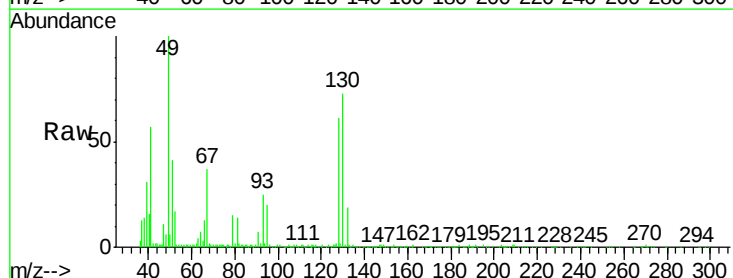
MMDadoda
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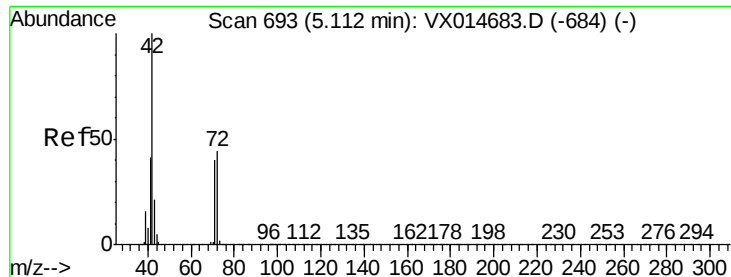


#28

Bromochloromethane
Concen: 19.528 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	75936		
129	3.0	0.0	4.8	
130	73.4	62.4	93.6	





#29

Tetrahydrofuran

Concen: 95.853 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

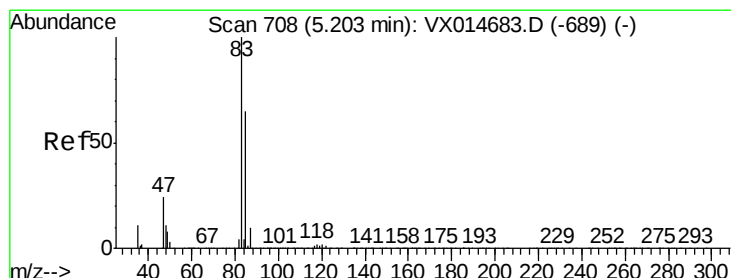
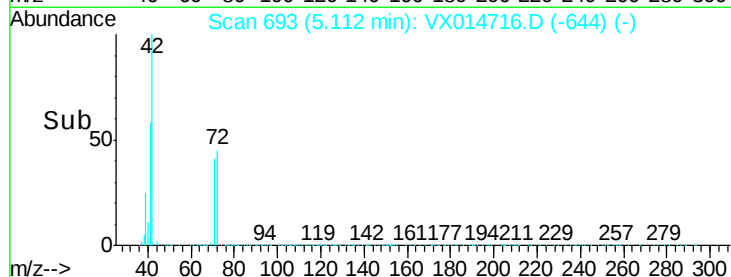
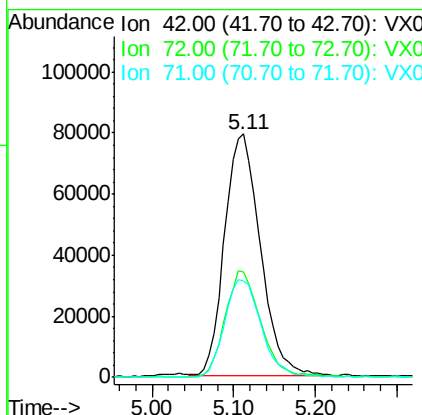
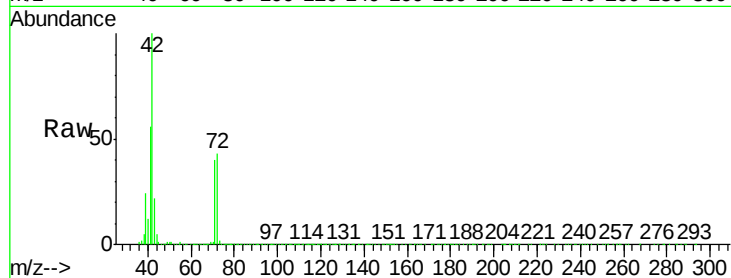
ClientSampled :

VX0127WBS01

Tot Ion:	42	Resp:	239113
Ion Ratio		Lower	Upper
42	100		
72	44.0	35.3	52.9
71	41.3	33.1	49.7

Manual Integrations
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#30

Chloroform

Concen: 19.882 ug/l

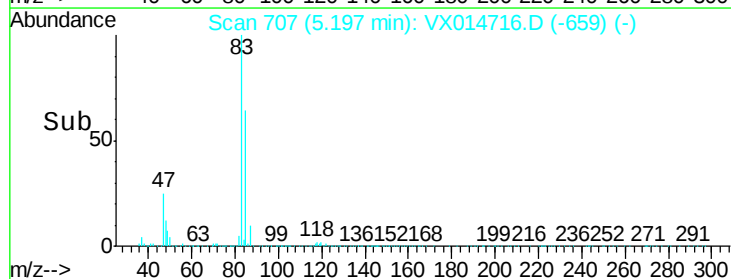
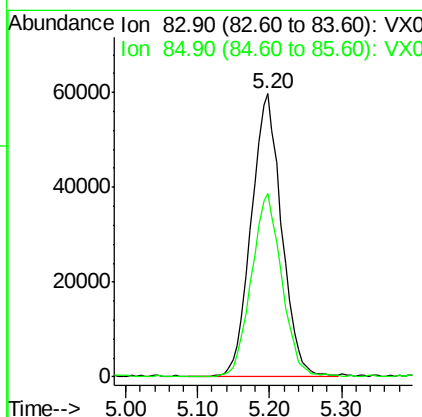
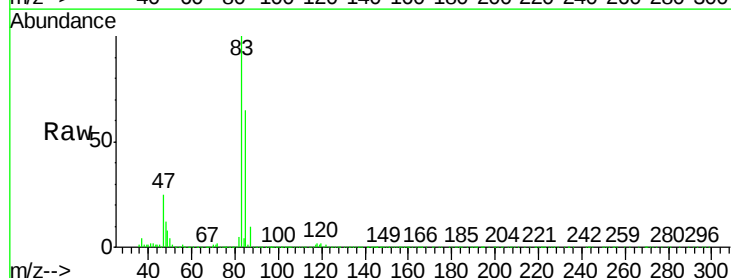
RT: 5.20 min Scan# 707

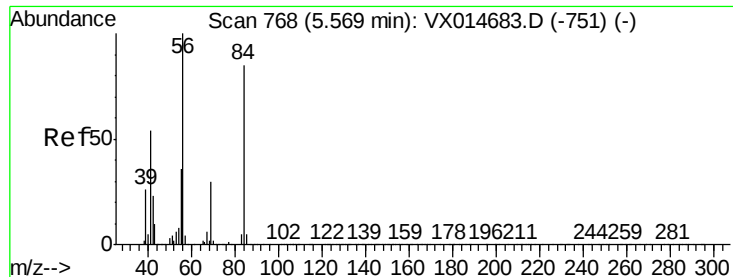
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	83	Resp:	174287
Ion Ratio		Lower	Upper
83	100		
85	64.7	51.7	77.5





#31

Cyclohexane

Concen: 19.477 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

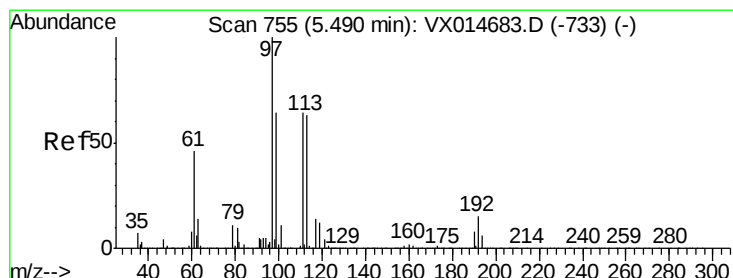
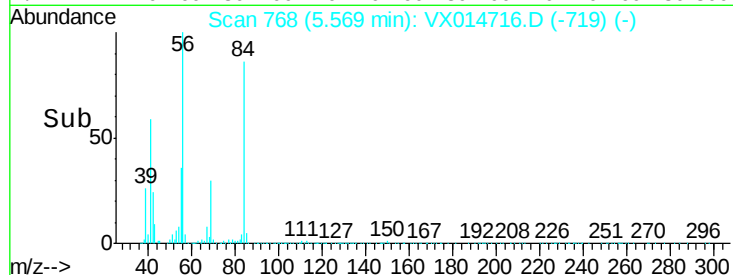
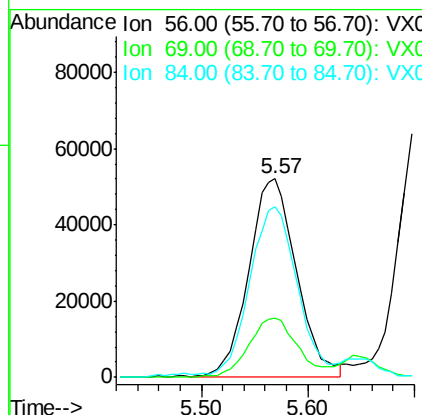
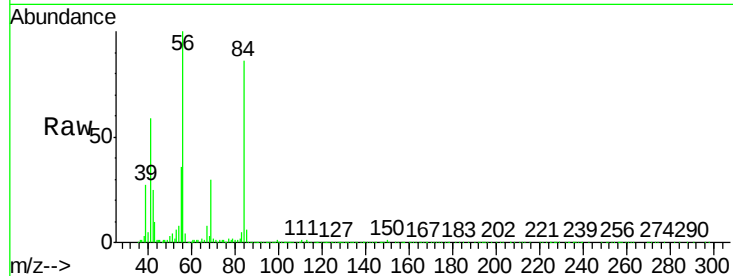
ClientSampleId :

VX0127WBS01

Tot Ion:	56	Resp:	162110
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.4	35.2
84	84.4	68.4	102.6

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#32

1,1,1-Trichloroethane

Concen: 19.971 ug/l

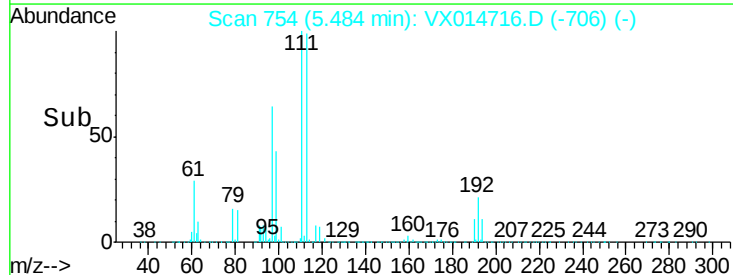
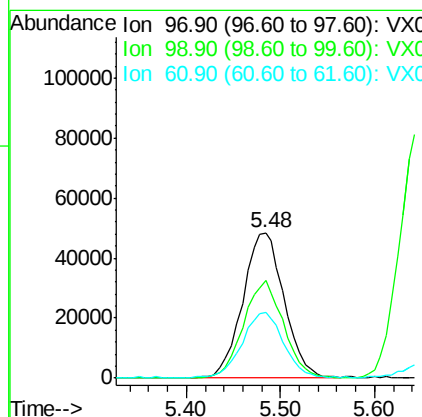
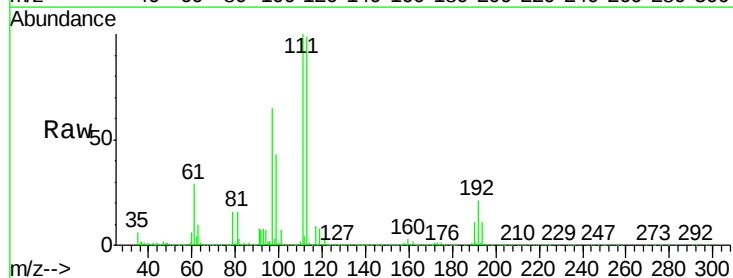
RT: 5.48 min Scan# 754

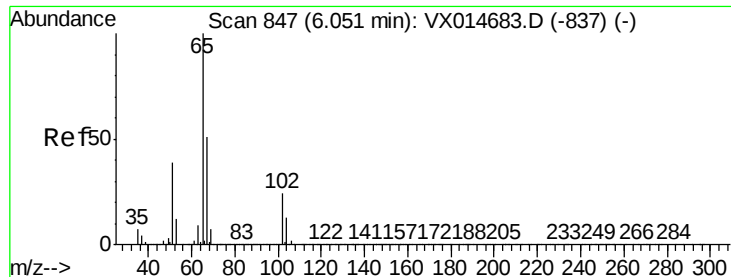
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	97	Resp:	147976
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	44.4	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 48.411 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 65 Resp: 259123

Ion Ratio Lower Upper

65 100

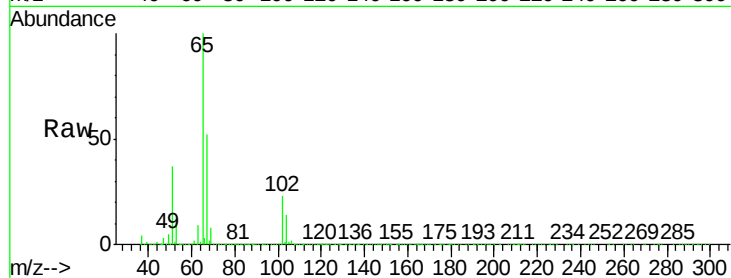
67 53.2 0.0 107.4

Manual Integrations

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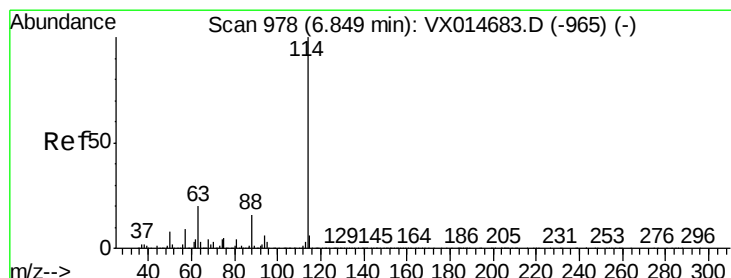
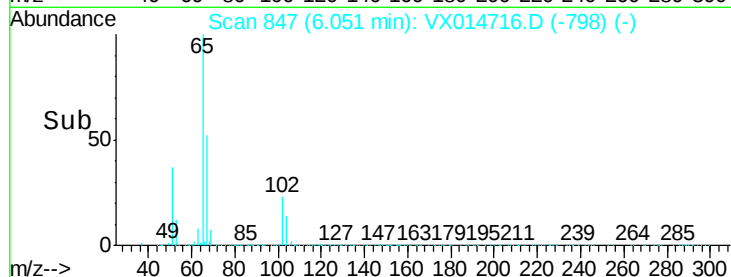
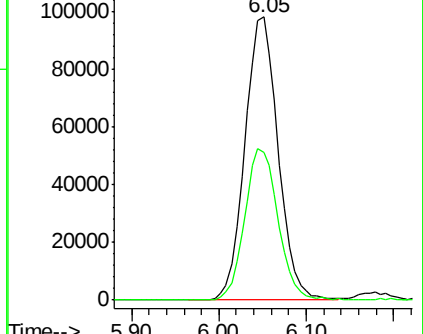
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

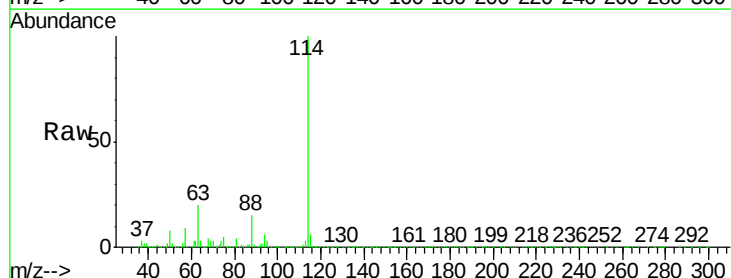
Tgt Ion: 114 Resp: 684583

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

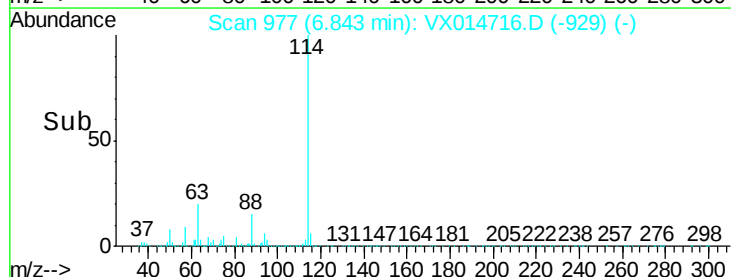
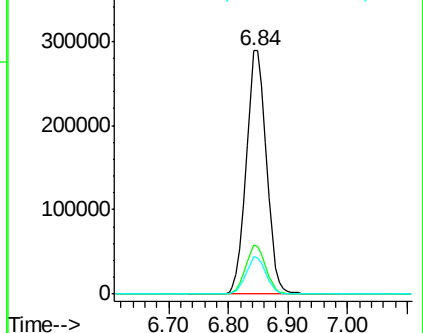
88 15.3 0.0 31.2

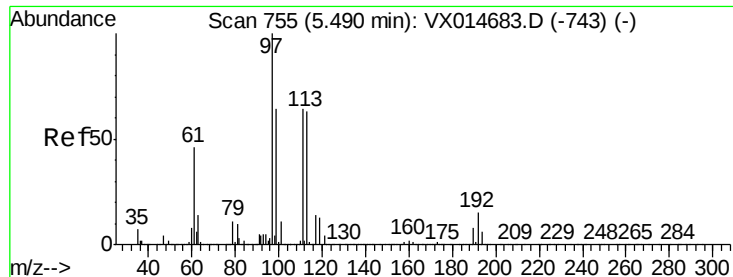


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.973 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

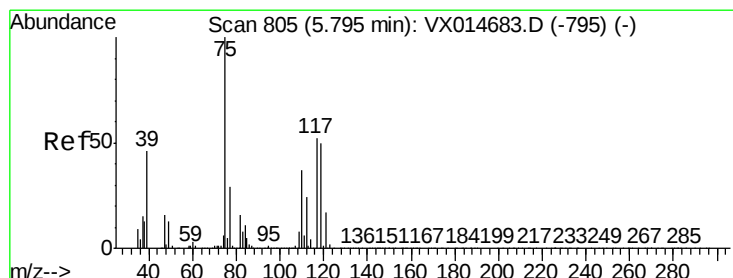
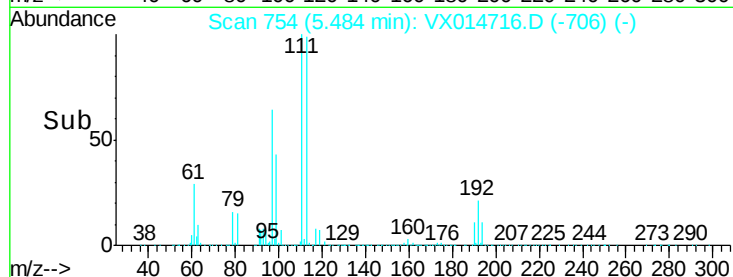
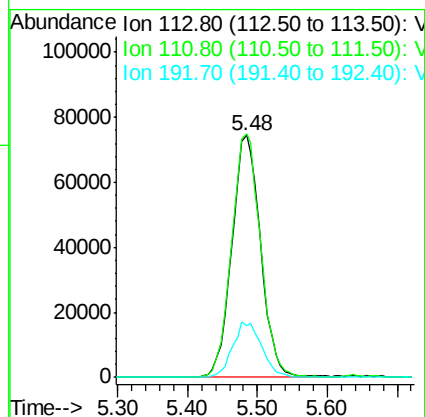
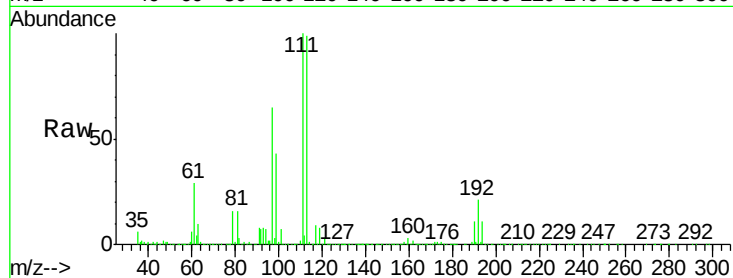
ClientSampleId :

VX0127WBS01

Tot Ion:	113	Resp:	211549
Ion Ratio	Lower	Upper	
113	100		
111	101.5	80.7	121.1
192	23.5	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 20.476 ug/l

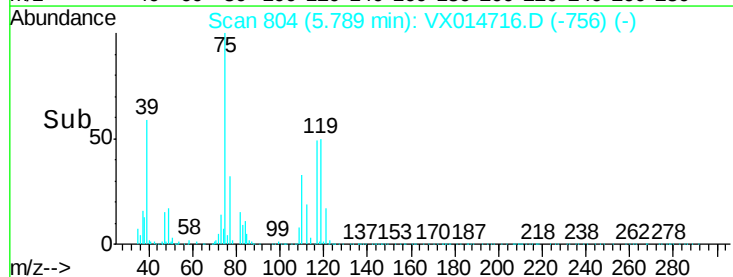
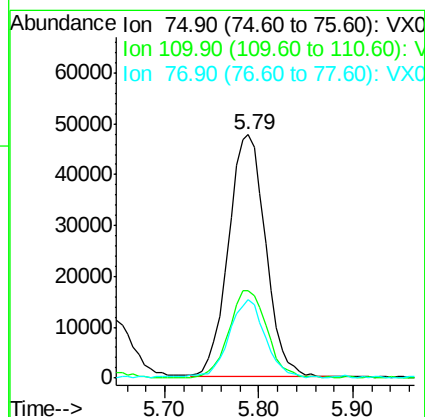
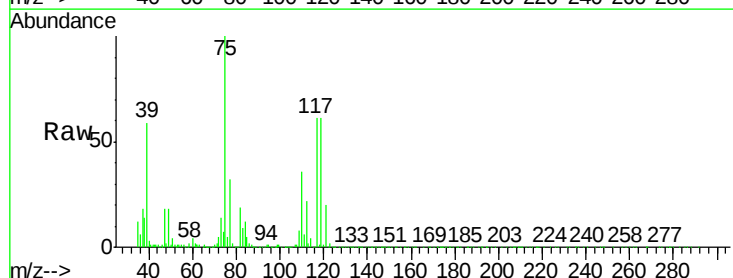
RT: 5.79 min Scan# 804

