

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013535.D
 Acq On : 22 Nov 2019 15:59
 Operator : JC/SP
 Sample : VX1122WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1122WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:40:17 AM

Quant Time: Nov 22 17:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	113073	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	631136	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	571013	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	241860	28.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.57%
60) 4-Bromofluorobenzene	11.13	95	270745	29.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.33%
63) Toluene-d8	8.71	98	767912	29.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	160579	18.954	ug/l 96
3) Chloromethane	1.32	50	174013	18.846	ug/l 99
4) Vinyl Chloride	1.40	62	198823	18.951	ug/l 97
5) Bromomethane	1.63	94	98416	15.603	ug/l 96
6) Chloroethane	1.72	64	109440	18.976	ug/l 97
7) Trichlorofluoromethane	1.92	101	214254	18.969	ug/l 99
8) Diethyl Ether	2.18	74	98778	19.153	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127307	18.734	ug/l 99
10) 1,1-Dichloroethene	2.36	96	131567	18.840	ug/l 97
11) Methyl Iodide	2.50	142	142777	16.558	ug/l 98
12) Methyl Acetate	2.76	43	231805	18.943	ug/l 99
13) Acrolein	2.28	56	117243	90.199	ug/l 98
14) Acrylonitrile	3.13	53	411982	91.556	ug/l 98
15) Acetone	2.43	58	130123	95.479	ug/l 94
16) Carbon Disulfide	2.56	76	333520	17.123	ug/l 98
17) Allyl chloride	2.72	41	230579	17.930	ug/l 98
18) Methylene Chloride	2.84	84	151612	19.135	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	139034	18.629	ug/l 99
20) Diisopropyl ether	3.84	45	465769	18.825	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	254951	18.919	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	160123	18.818	ug/l 98
23) tert-Butyl Alcohol	3.03	59	190159	87.812	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	439993	19.037	ug/l 100
25) Chloroform	5.20	83	247267	18.745	ug/l 98
26) Cyclohexane	5.57	56	224018	18.306	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	186547	19.352	ug/l 99
30) 2-Butanone	4.65	43	611738	96.142	ug/l 99
31) 2,2-Dichloropropane	4.57	77	186076	17.823	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	207566	19.372	ug/l 98
33) Carbon Tetrachloride	5.78	117	179494	19.287	ug/l 98
34) Benzene	6.14	78	576480	19.716	ug/l 99
35) Methacrylonitrile	5.03	41	122707	19.312	ug/l 97
36) 1,2-Dichloroethane	6.18	62	200930	19.632	ug/l 100
37) Trichloroethene	7.21	130	155393	19.838	ug/l 99
38) Methylcyclohexane	7.46	83	227056	19.210	ug/l 99
39) 1,2-Dichloropropane	7.51	63	148568	19.651	ug/l 97
40) Dibromomethane	7.65	93	97263	19.331	ug/l 97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
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Quant Time: Nov 22 17:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	188680	19.210	ug/l	99
42) Vinyl Acetate	3.80	43	1771814	88.446	ug/l	100
43) Ethyl Acetate	4.82	43	214697	18.500	ug/l	96
44) Isopropyl Acetate	6.44	43	353390	18.944	ug/l	99
45) 1,4-Dioxane	7.73	88	77659	377.069	ug/l	96
46) Methyl methacrylate	7.76	41	176082	18.976	ug/l	98
47) n-amyl Acetate	10.89	43	298429	18.238	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	197360	17.919	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	228117	18.902	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	148803	19.986	ug/l	98
51) Ethyl methacrylate	9.17	69	233850	19.076	ug/l	99
52) 1,3-Dichloropropane	9.37	76	255934	20.108	ug/l	99
53) Dibromochloromethane	9.58	129	148621	18.834	ug/l	98
54) 1,2-Dibromoethane	9.67	107	154749	19.437	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	495208	94.543	ug/l	100
56) Bromoform	10.86	173	112550	17.923	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1153095	96.666	ug/l	99
59) 2-Hexanone	9.48	43	886785	93.956	ug/l	99
61) Tetrachloroethene	9.33	164	185304	26.317	ug/l	97
62) Toluene	8.78	91	620431	19.506	ug/l	99
64) Chlorobenzene	10.14	112	385978	19.408	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	140762	18.909	ug/l	99
66) Ethyl Benzene	10.25	91	682868	19.543	ug/l	100
67) m/p-Xylenes	10.36	106	512635	38.033	ug/l	99
68) o-Xylene	10.70	106	253818	19.512	ug/l	97
69) Styrene	10.71	104	417949	18.816	ug/l	99
70) Isopropylbenzene	11.01	105	656400	19.150	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	228524	18.620	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	213230m	20.576	ug/l	
73) Bromobenzene	11.25	156	169901	18.796	ug/l	99
74) n-propylbenzene	11.35	91	742841	19.070	ug/l	100
75) 2-Chlorotoluene	11.42	91	441196	19.047	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	543778	18.874	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	69422	16.568	ug/l	97
78) 4-Chlorotoluene	11.51	91	494939	18.649	ug/l	100
79) tert-butylbenzene	11.76	119	507819	17.469	ug/l	95
80) 1,2,4-Trimethylbenzene	11.80	105	545419	18.997	ug/l	100
81) sec-Butylbenzene	11.94	105	628494	18.950	ug/l	100
82) p-Isopropyltoluene	12.06	119	569345	18.632	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	295956	18.623	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	292849	18.564	ug/l	98
85) n-Butylbenzene	12.39	91	461028	17.481	ug/l	98
86) Hexachloroethane	12.59	117	100754	17.968	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	299385	18.839	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	50015	18.223	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	190565	17.392	ug/l	98
90) Hexachlorobutadiene	13.78	225	92125	17.546	ug/l	98
91) Naphthalene	13.83	128	615893	17.753	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	199598	18.025	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Nov 22 17:48:00 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

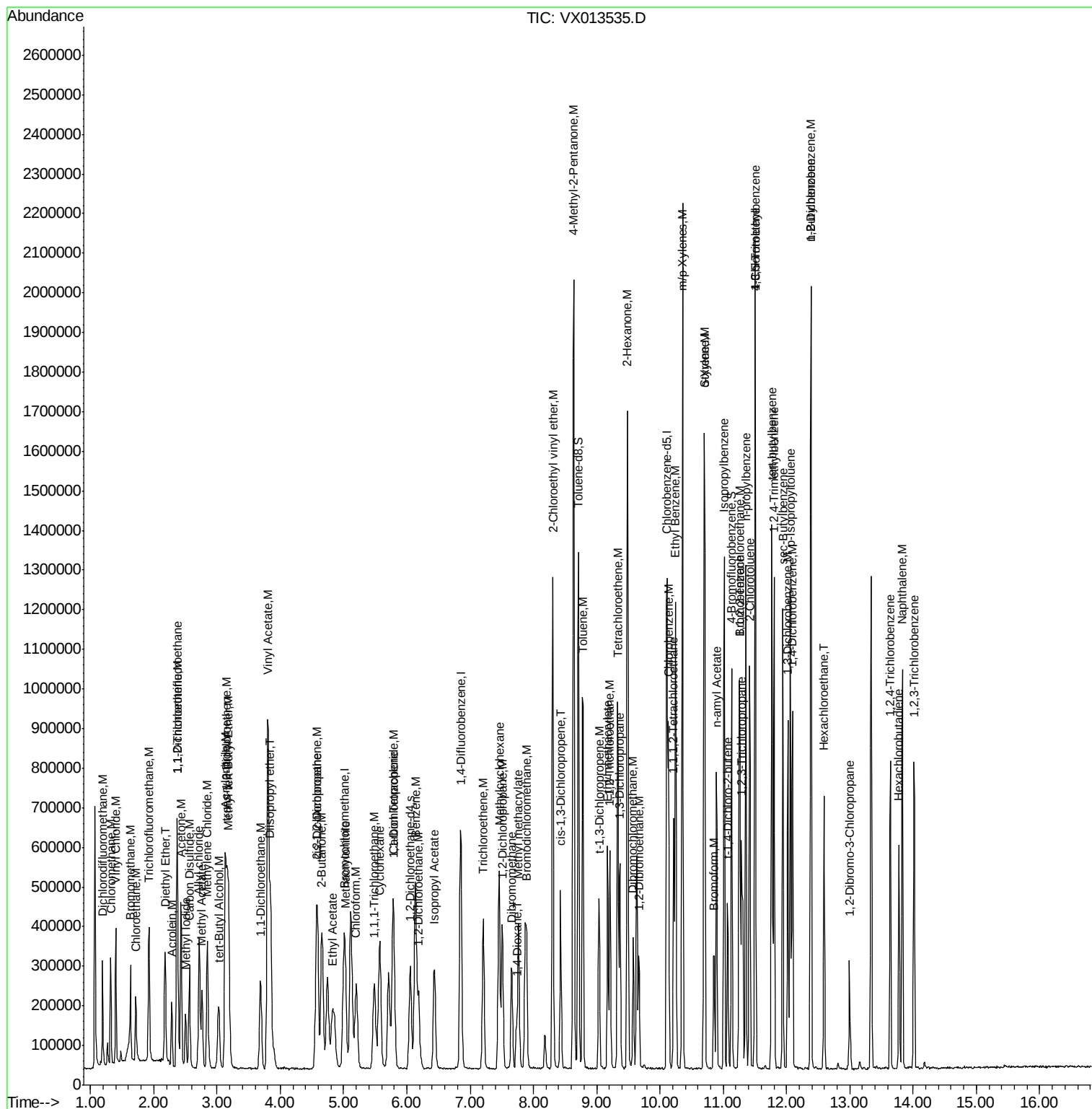
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013535.D
 Acq On : 22 Nov 2019 15:59
 Operator : JC/SP
 Sample : VX1122WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

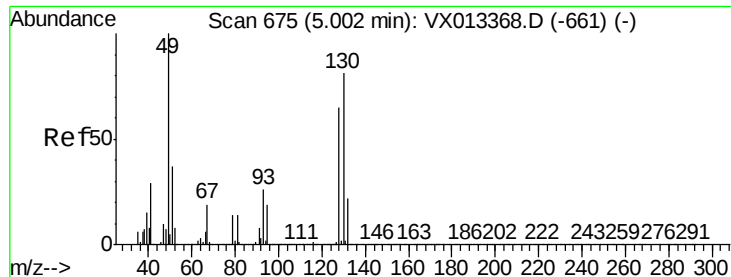
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1122WBSD01

Manual Integrations
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Quant Time: Nov 22 17:48:00 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
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#1

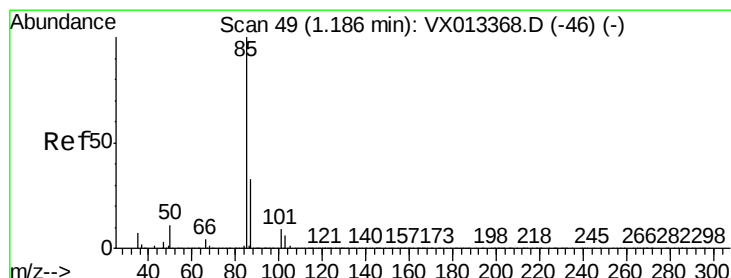
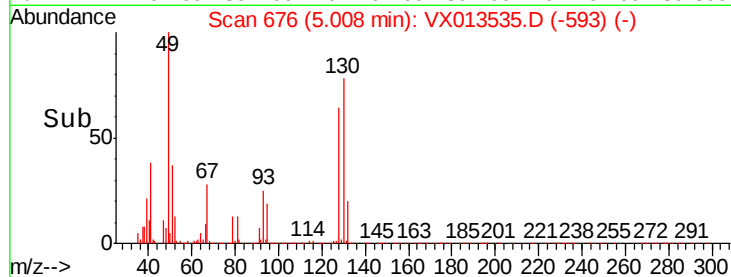
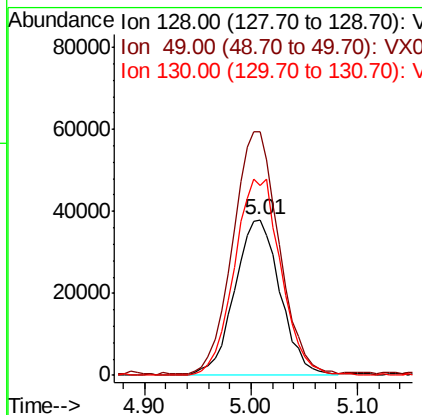
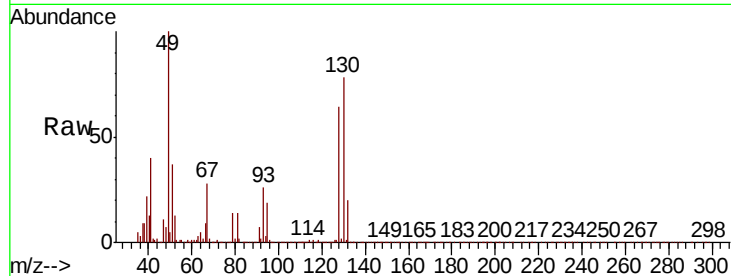
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	113073		
49	158.4	0.0	388.3	
130	130.4	0.0	318.5	

Manual Integrations
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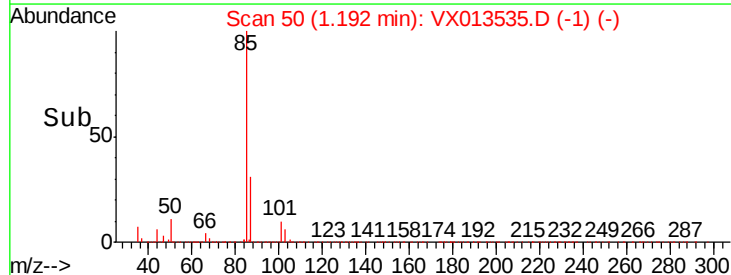
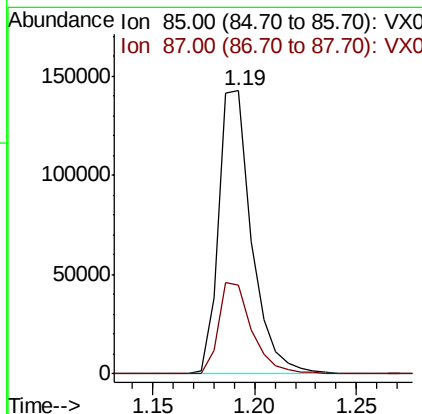
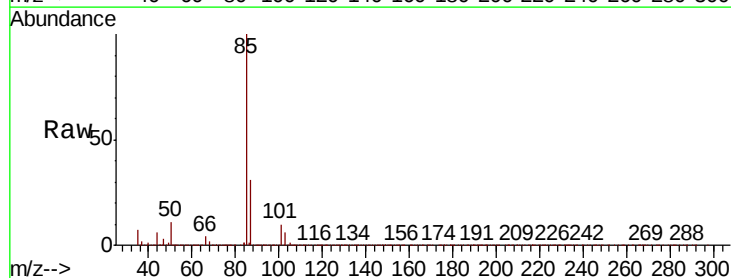
MMDadoda
 11/25/2019 10:40:17 AM

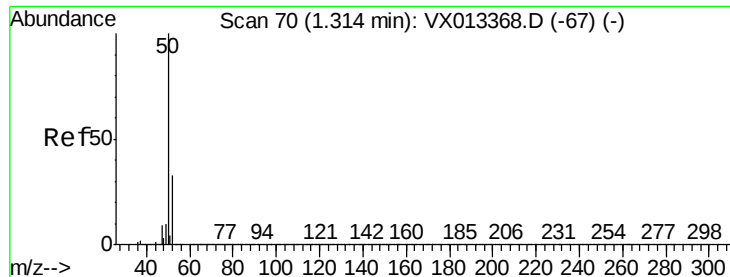


#2

Dichlorodifluoromethane
 Concen: 18.954 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	160579		
87	31.0	16.6	49.7	





#3

Chloromethane

Concen: 18.846 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 50 Resp: 174013

Ion Ratio Lower Upper

50 100

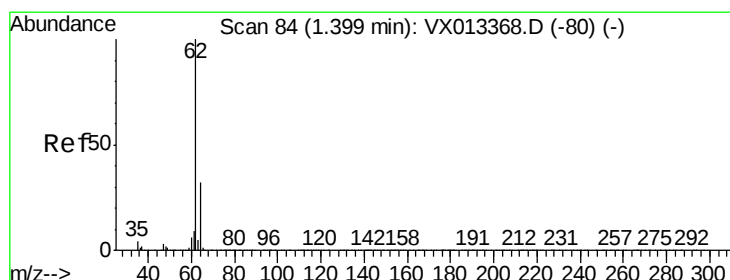
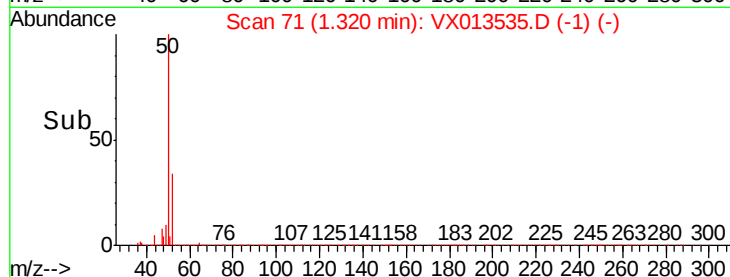
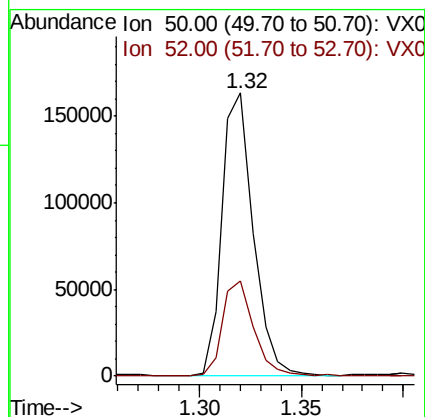
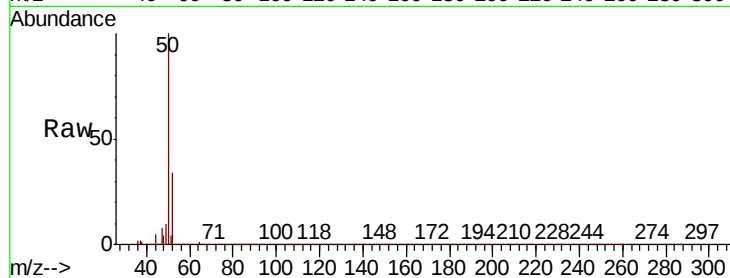
52 33.7 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.951 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013535.D

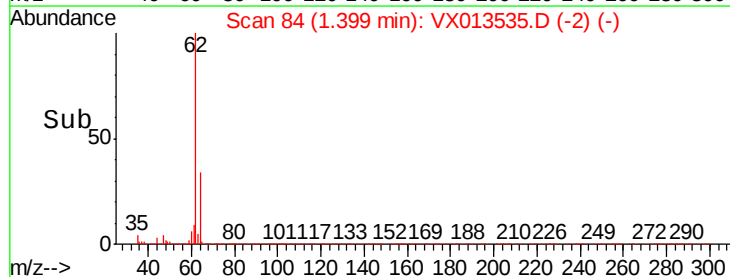
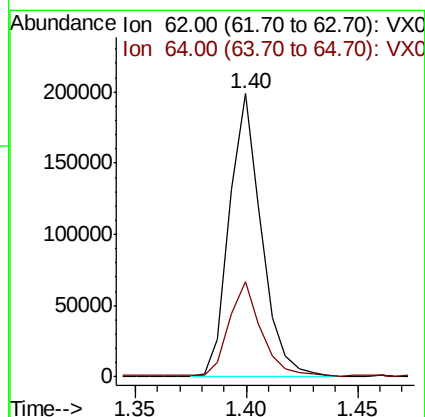
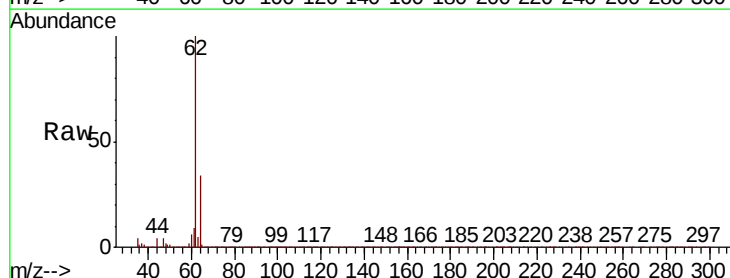
Acq: 22 Nov 2019 15:59

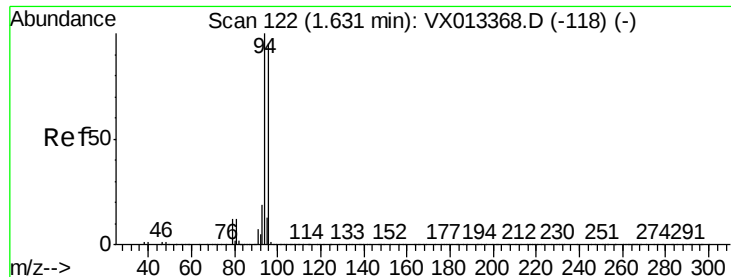
Tgt Ion: 62 Resp: 198823

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.2





#5

Bromomethane

Concen: 15.603 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 94 Resp: 98416

Ion Ratio Lower Upper

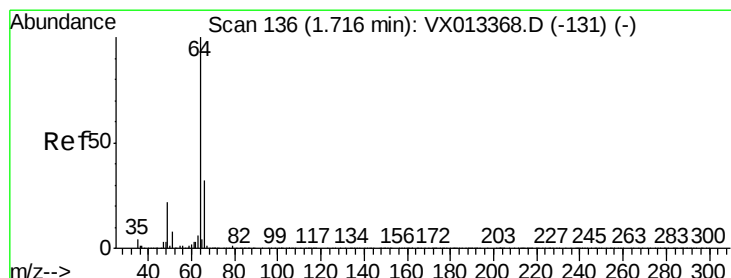
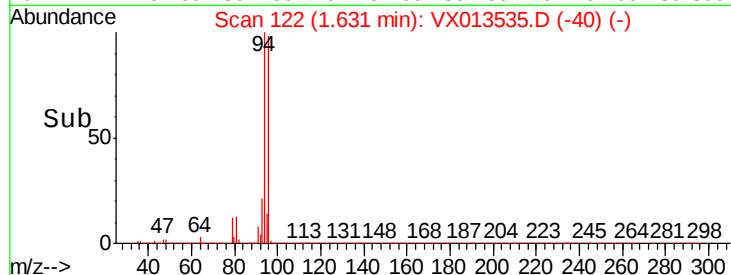
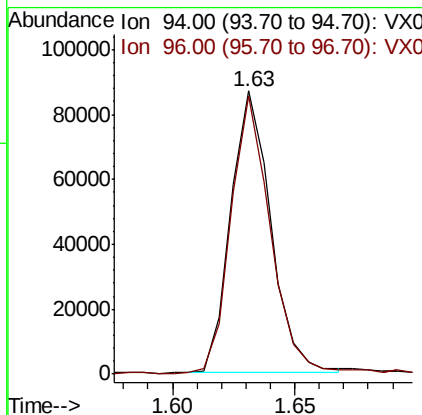
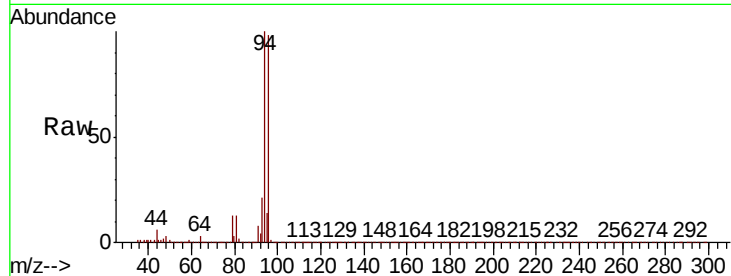
94 100

96 98.1 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 18.976 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013535.D

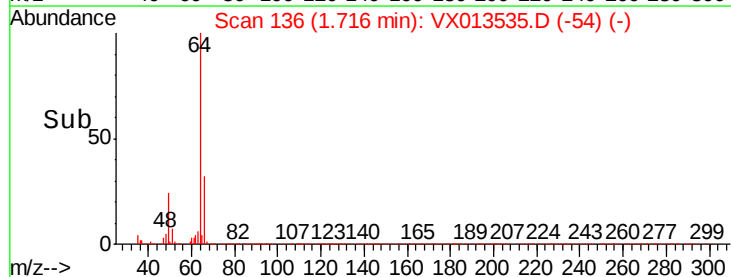
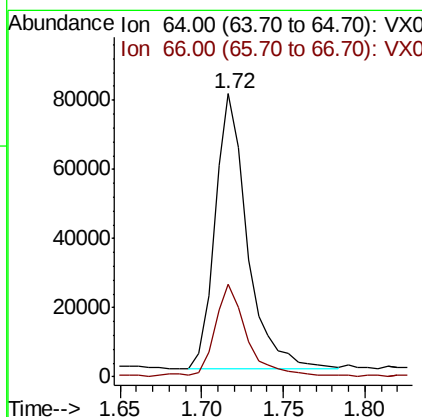
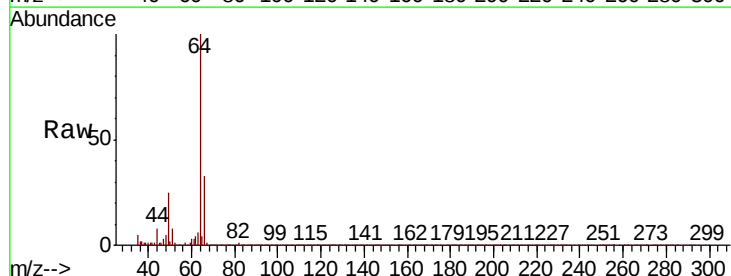
Acq: 22 Nov 2019 15:59