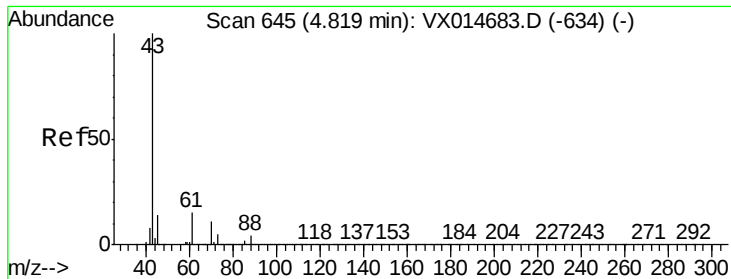
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	75	Resp:	130247
Ion Ratio	Lower	Upper	
75	100		
110	36.9	17.9	53.7
77	30.6	24.1	36.1





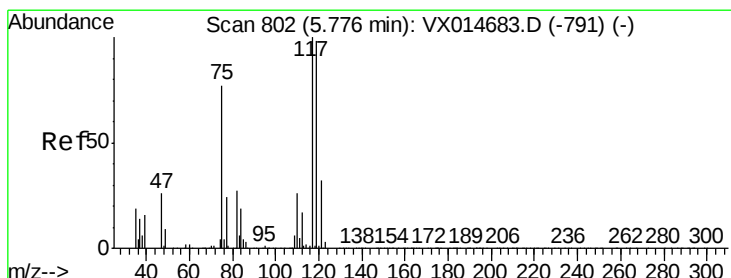
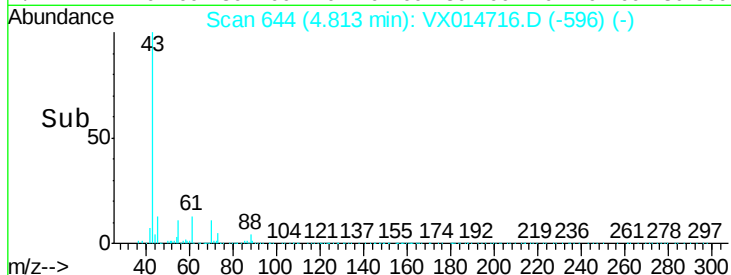
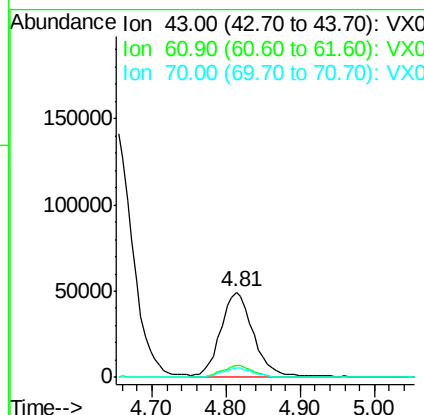
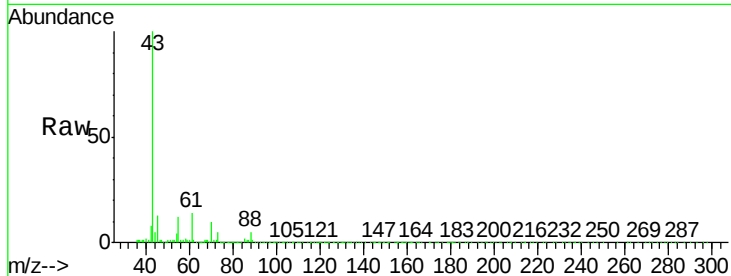
#37
Ethyl Acetate
Concen: 20.289 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.0	16.4
70	10.6	8.5	12.7

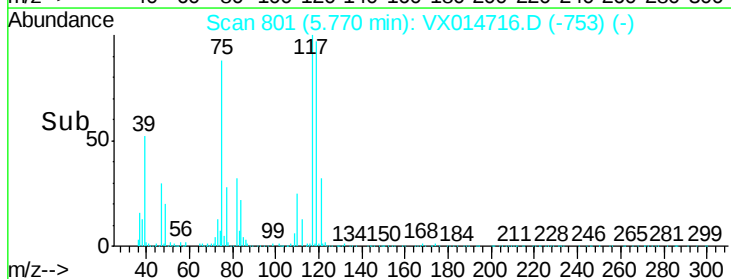
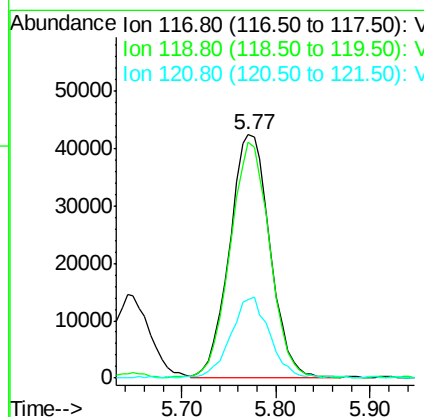
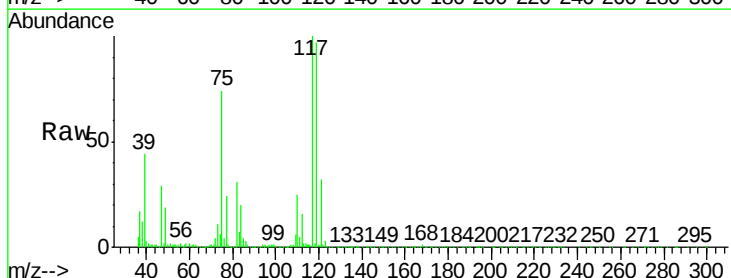
Manual Integrations
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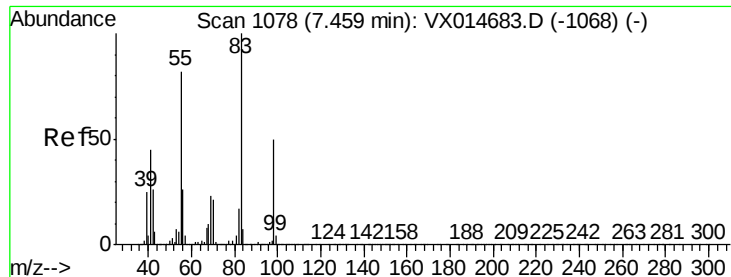
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#38
Carbon Tetrachloride
Concen: 20.795 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.9	116.9
121	31.6	25.4	38.2





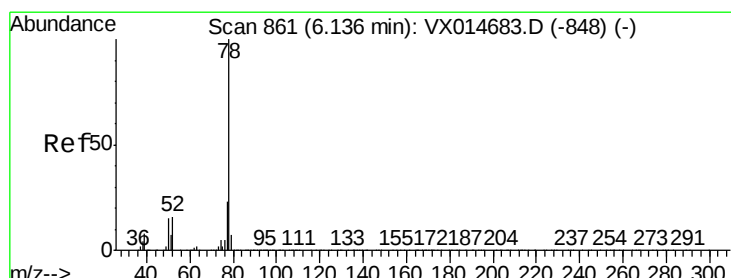
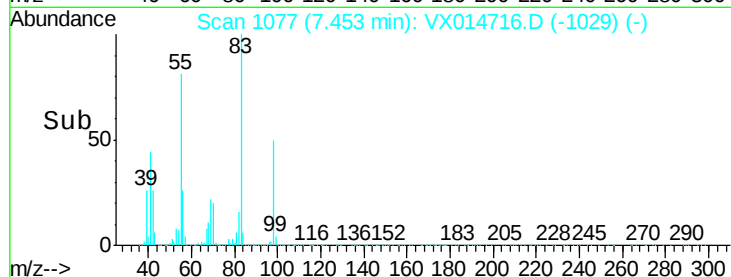
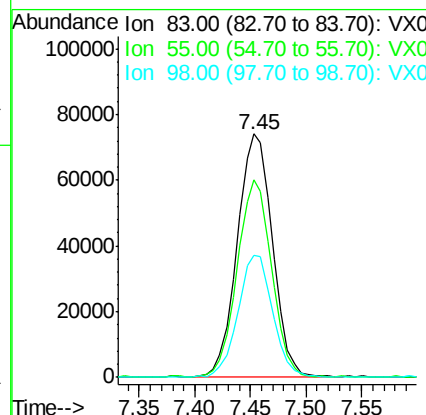
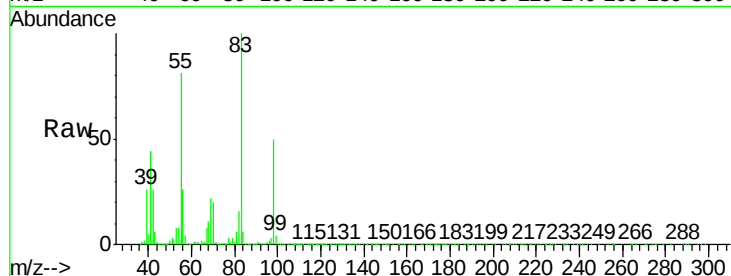
#39
Methvlcvclohexane
Concen: 20.198 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.6	98.4
98	50.2	40.2	60.4

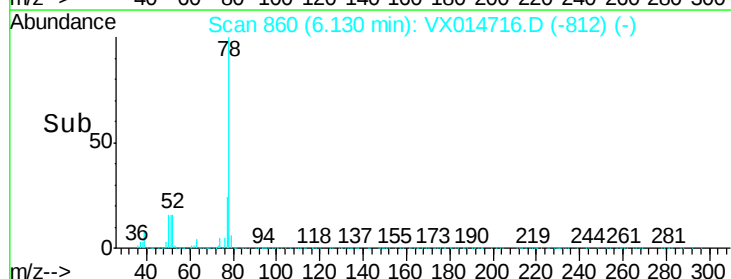
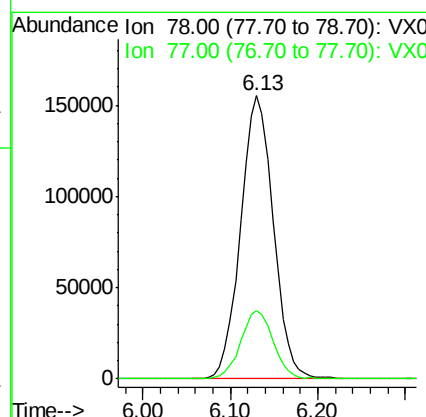
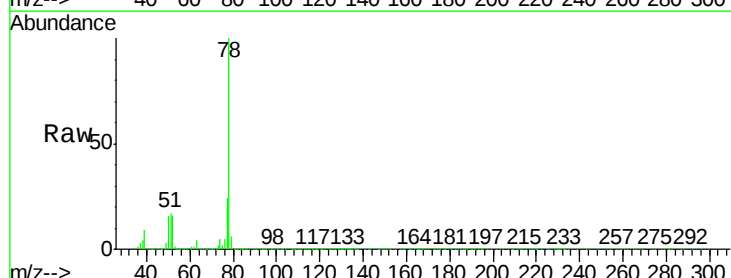
Manual Integrations
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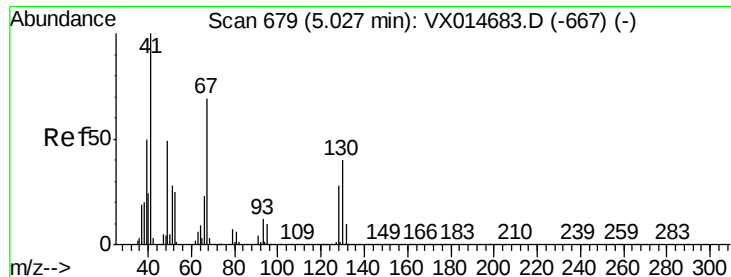
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#40
Benzene
Concen: 20.464 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





#41

Methacrylonitrile

Concen: 19.400 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

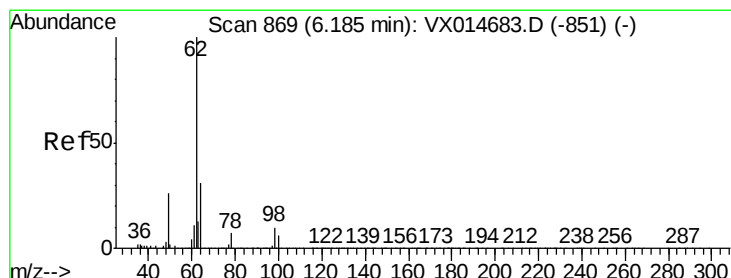
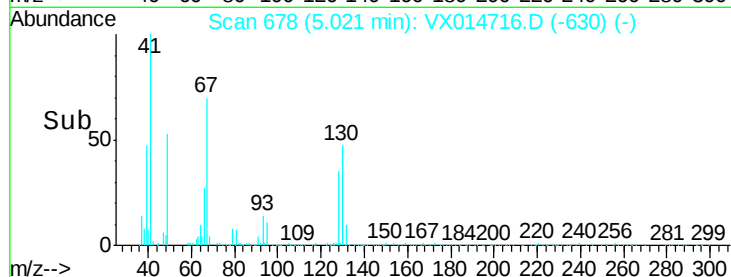
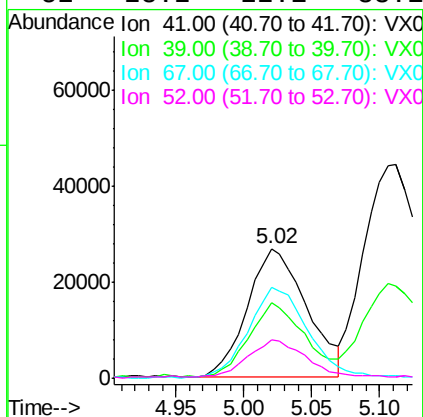
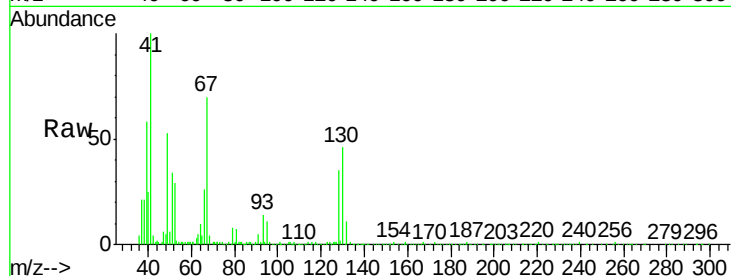
ClientSampleId :

VX0127WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		81285		
39	53.9	42.2	63.2		
67	70.7	55.4	83.0		
52	28.2	22.1	33.1		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.014 ug/l

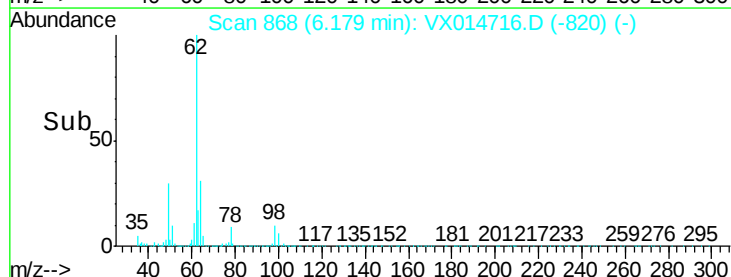
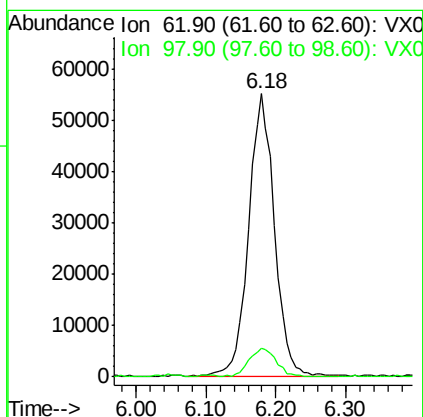
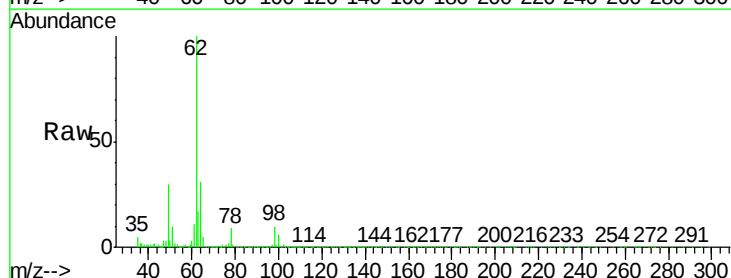
RT: 6.18 min Scan# 868

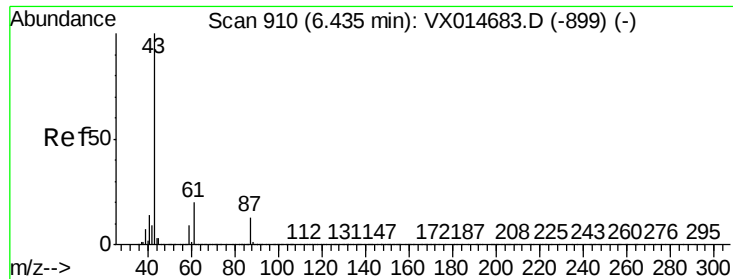
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		142624		
98	10.4	0.0	20.0		





#43

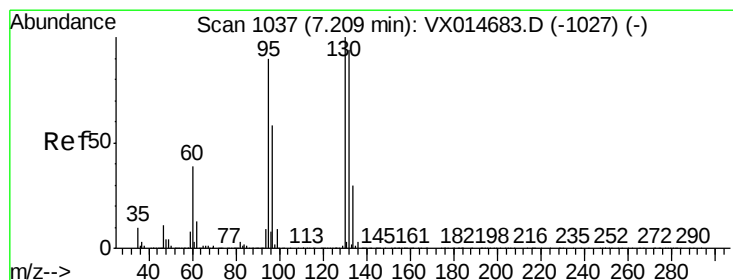
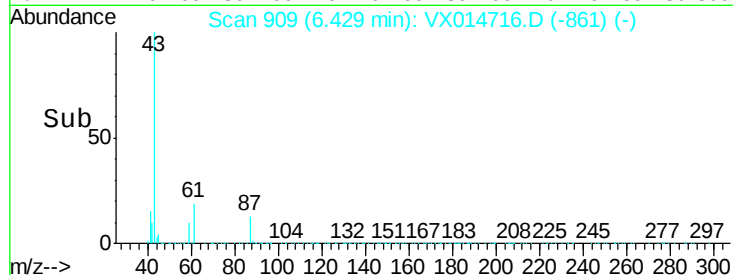
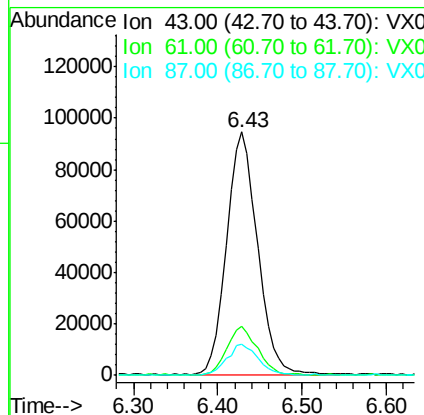
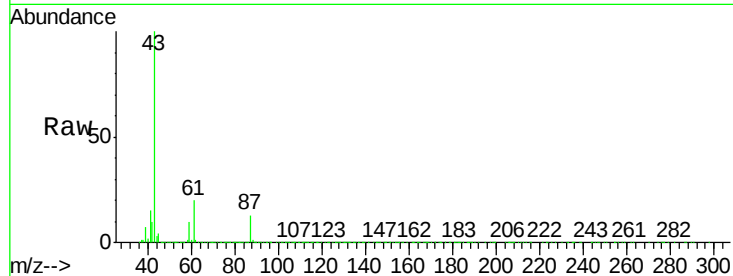
Isopropyl Acetate
 Concen: 19.751 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.2	24.4
87	13.2	10.5	15.7

Manual Integrations
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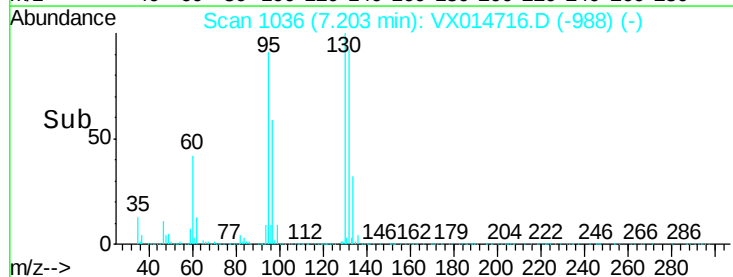
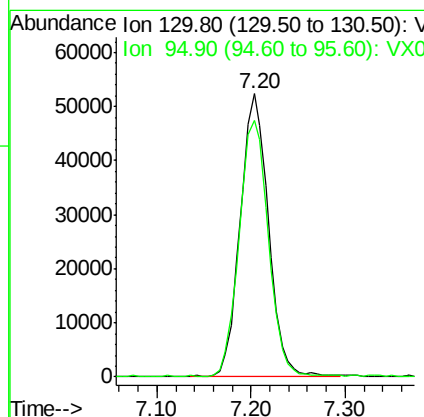
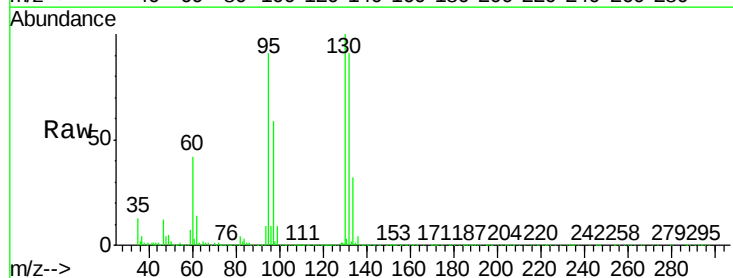
MMDadoda
 1/28/2020 11:18:25 AM

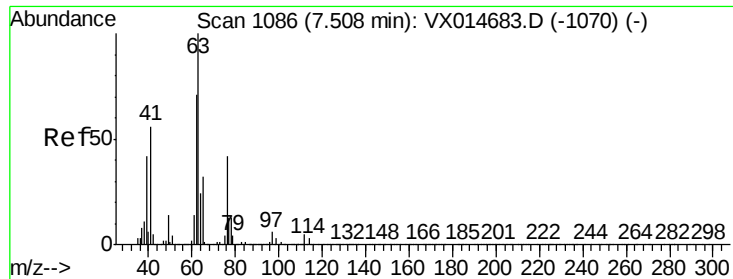


#44

Trichloroethene
 Concen: 19.681 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	179.8