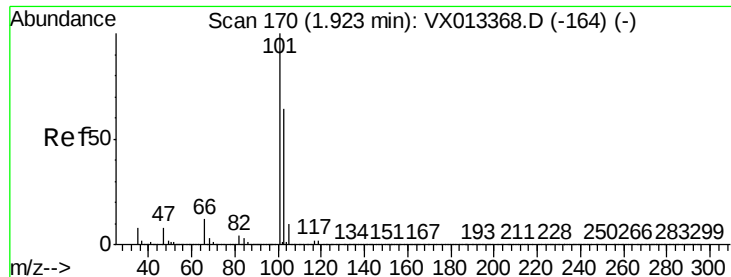
Tgt Ion: 64 Resp: 109440

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3





#7

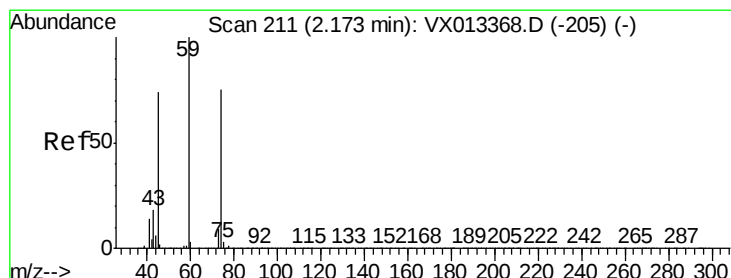
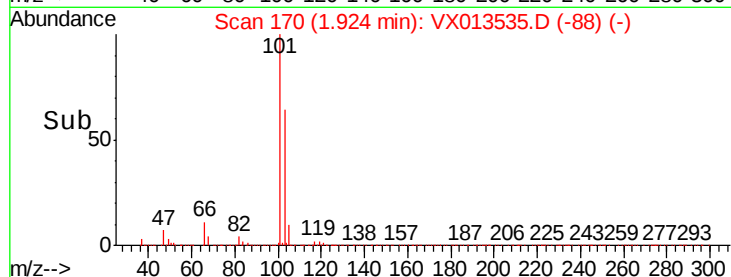
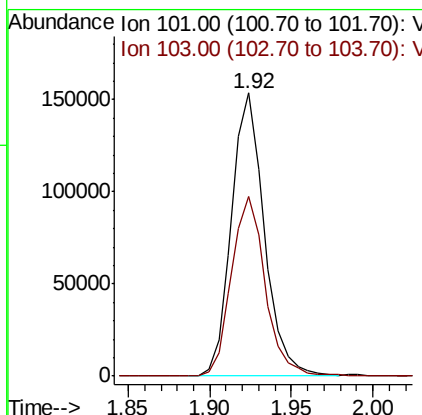
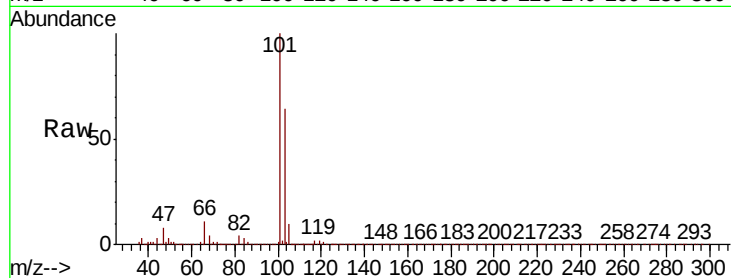
Trichlorofluoromethane
Concen: 18.969 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.2	76.8

Manual Integrations
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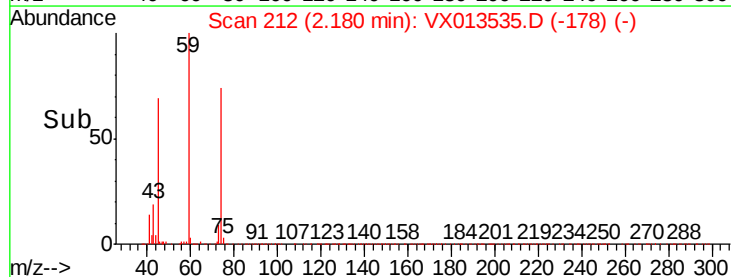
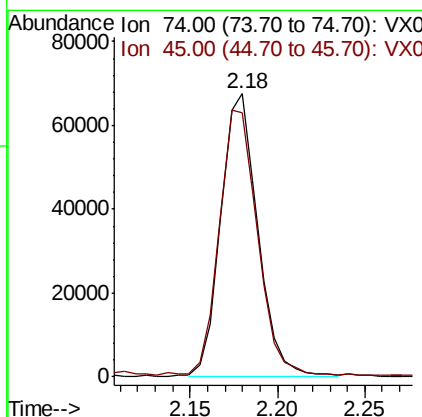
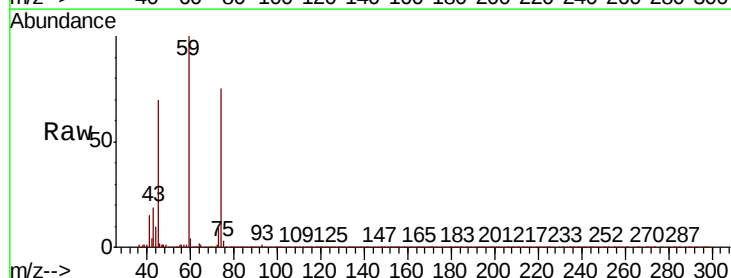
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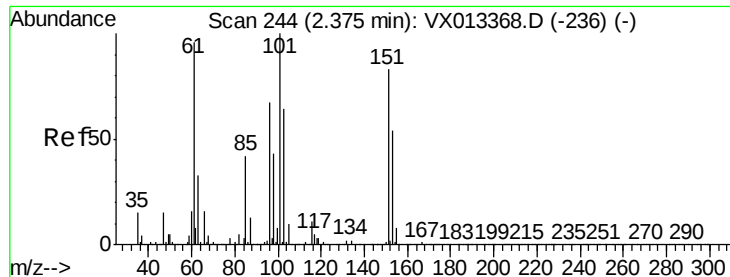


#8

Diethyl Ether
Concen: 19.153 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.734 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

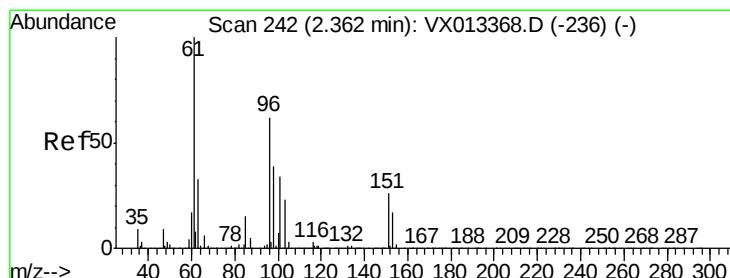
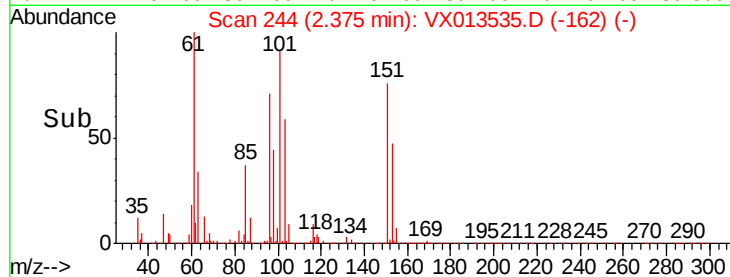
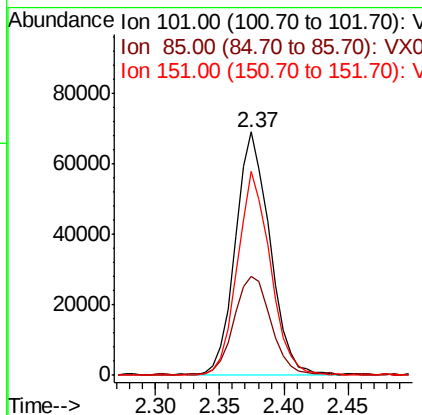
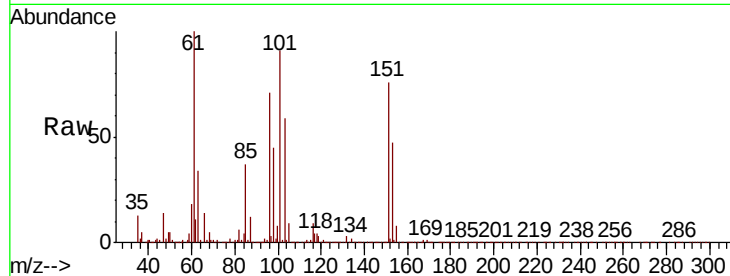
ClientSampleId :

VX1122WBSD01

Tot Ion:	101	Resp:	127307
Ion Ratio	Lower	Upper	
101	100		
85	42.6	0.0	83.2
151	80.7	0.0	163.8

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#10

1,1-Dichloroethene

Concen: 18.840 ug/l

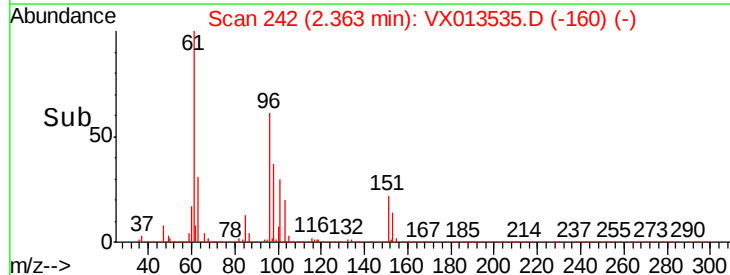
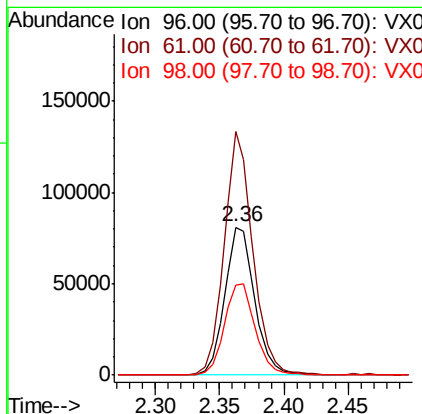
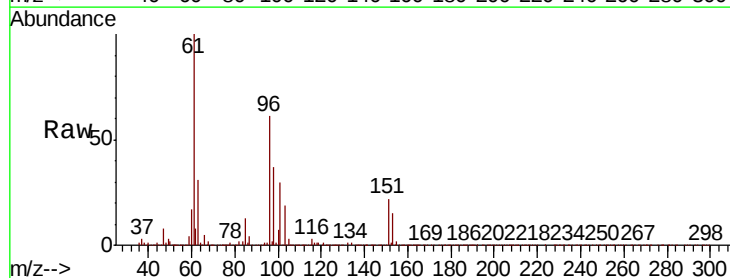
RT: 2.36 min Scan# 242

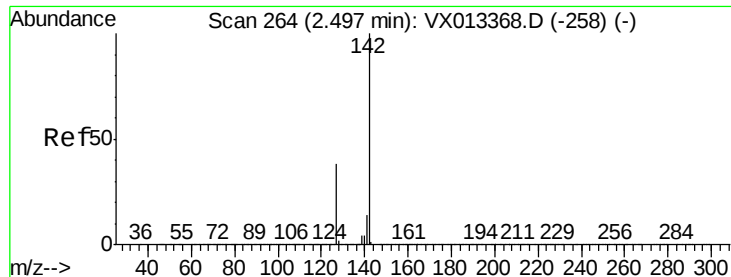
Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion:	96	Resp:	131567
Ion Ratio	Lower	Upper	
96	100		
61	165.1	128.9	193.3
98	60.5	49.7	74.5





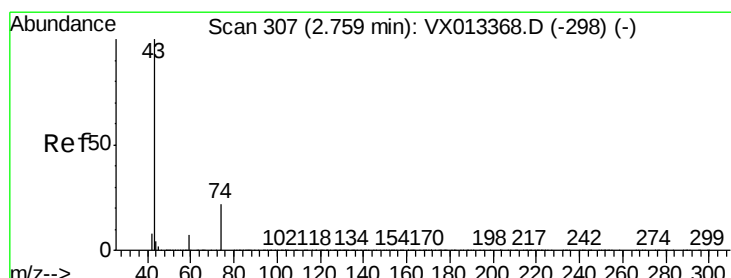
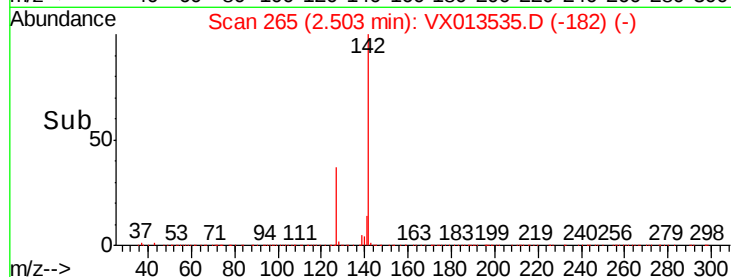
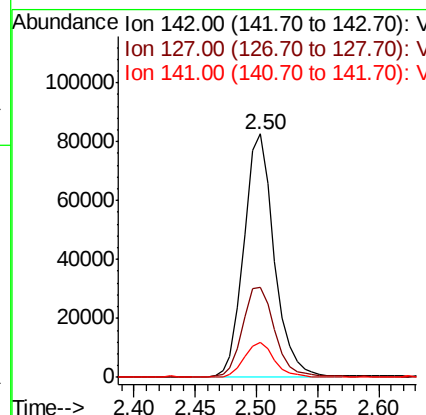
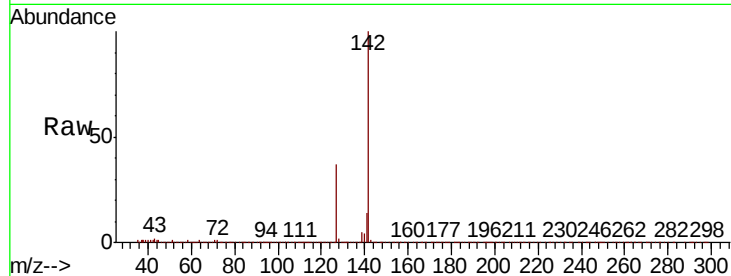
#11
Methyl Iodide
Concen: 16.558 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	36.6	19.1	57.5
141	13.9	7.0	21.0

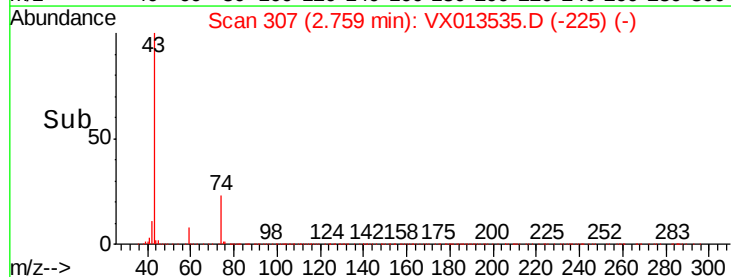
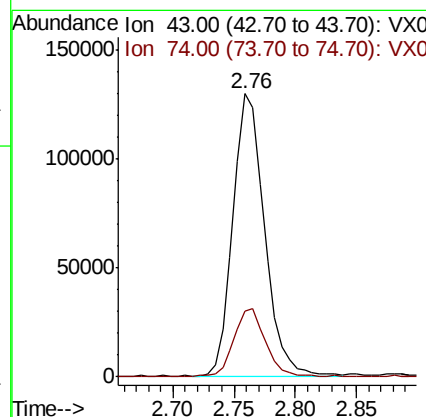
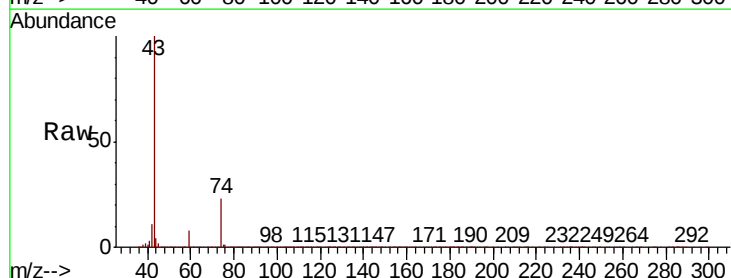
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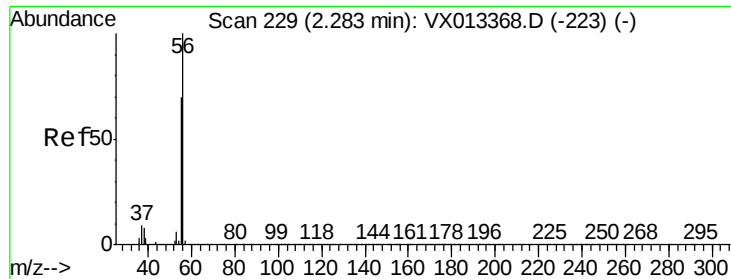
MMDadoda
11/25/2019 10:40:17 AM



#12
Methyl Acetate
Concen: 18.943 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0





#13

Acrolein

Concen: 90.199 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 56 Resp: 117243

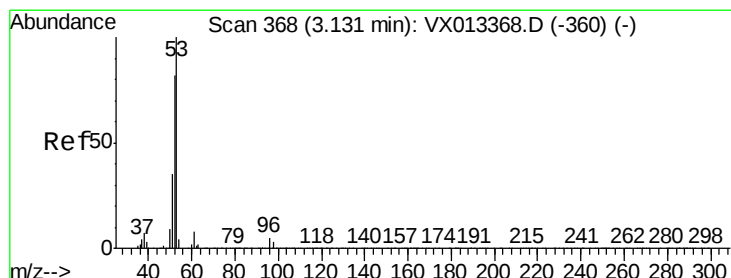
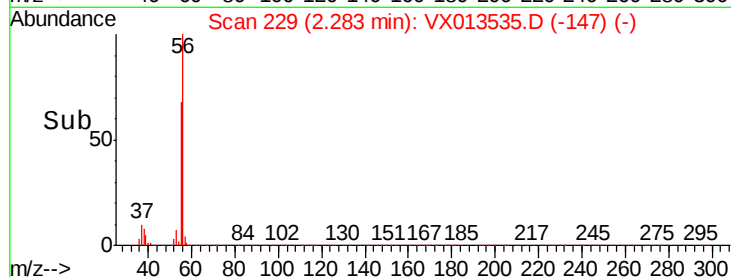
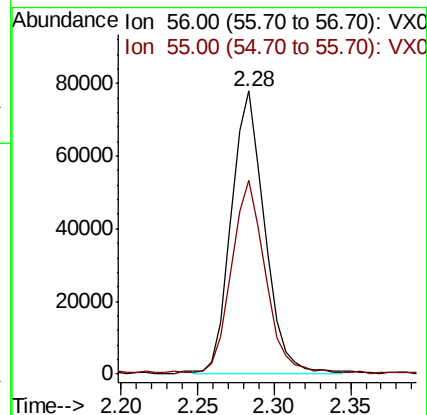
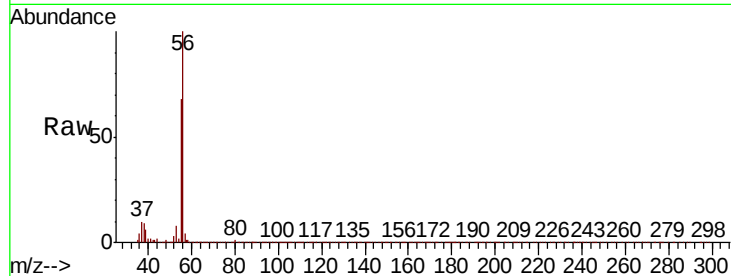
Ion Ratio Lower Upper

56 100

55 68.4 55.8 83.8

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#14

Acrylonitrile

Concen: 91.556 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

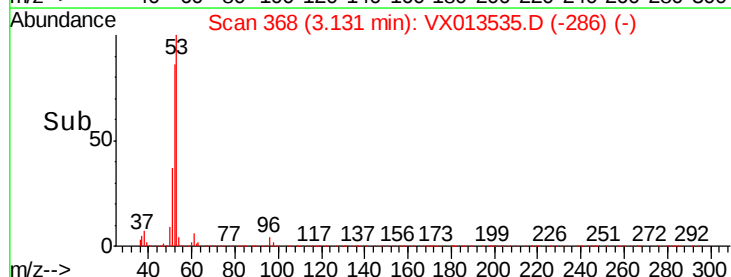
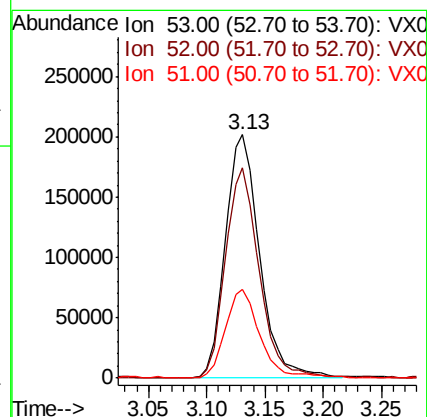
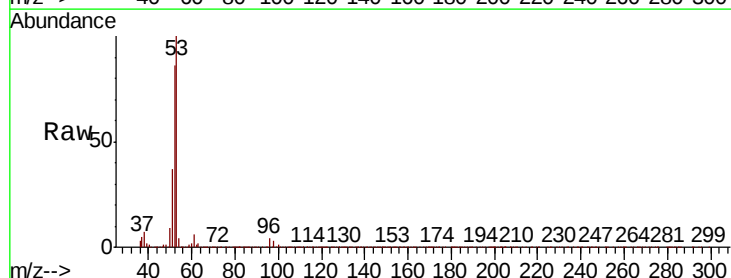
Tgt Ion: 53 Resp: 411982

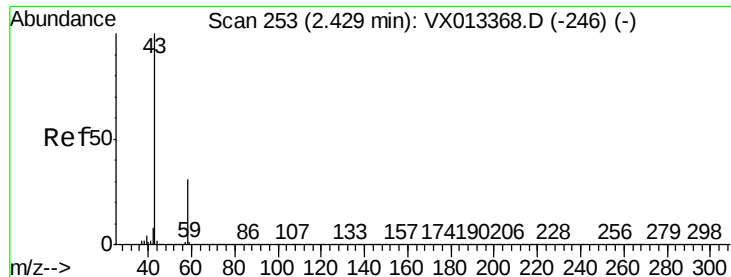
Ion Ratio Lower Upper

53 100

52 84.8 41.0 123.0

51 35.0 17.3 51.9





#15

Acetone

Concen: 95.479 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 58 Resp: 130123

Ion Ratio Lower Upper

58 100

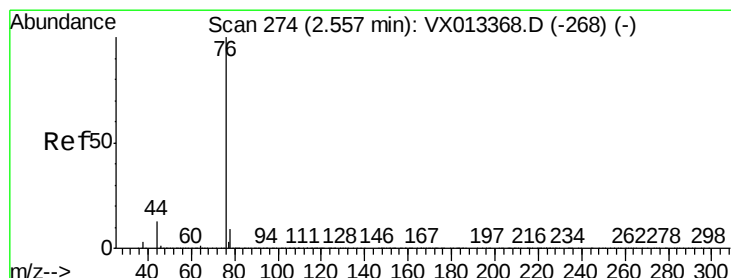
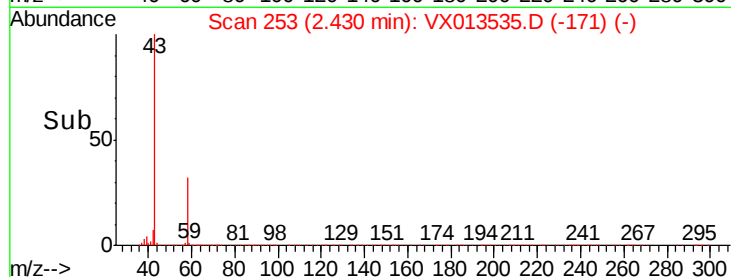
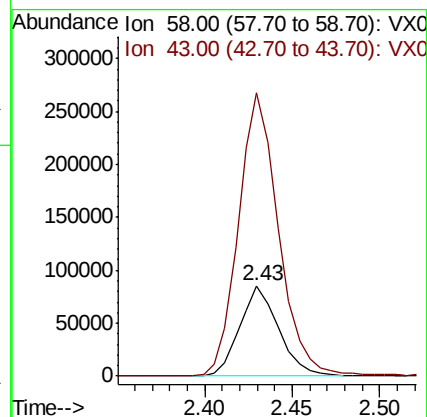
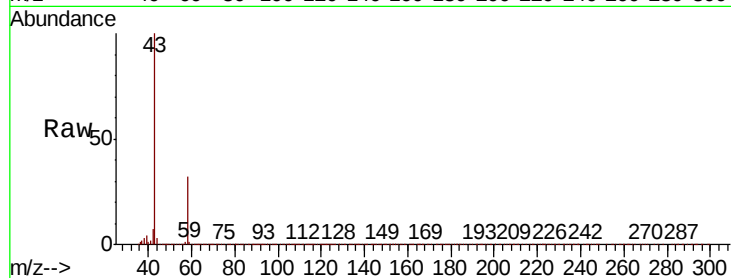
43 313.4 261.4 392.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.123 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013535.D

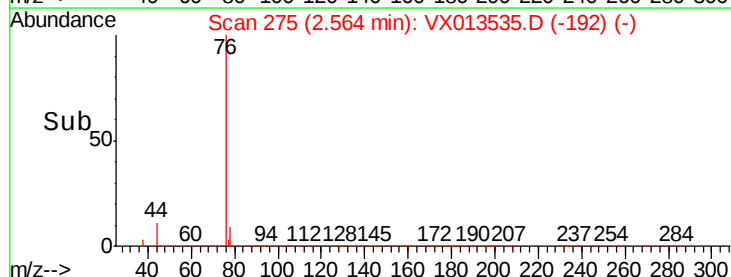
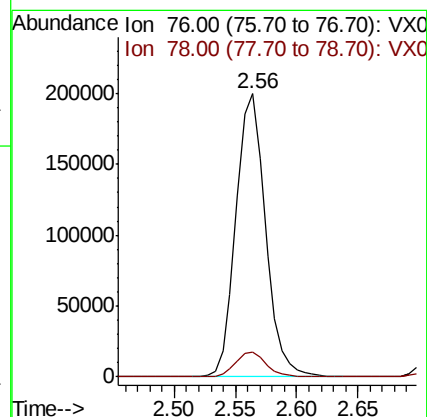
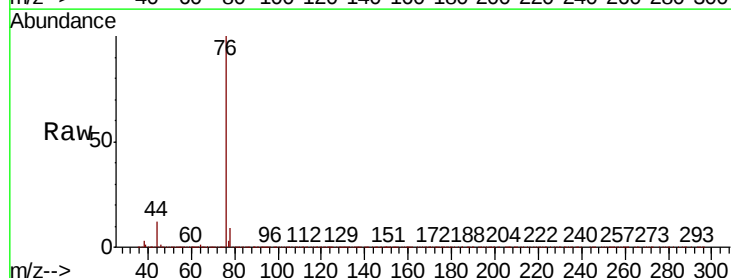
Acq: 22 Nov 2019 15:59

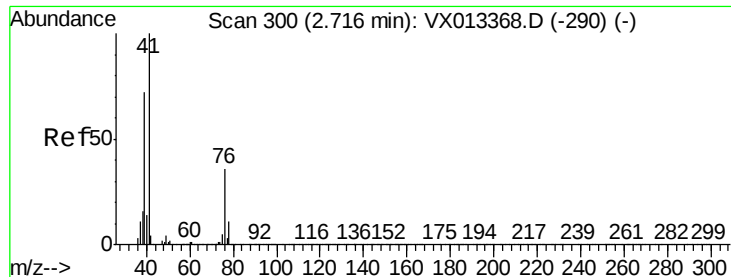
Tgt Ion: 76 Resp: 333520

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0





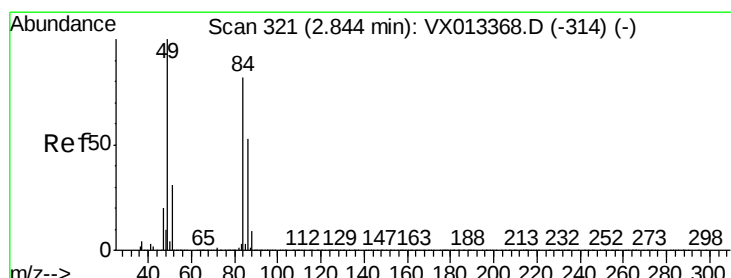
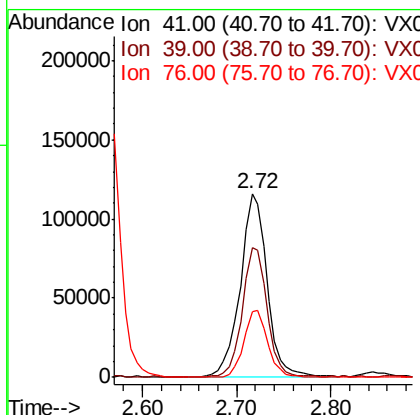
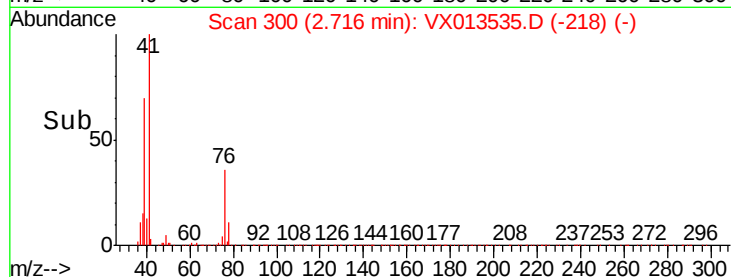
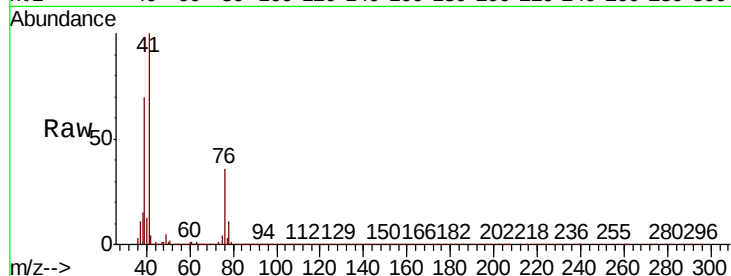
#17
Allvl chloride
Concen: 17.930 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.7	36.1	108.3
76	35.7	18.1	54.4

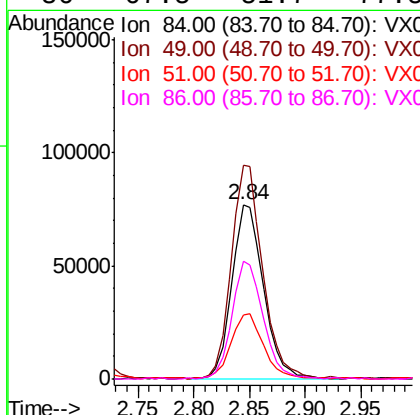
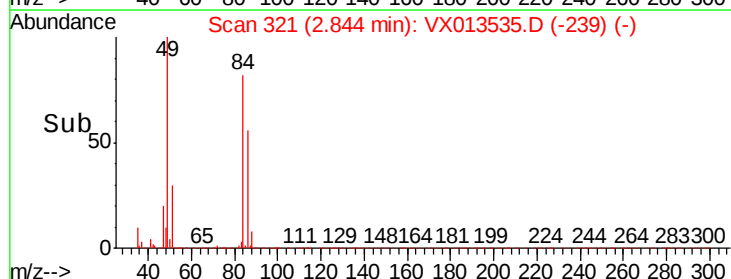
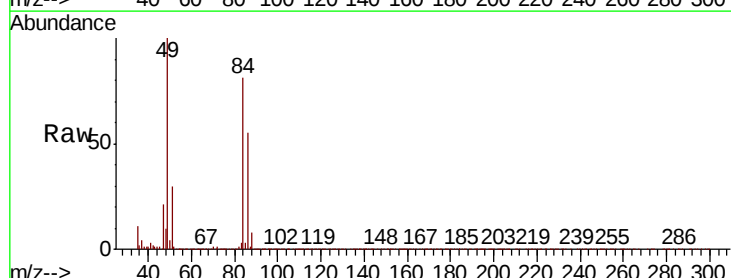
Manual Integrations
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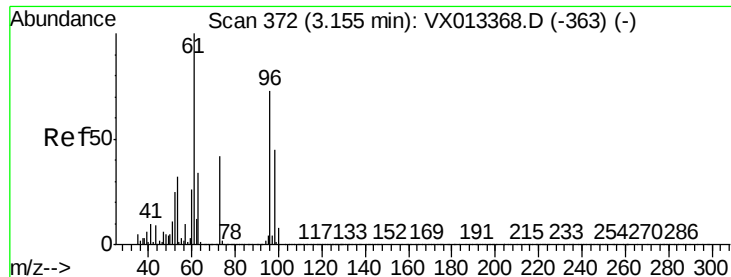
MMDadoda
11/25/2019 10:40:17 AM



#18
Methylene Chloride
Concen: 19.135 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	96.8	145.2
51	36.8	30.0	45.0
86	67.5	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 18.629 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

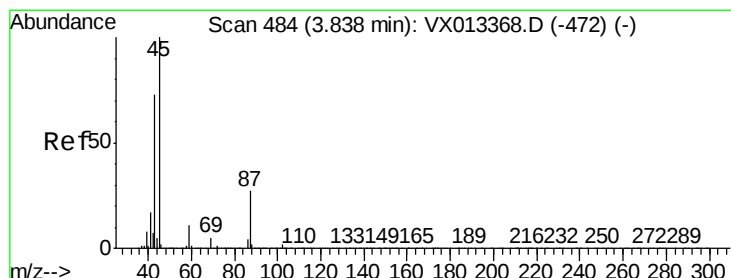
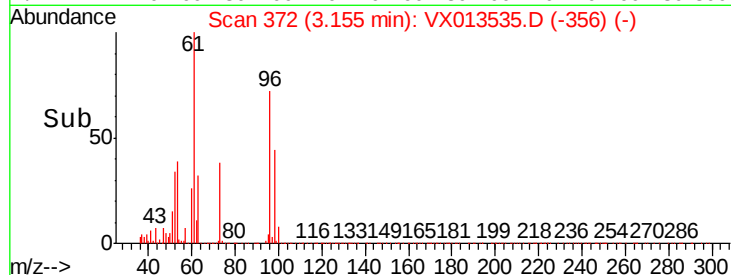
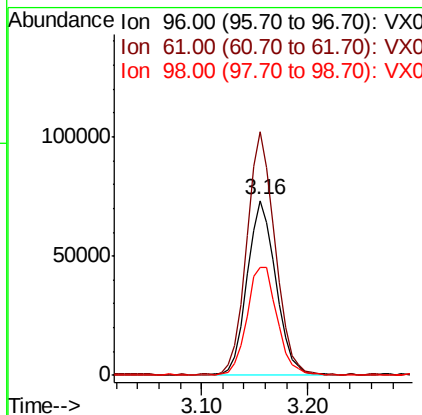
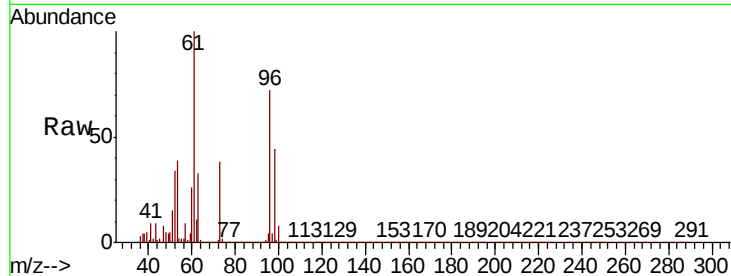
ClientSampleId :

VX1122WBSD01

Tot Ion:	96	Resp:	139034
Ion	Ratio	Lower	Upper
96	100		
61	139.5	109.9	164.9
98	61.4	49.7	74.5

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.825 ug/l

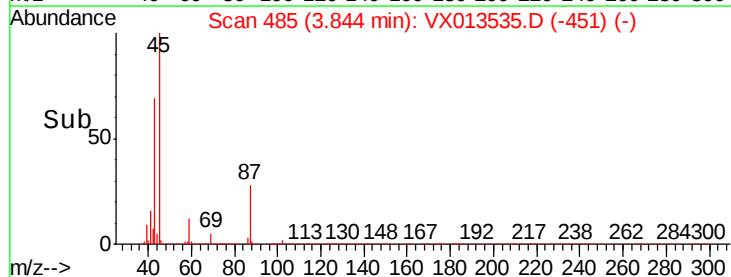
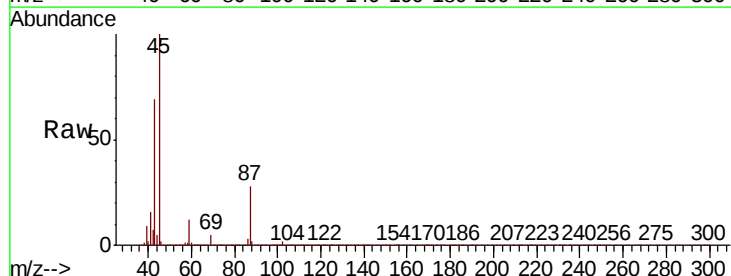
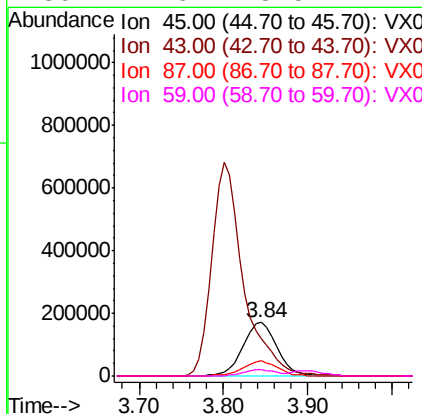
RT: 3.84 min Scan# 485

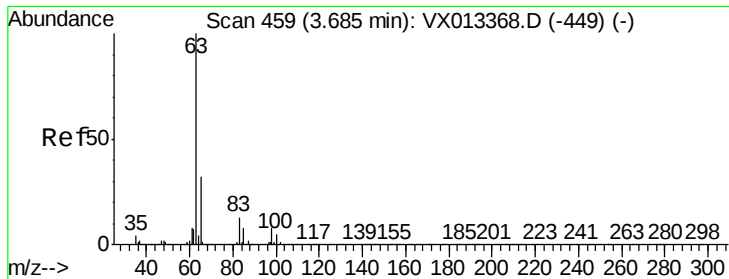
Delta R.T. 0.01 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion:	45	Resp:	465769
Ion	Ratio	Lower	Upper
45	100		
43	67.5	67.7	101.5#
87	27.8	21.5	32.3
59	11.6	8.5	12.7





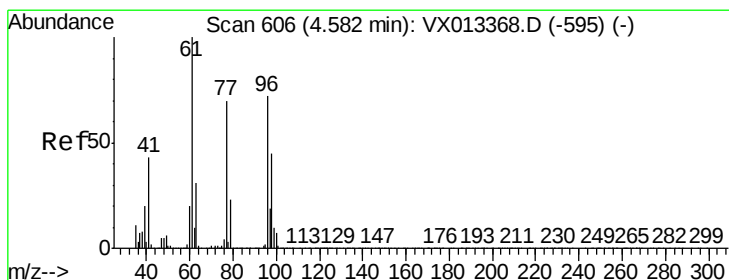
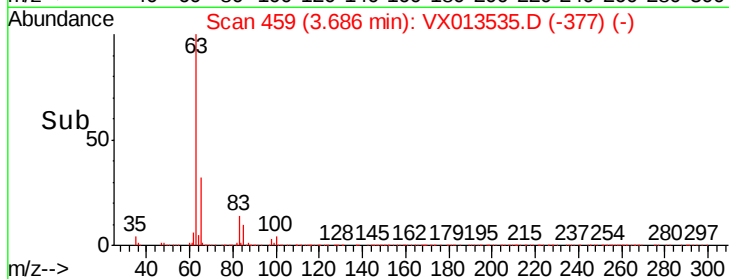
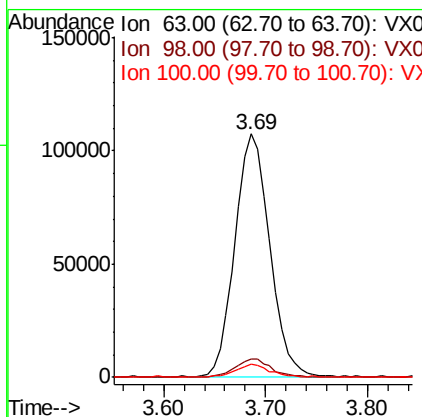
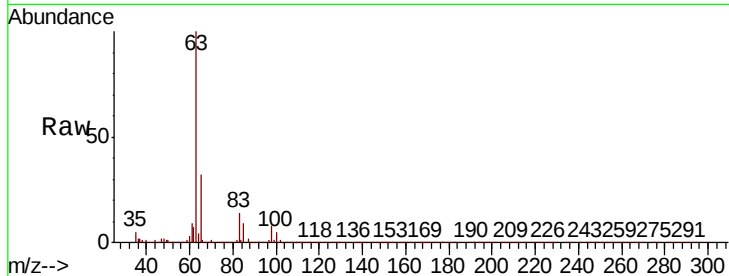
#21
1,1-Dichloroethane
Concen: 18.919 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	7.4	4.0	11.9	
100	5.1	2.5	7.5	

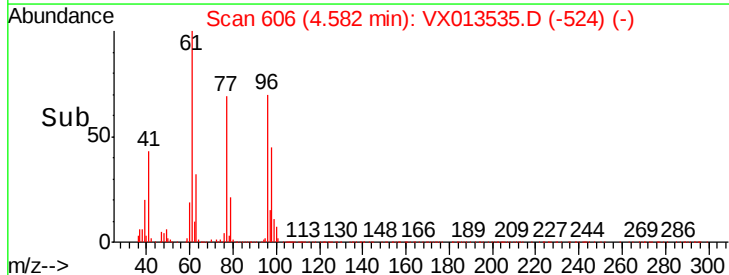
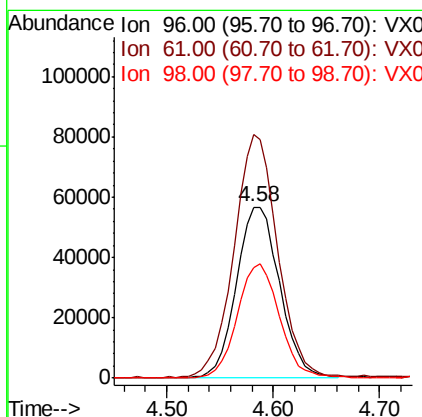
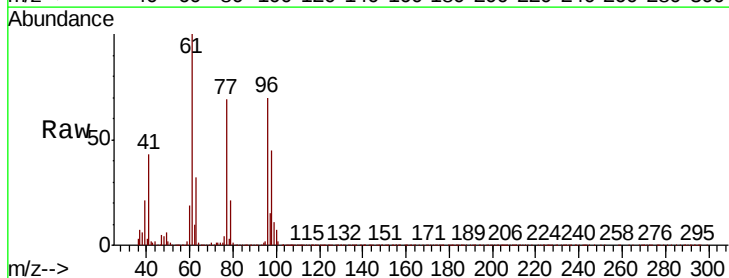
Manual Integrations
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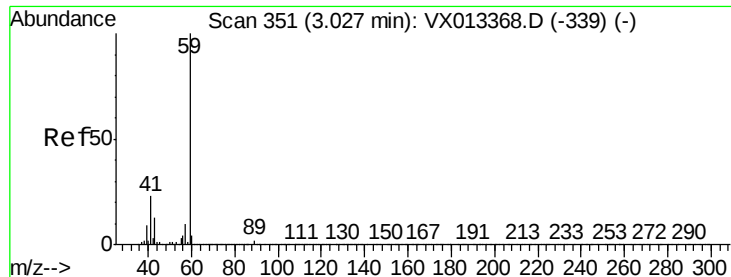
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#22
cis-1,2-Dichloroethene
Concen: 18.818 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.5	117.0	175.6	
98	65.0	51.1	76.7	





#23

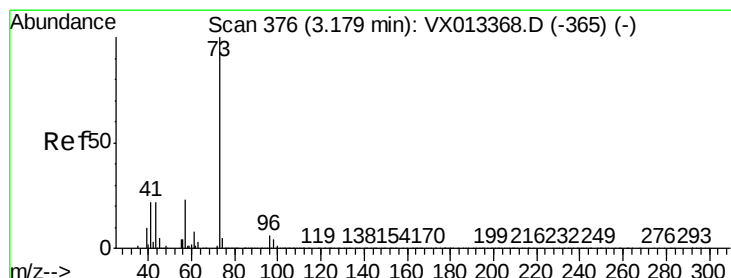
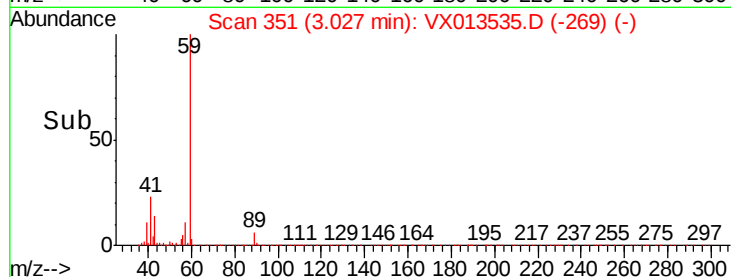
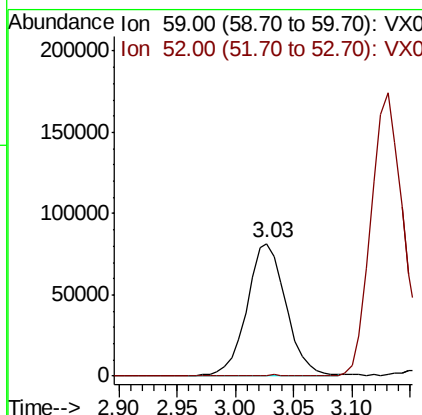
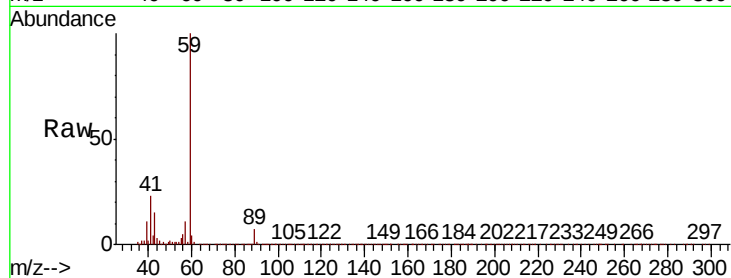
tert-Butyl Alcohol
Concen: 87.812 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.1	0.1#

Manual Integrations
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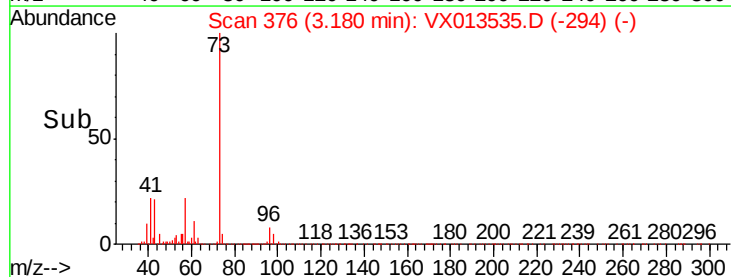
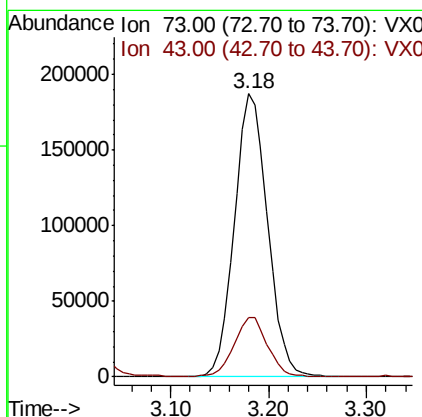
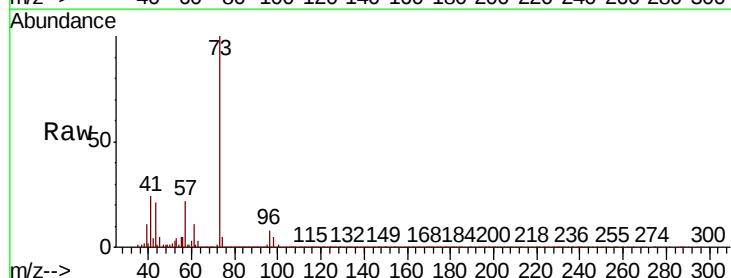
MMDadoda
11/25/2019 10:40:17 AM

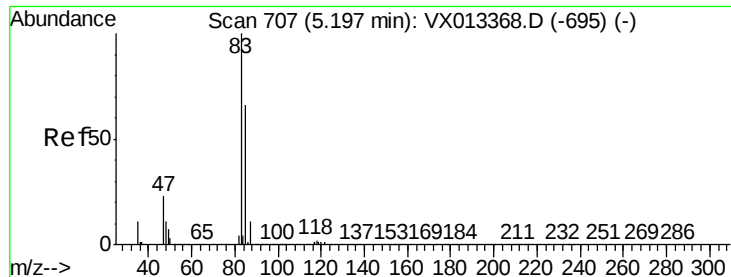


#24

Methyl tert-Butyl Ether
Concen: 19.037 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.1	17.0	25.6





#25

Chloroform

Concen: 18.745 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 83 Resp: 247267

Ion Ratio Lower Upper

83 100

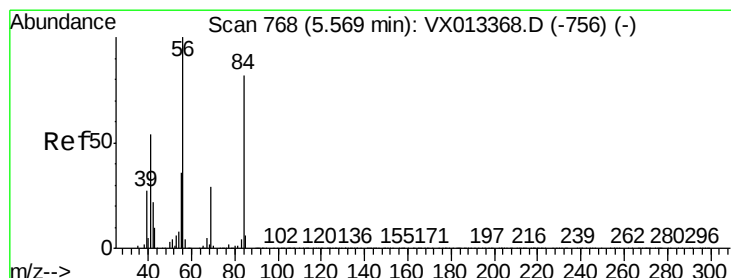
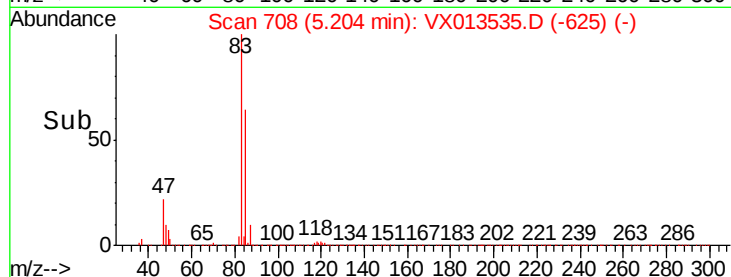
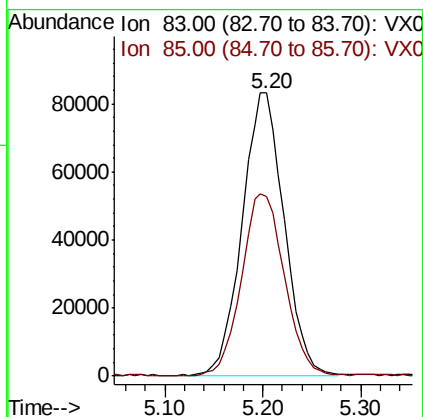
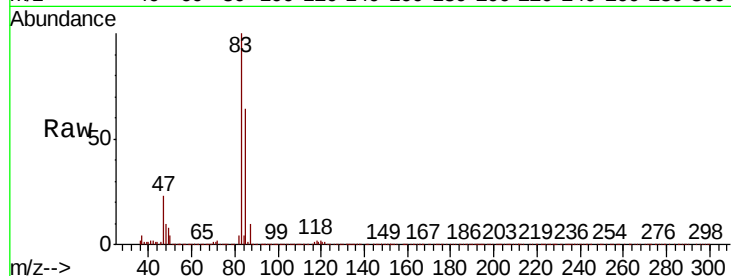
85 63.6 52.4 78.6

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#26

Cyclohexane

Concen: 18.306 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

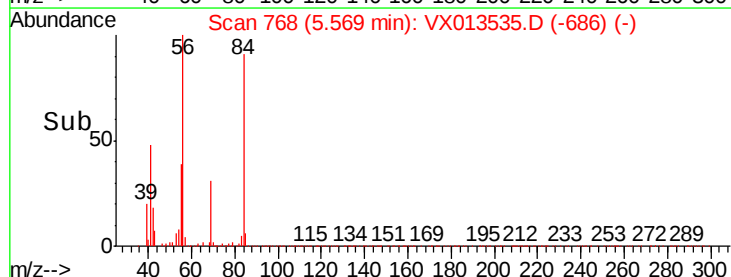
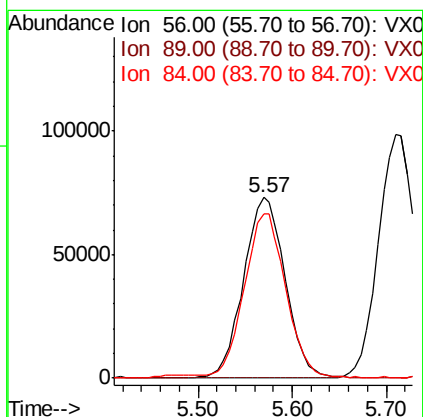
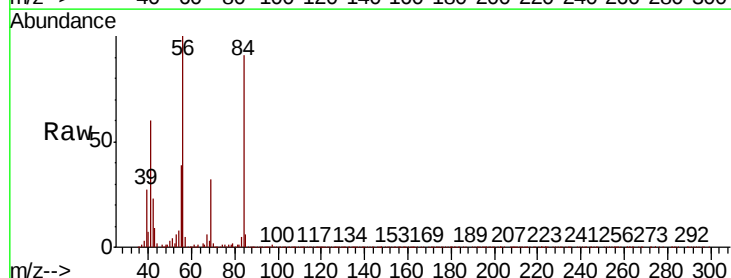
Tgt Ion: 56 Resp: 224018

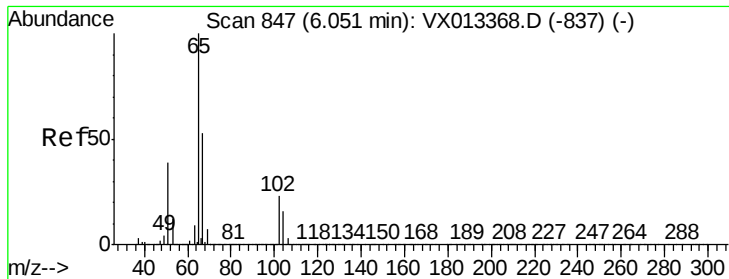
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 90.4 70.5 105.7





#27

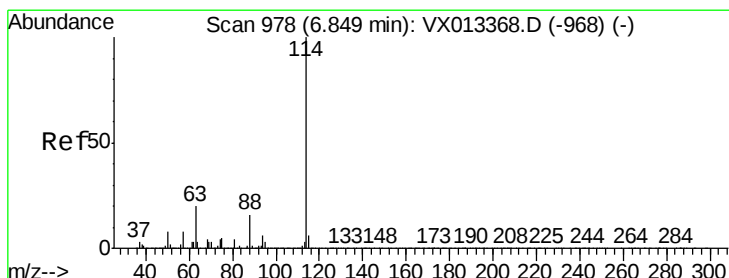
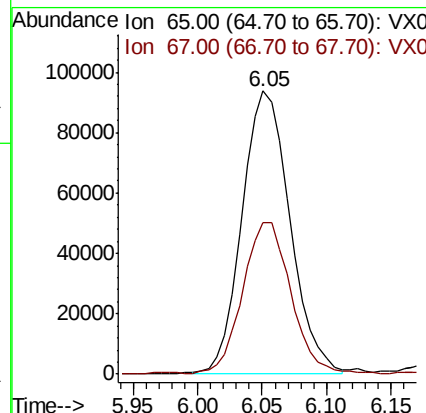
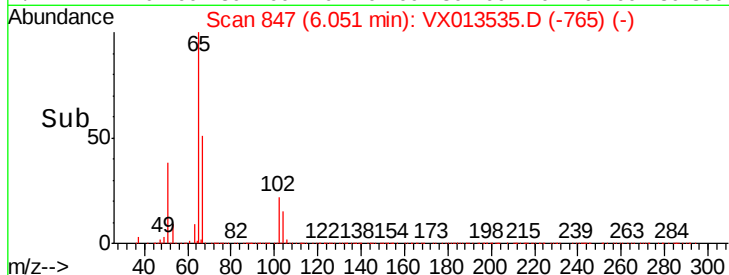
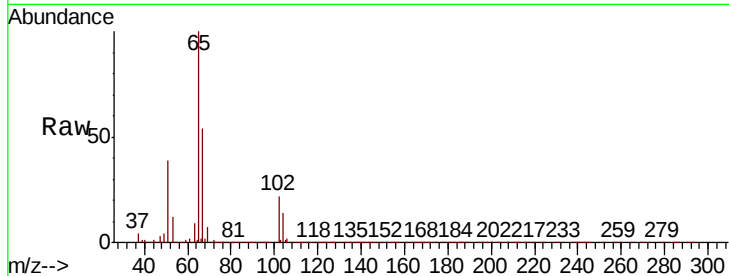
1,2-Dichloroethane-d4
Concen: 28.967 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	41.0	61.6