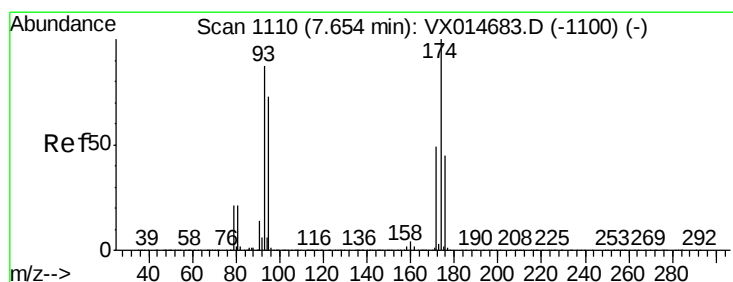
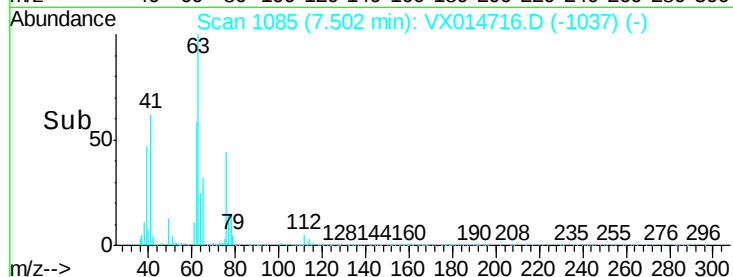
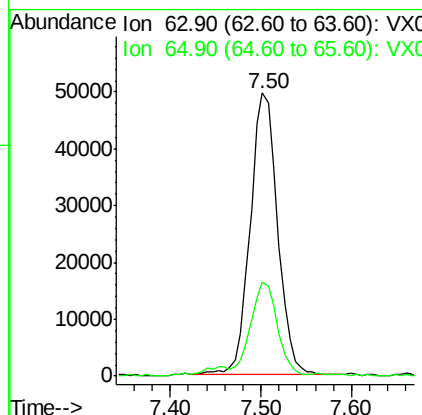
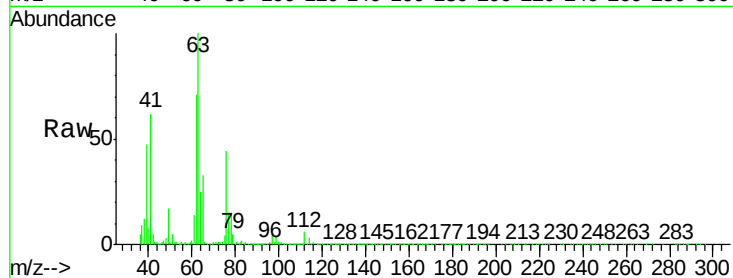
#45
 1,2-Dichloropropane
 Concen: 20.491 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	25.2	37.8

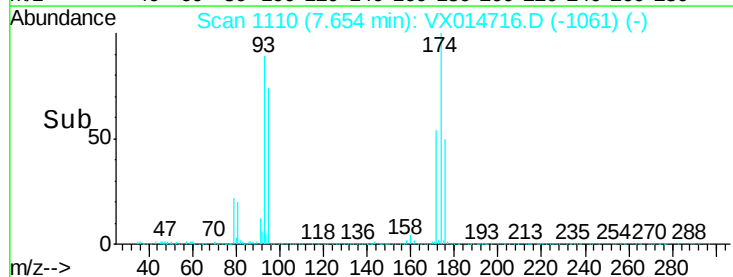
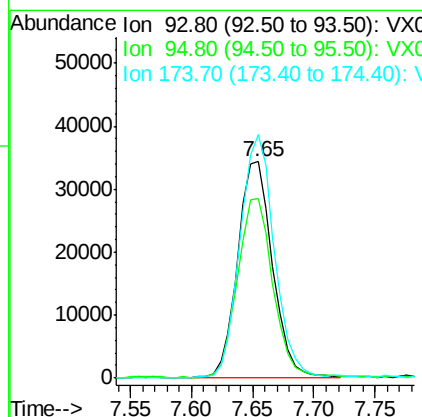
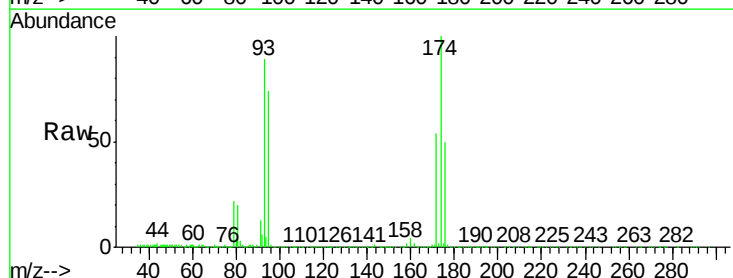
Manual Integrations
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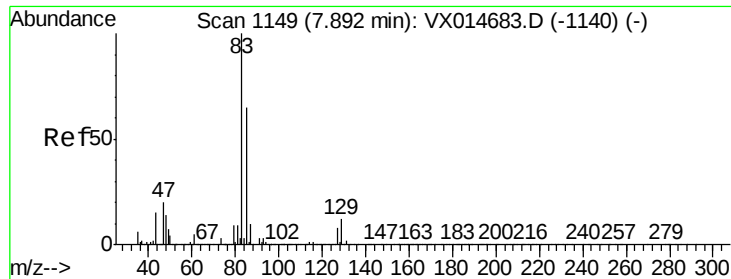
MMDadoda
 1/28/2020 11:18:25 AM



#46
 Dibromomethane
 Concen: 20.587 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.4
174	112.0	90.2	135.2





#47

Bromodichloromethane

Concen: 20.610 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

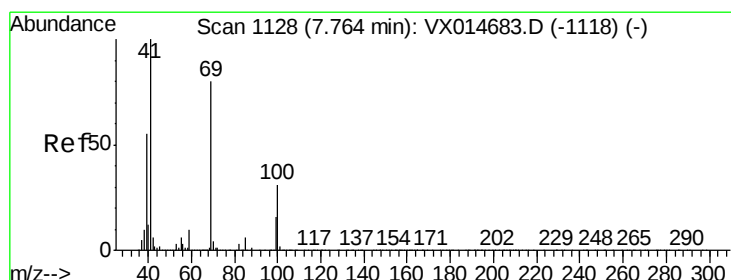
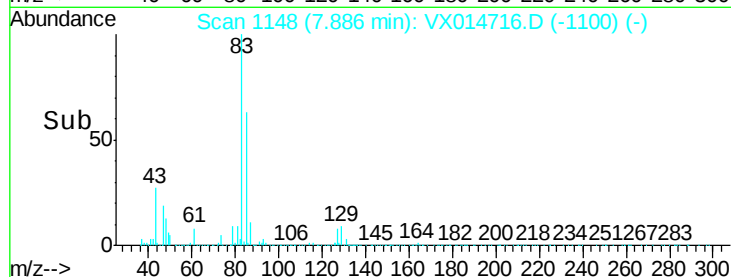
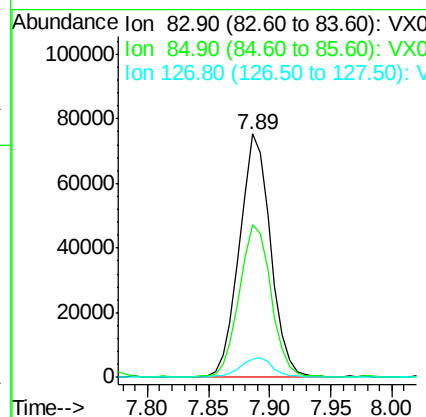
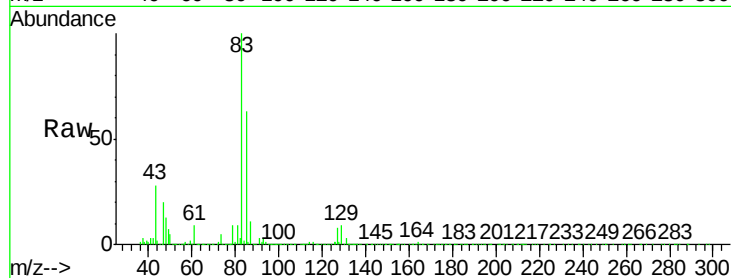
ClientSampleId :

VX0127WBS01

Tot Ion:	83	Resp:	132560
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.2	78.2
127	7.5	6.4	9.6

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 20.423 ug/l

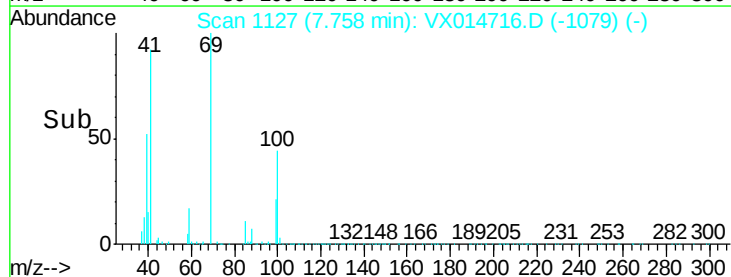
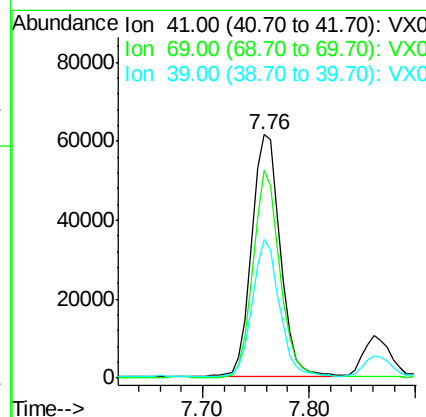
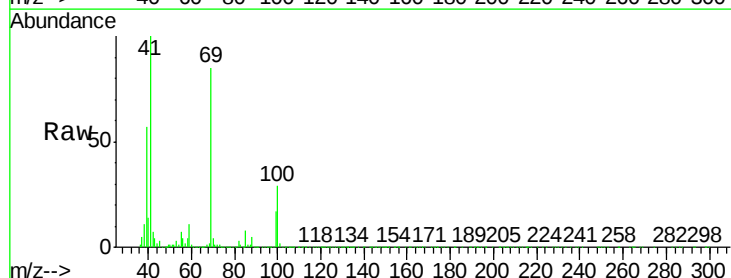
RT: 7.76 min Scan# 1127

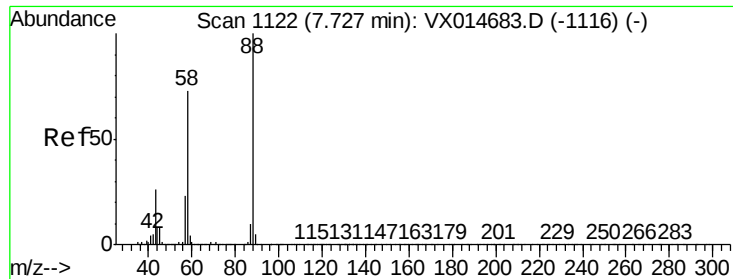
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	41	Resp:	116419
Ion	Ratio	Lower	Upper
41	100		
69	80.3	63.5	95.3
39	54.1	43.7	65.5





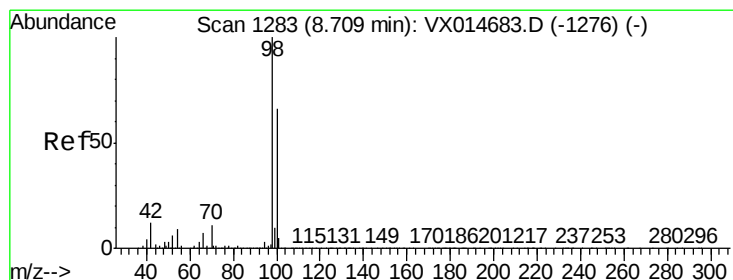
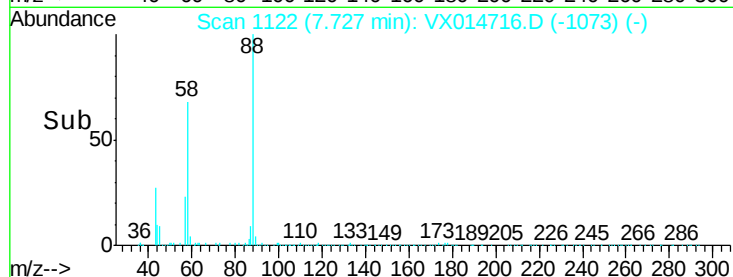
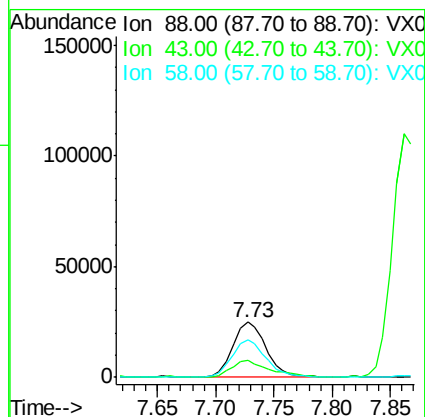
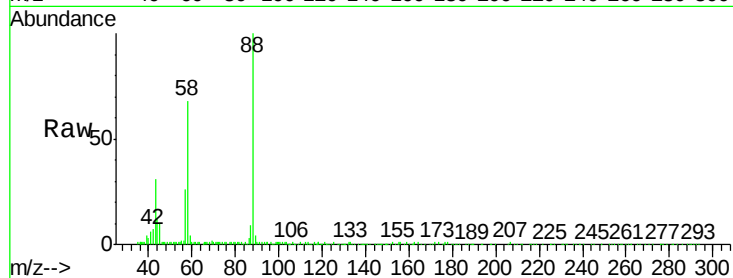
#49
1,4-Dioxane
Concen: 401.923 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.2	39.2
58	69.9	56.6	85.0

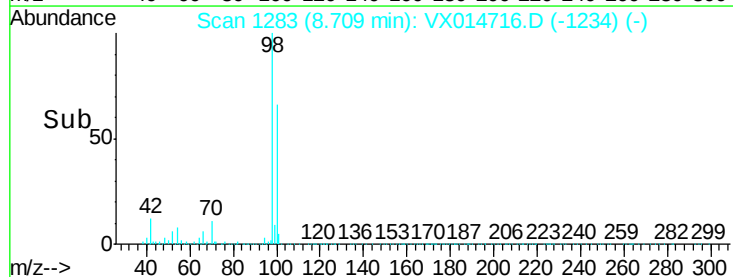
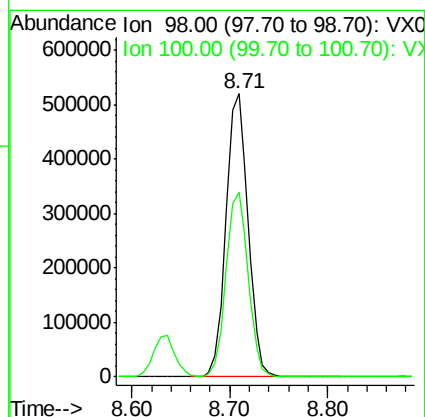
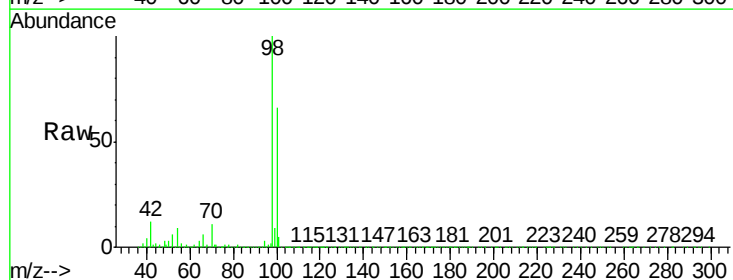
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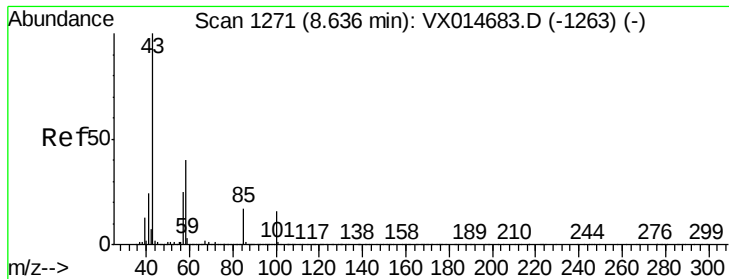
MMDadoda
1/28/2020 11:18:25 AM



#50
Toluene-d8
Concen: 48.824 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 99.440 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 43 Resp: 748783

Ion Ratio Lower Upper

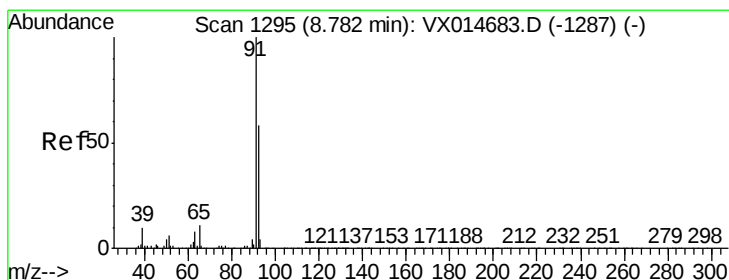
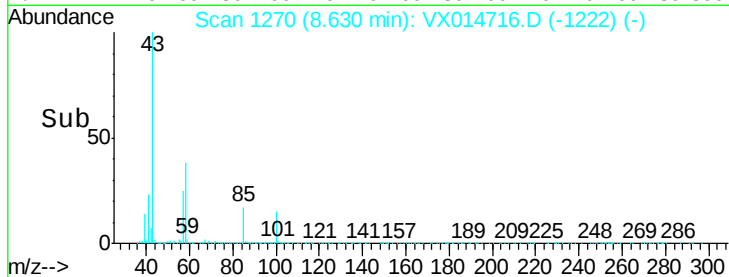
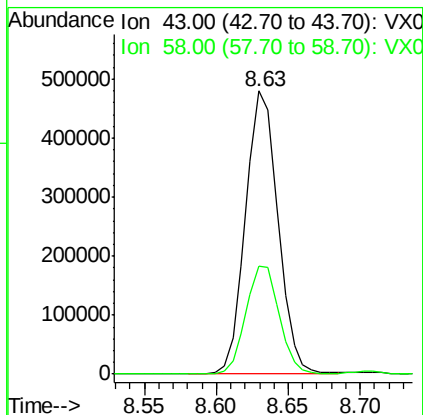
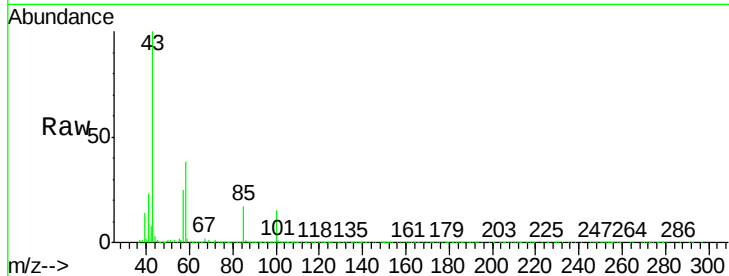
43 100

58 39.3 31.6 47.4

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#52

Toluene

Concen: 20.897 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014716.D

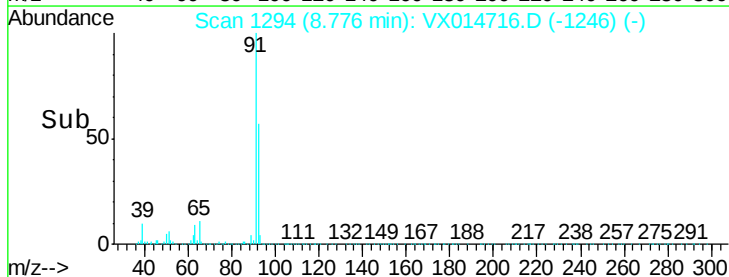
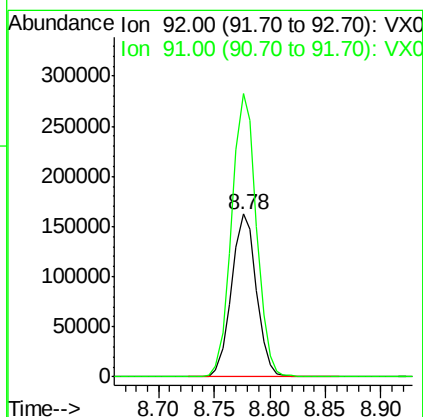
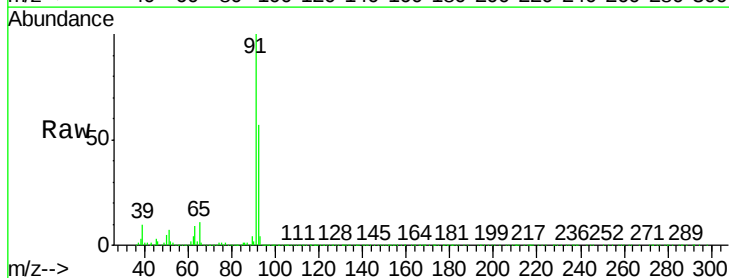
Acq: 27 Jan 2020 11:04

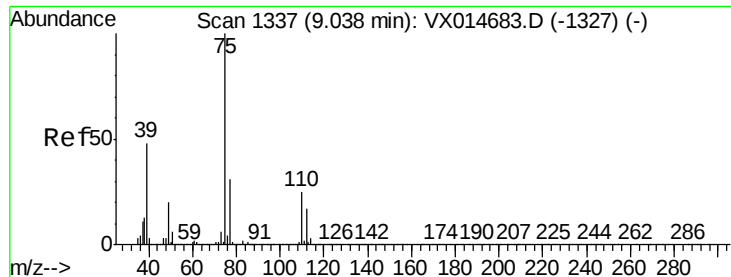
Tgt Ion: 92 Resp: 252479

Ion Ratio Lower Upper

92 100

91 172.7 135.9 203.9





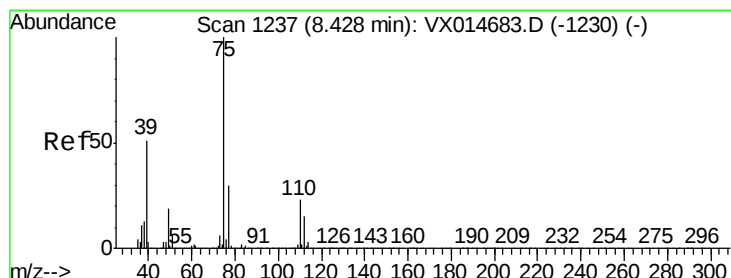
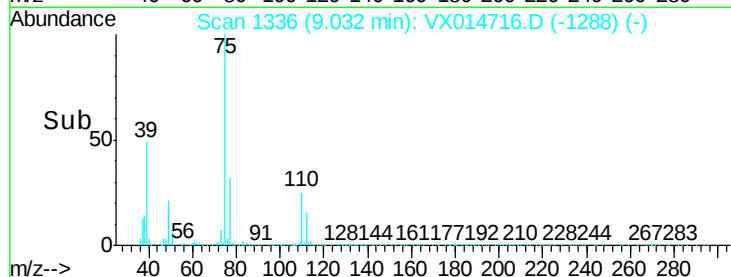
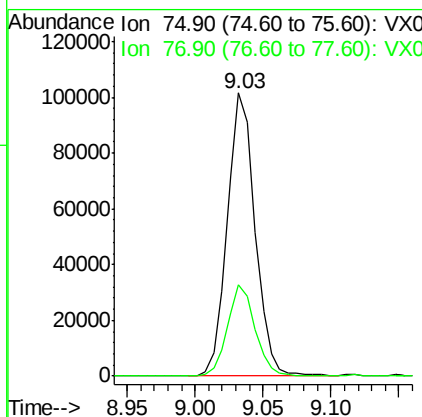
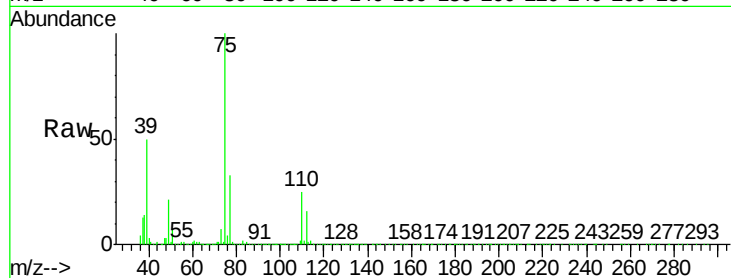
#53
t-1,3-Dichloropropene
Concen: 20.692 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.9	37.3