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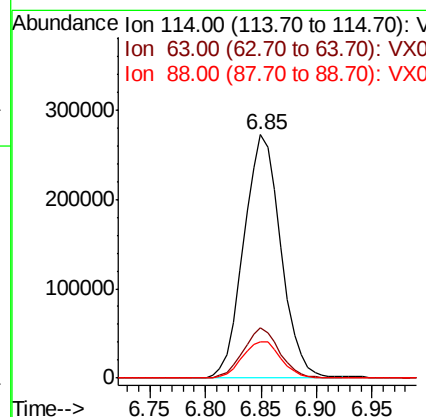
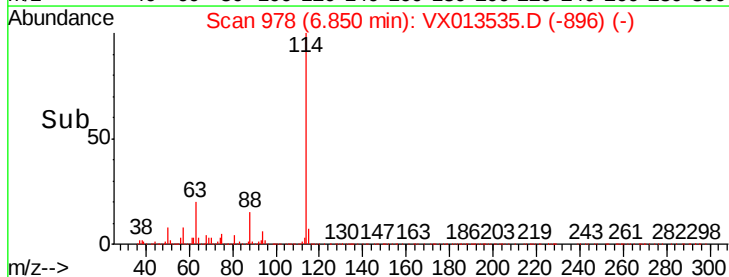
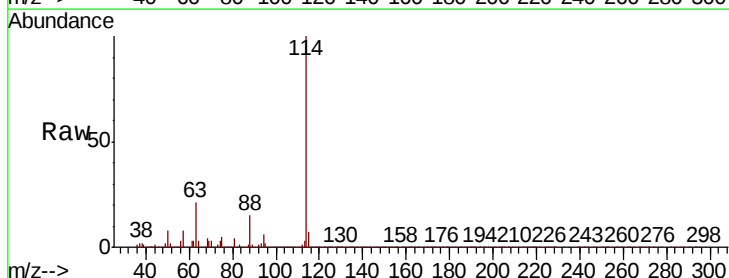
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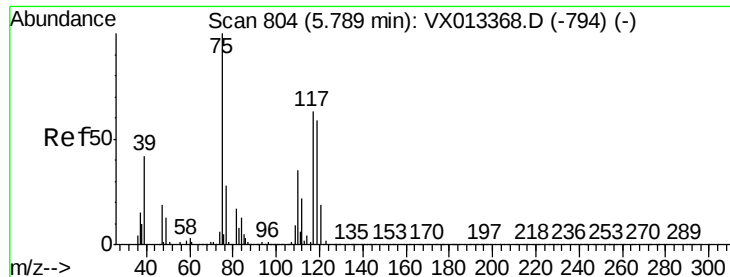


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.6	12.3	18.5





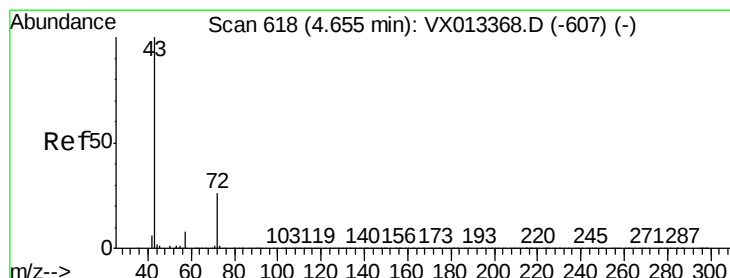
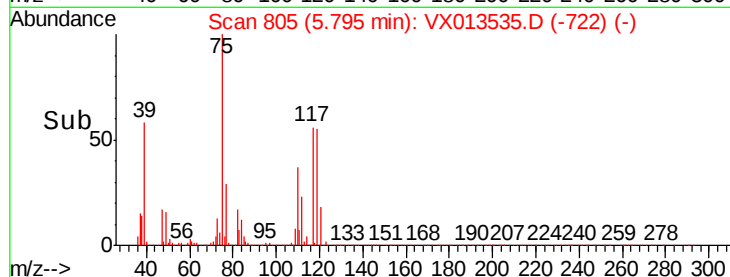
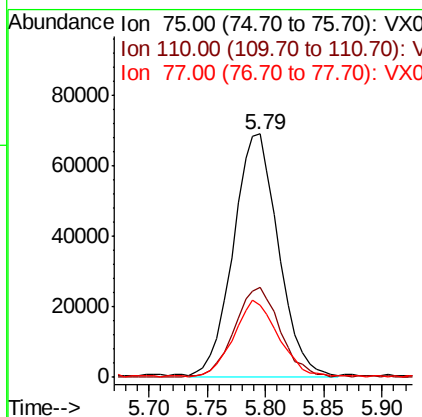
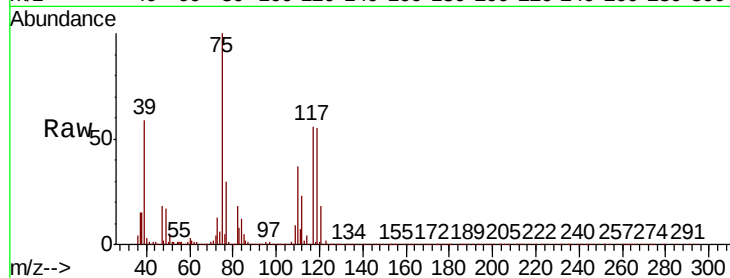
#29
 1,1-Dichloropropene
 Concen: 19.352 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.9	0.0	74.6
77	30.6	0.0	62.6

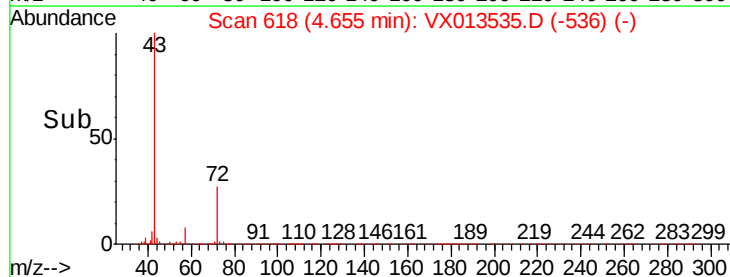
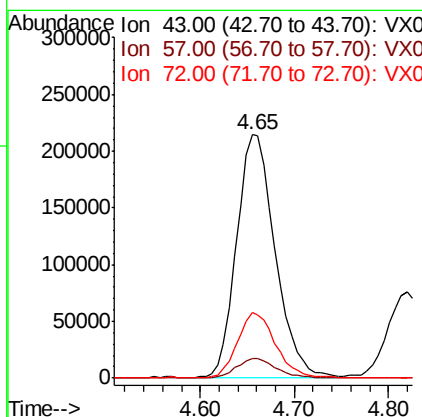
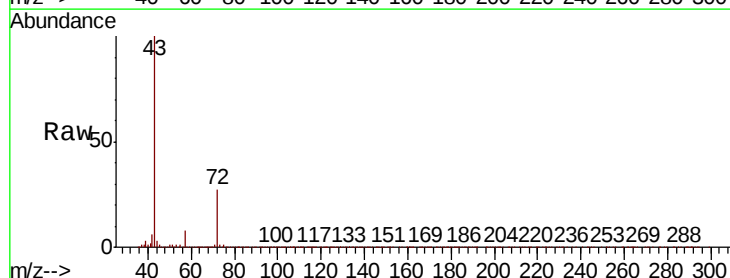
Manual Integrations
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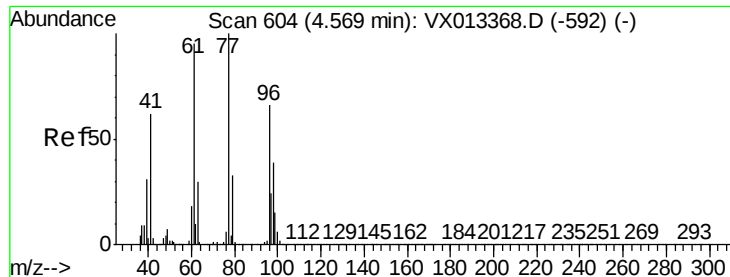
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#30
 2-Butanone
 Concen: 96.142 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.1	9.1
72	25.9	20.5	30.7





#31

2,2-Dichloropropane

Concen: 17.823 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 77 Resp: 186076

Ion Ratio Lower Upper

77 100

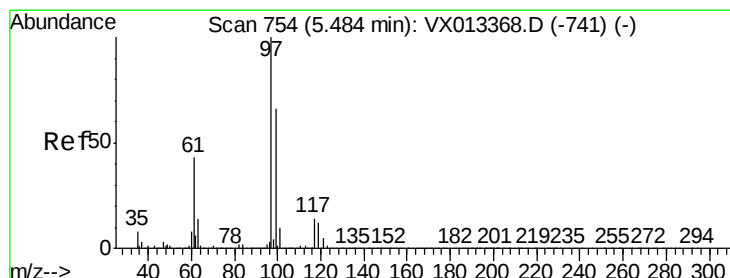
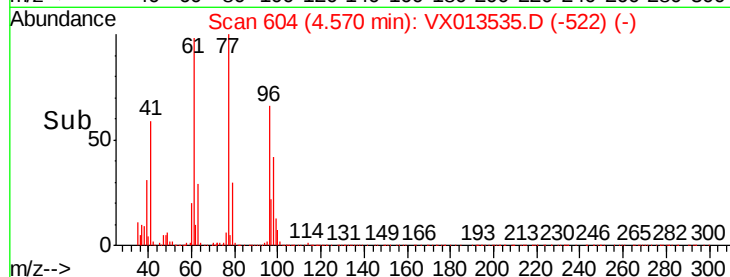
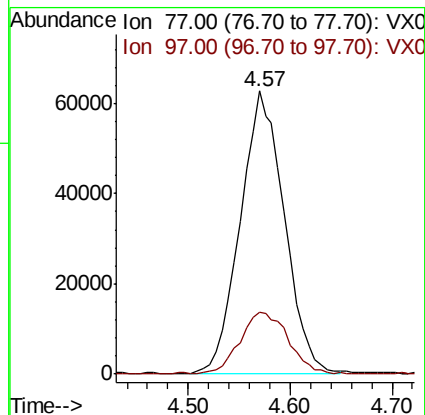
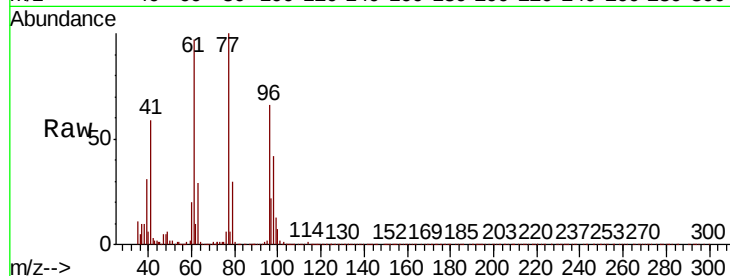
97 23.8 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.372 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

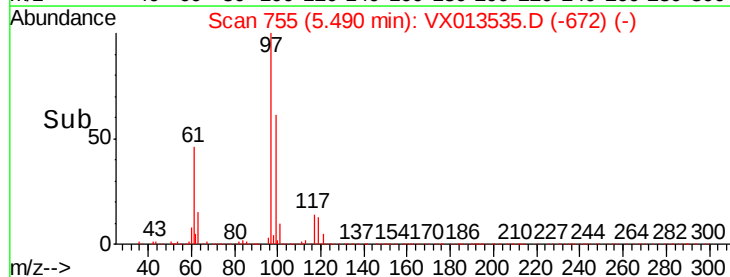
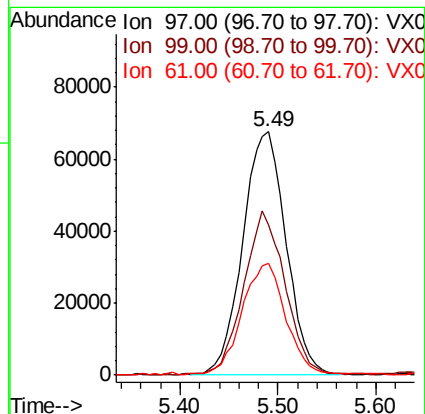
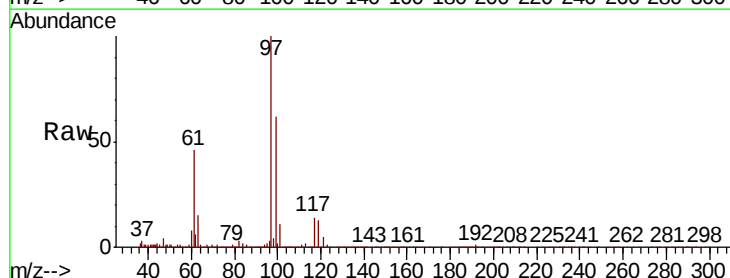
Tgt Ion: 97 Resp: 207566

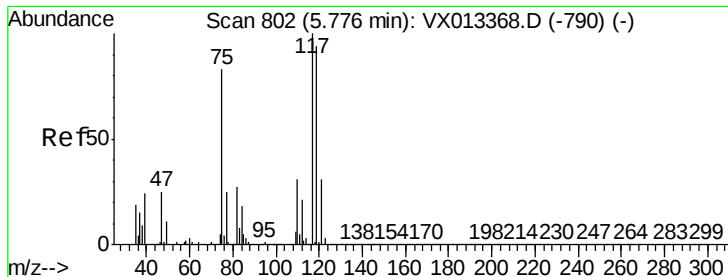
Ion Ratio Lower Upper

97 100

99 63.9 52.5 78.7

61 46.1 36.1 54.1





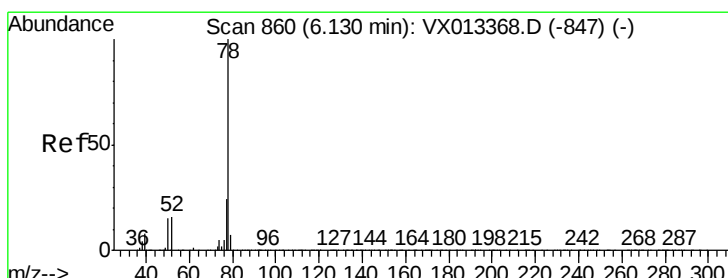
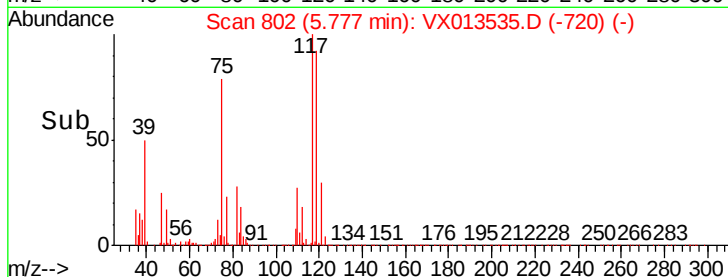
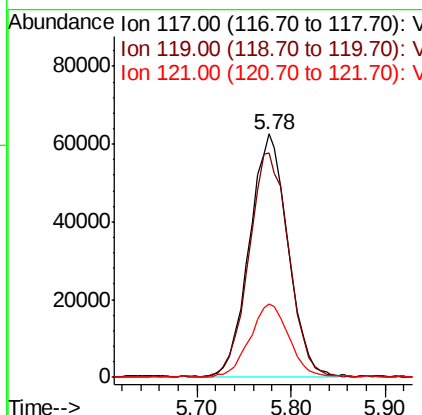
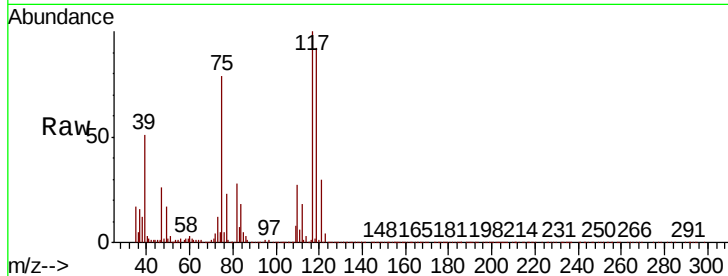
#33
Carbon Tetrachloride
Concen: 19.287 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.0	112.6
121	29.8	24.9	37.3

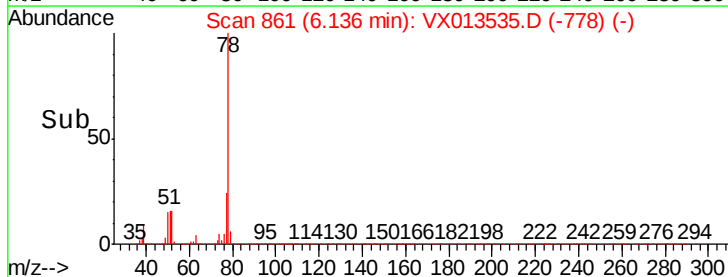
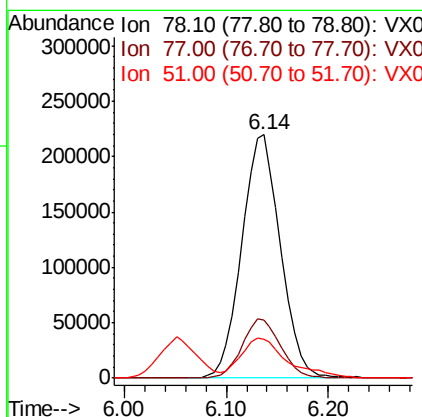
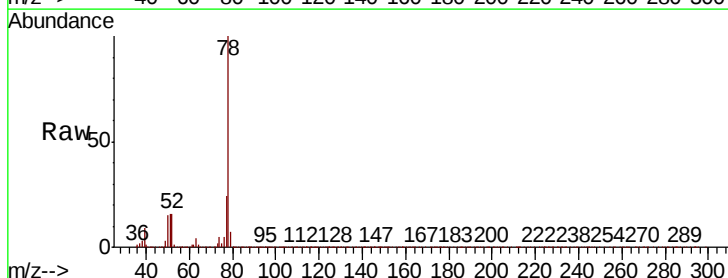
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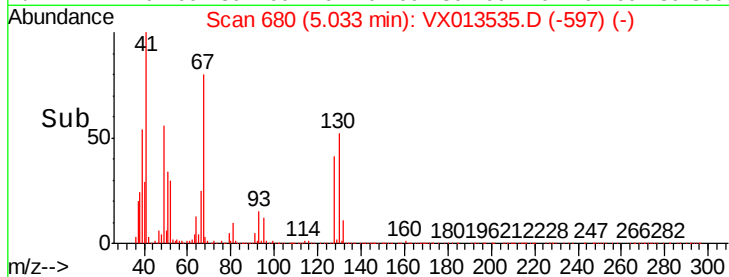
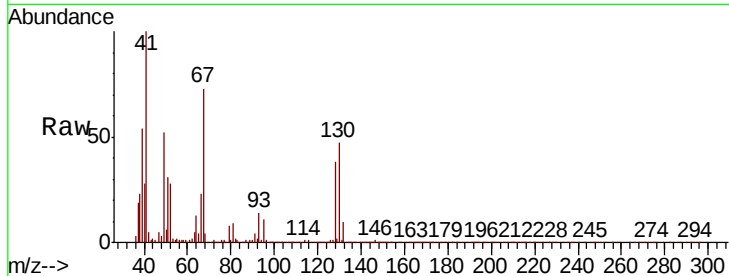
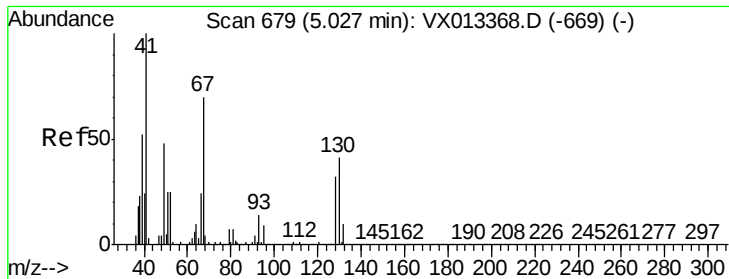
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#34
Benzene
Concen: 19.716 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9
51	14.9	12.2	18.4





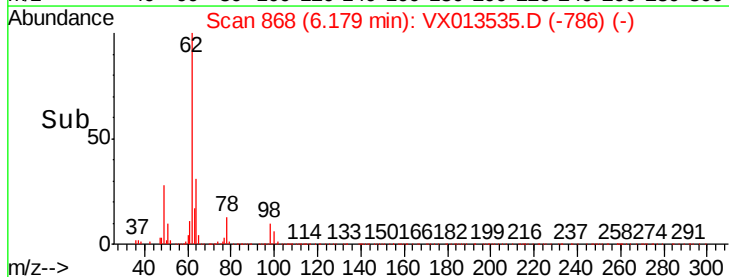
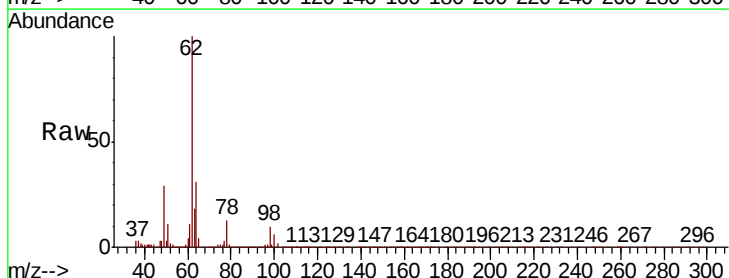
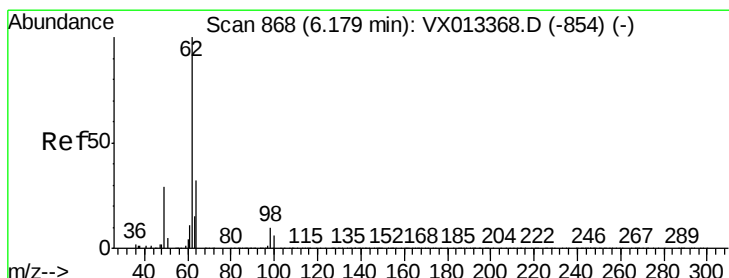
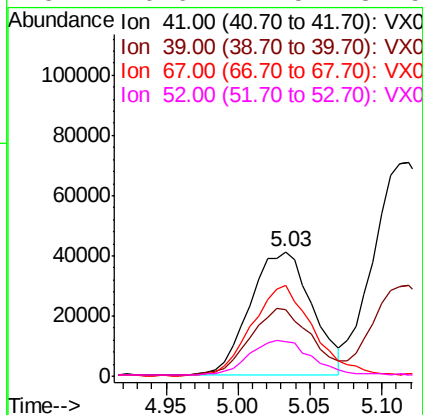
#35
Methacrylonitrile
Concen: 19.312 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	25.9	77.8	
67	73.0	35.1	105.5	
52	26.6	12.5	37.5	

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

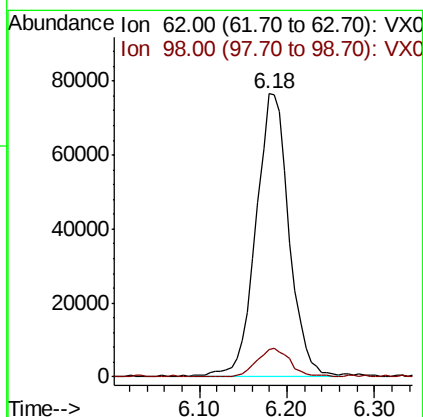
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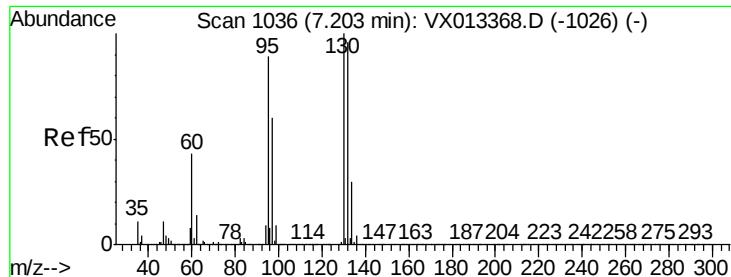
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#36
1,2-Dichloroethane
Concen: 19.632 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.2	12.2	





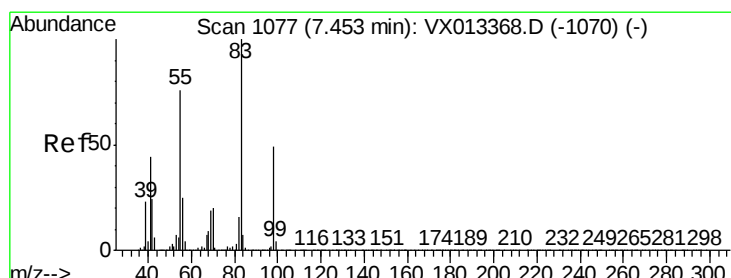
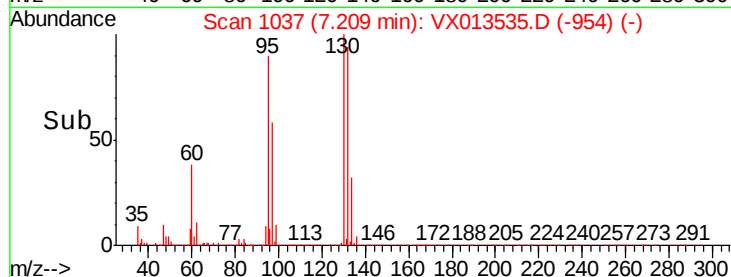
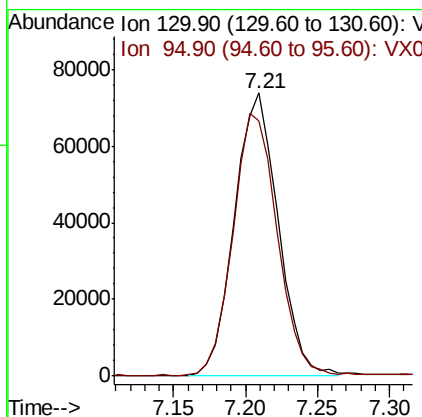
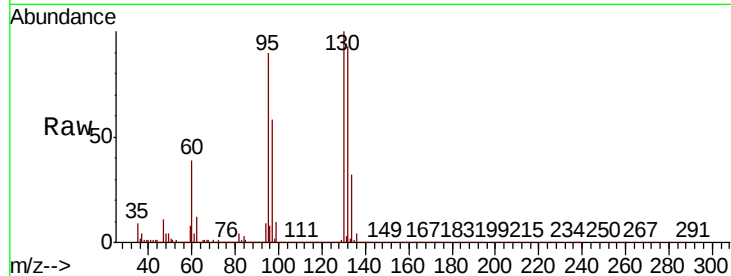
#37
 Trichloroethene
 Concen: 19.838 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
130	100		
95	89.9	71.3	106.9

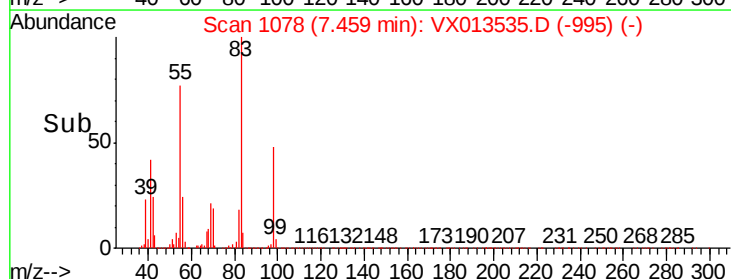
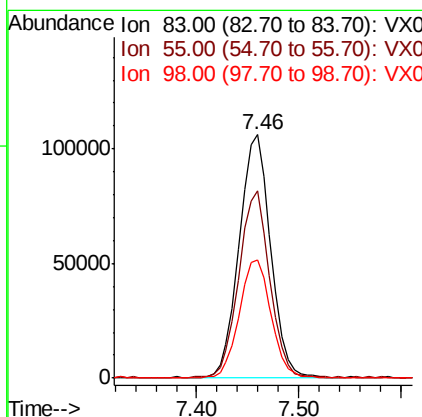
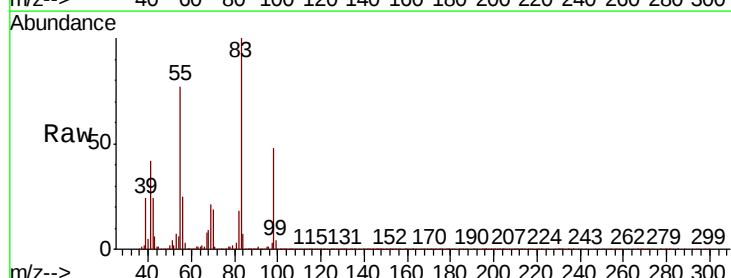
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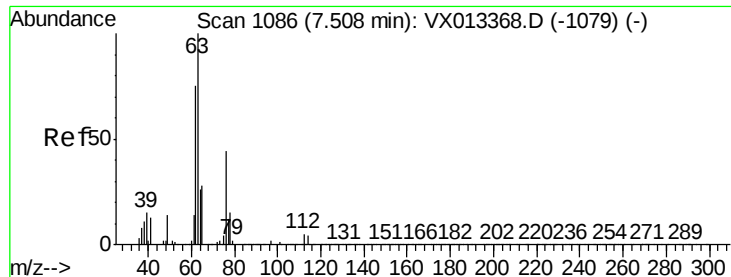
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#38
 Methylcyclohexane
 Concen: 19.210 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.5	37.9	113.7
98	49.5	25.1	75.3





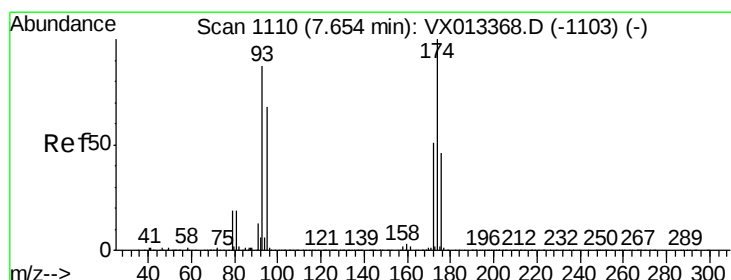
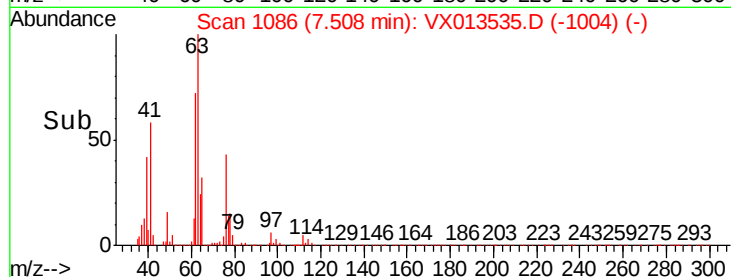
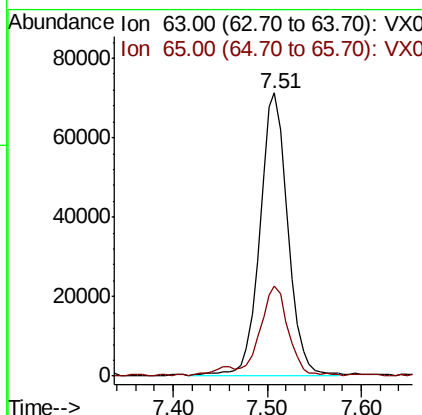
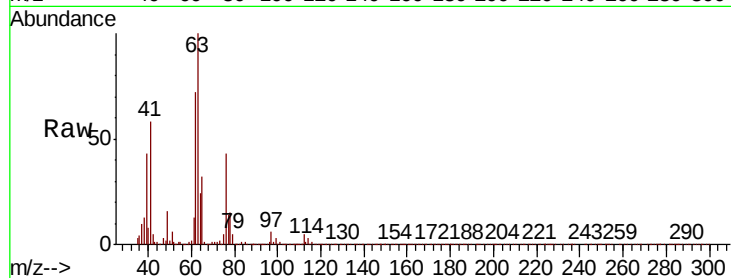
#39
 1,2-Dichloropropane
 Concen: 19.651 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.8	35.8

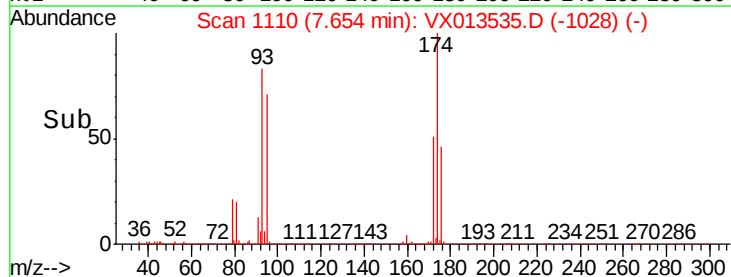
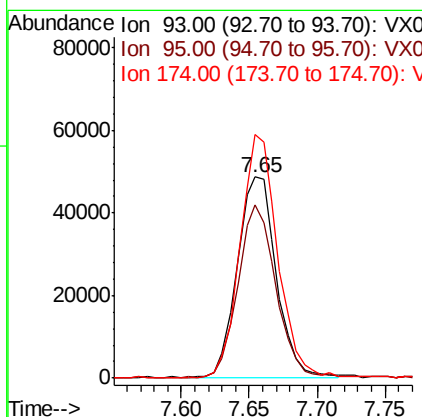
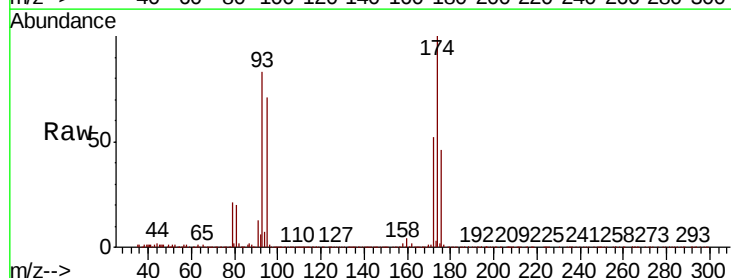
Manual Integrations
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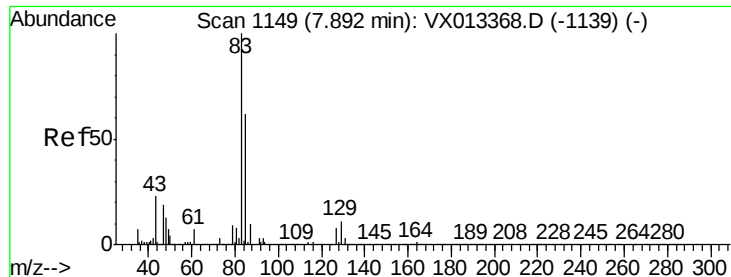
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#40
 Dibromomethane
 Concen: 19.331 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	0.0	160.8
174	117.2	0.0	228.8





#41

Bromodichloromethane

Concen: 19.210 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

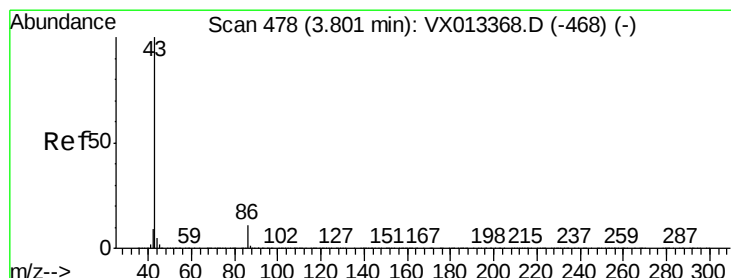
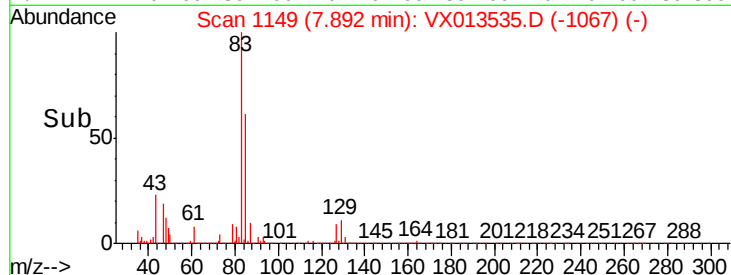
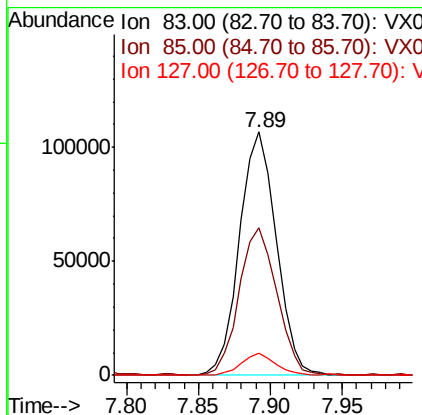
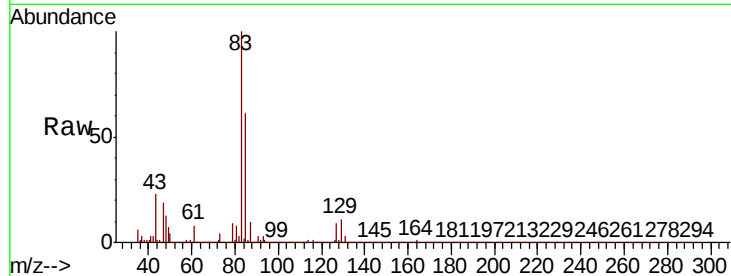
ClientSampleId :

VX1122WBSD01

Tot Ion	83	Resp	188680
Ion Ratio	Lower	Upper	
83	100		
85	60.7	49.3	73.9
127	8.9	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 88.446 ug/l

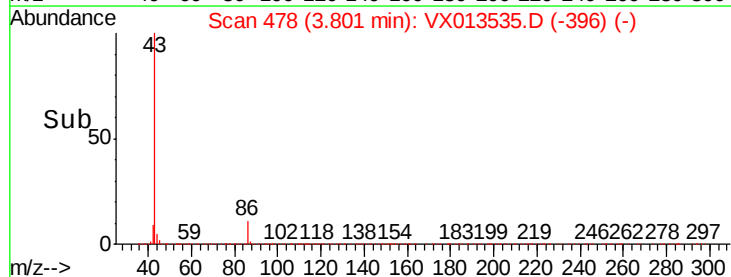
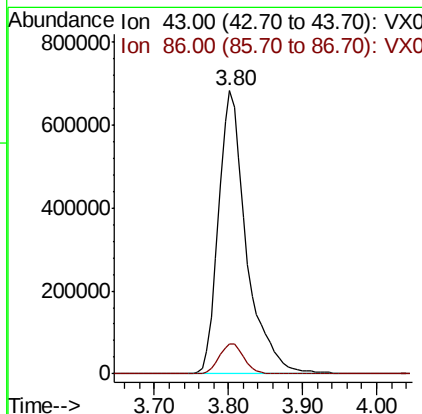
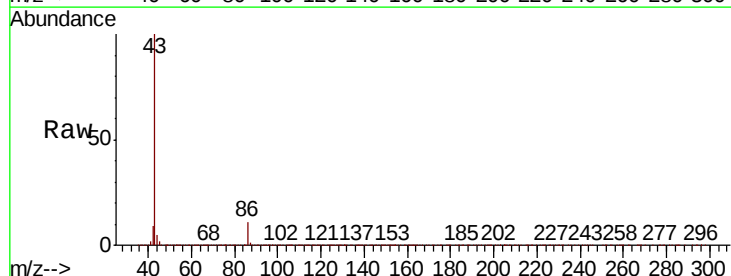
RT: 3.80 min Scan# 478

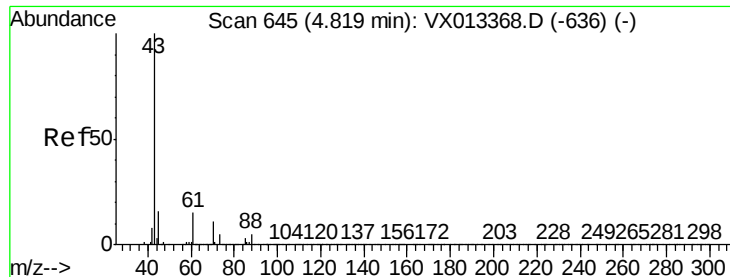
Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion	43	Resp	1771814
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.6	11.4





#43

Ethyl Acetate

Concen: 18.500 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 43 Resp: 214697

Ion Ratio Lower Upper

43 100

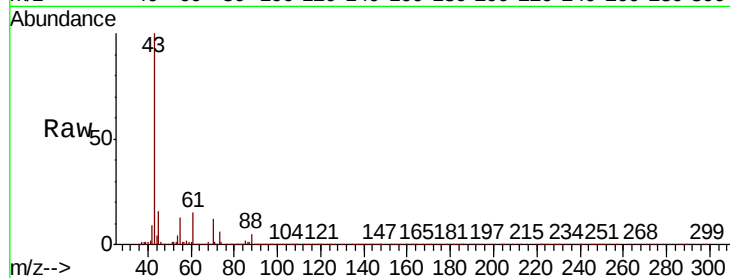
45 15.3 10.9 16.3

Manual Integrations

APPROVED

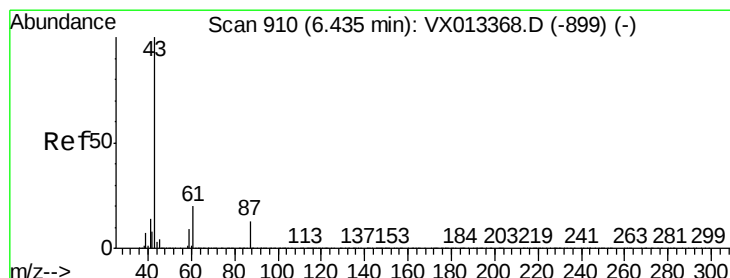
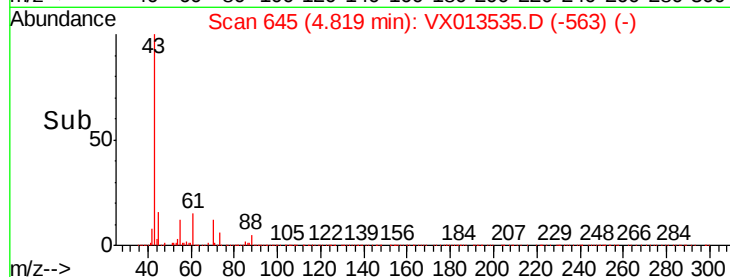
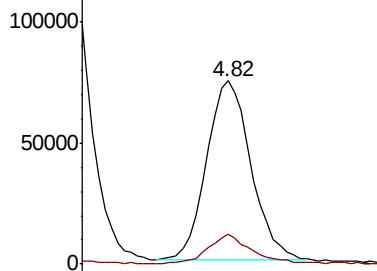
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.944 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013535.D

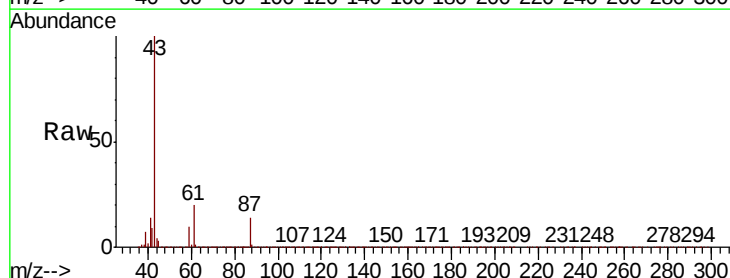
Acq: 22 Nov 2019 15:59

Tgt Ion: 43 Resp: 353390

Ion Ratio Lower Upper

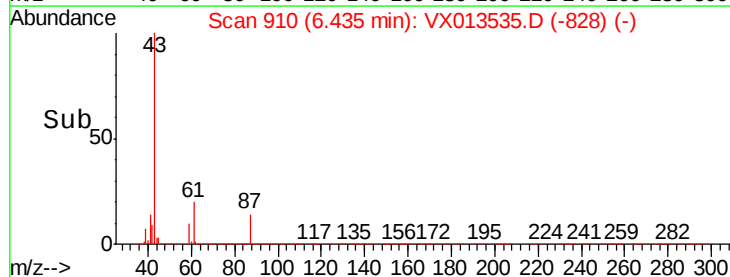
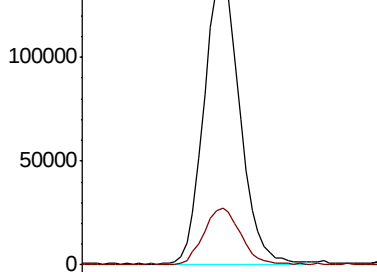
43 100

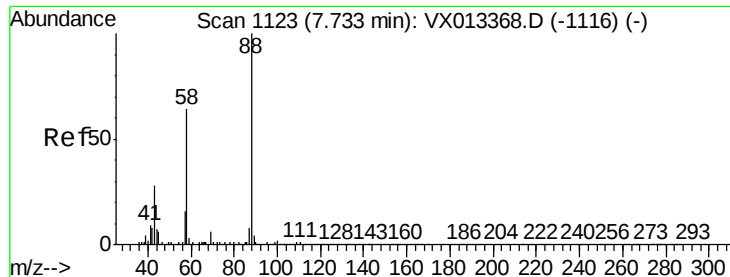
61 20.1 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 377.069 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

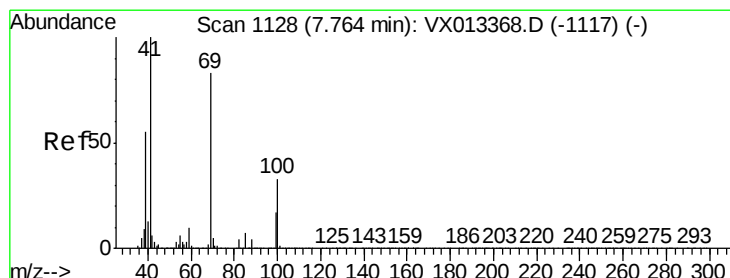
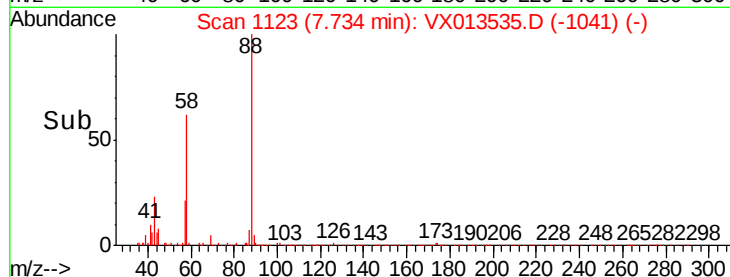
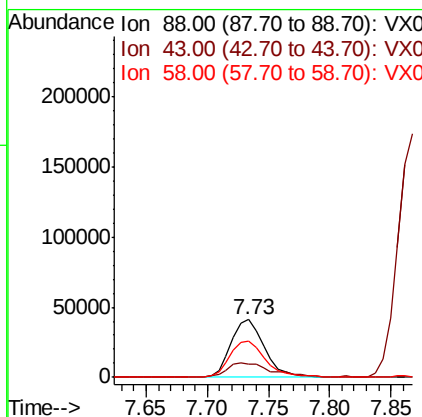
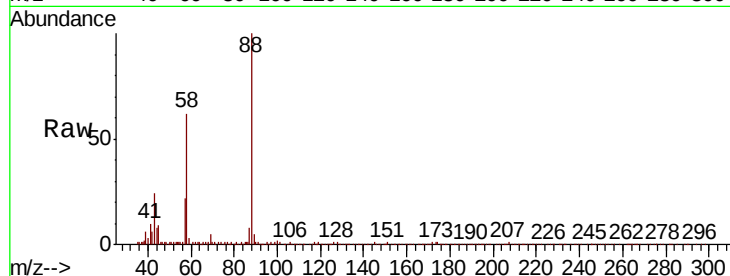
ClientSampleId :

VX1122WBSD01

Tot Ion:	88	Resp:	77659
Ion	Ratio	Lower	Upper
88	100		
43	28.2	26.1	39.1
58	67.5	55.8	83.8

Manual Integrations
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#46

Methyl methacrylate

Concen: 18.976 ug/l

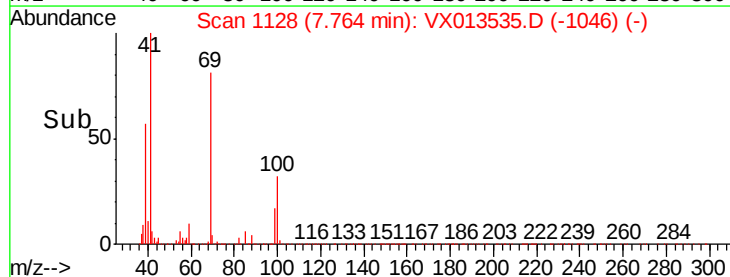
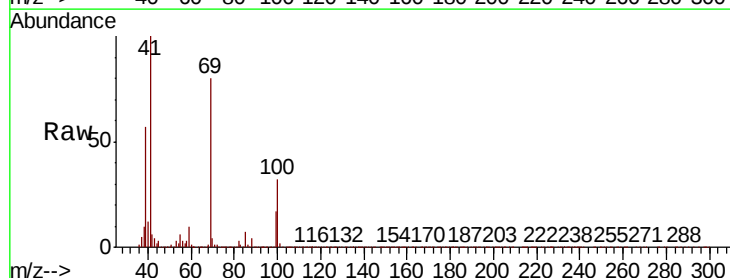
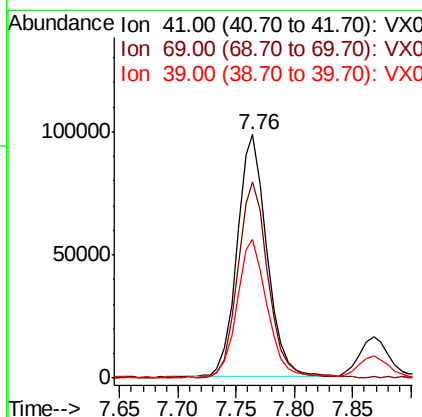
RT: 7.76 min Scan# 1128

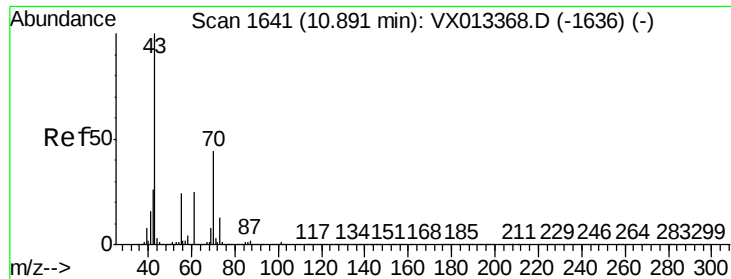
Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion:	41	Resp:	176082
Ion	Ratio	Lower	Upper
41	100		
69	80.2	41.4	124.4
39	56.6	27.9	83.6





#47

n-amvl Acetate

Concen: 18.238 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 43 Resp: 298429

Ion Ratio Lower Upper

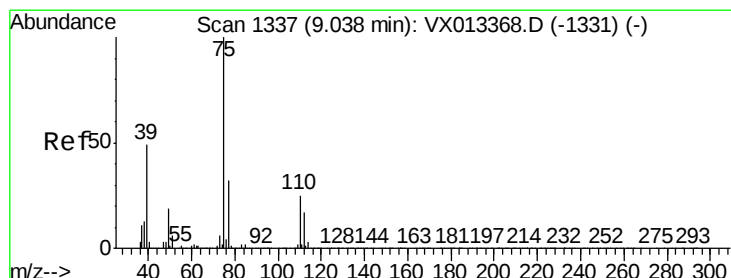
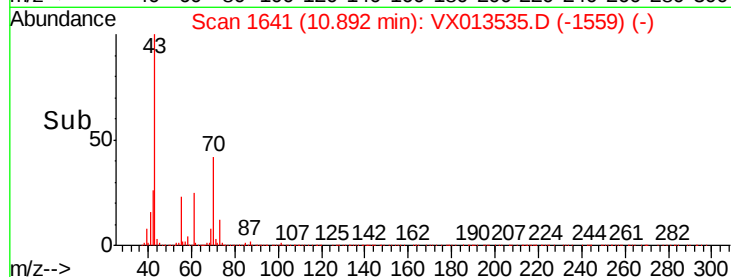
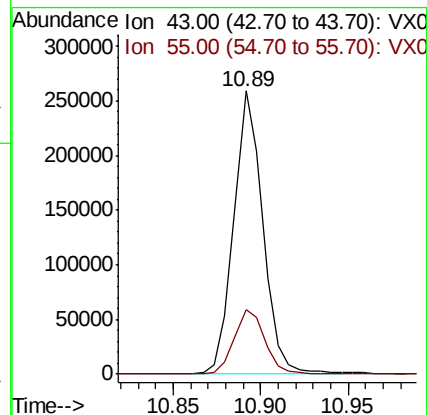
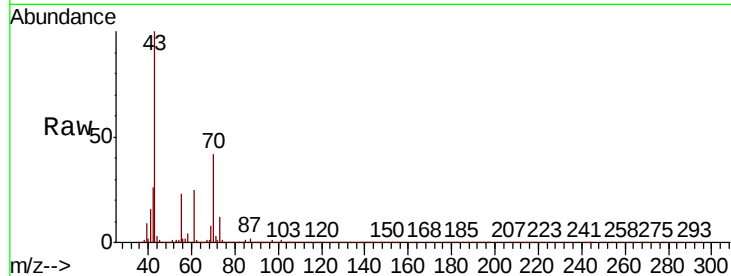
43 100