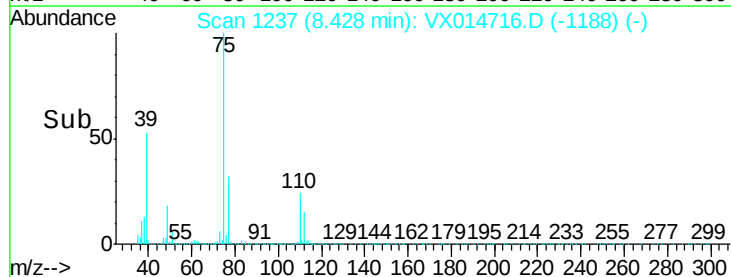
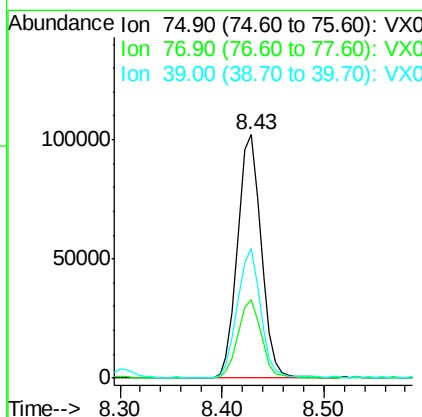
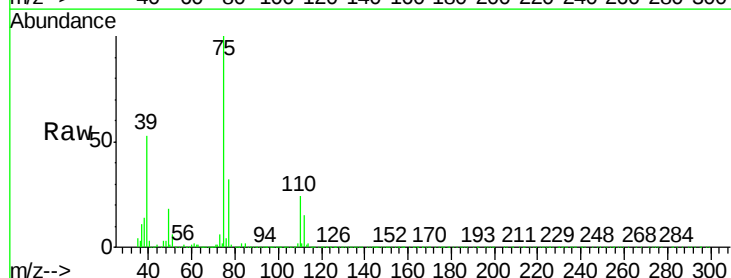
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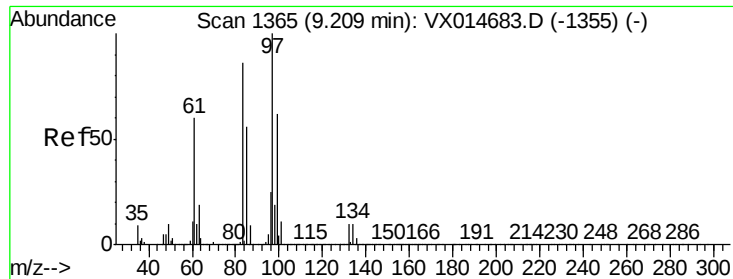
MMDadoda
1/28/2020 11:18:25 AM



#54
cis-1,3-Dichloropropene
Concen: 21.582 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	23.9	35.9
39	53.2	40.9	61.3





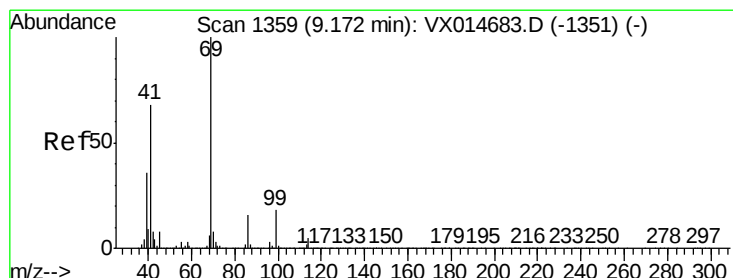
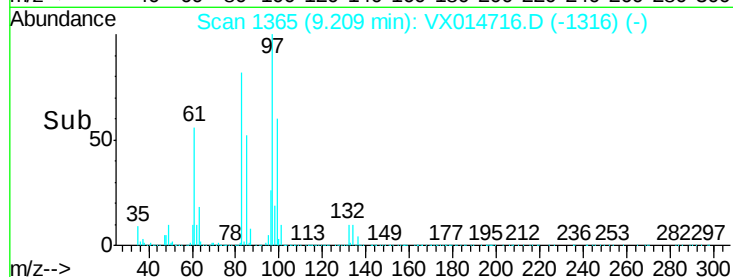
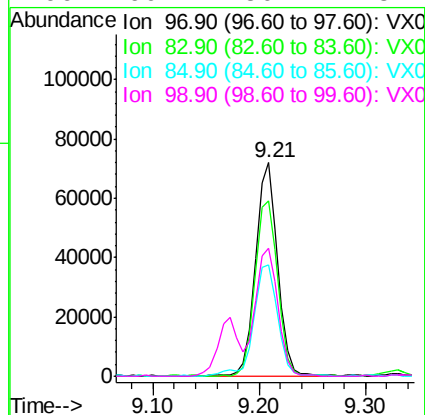
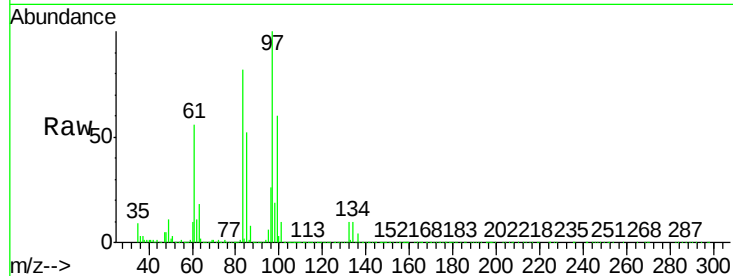
#55
 1,1,2-Trichloroethane
 Concen: 20.918 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	82.3	69.2	103.8		
85	52.0	44.6	67.0		
99	60.1	50.1	75.1		

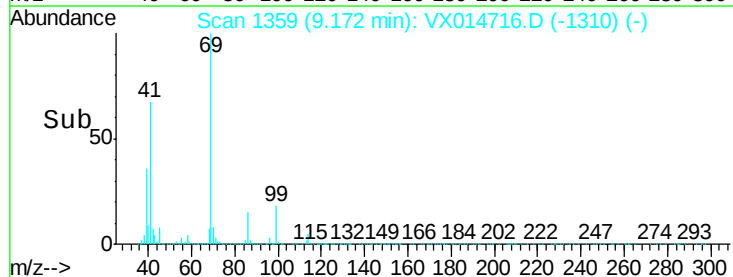
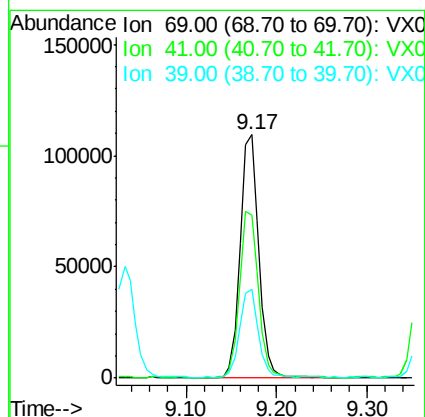
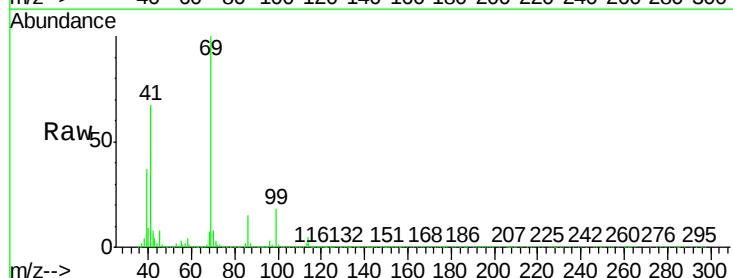
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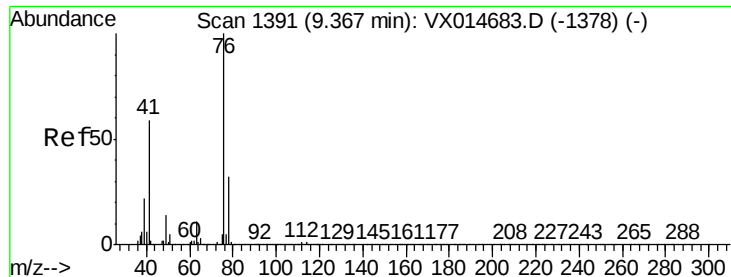
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 1/28/2020 11:18:25 AM



#56
 Ethyl methacrylate
 Concen: 19.573 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	69.2	54.9	82.3		
39	36.2	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 20.563 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 76 Resp: 173880

Ion Ratio Lower Upper

76 100

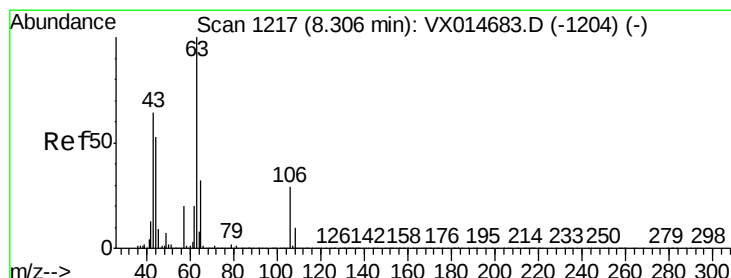
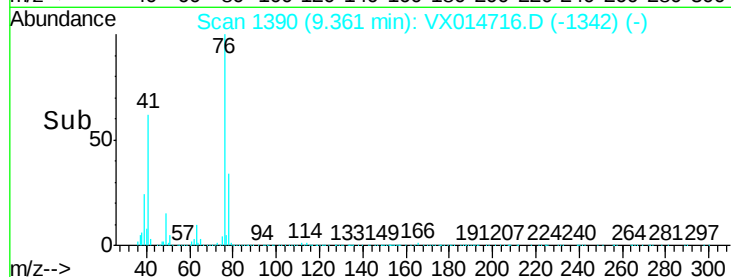
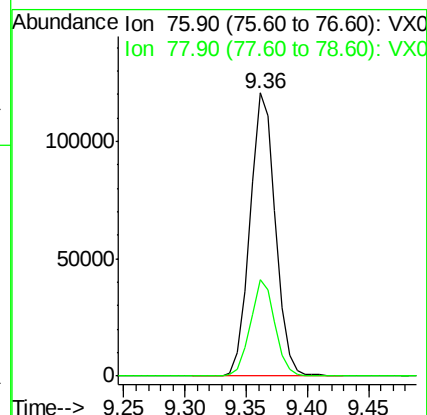
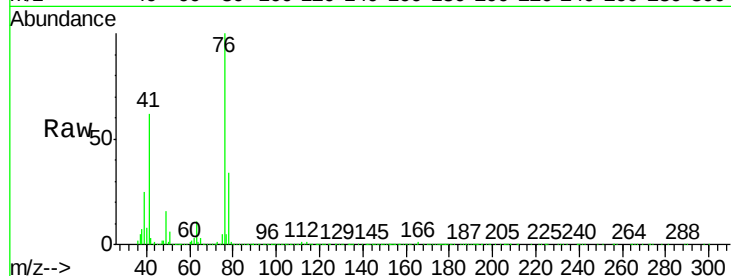
78 32.6 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 103.019 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014716.D

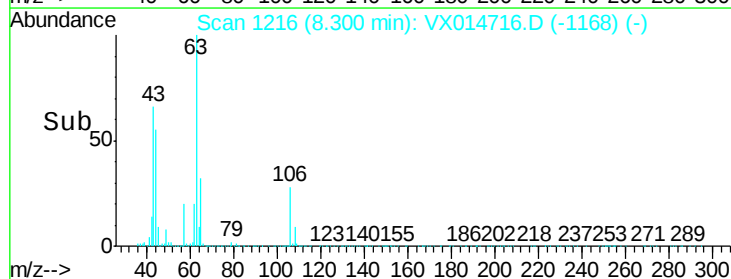
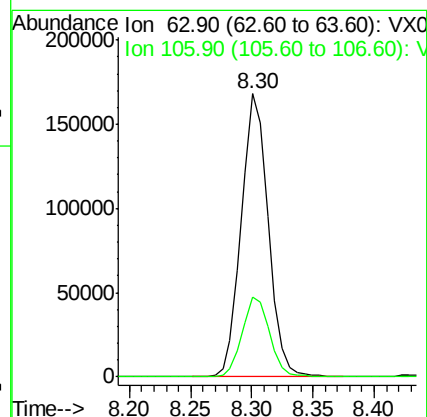
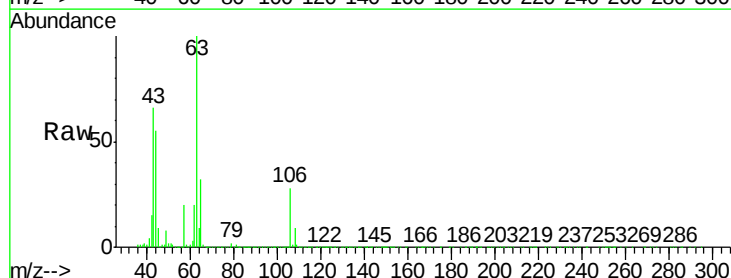
Acq: 27 Jan 2020 11:04

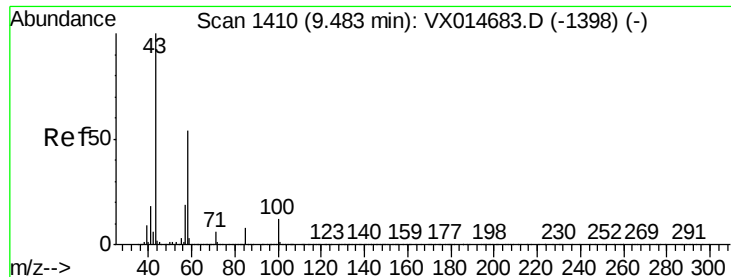
Tgt Ion: 63 Resp: 256277

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1





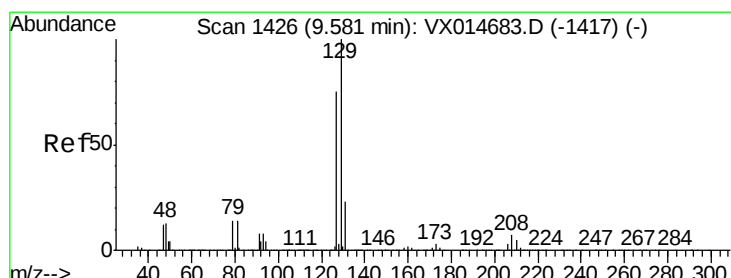
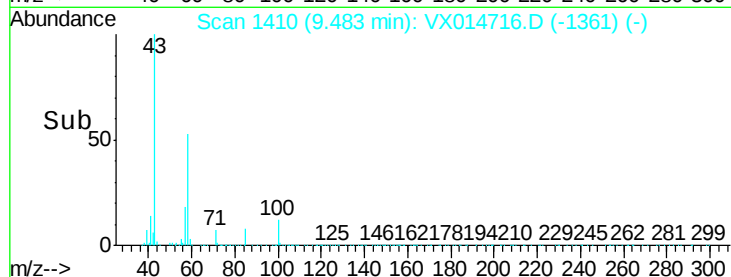
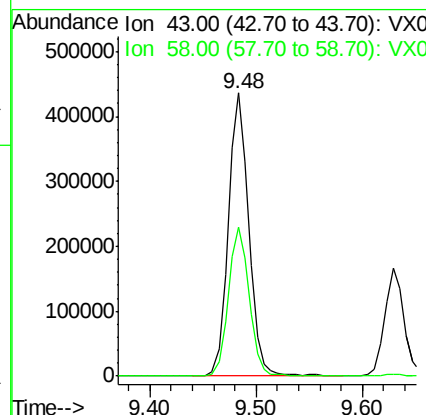
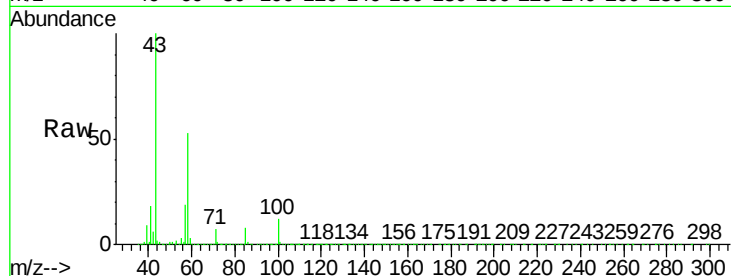
#59
2-Hexanone
Concen: 100.023 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion: 43 Resp: 584450
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5

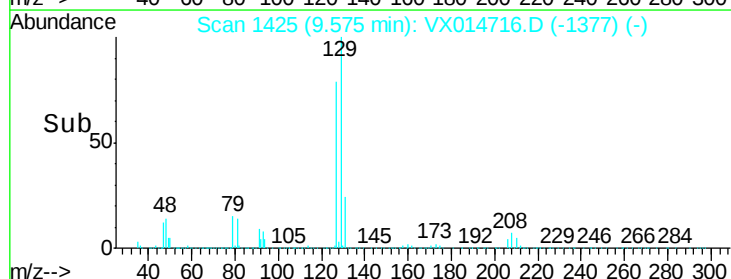
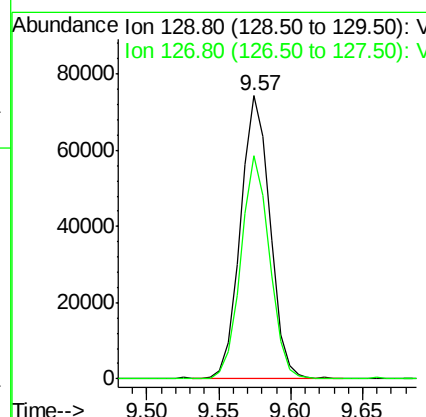
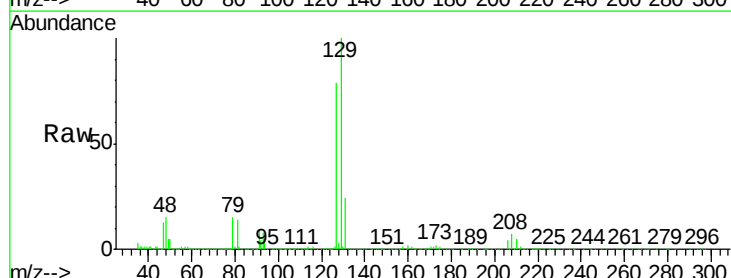
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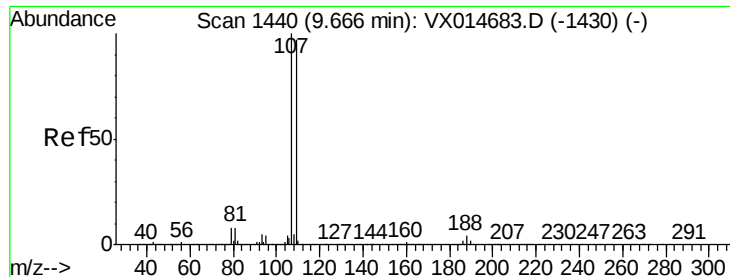
MMDadoda
1/28/2020 11:18:25 AM



#60
Dibromochloromethane
Concen: 20.460 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion: 129 Resp: 105640
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.643 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 107 Resp: 107965

Ion Ratio Lower Upper

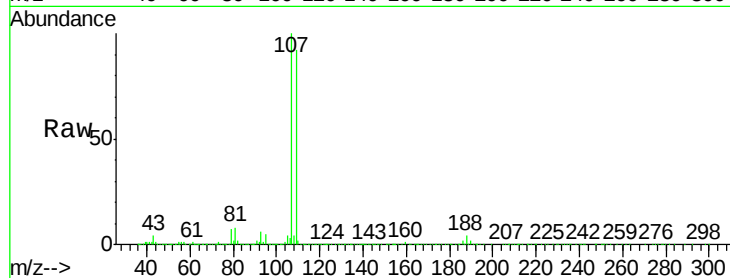
107 100

109 92.4 76.2 114.2

Manual Integrations
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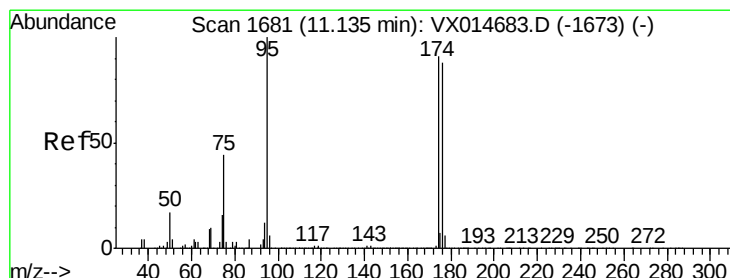
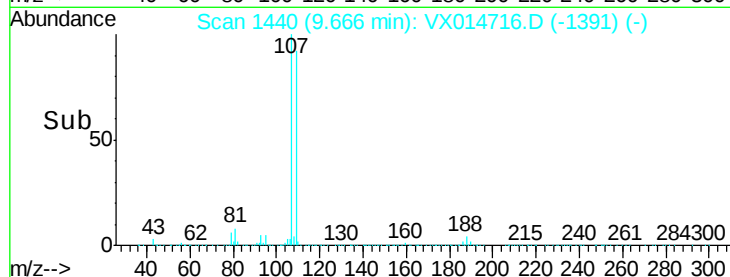
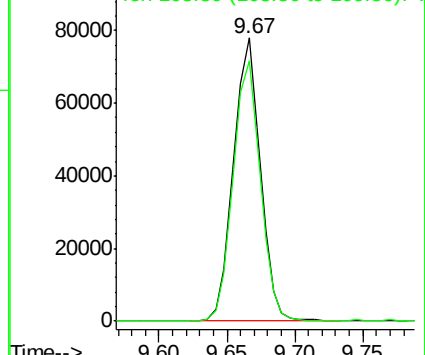
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.482 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