55 23.9 19.0 28.4

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#48

t-1,3-Dichloropropene

Concen: 17.919 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013535.D

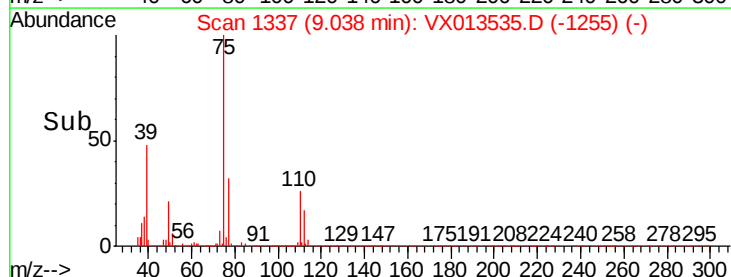
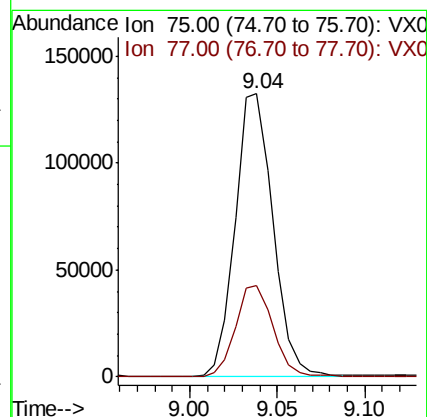
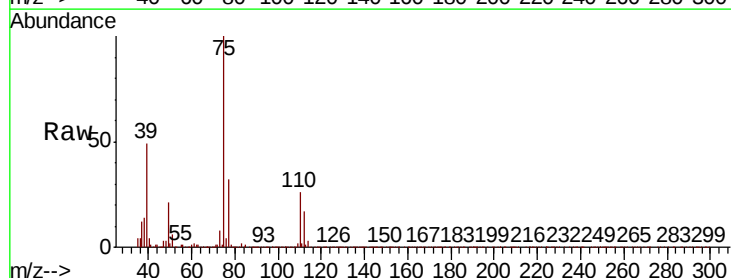
Acq: 22 Nov 2019 15:59

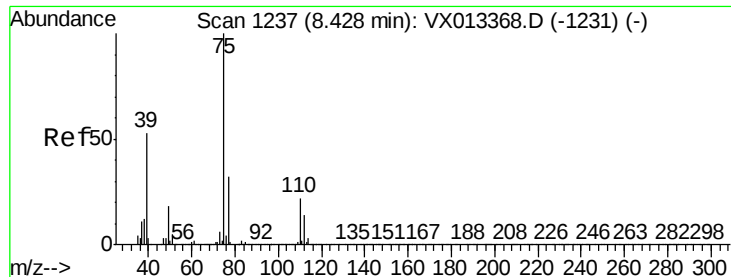
Tgt Ion: 75 Resp: 197360

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9





#49

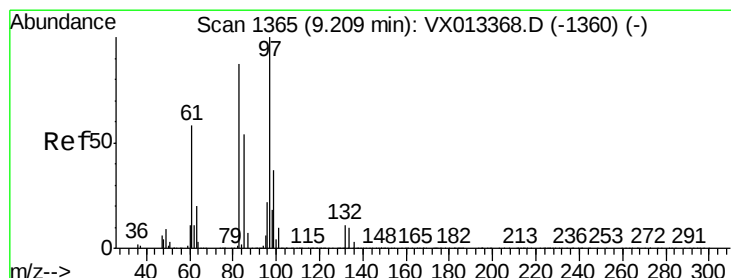
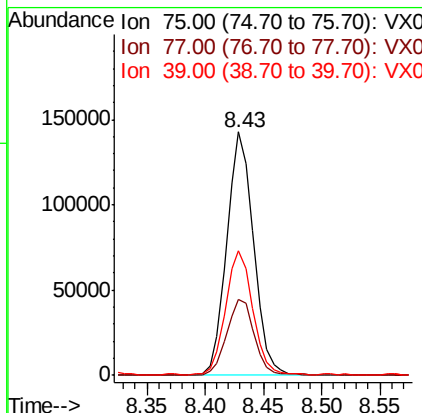
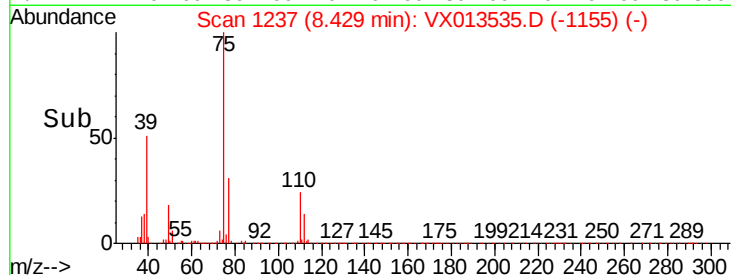
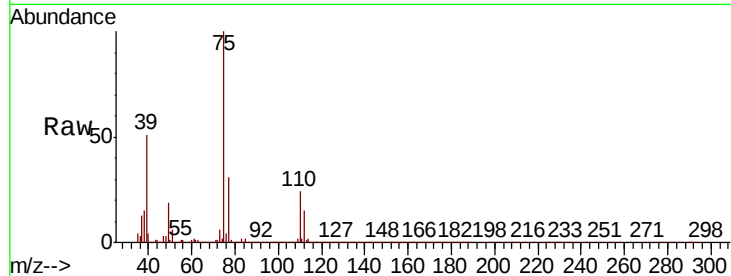
cis-1,3-Dichloropropene
Concen: 18.902 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.8
39	51.1	42.2	63.4

Manual Integrations
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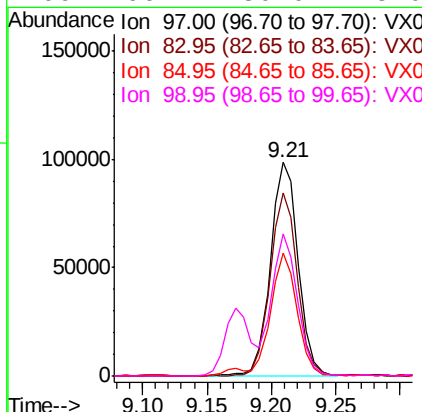
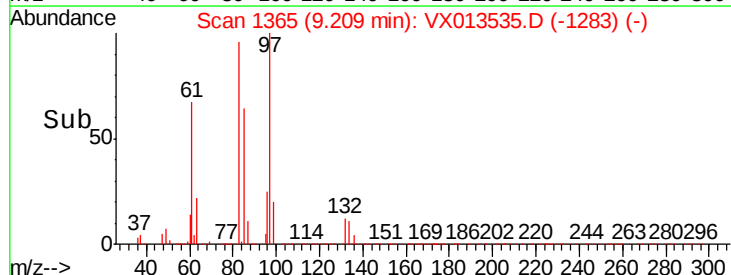
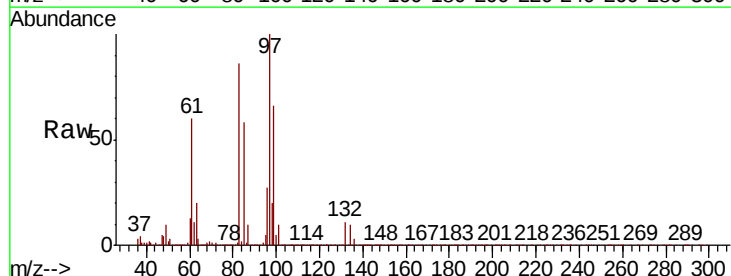
MMDadoda
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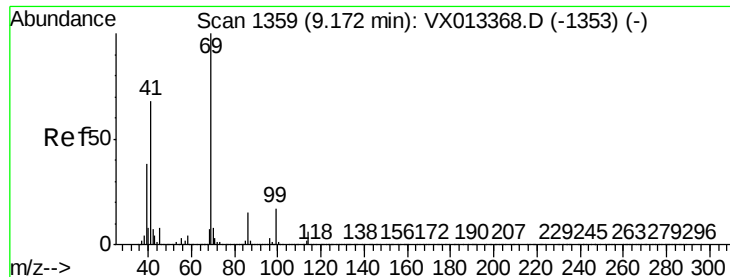


#50

1,1,2-Trichloroethane
Concen: 19.986 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.6	104.4
85	57.6	45.5	68.3
99	66.2	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.076 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

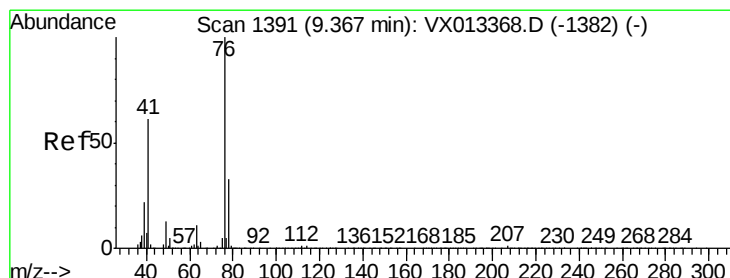
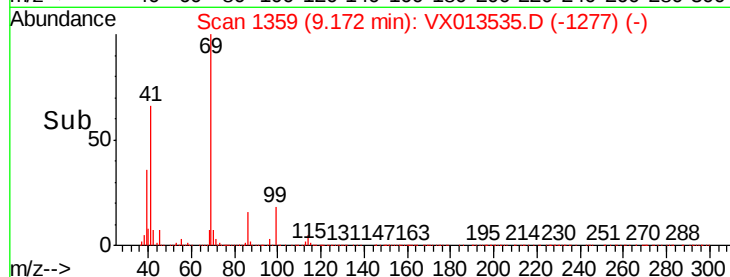
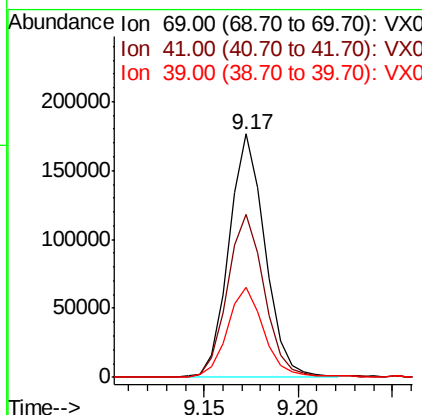
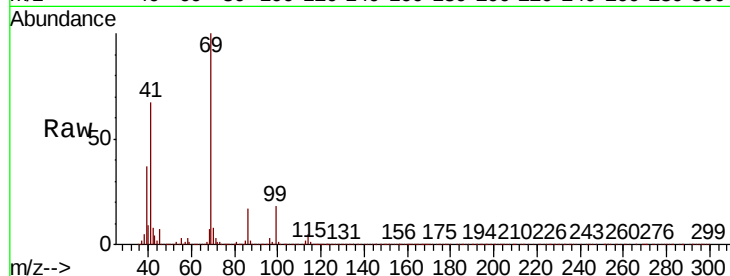
ClientSampleId :

VX1122WBSD01

Tot Ion:	69	Resp:	233850
Ion Ratio	Lower	Upper	
69	100		
41	67.1	33.9	101.6
39	37.0	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.108 ug/l

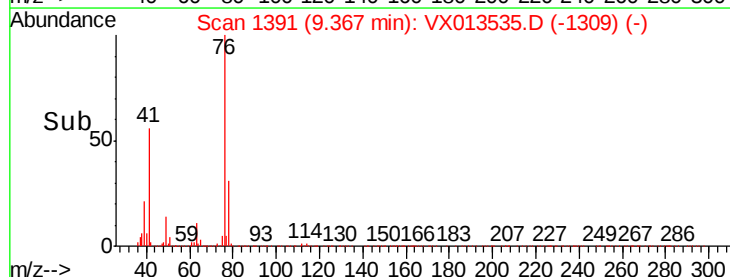
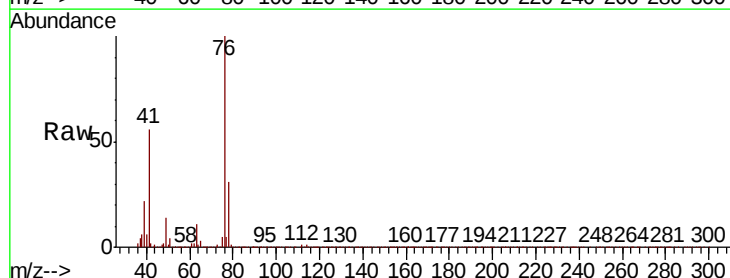
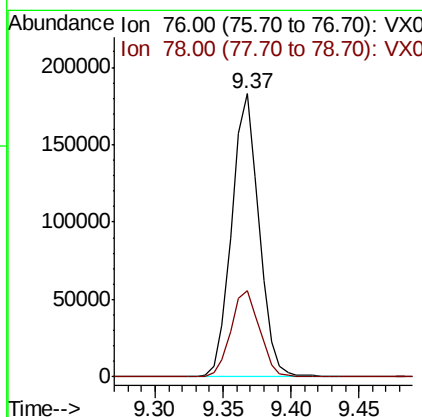
RT: 9.37 min Scan# 1391

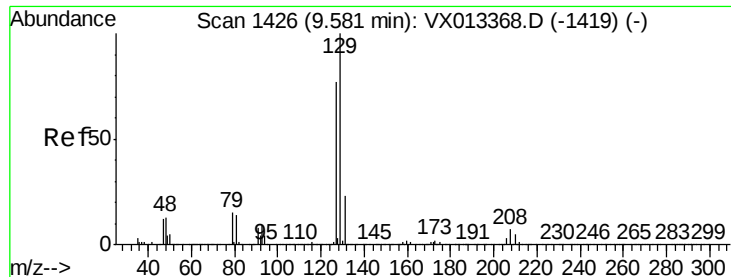
Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion:	76	Resp:	255934
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	63.6





#53

Dibromochloromethane

Concen: 18.834 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tot Ion:129 Resp: 148621

Ion Ratio Lower Upper

129 100

127 77.6 39.6 119.0

Instrument :

MSVOA_X

ClientSampleId :

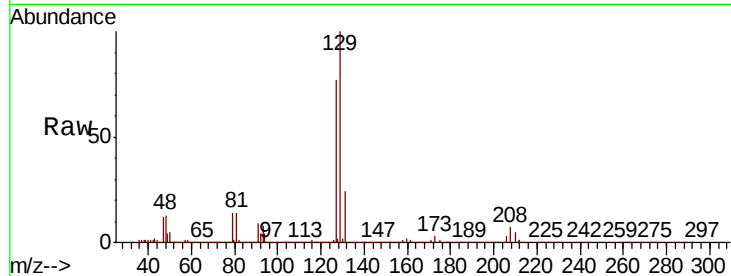
VX1122WBSD01

Manual Integrations

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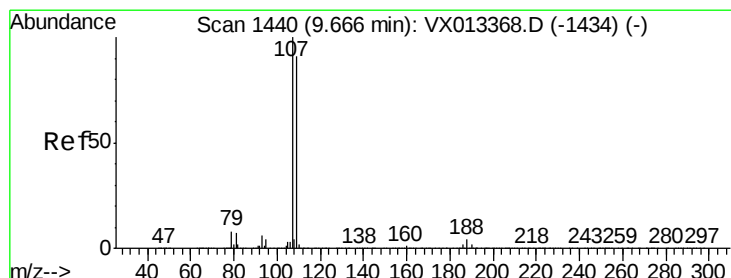
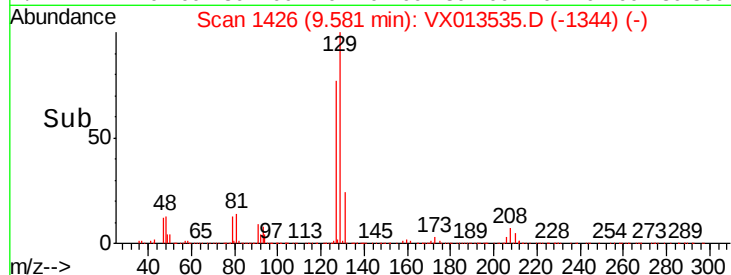
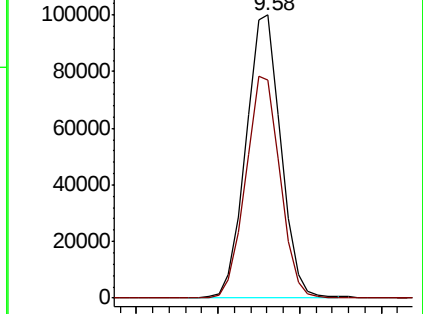
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.437 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013535.D

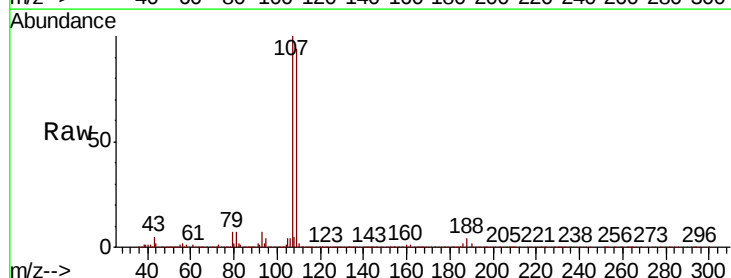
Acq: 22 Nov 2019 15:59

Tgt Ion:107 Resp: 154749

Ion Ratio Lower Upper

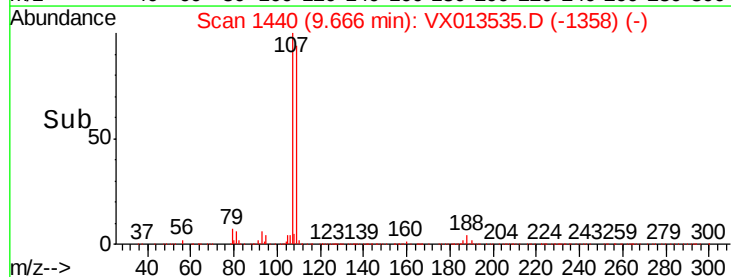
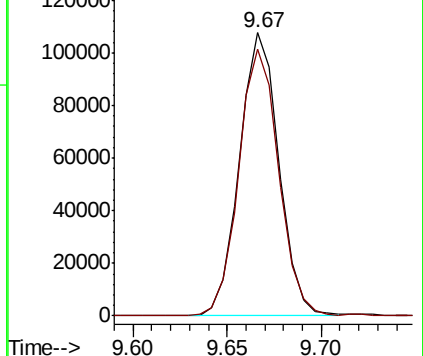
107 100

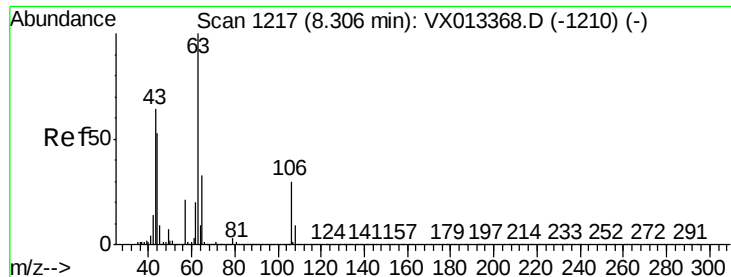
109 96.2 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 94.543 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

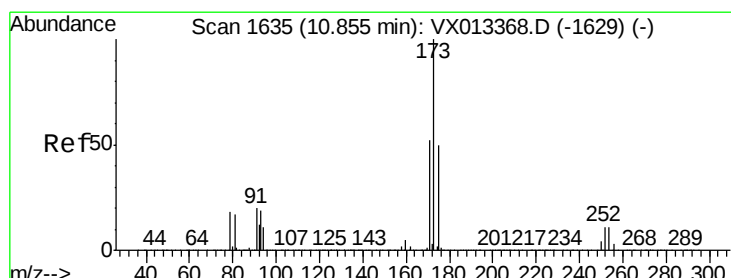
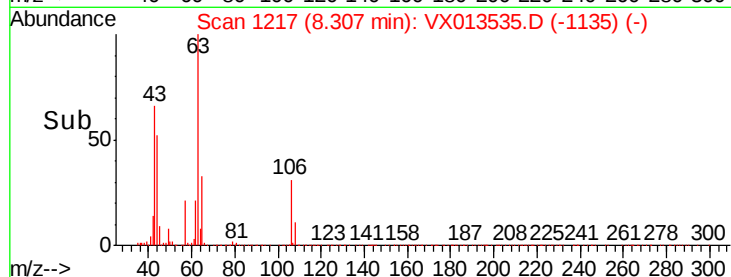
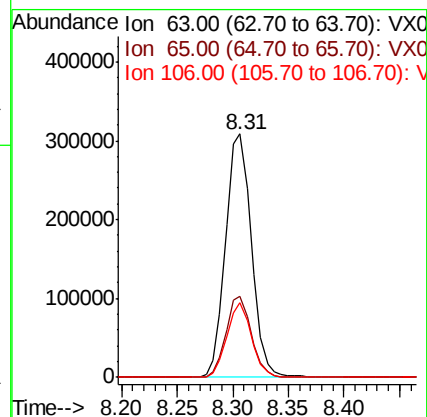
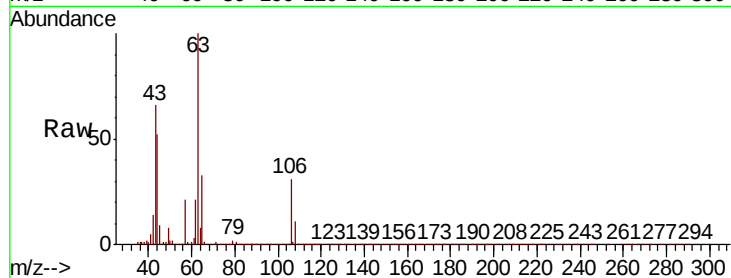
ClientSampleId :

VX1122WBSD01

Tot Ion:	63	Resp:	495208
Ion Ratio	Lower	Upper	
63	100		
65	32.8	26.0	39.0
106	29.3	23.5	35.3

Manual Integrations
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#56

Bromoform

Concen: 17.923 ug/l

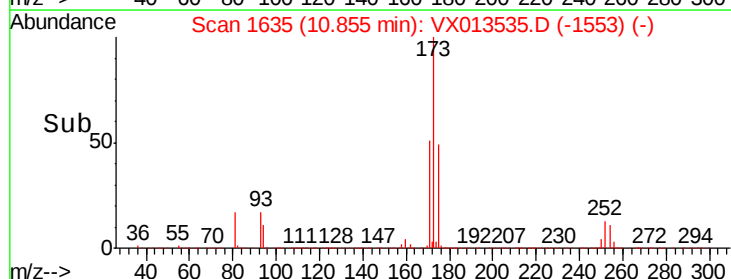
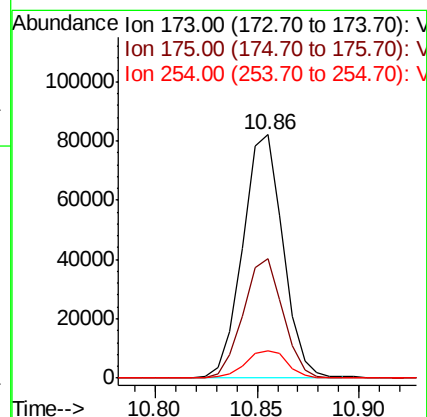
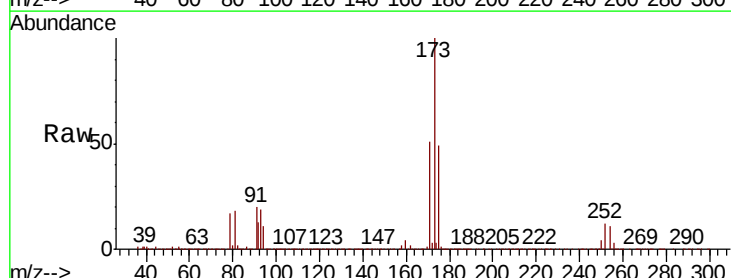
RT: 10.86 min Scan# 1635

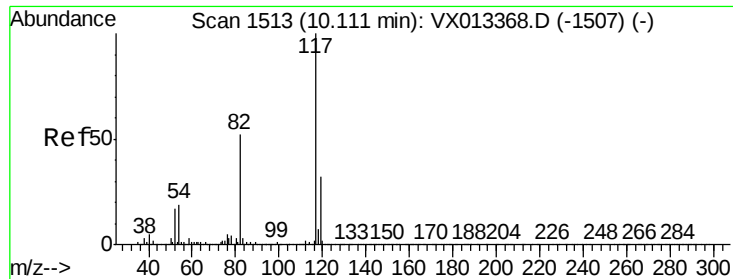
Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion:	173	Resp:	112550
Ion Ratio	Lower	Upper	
173	100		
175	48.6	39.4	59.0
254	11.8	8.6	12.8





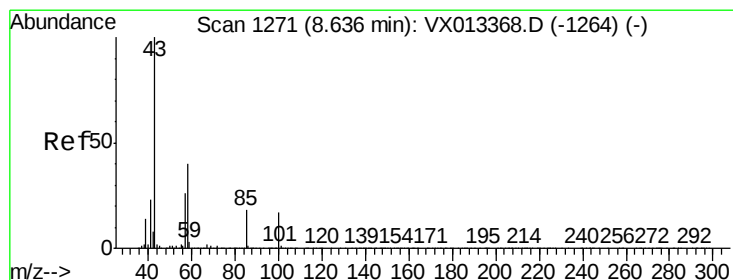
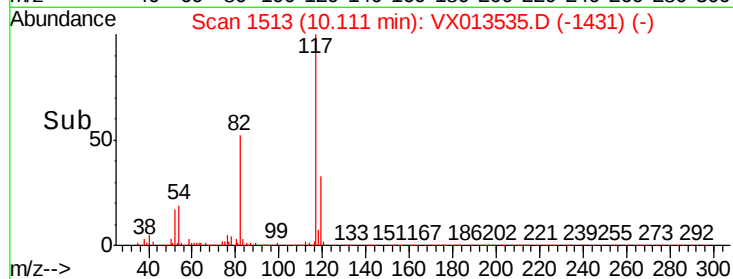
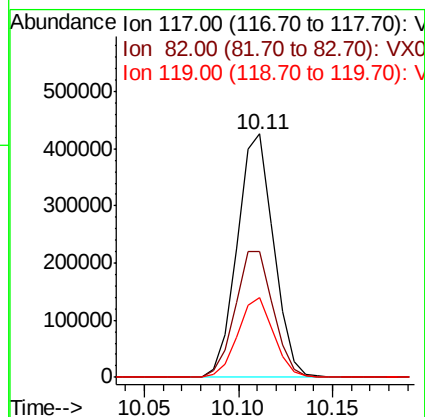
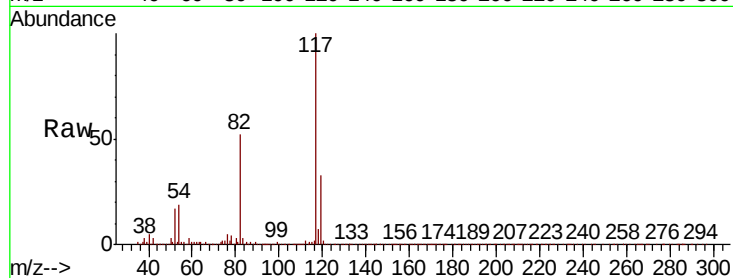
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.7	65.5
119	32.0	25.5	38.3