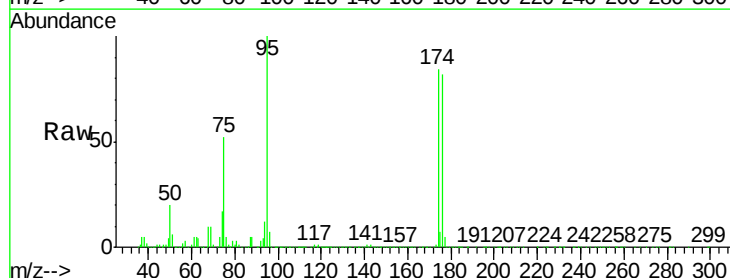
Tgt Ion: 95 Resp: 280887

Ion Ratio Lower Upper

95 100

174 89.1 0.0 176.0

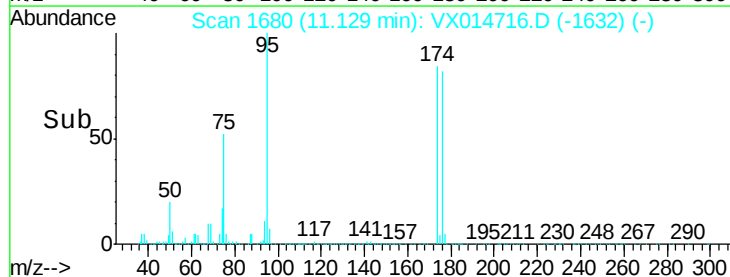
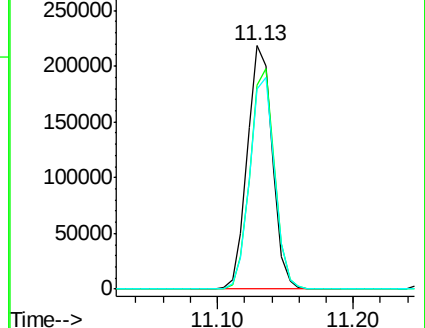
176 86.7 0.0 172.2

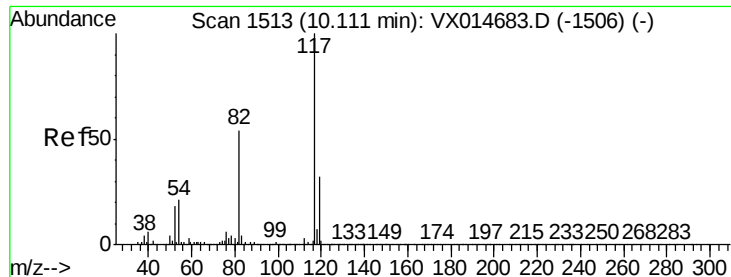


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





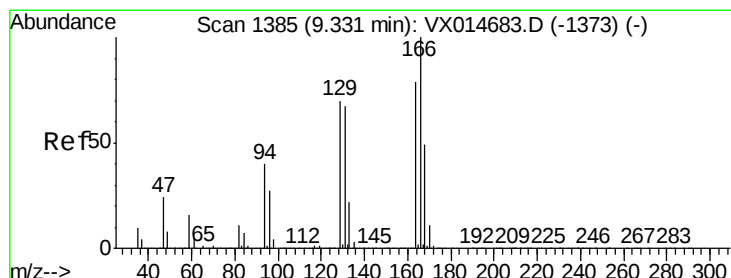
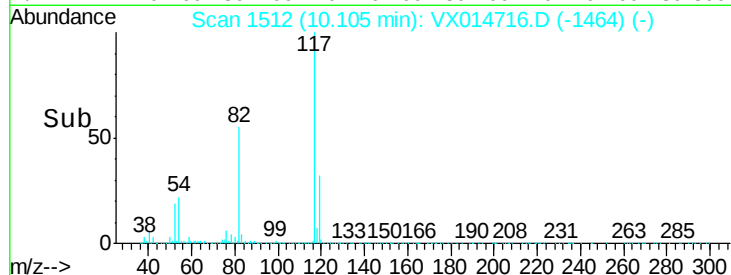
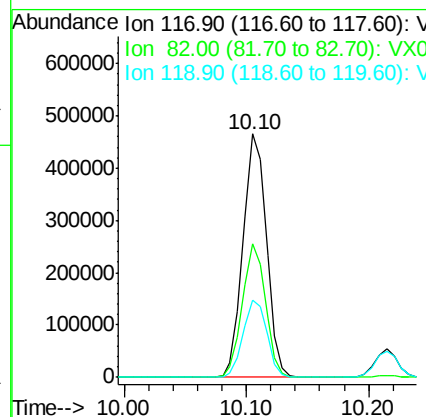
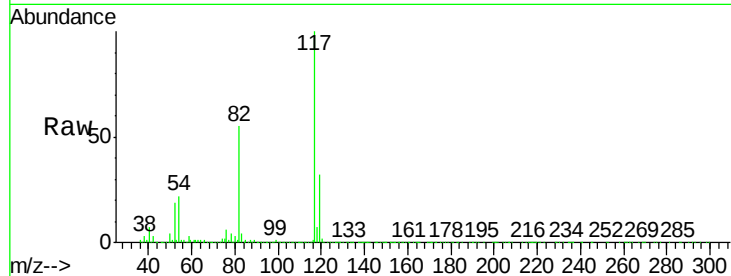
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.2	64.8
119	31.8	25.8	38.6

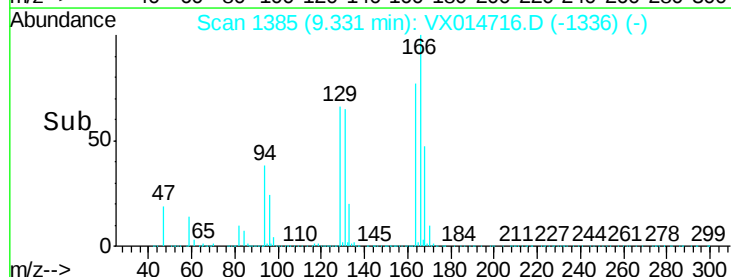
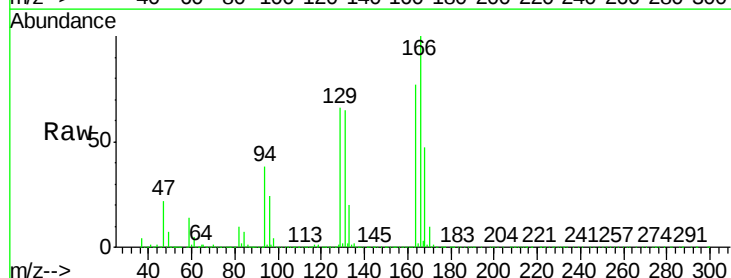
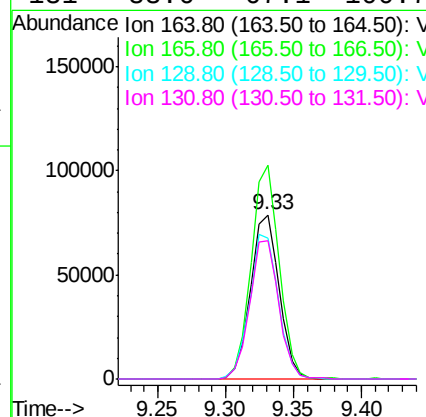
Manual Integrations
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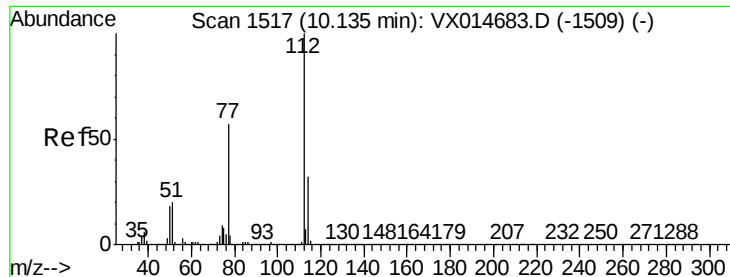
MMDadoda
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#64
Tetrachloroethene
Concen: 19.091 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	100.9	151.3
129	85.4	71.0	106.6
131	83.6	67.1	100.7





#65

Chlorobenzene

Concen: 20.370 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion:112 Resp: 269943

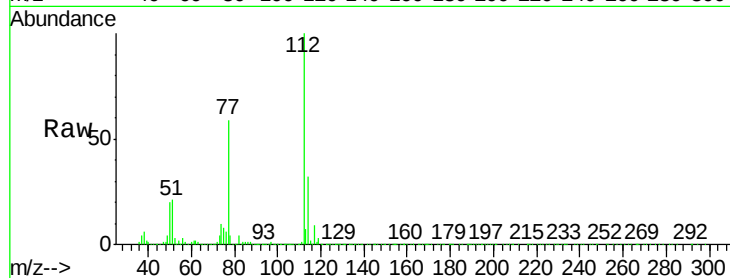
Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.8

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

200000

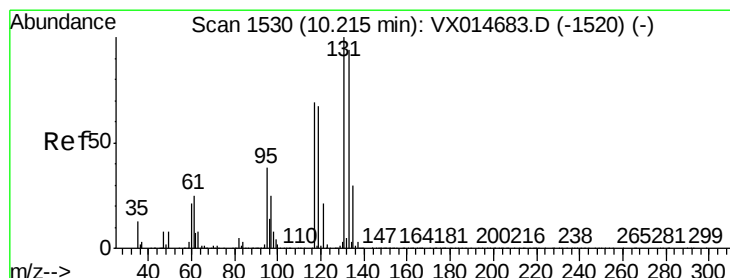
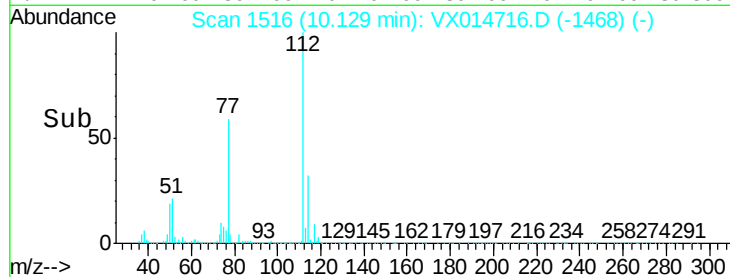
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.265 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

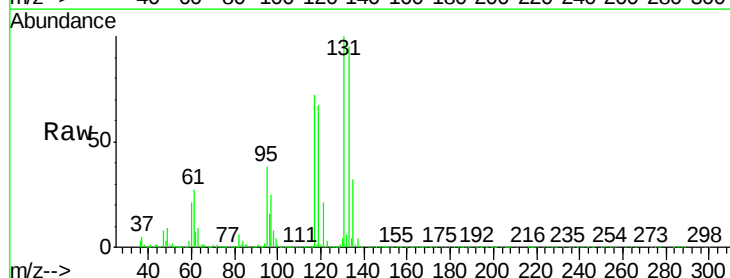
Tgt Ion:131 Resp: 99015

Ion Ratio Lower Upper

131 100

133 96.1 47.4 142.3

119 67.2 33.3 99.8



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

10.21

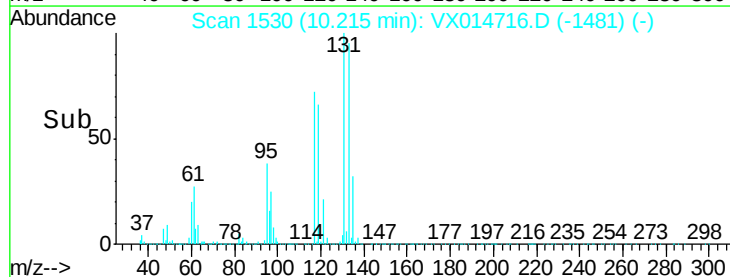
150000

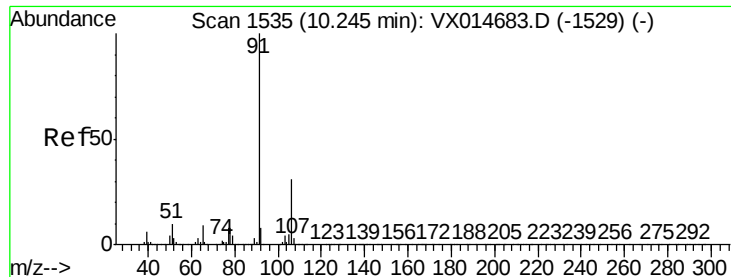
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.719 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 91 Resp: 468830

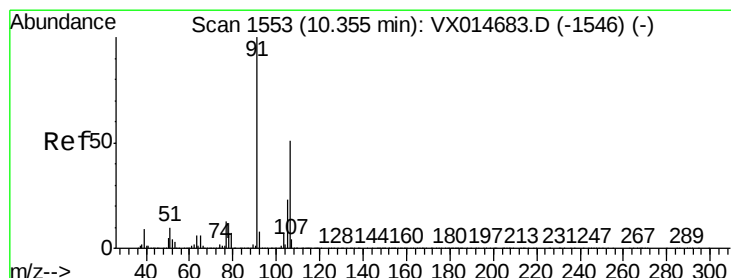
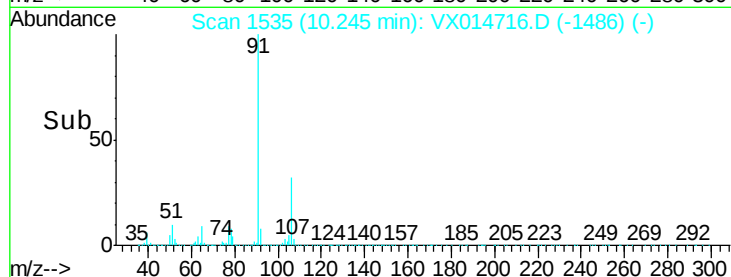
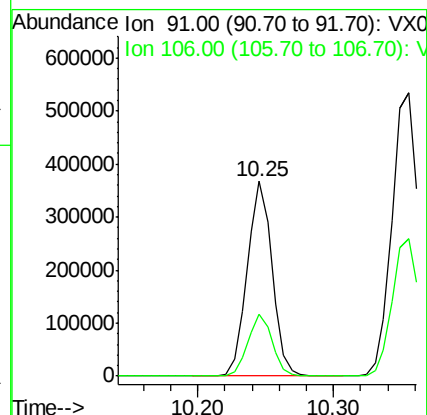
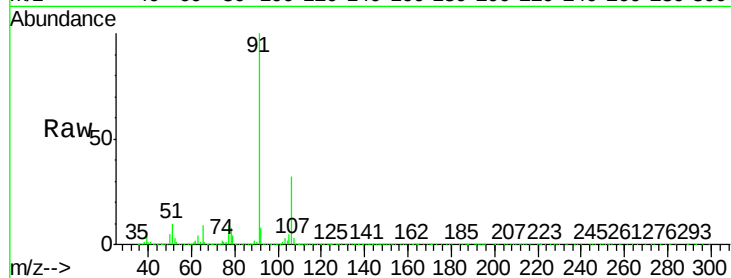
Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.937 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014716.D

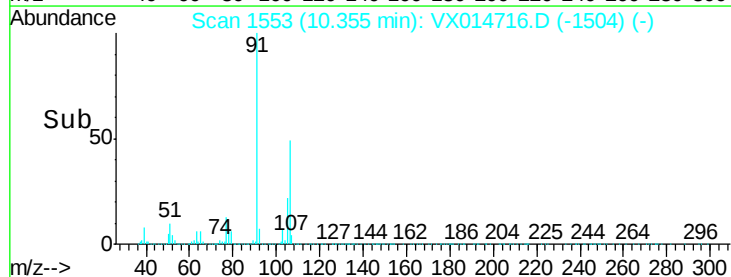
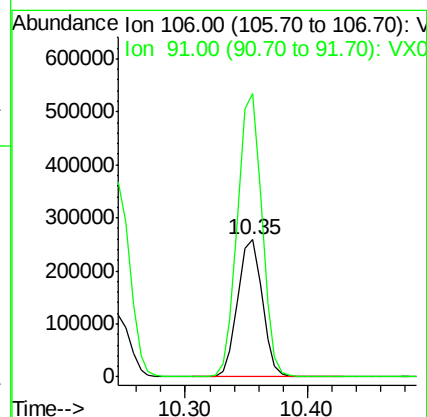
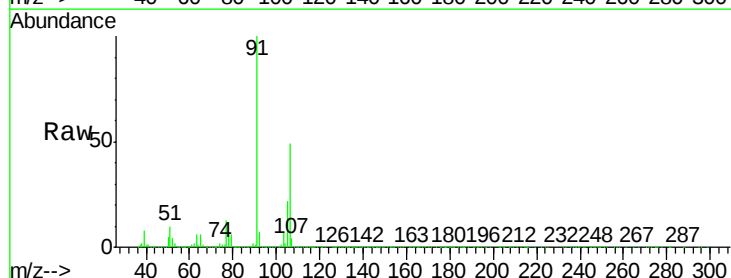
Acq: 27 Jan 2020 11:04

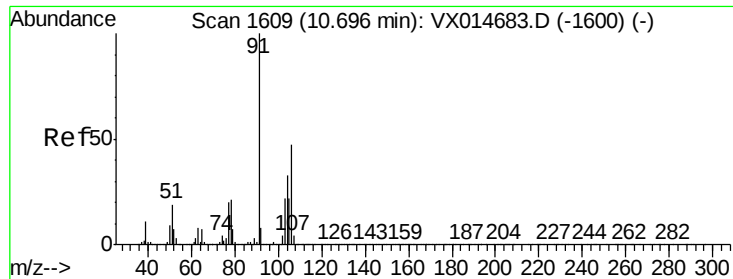
Tgt Ion: 106 Resp: 359497

Ion Ratio Lower Upper

106 100

91 204.5 159.4 239.2





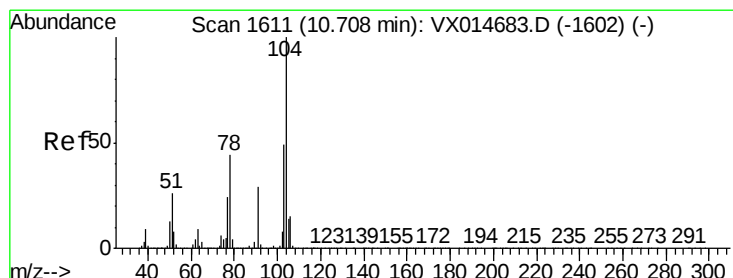
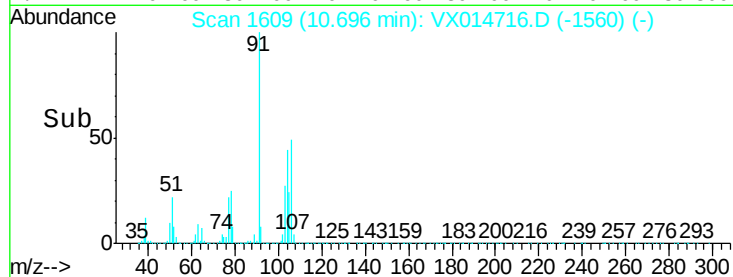
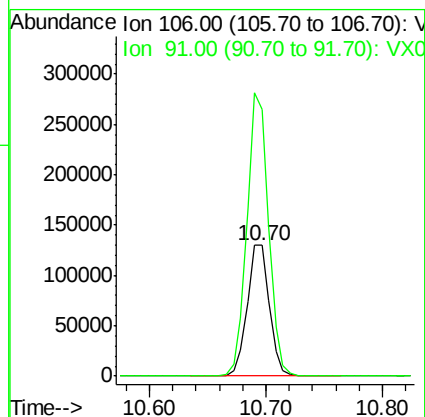
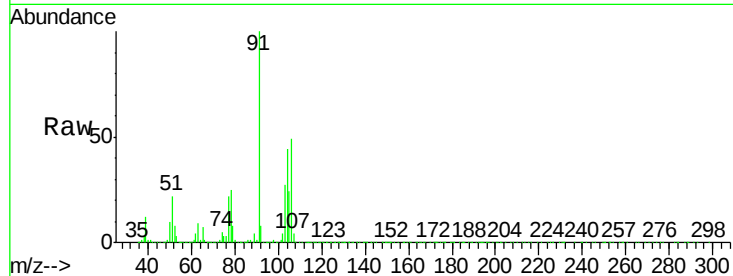
#69
o-Xylene
Concen: 21.048 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	106.2	318.6

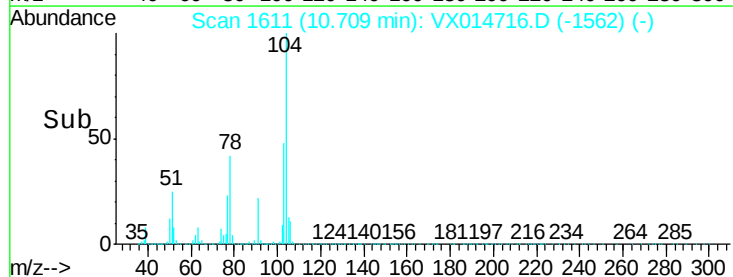
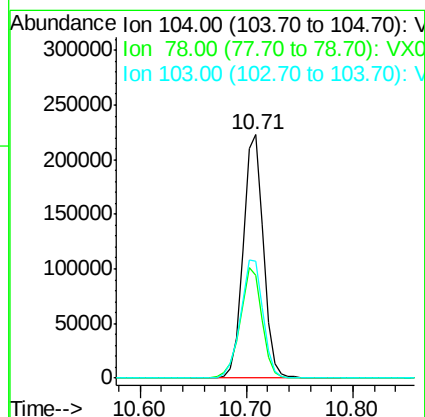
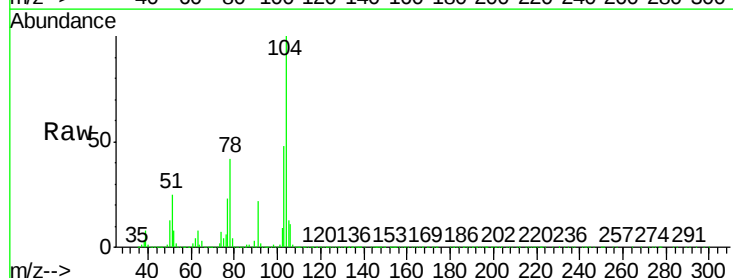
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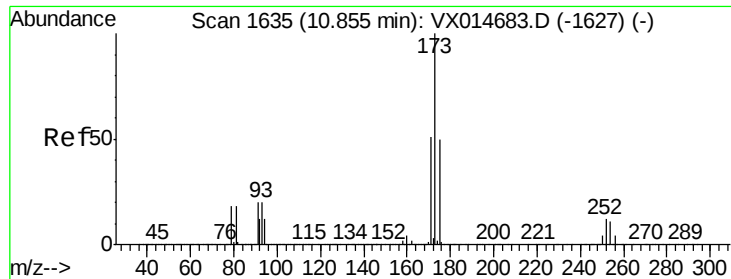
MMDadoda
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#70
Styrene
Concen: 21.398 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.3	58.9
103	54.4	43.5	65.3