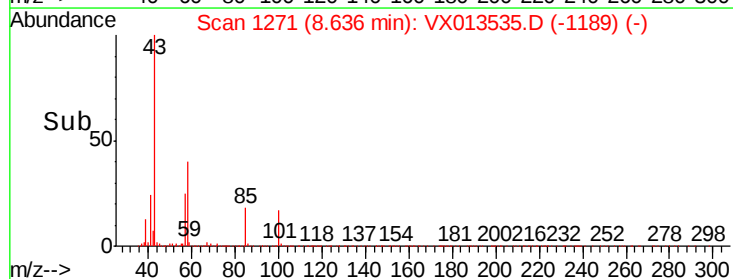
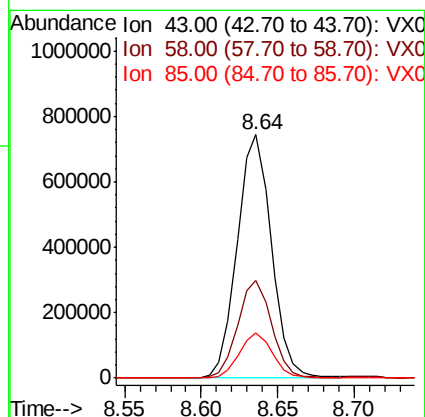
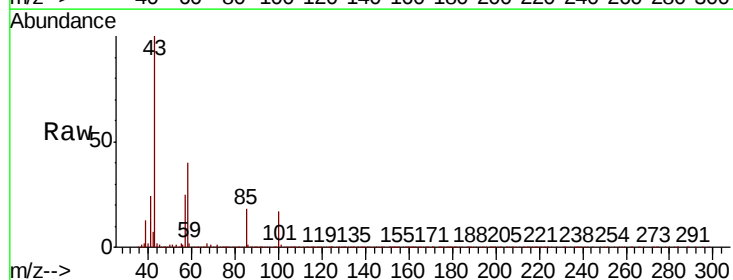
Manual Integrations
APPROVED

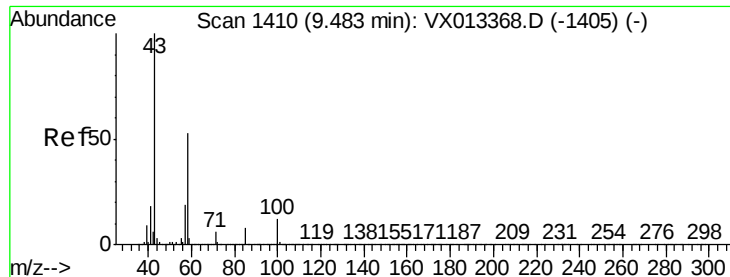
MMDadoda
11/25/2019 10:40:17 AM



#58
4-Methyl-2-Pentanone
Concen: 96.666 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.6	47.4
85	18.0	14.2	21.2





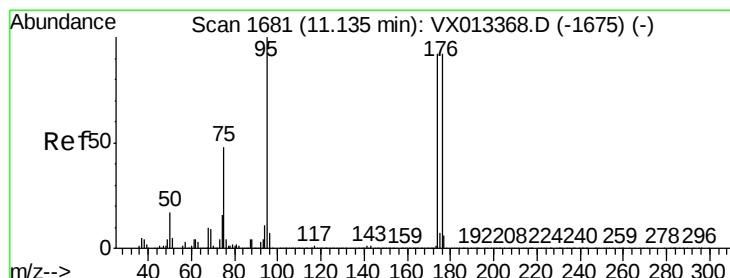
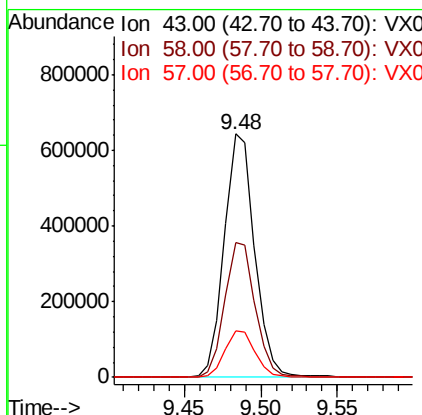
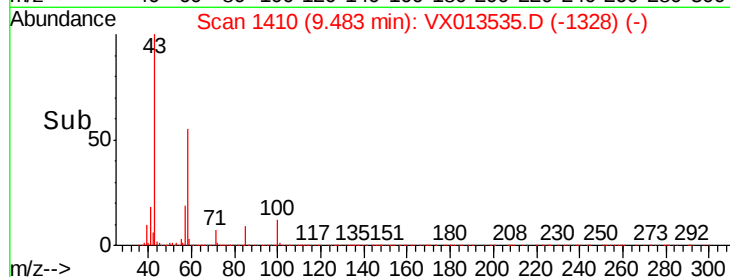
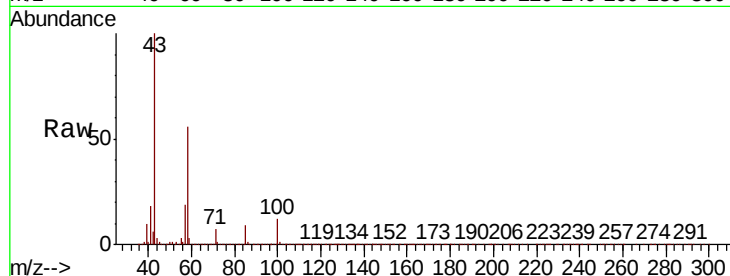
#59
2-Hexanone
Concen: 93.956 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.8	65.6
57	19.2	15.1	22.7

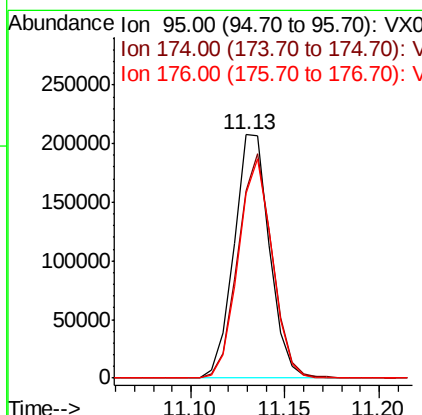
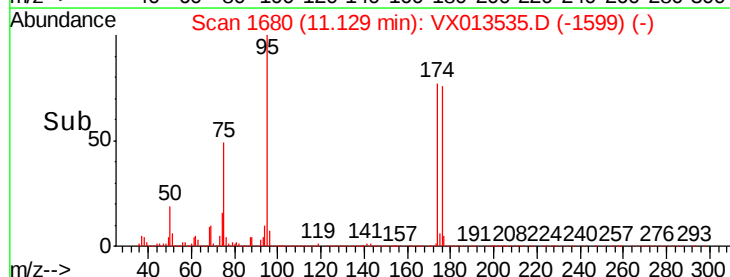
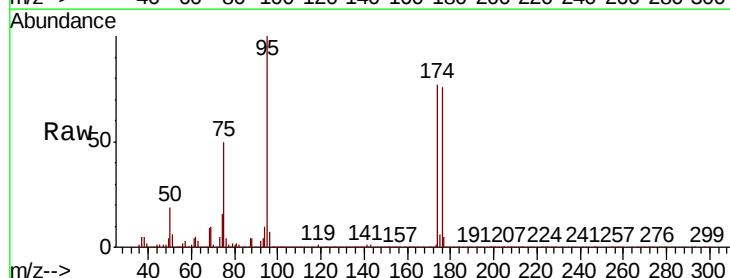
Manual Integrations
APPROVED

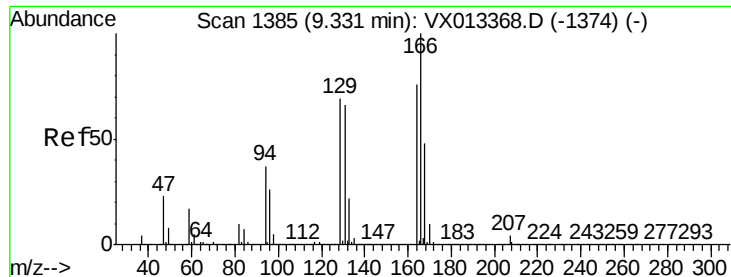
MMDadoda
11/25/2019 10:40:17 AM



#60
4-Bromofluorobenzene
Concen: 29.500 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	70.2	105.2
176	86.2	68.3	102.5





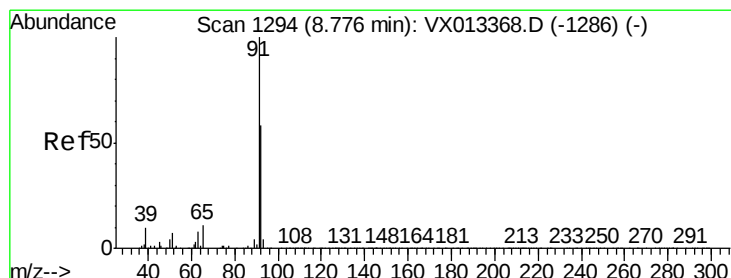
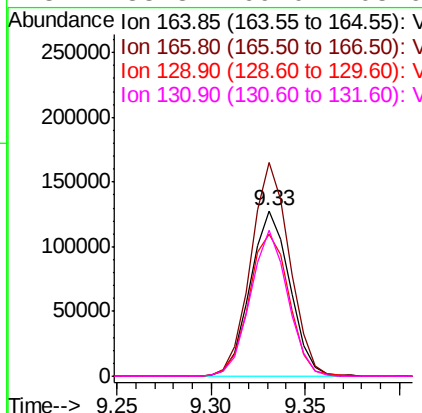
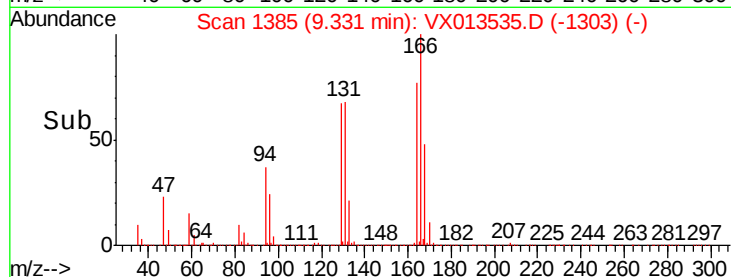
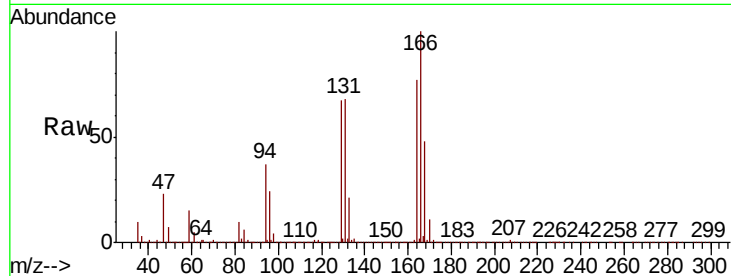
#61
Tetrachloroethene
Concen: 26.317 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.3	104.9	157.3
129	86.2	72.3	108.5
131	88.3	69.0	103.6

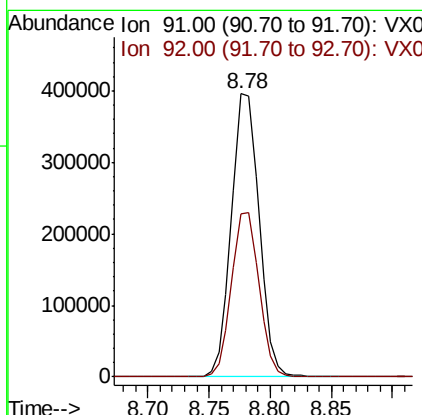
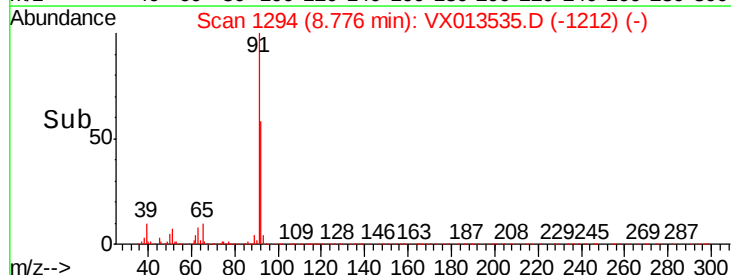
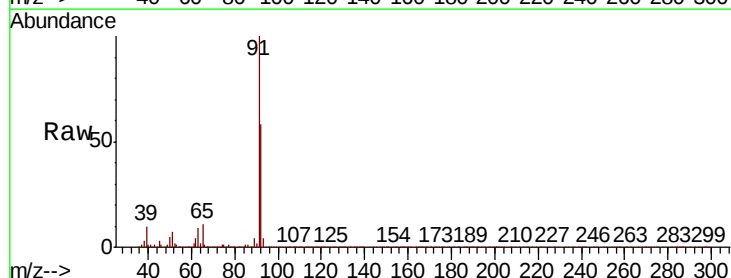
Manual Integrations
APPROVED

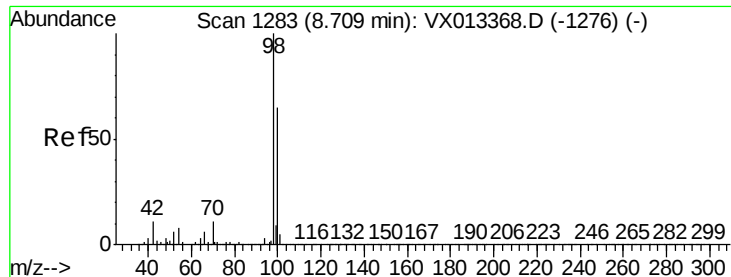
MMDadoda
11/25/2019 10:40:17 AM



#62
Toluene
Concen: 19.506 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.4	46.6	69.8





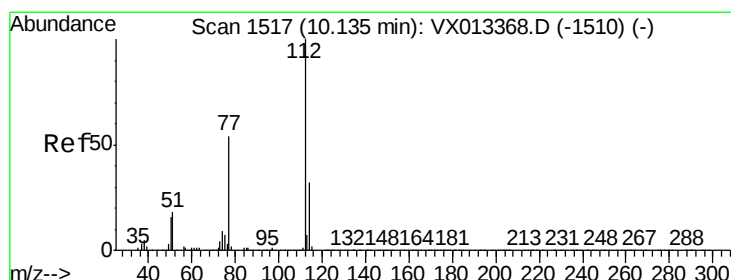
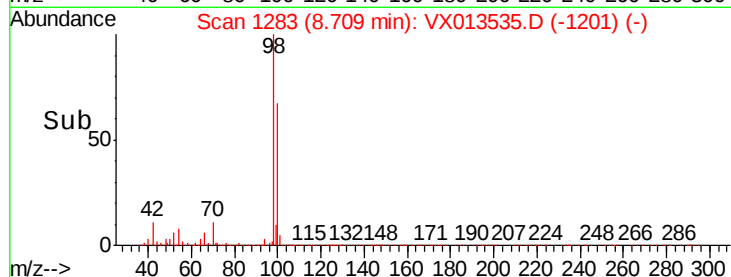
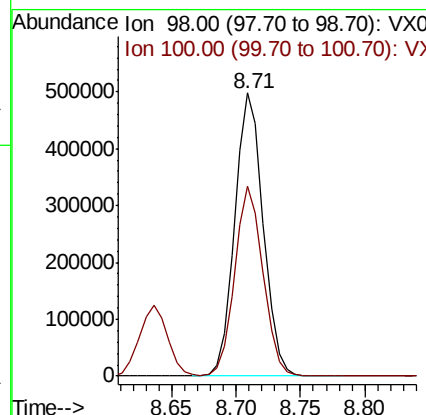
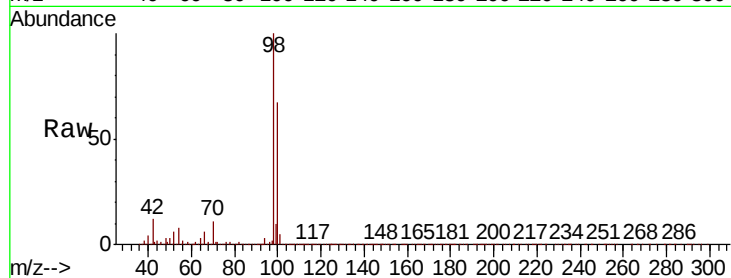
#63
Toluene-d8
Concen: 29.740 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.5	78.7

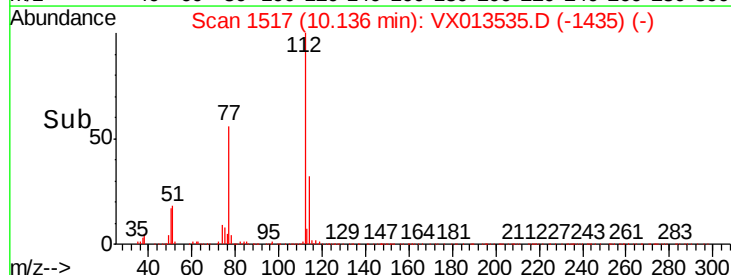
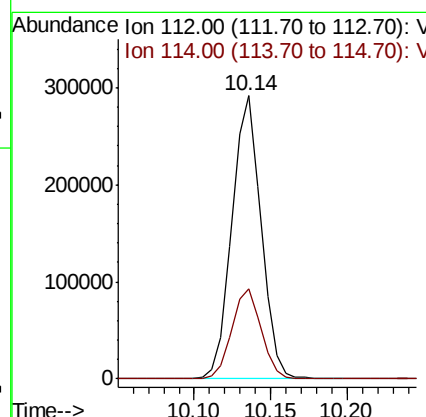
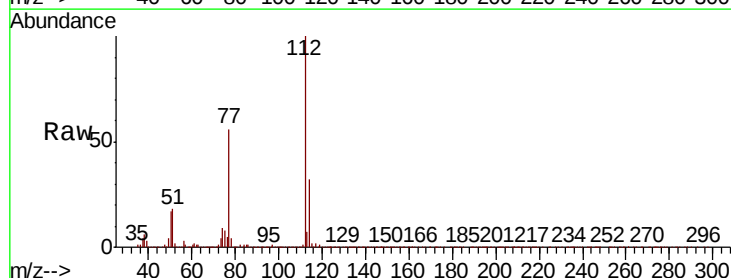
Manual Integrations
APPROVED

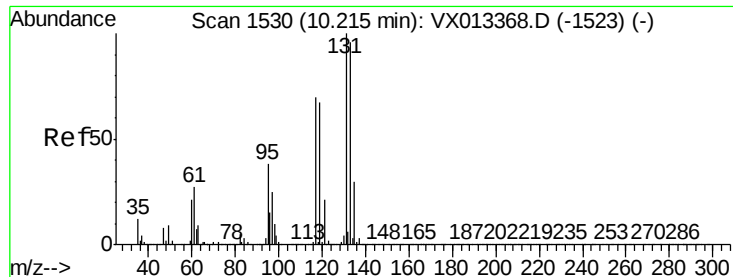
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#64
Chlorobenzene
Concen: 19.408 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5





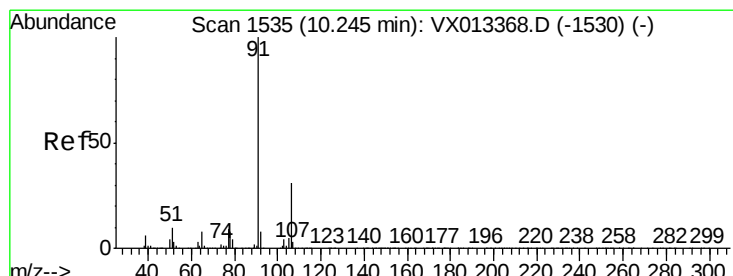
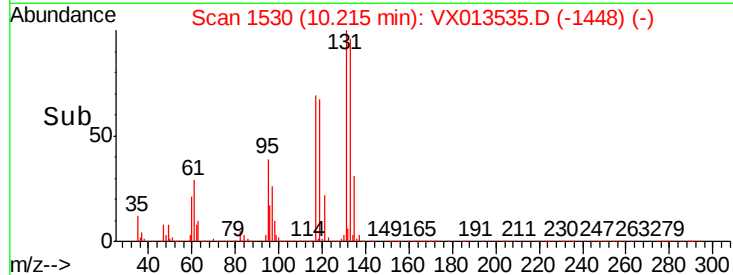
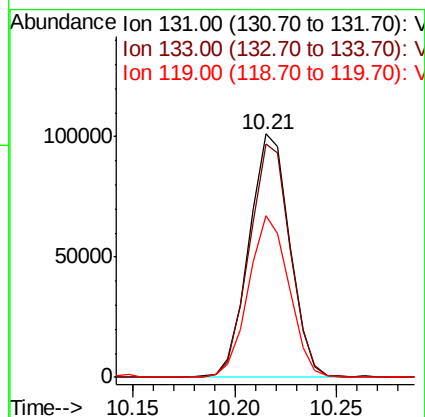
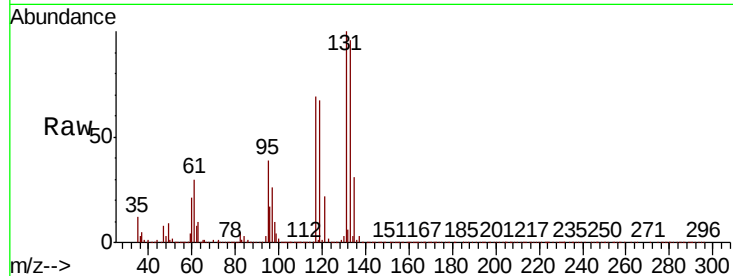
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.909 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	140762		
133	96.2	0.0	192.2	
119	65.8	0.0	134.4	

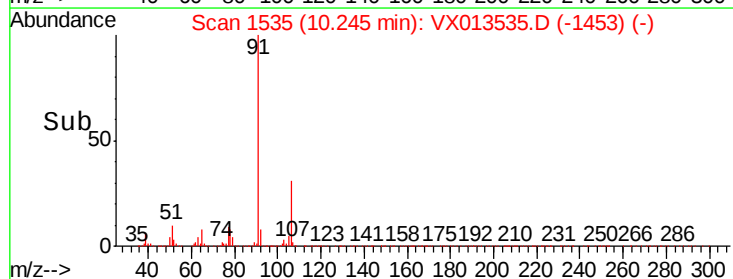
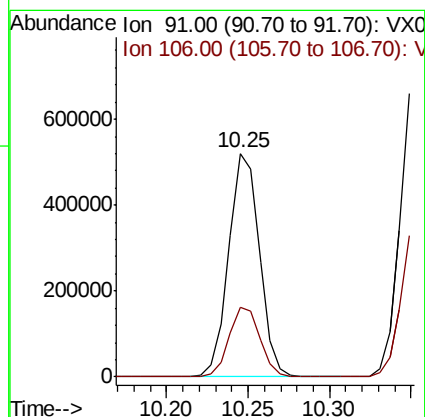
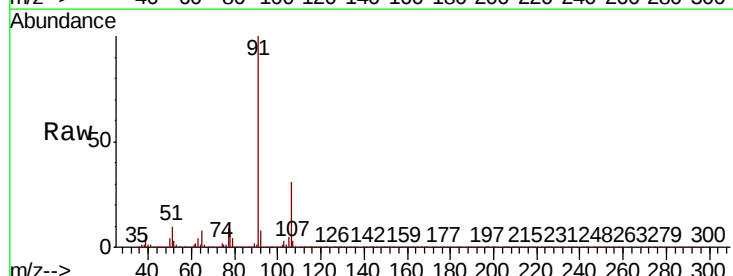
Manual Integrations
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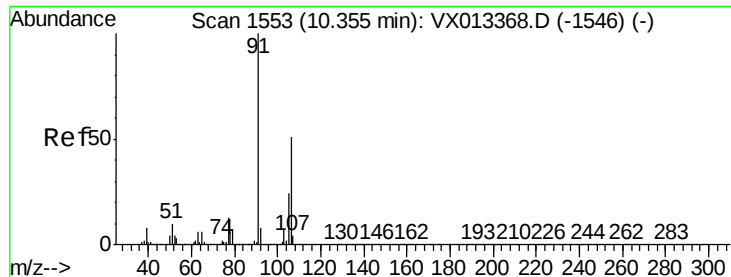
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 11/25/2019 10:40:17 AM



#66
 Ethyl Benzene
 Concen: 19.543 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	682868		
106	31.2	25.0	37.4	





#67

m/p-Xvlenes

Concen: 38.033 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion:106 Resp: 512635

Ion Ratio Lower Upper

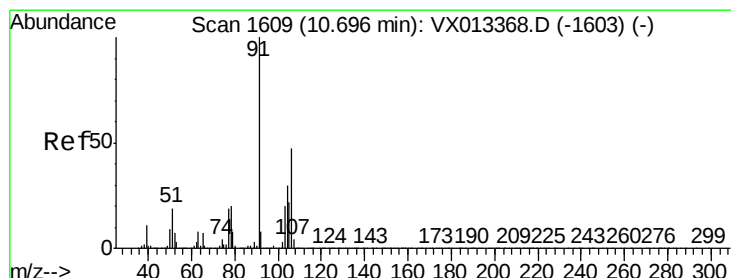
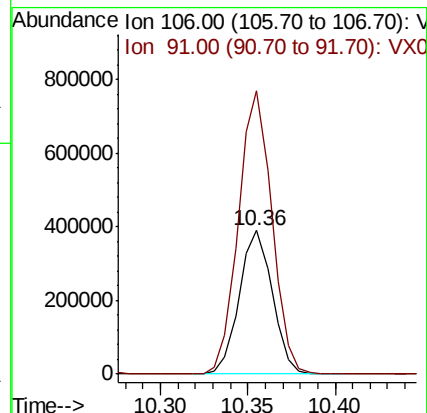
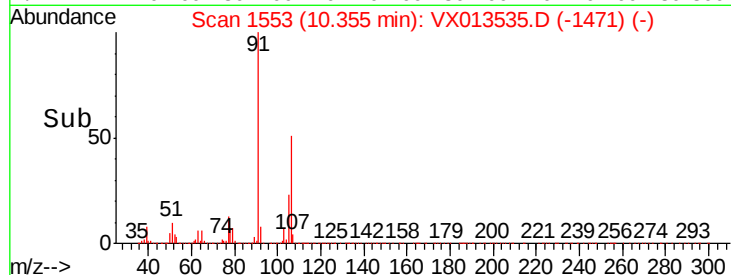
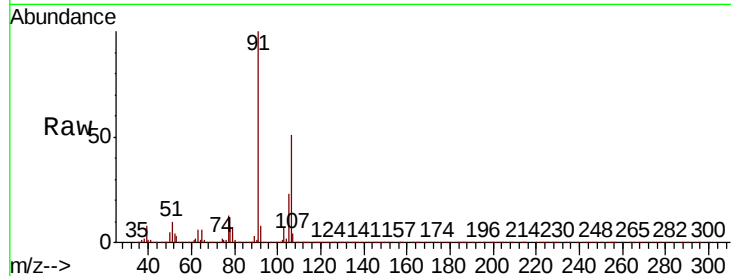
106 100