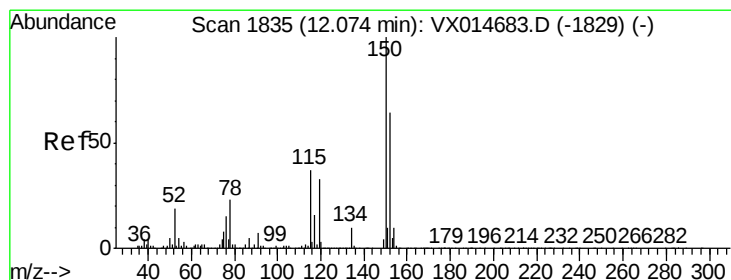
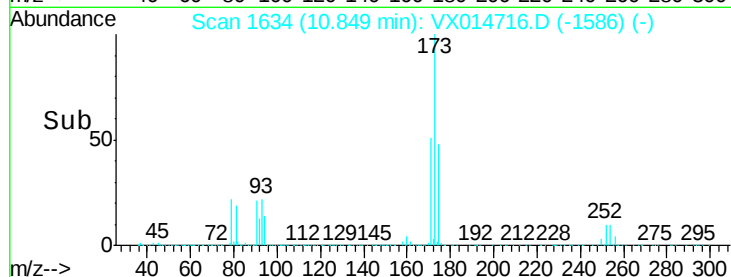
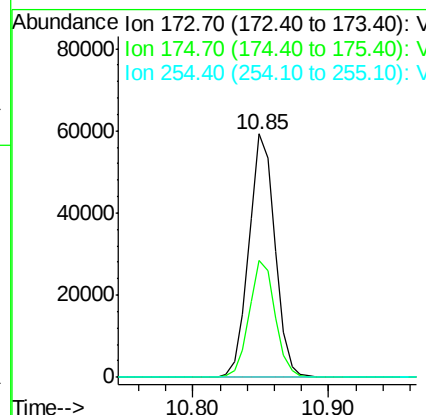
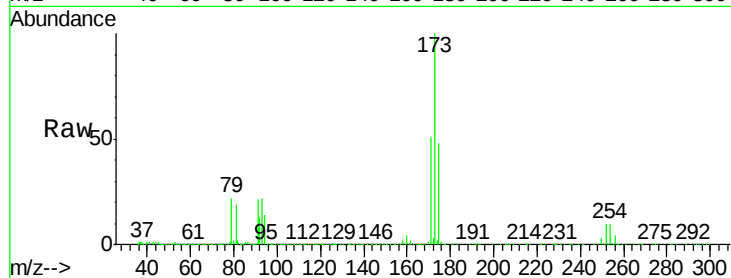
#71
Bromoform
Concen: 20.498 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.6	73.6
254	0.3	0.1	0.1#

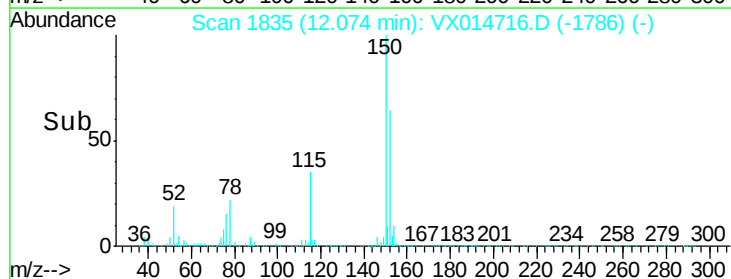
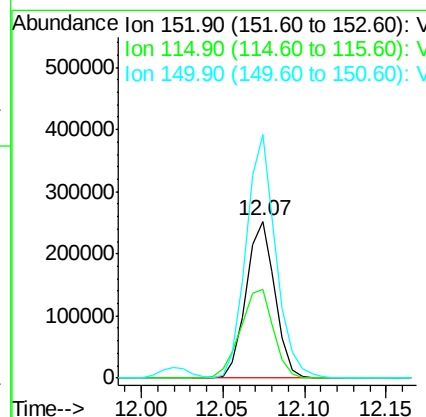
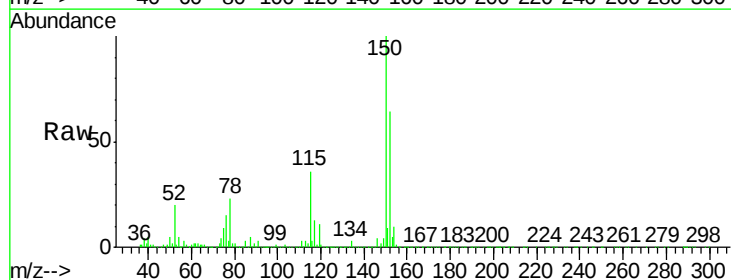
Manual Integrations
APPROVED

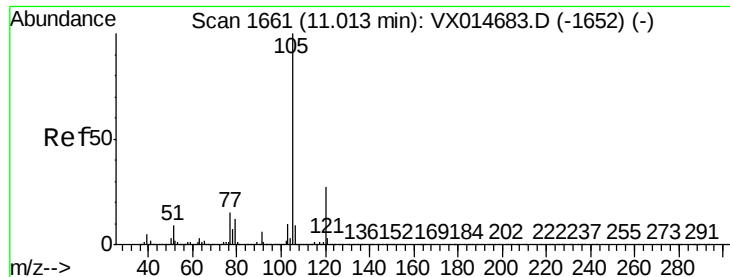
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	39.4	118.1
150	159.8	0.0	351.2





#73

Isopropylbenzene

Concen: 21.051 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 105 Resp: 459749

Ion Ratio Lower Upper

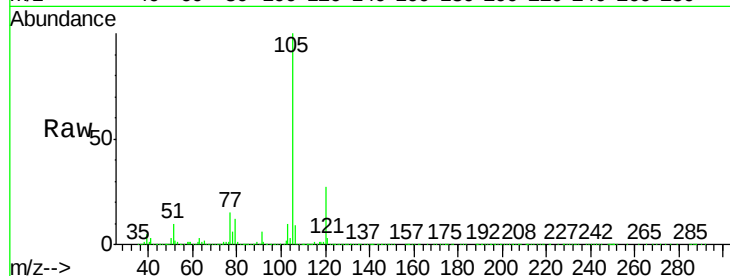
105 100

120 27.0 13.5 40.5

Manual Integrations
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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

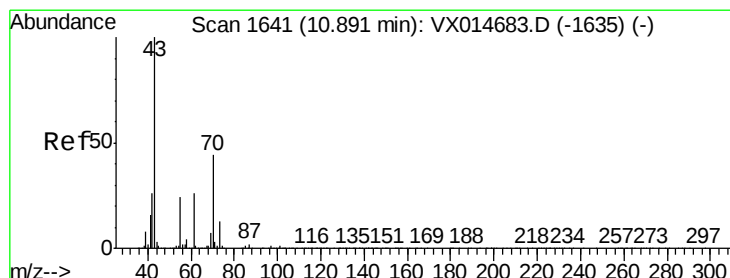
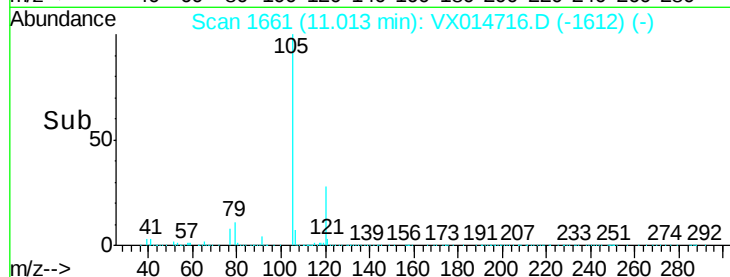
100000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.177 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion: 43 Resp: 193106

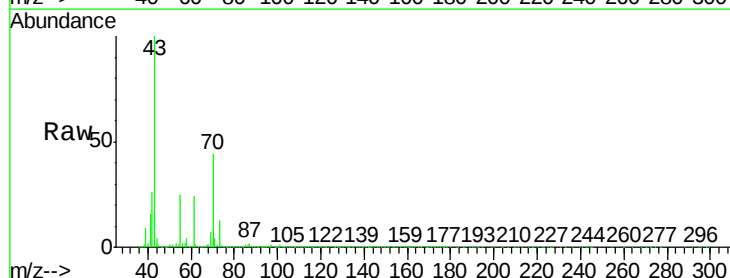
Ion Ratio Lower Upper

43 100

70 43.5 34.6 52.0

55 25.5 19.4 29.2

61 24.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

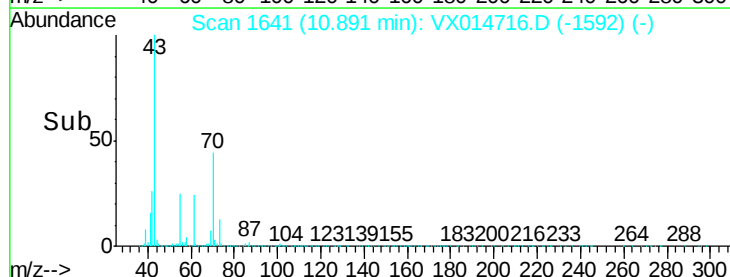
50000

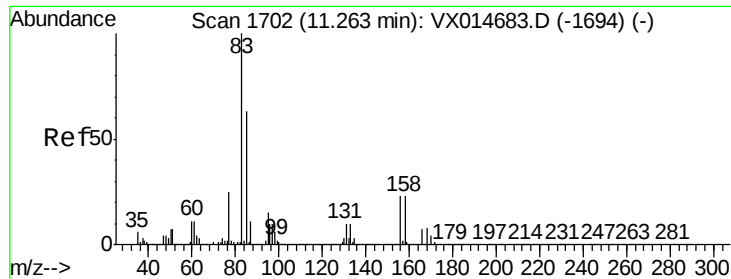
0

10.89

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.352 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

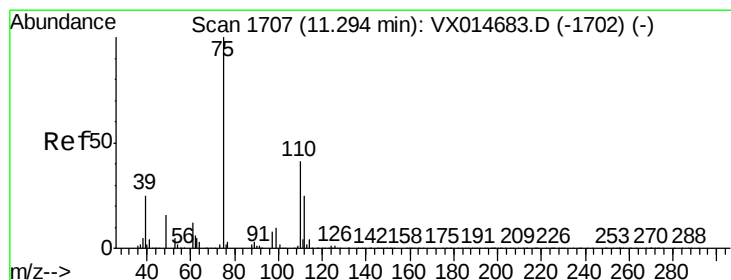
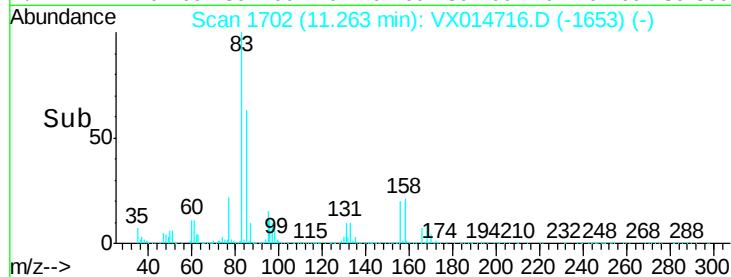
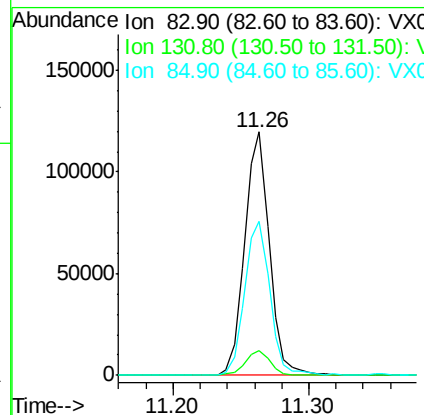
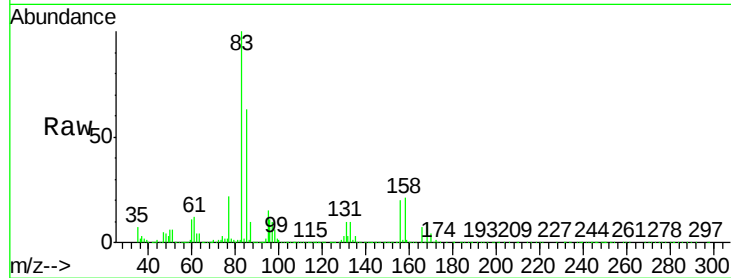
ClientSampleId :

VX0127WBS01

Tot Ion:	83	Resp:	150901
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	65.4	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.884 ug/l m

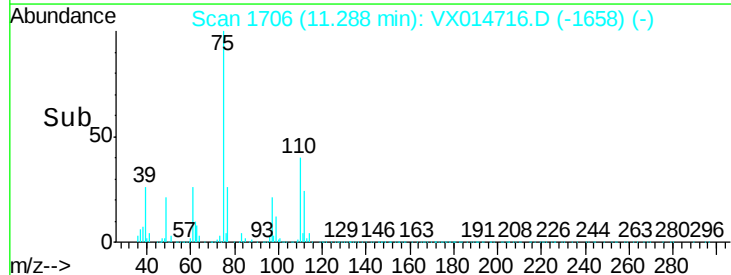
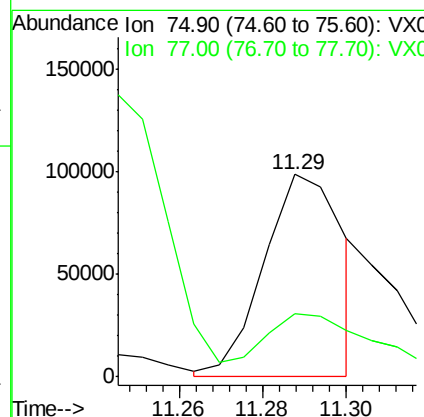
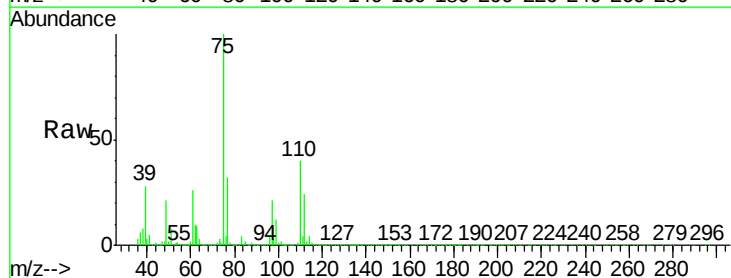
RT: 11.29 min Scan# 1706

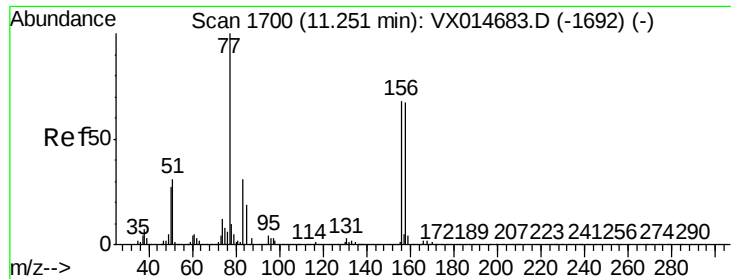
Delta R.T. -0.01 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	75	Resp:	129240
Ion Ratio	Lower	Upper	
75	100		
77	44.2	18.7	56.1





#77

Bromobenzene

Concen: 20.607 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

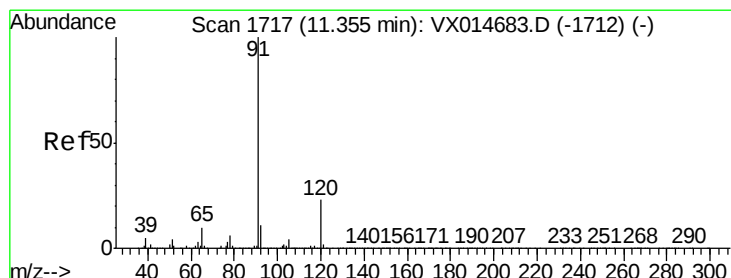
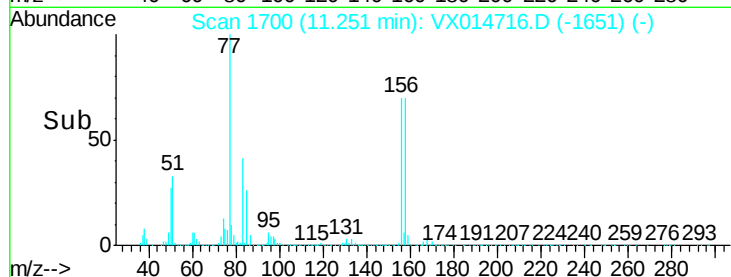
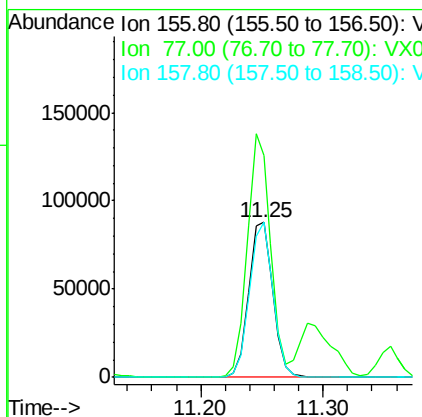
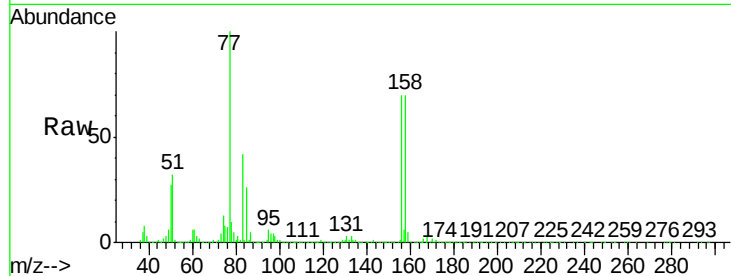
ClientSampleId :

VX0127WBS01

Tot Ion:	156	Resp:	120908
Ion Ratio	Lower	Upper	
156	100		
77	150.1	77.5	232.5
158	97.2	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 21.443 ug/l

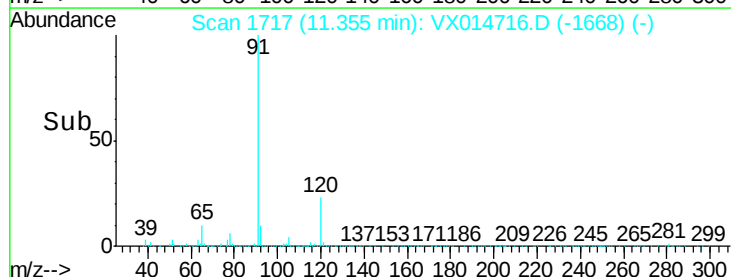
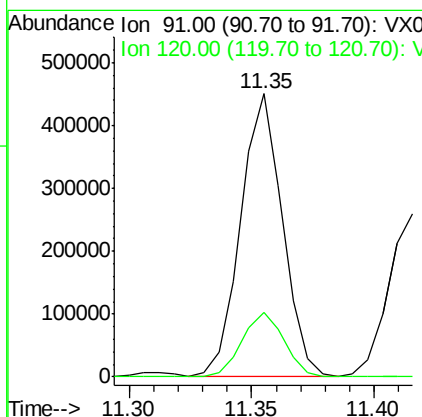
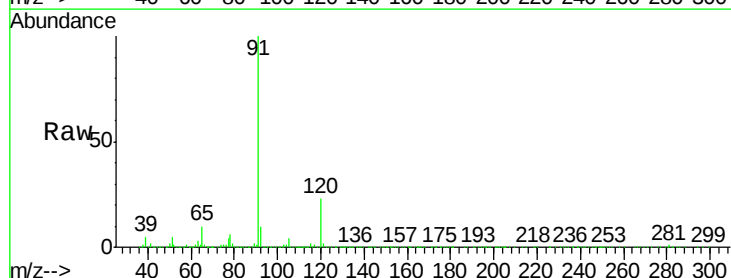
RT: 11.35 min Scan# 1717

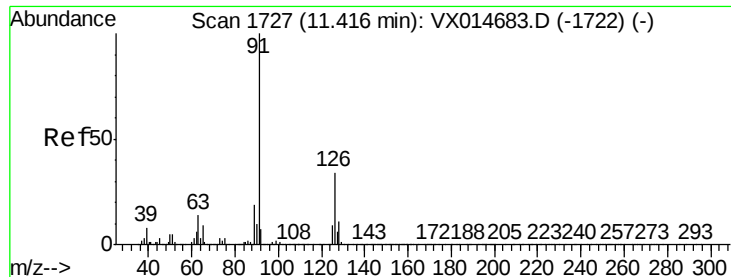
Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	91	Resp:	531580
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0





#79

2-Chlorotoluene

Concen: 21.061 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBS01

Tot Ion: 91 Resp: 315899

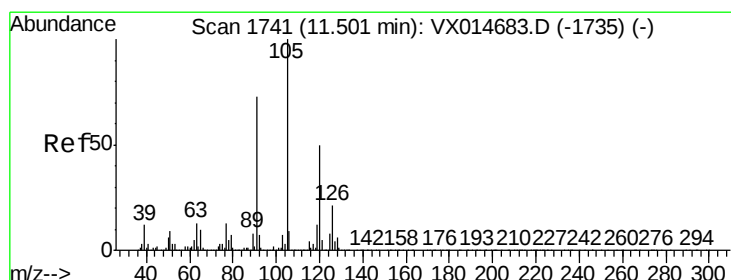
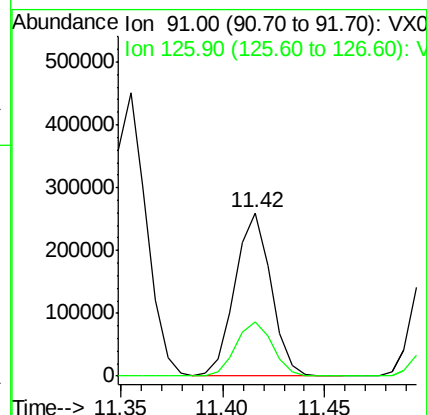
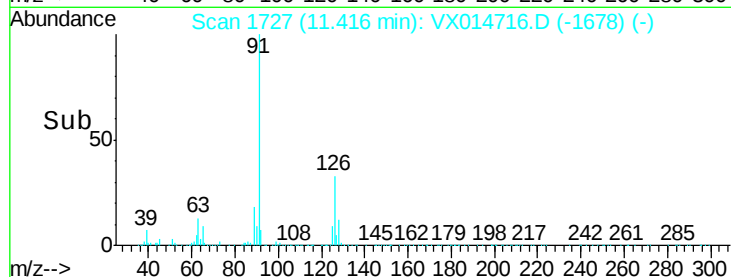
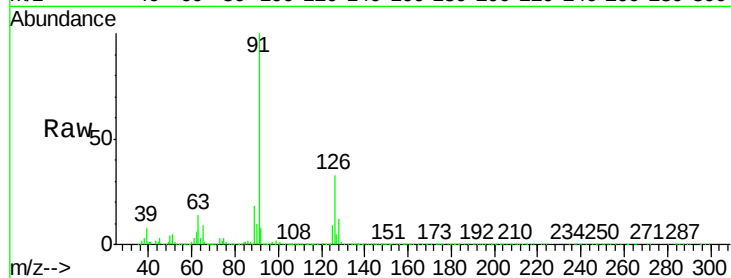
Ion Ratio Lower Upper

91 100

126 34.1 17.3 51.9

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 21.547 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014716.D

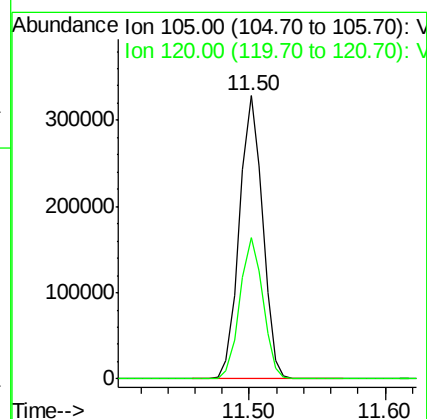
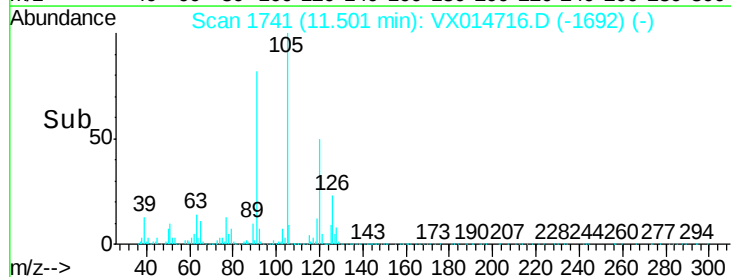
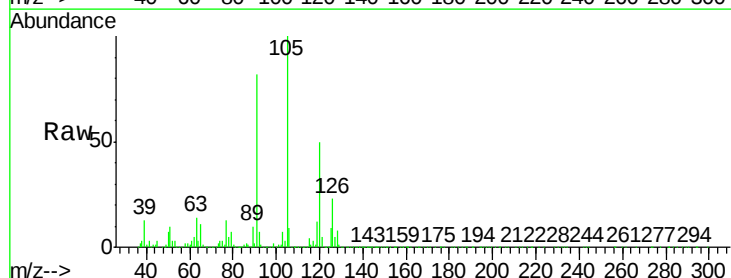
Acq: 27 Jan 2020 11:04

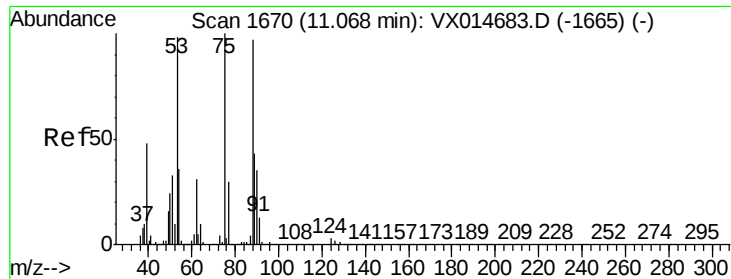
Tgt Ion: 105 Resp: 390560

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





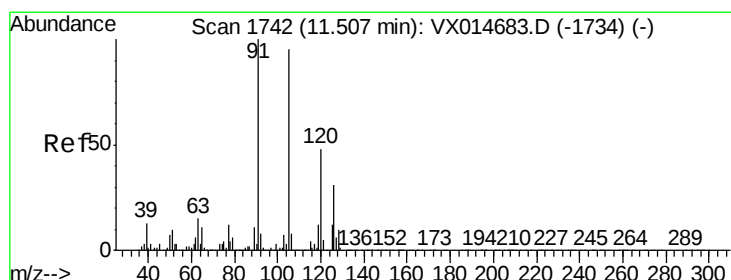
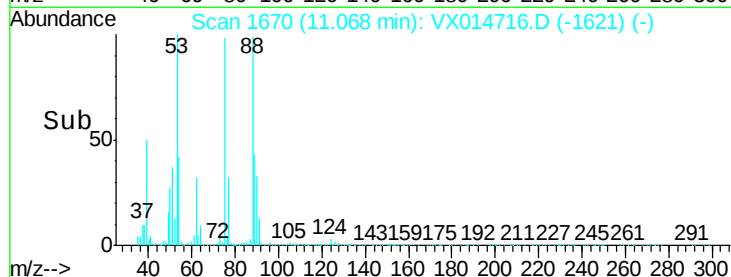
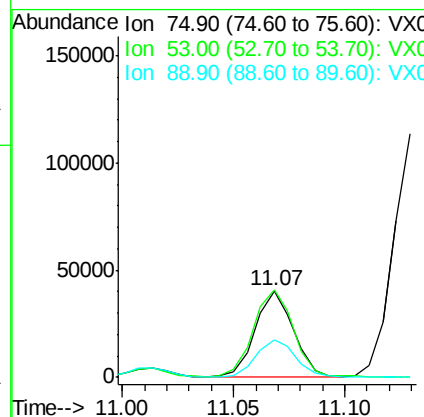
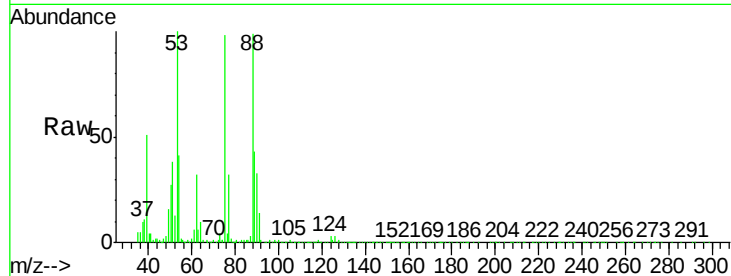
#81
trans-1,4-Dichloro-2-butene
Concen: 18.782 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	78.8	118.2
89	46.7	35.4	53.0

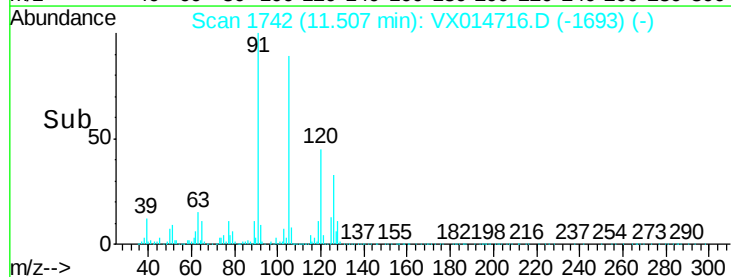
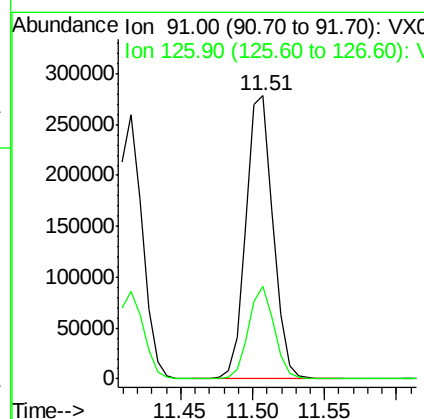
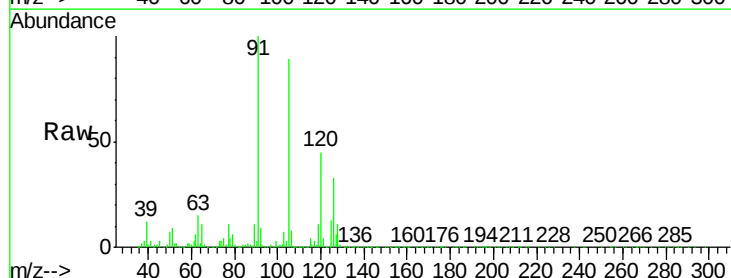
Manual Integrations
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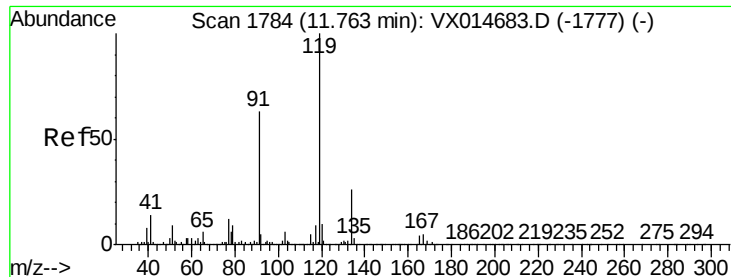
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1/28/2020 11:18:25 AM



#82
4-Chlorotoluene
Concen: 21.064 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





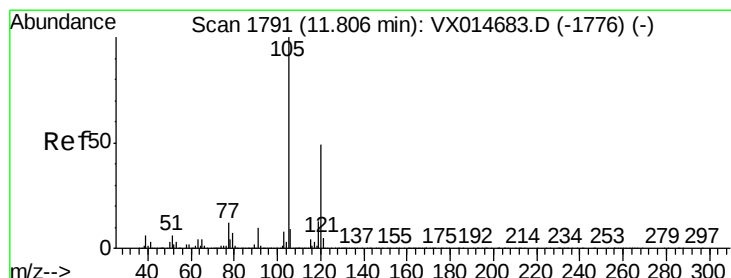
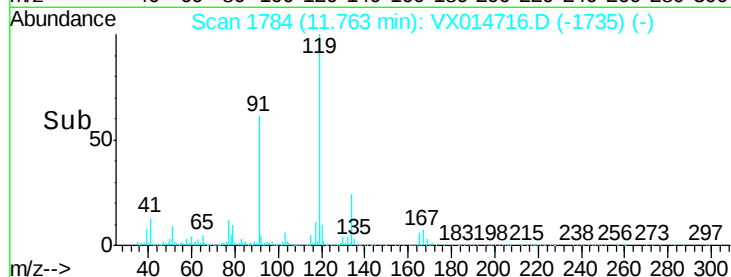
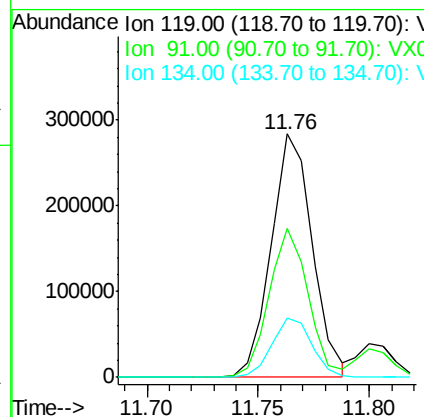
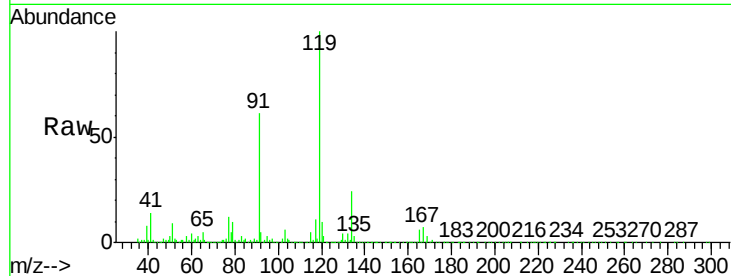
#83
tert-Butylbenzene
Concen: 21.321 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	363152		
91	58.2	30.0	90.0	
134	24.1	12.7	38.0	

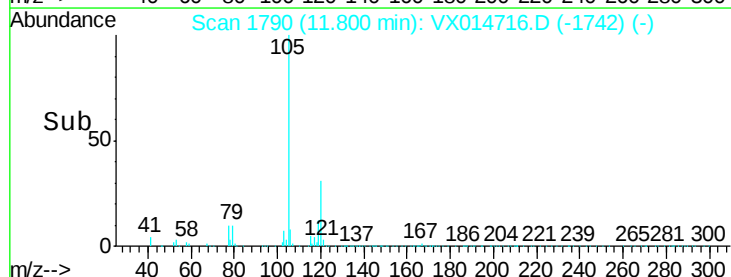
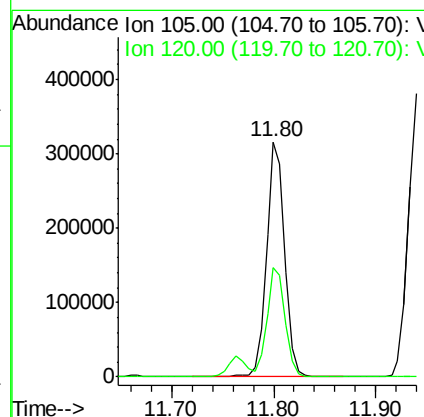
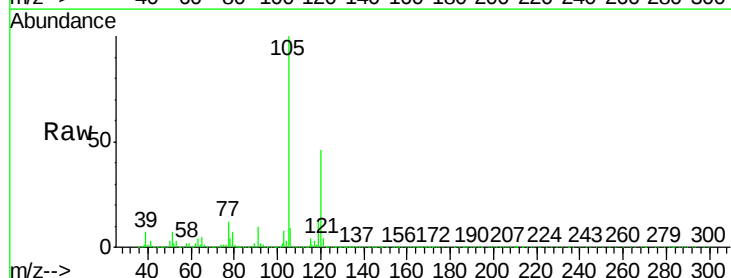
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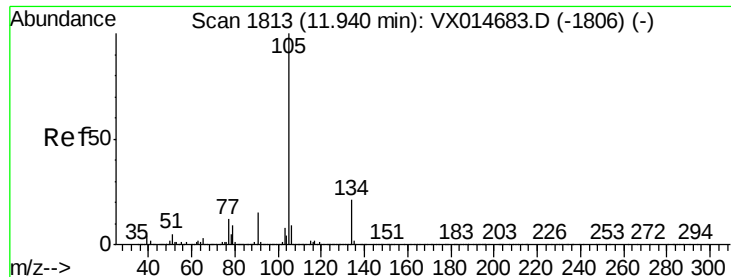
MMDadoda
1/28/2020 11:18:25 AM



#84
1,2,4-Trimethylbenzene
Concen: 21.498 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	390860		
120	46.2	23.4	70.0	





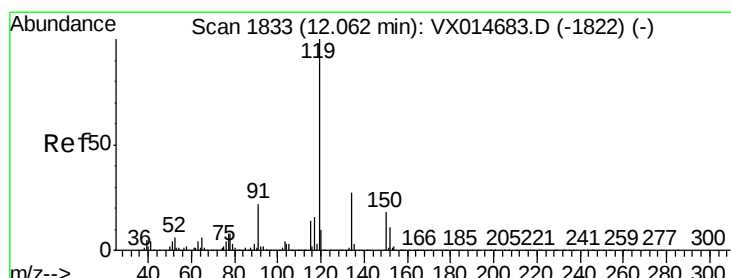
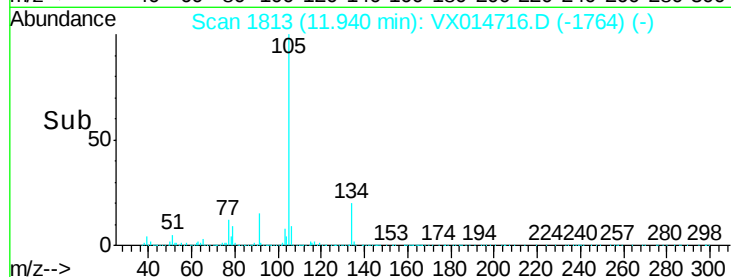
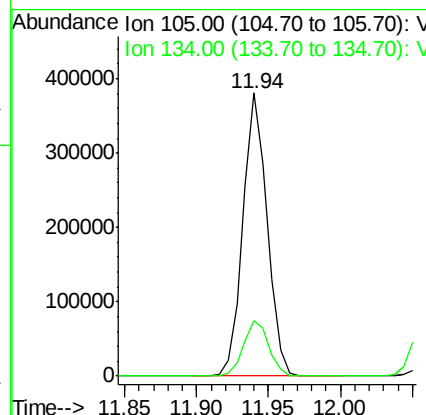
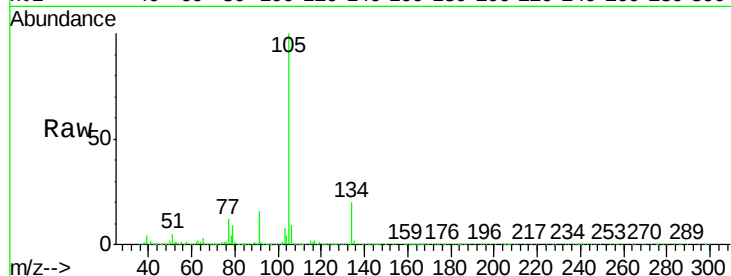
#85
 sec-Butylbenzene
 Concen: 21.358 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.3	30.8

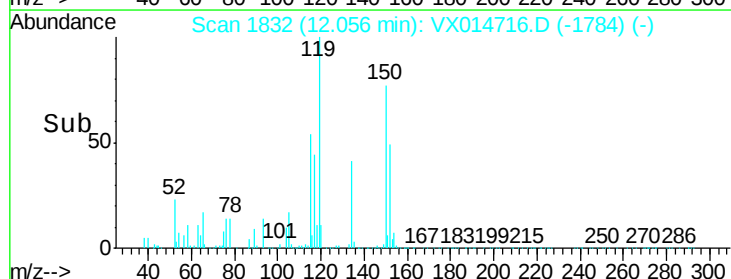
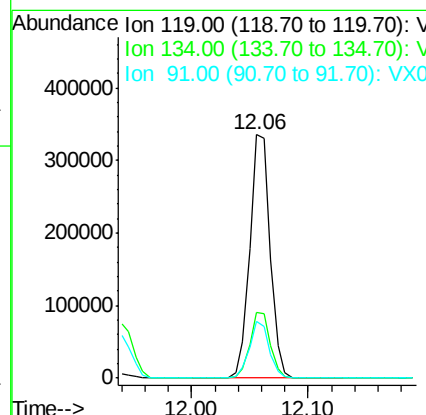
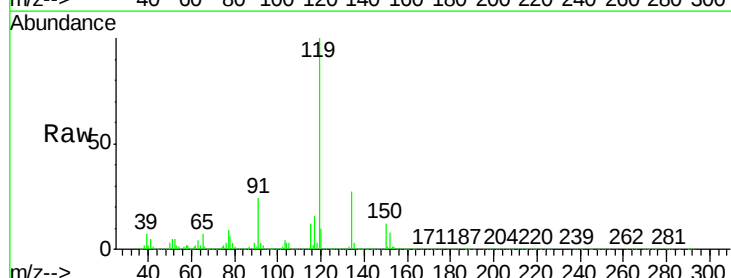
Manual Integrations
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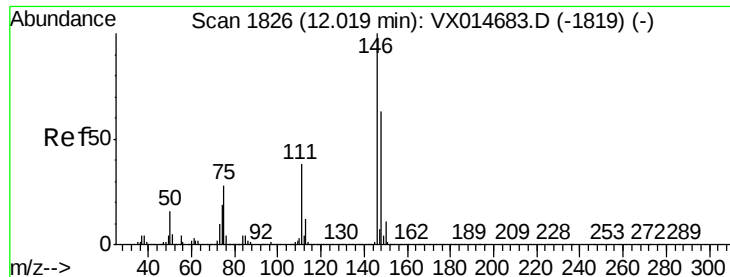
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 1/28/2020 11:18:25 AM



#86
 p-Isopropyltoluene
 Concen: 21.314 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014716.D
 Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	22.8	11.3	33.8





#87

1,3-Dichlorobenzene

Concen: 20.122 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

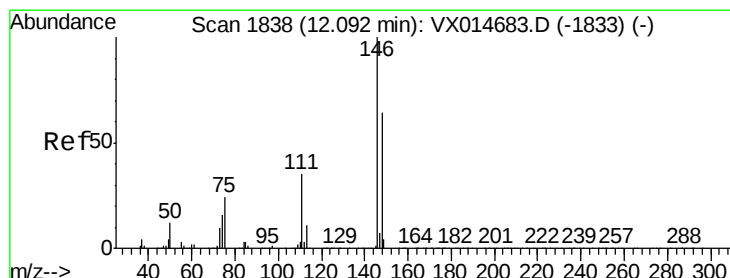
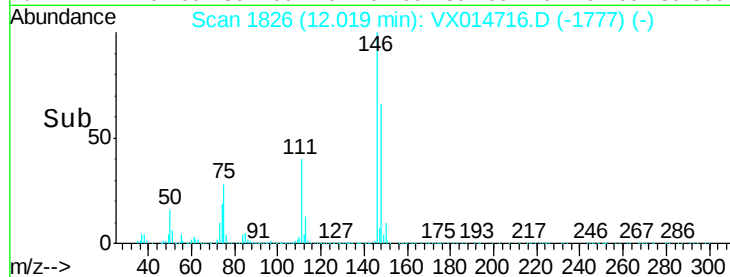
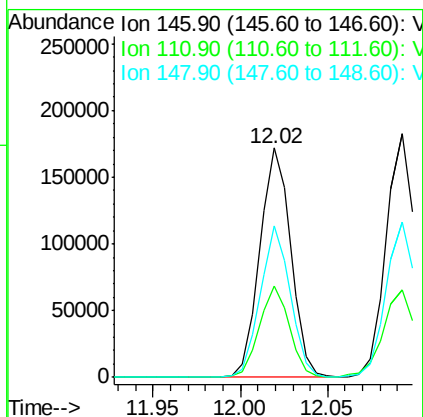
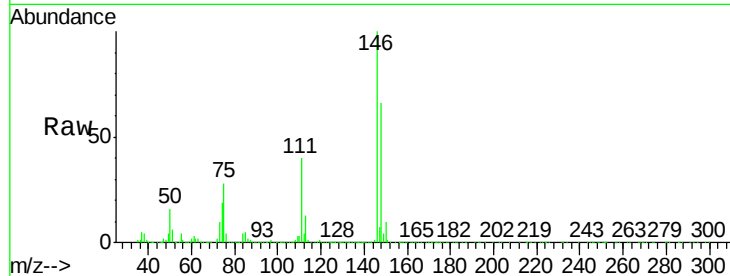
Instrument :
MSVOA_X

ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	63.8	31.6	95.0

Manual Integrations
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MMDadoda
1/28/2020 11:18:25 AM



#88

1,4-Dichlorobenzene

Concen: 20.315 ug/l

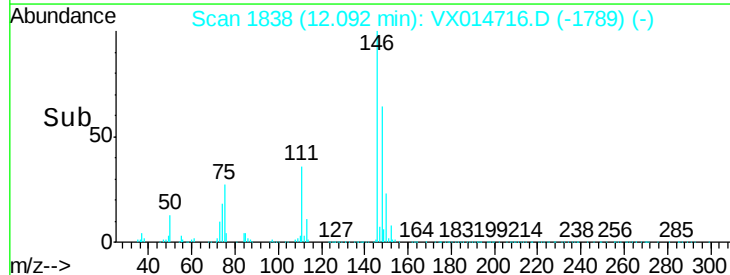
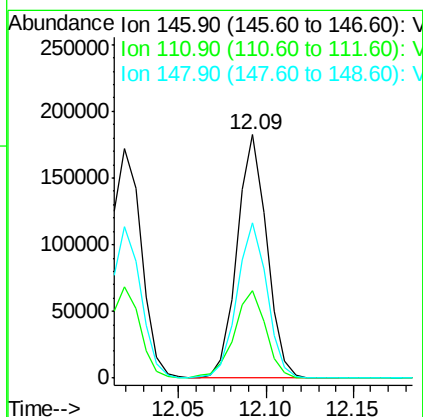
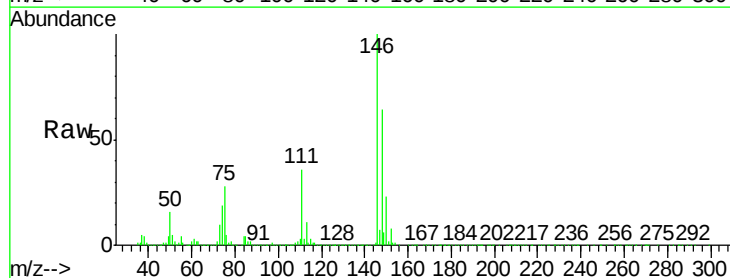
RT: 12.09 min Scan# 1838

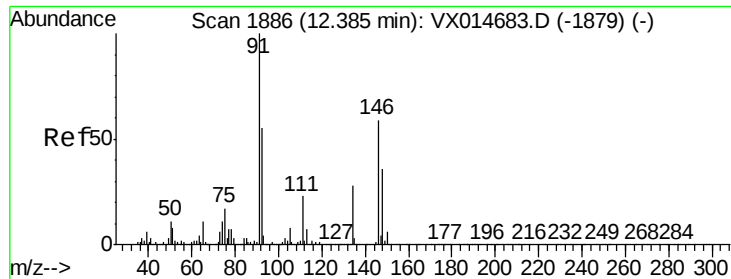
Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	64.7	32.0	96.2





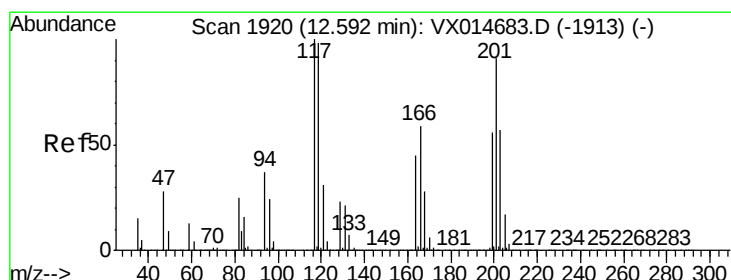
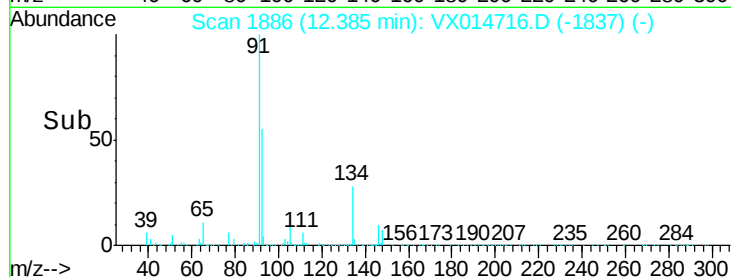
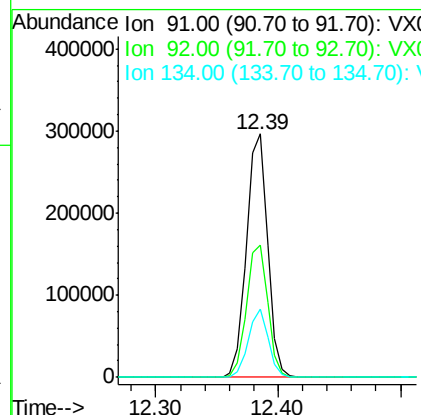
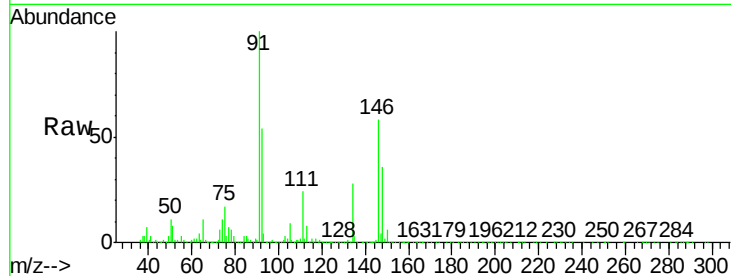
#89
n-Butylbenzene
Concen: 21.003 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	352738		
92	54.7	27.6	82.7	
134	26.8	13.3	39.8	

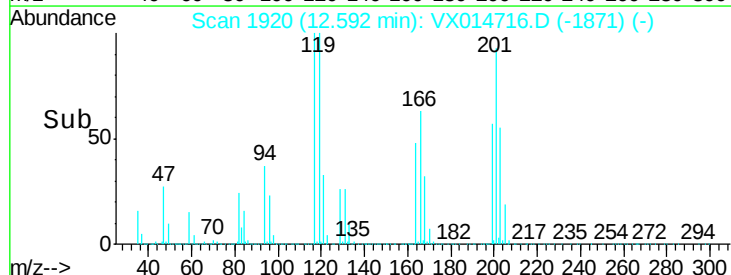
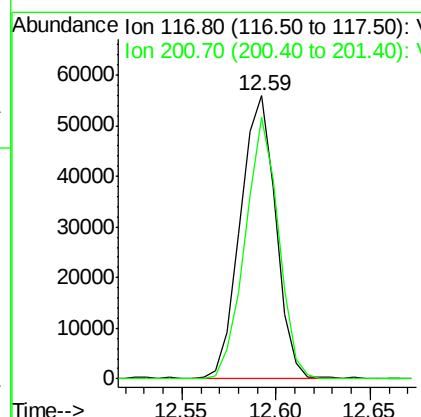
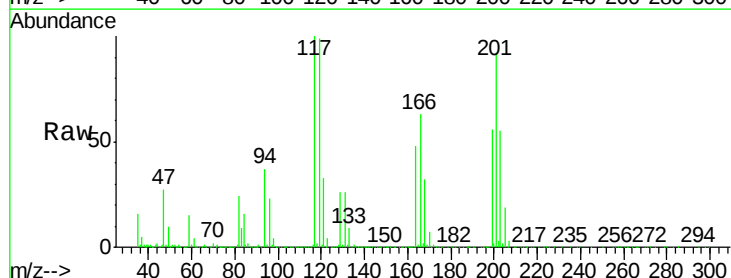
Manual Integrations
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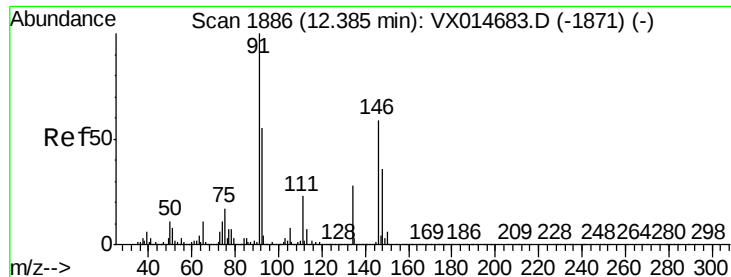
MMDadoda
1/28/2020 11:18:25 AM



#90
Hexachloroethane
Concen: 20.334 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72831		
201	87.6	44.4	133.1	





#91

1,2-Dichlorobenzene

Concen: 20.459 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Instrument :

MSVOA_X

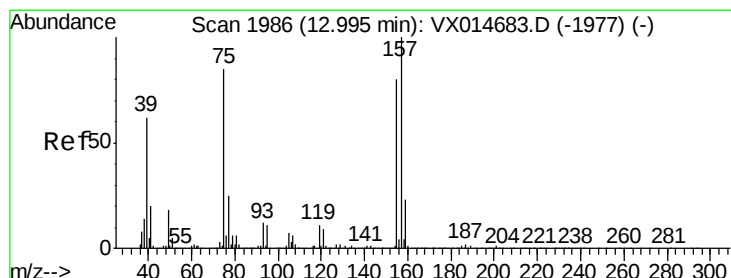
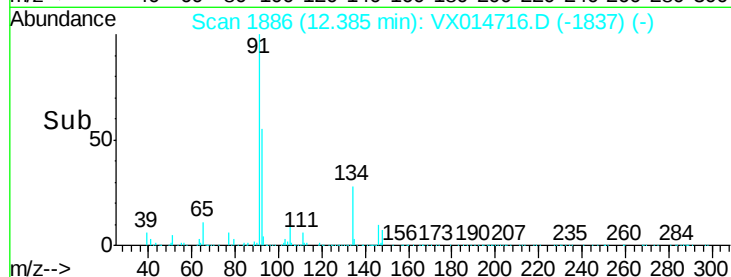
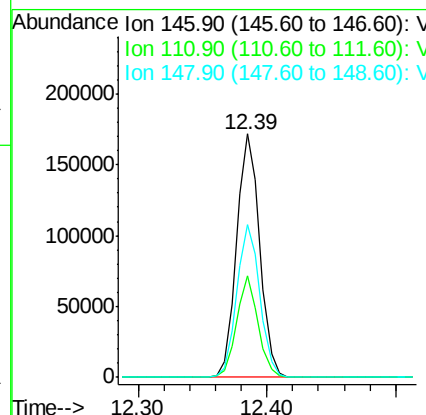
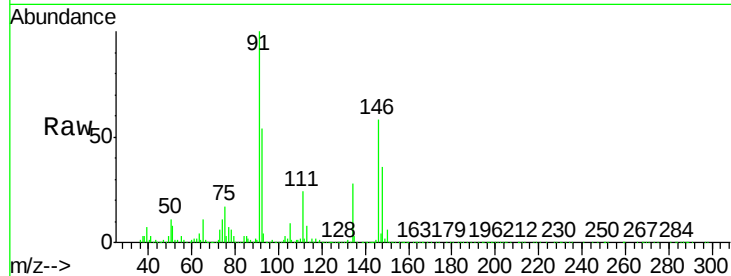
ClientSampleId :

VX0127WBS01

Tot Ion:	146	Resp:	214257
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.6	58.8
148	63.1	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.053 ug/l

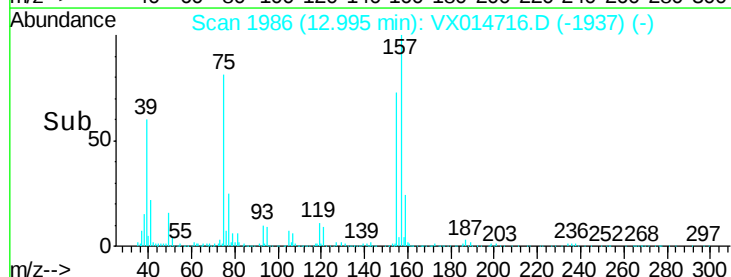
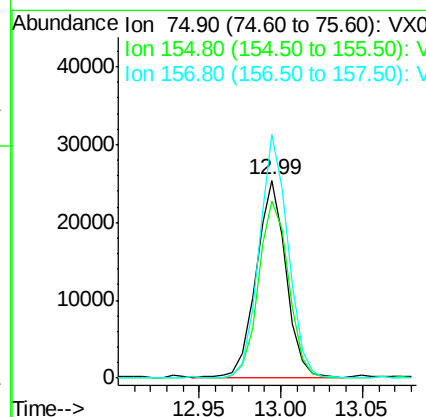
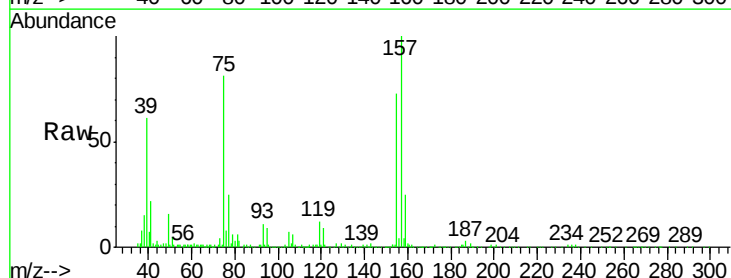
RT: 12.99 min Scan# 1986

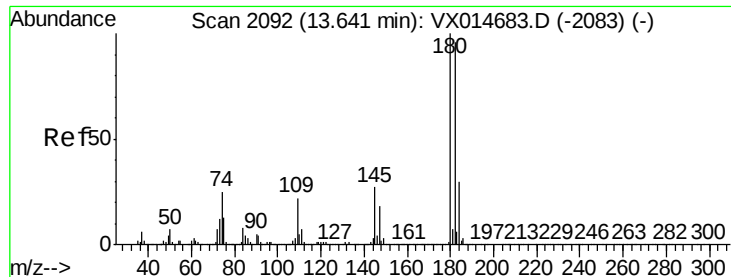
Delta R.T. 0.00 min

Lab File: VX014716.D

Acq: 27 Jan 2020 11:04

Tgt Ion:	75	Resp:	31921
Ion Ratio	Lower	Upper	
75	100		
155	91.7	45.6	136.9
157	119.8	60.3	180.9





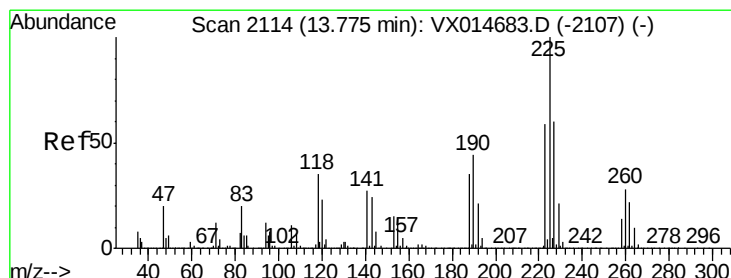
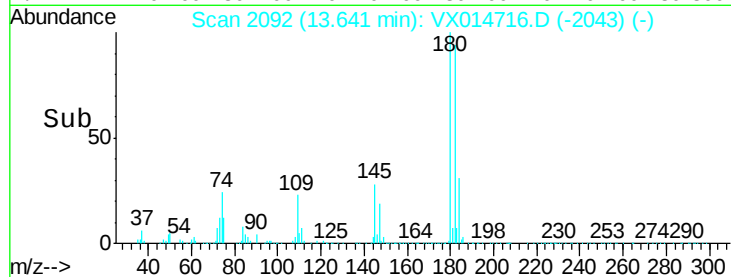
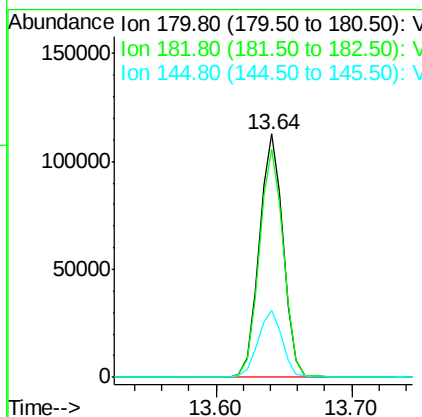
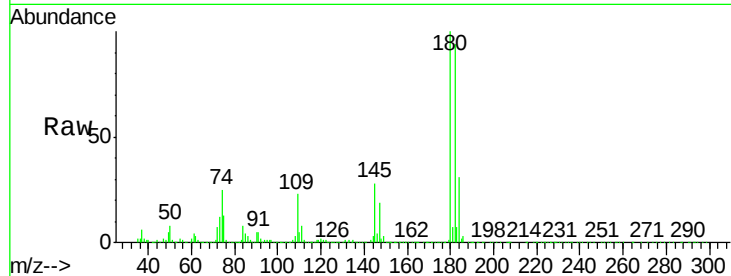
#93
1,2,4-Trichlorobenzene
Concen: 20.613 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	48.5	145.6
145	27.9	14.0	41.9

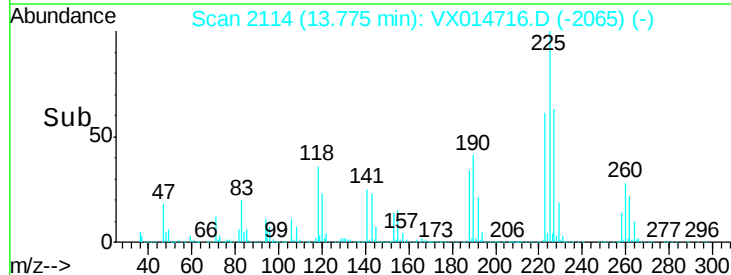
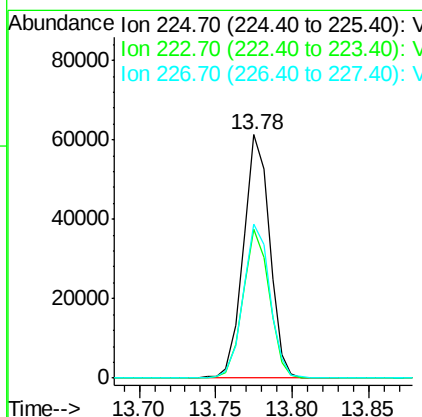
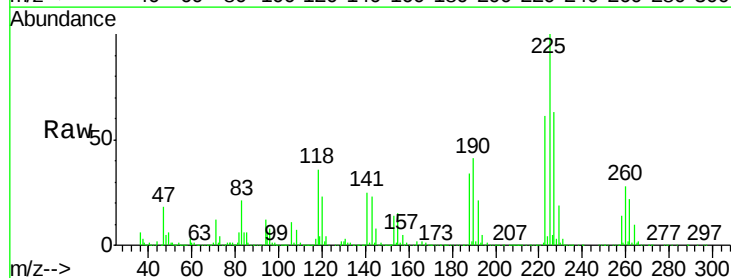
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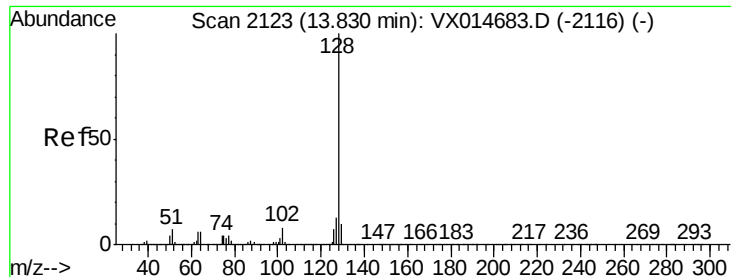
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#94
Hexachlorobutadiene
Concen: 21.029 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.4	30.6	91.8
227	64.2	31.4	94.0





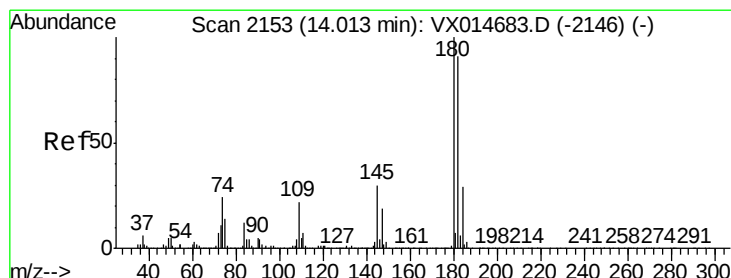
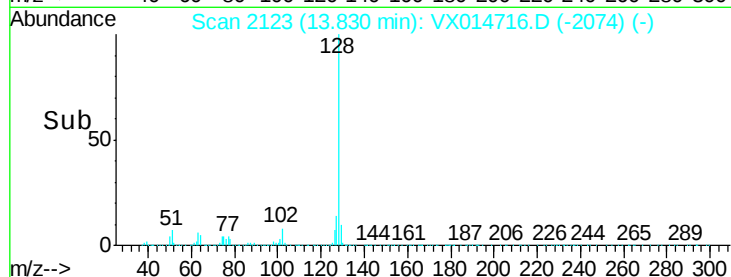
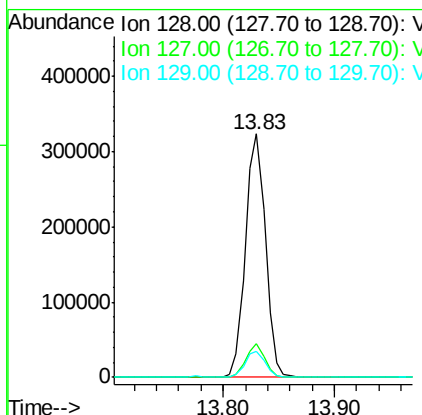
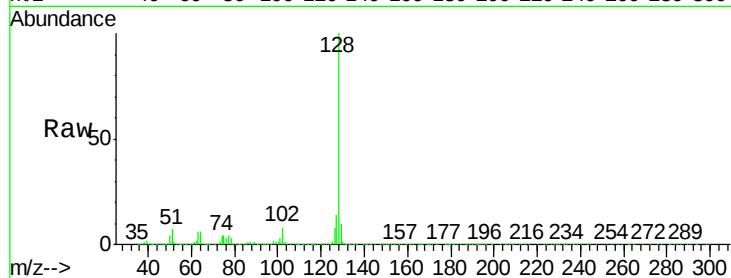
#95
Naphthalene
Concen: 19.144 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampled :
VX0127WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.6	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.709 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014716.D
Acq: 27 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.6	139.7
145	30.1	14.7	44.1