91 199.9 158.4 237.6

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#68

o-Xylene

Concen: 19.512 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013535.D

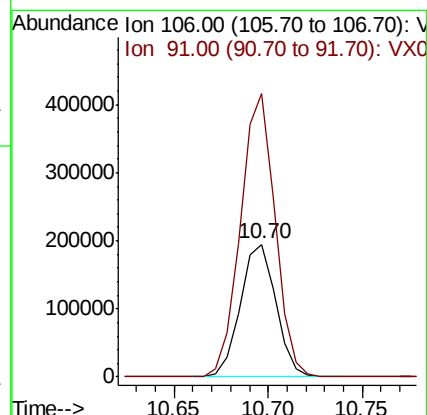
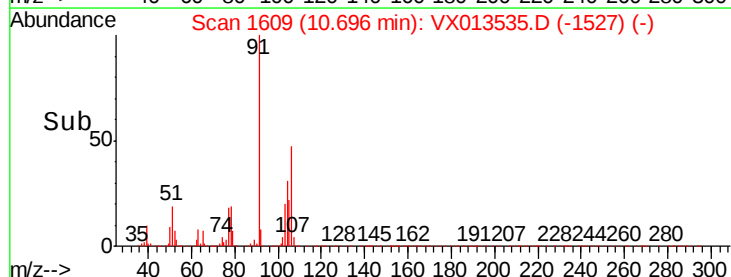
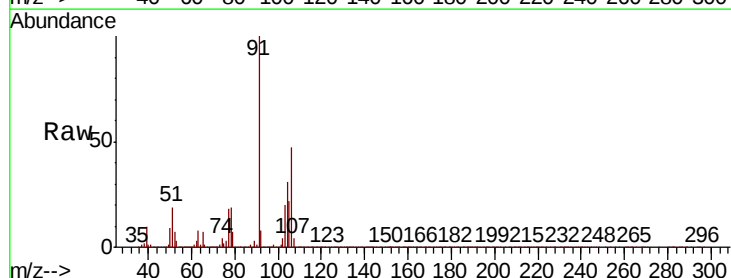
Acq: 22 Nov 2019 15:59

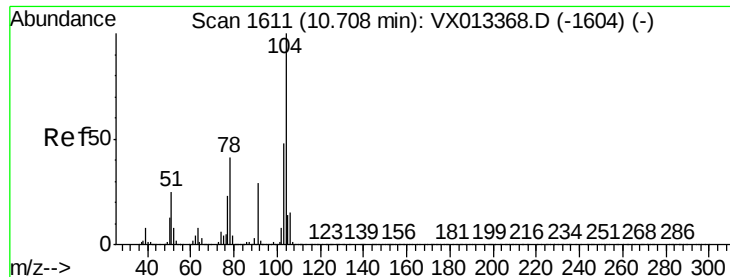
Tgt Ion:106 Resp: 253818

Ion Ratio Lower Upper

106 100

91 208.5 106.4 319.2





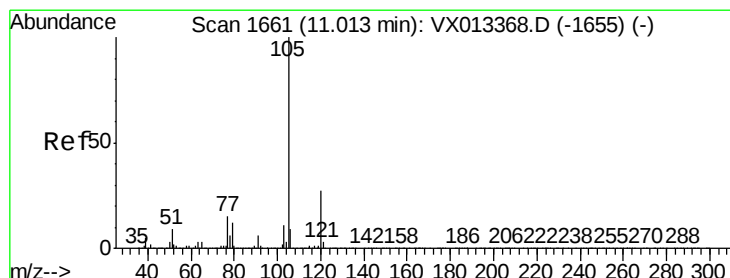
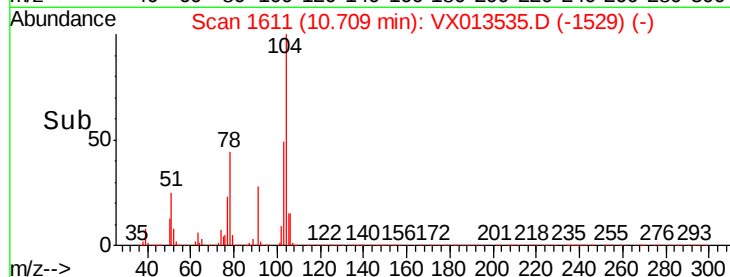
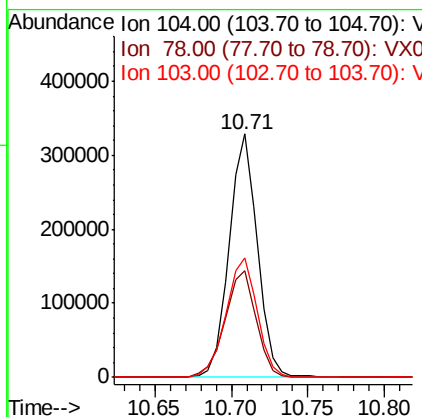
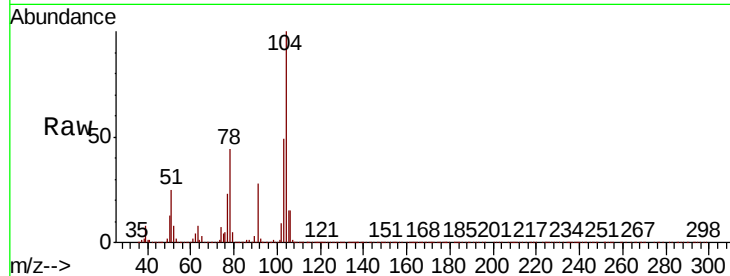
#69
Stvrene
Concen: 18.816 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		417949		
78	48.8	38.2	57.4		
103	54.2	43.2	64.8		

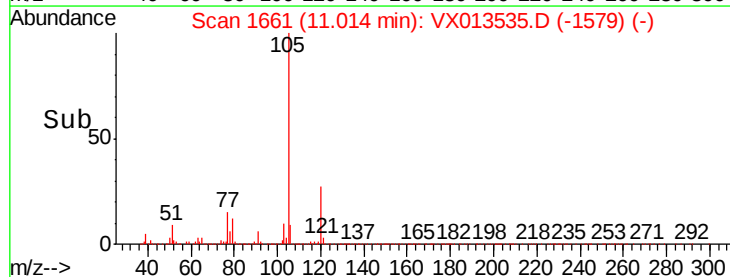
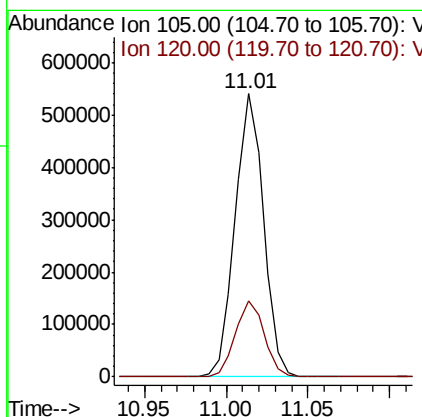
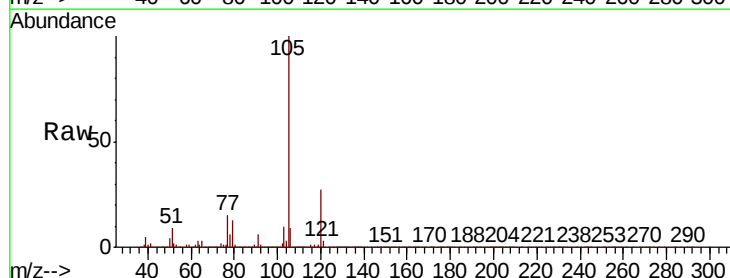
Manual Integrations
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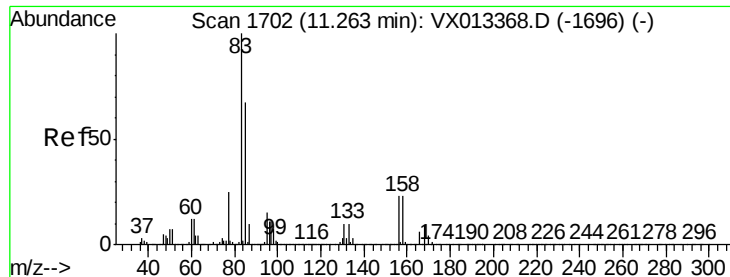
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#70
Isopropylbenzene
Concen: 19.150 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		656400		
120	27.3	18.8	34.8		





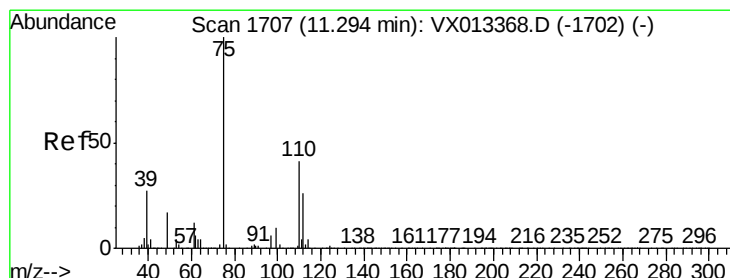
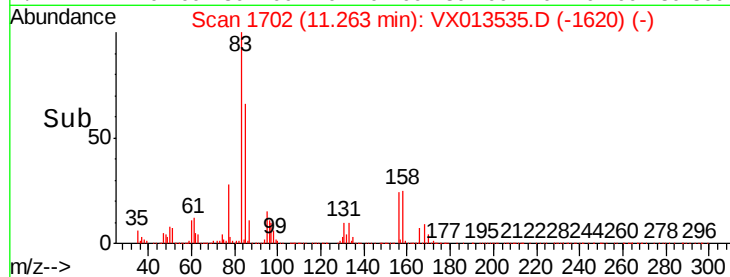
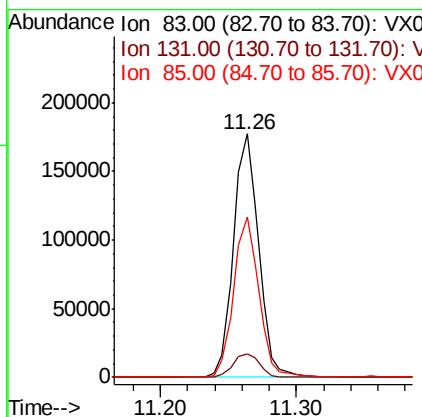
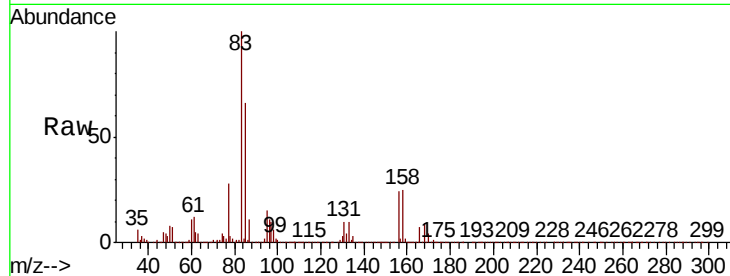
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.620 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	228524		
131	10.3	4.7	14.1	
85	65.7	32.6	97.7	

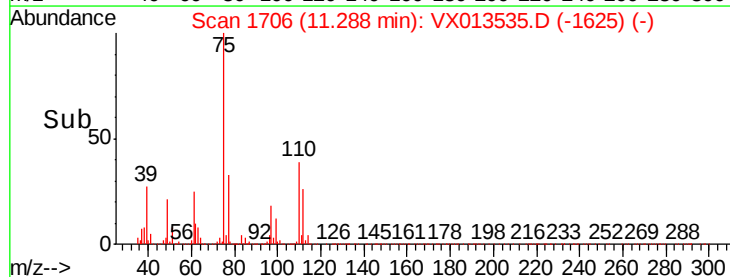
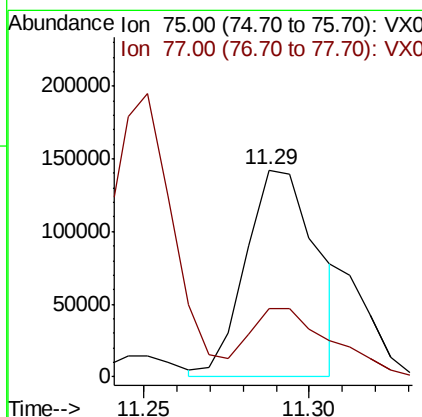
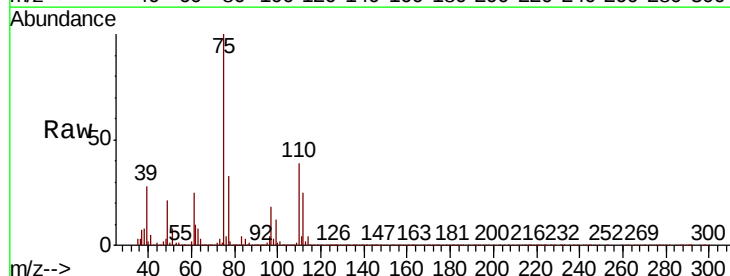
Manual Integrations
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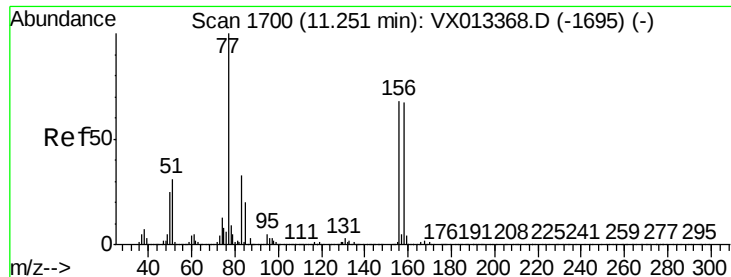
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#72
 1,2,3-Trichloropropane
 Concen: 20.576 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	213230		
77	35.5	0.0	86.2	





#73

Bromobenzene

Concen: 18.796 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

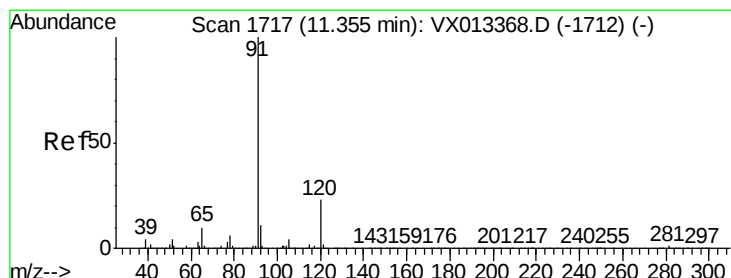
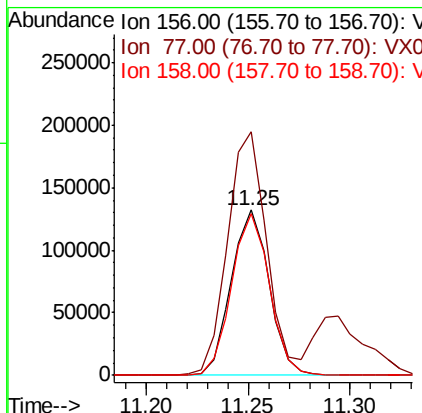
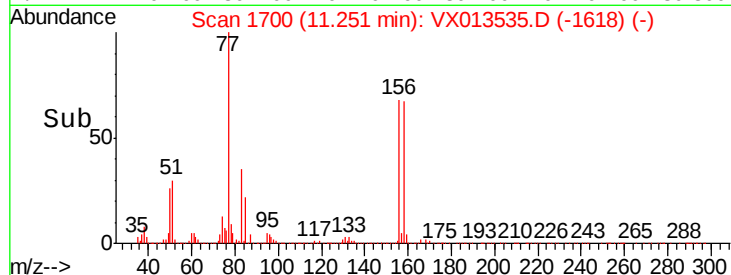
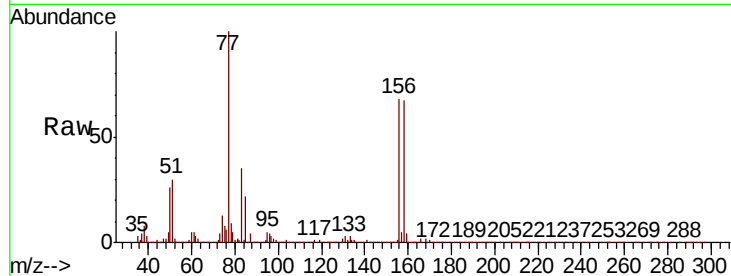
ClientSampleId :

VX1122WBSD01

Tot Ion:	156	Resp:	169901
Ion Ratio	Lower	Upper	
156	100		
77	152.8	0.0	308.8
158	98.1	0.0	197.0

Manual Integrations
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#74

n-propylbenzene

Concen: 19.070 ug/l

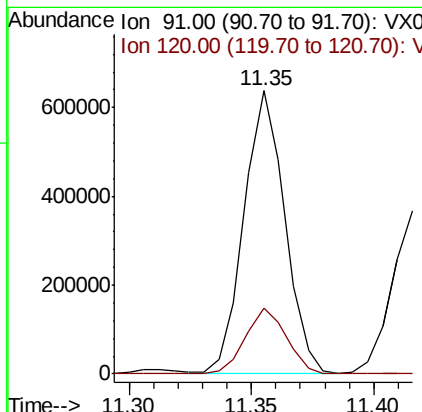
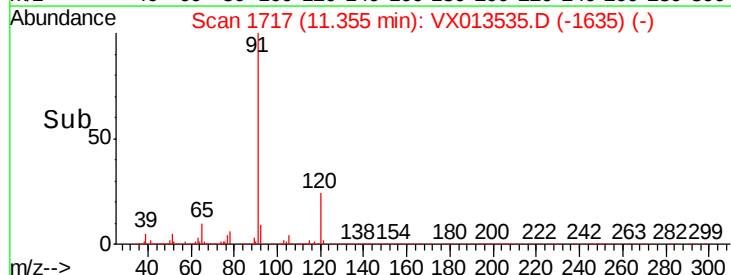
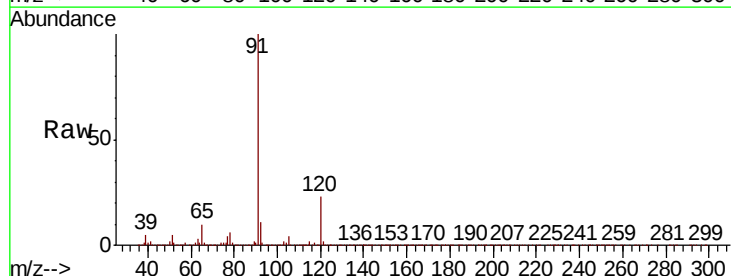
RT: 11.35 min Scan# 1717

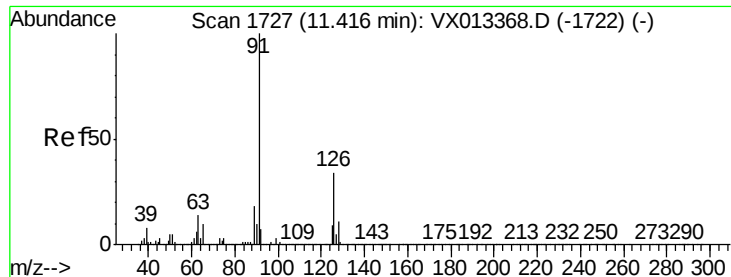
Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion:	91	Resp:	742841
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.047 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion: 91 Resp: 441196

Ion Ratio Lower Upper

91 100

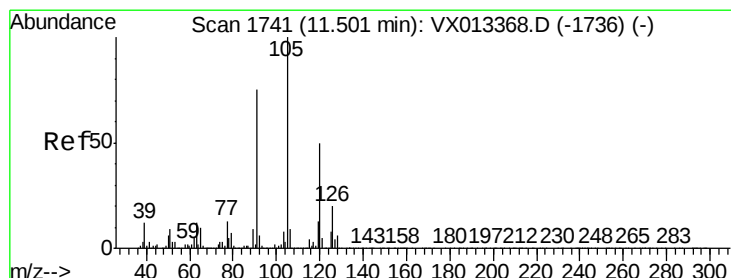
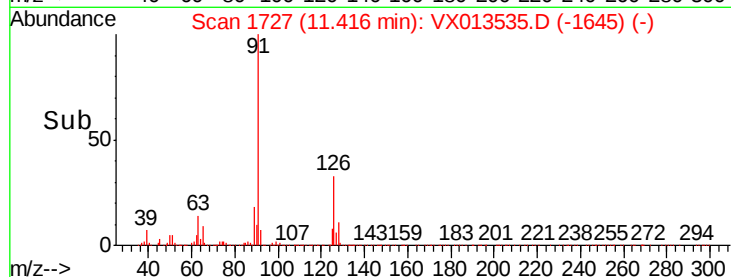
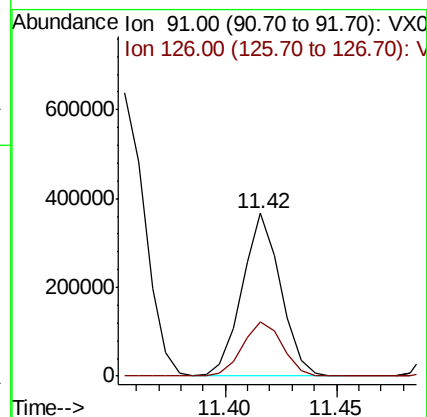
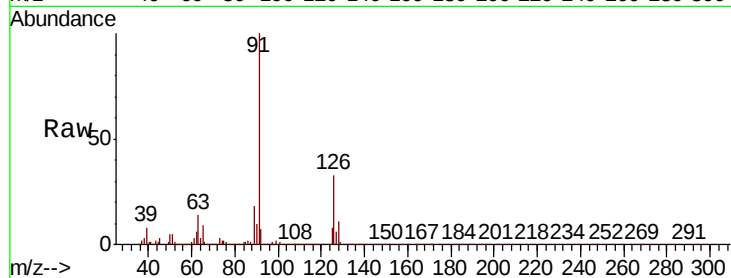
126 34.8 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 18.874 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013535.D

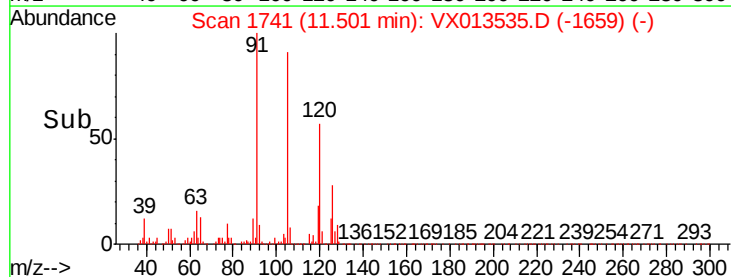
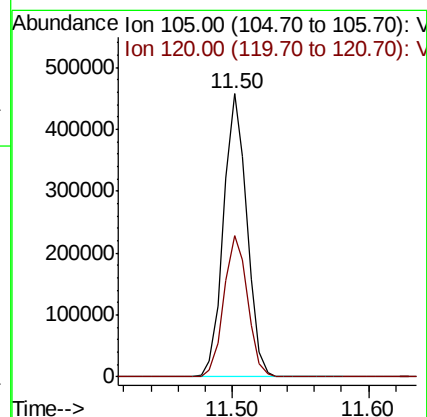
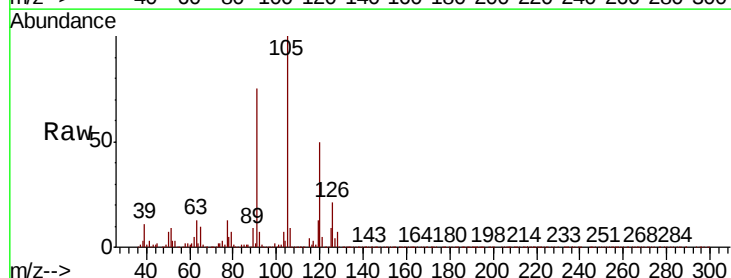
Acq: 22 Nov 2019 15:59

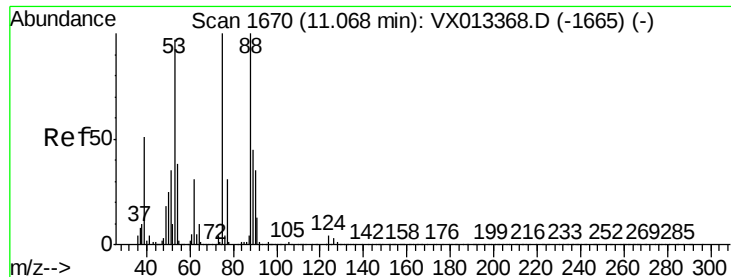
Tgt Ion: 105 Resp: 543778

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 16.568 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

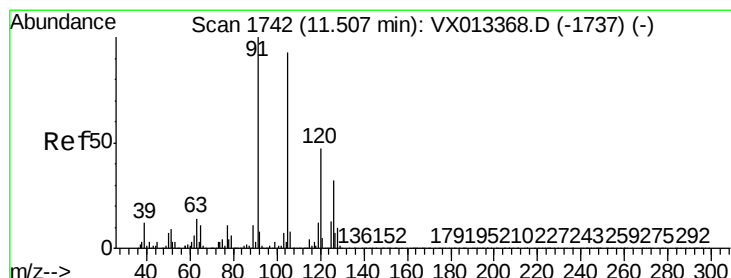
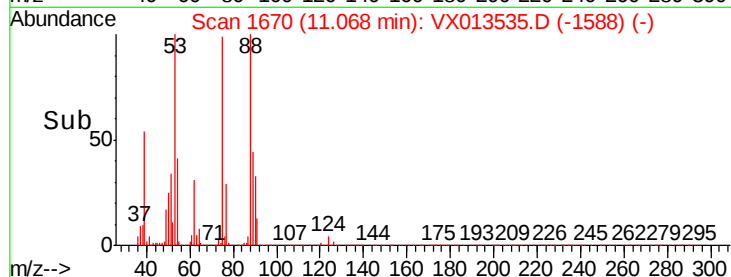
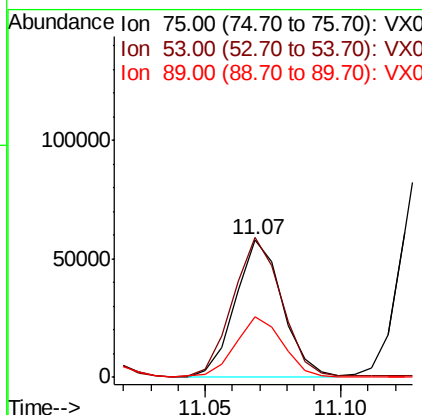
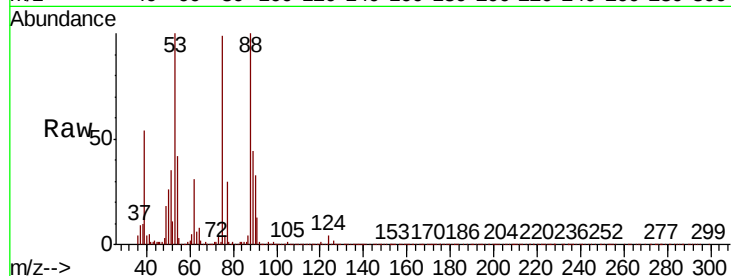
ClientSampleId :

VX1122WBSD01

Tot Ion:	75	Resp:	69422
Ion Ratio	Lower	Upper	
75	100		
53	100.8	48.8	146.3
89	43.9	22.3	66.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 18.649 ug/l

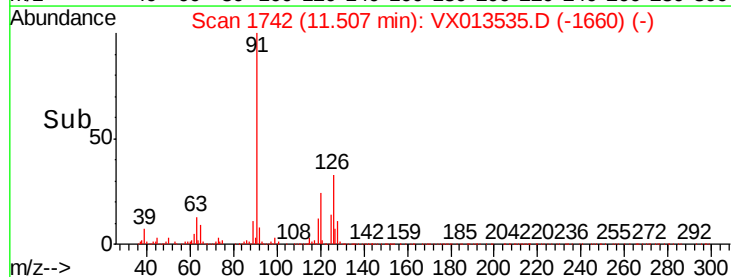
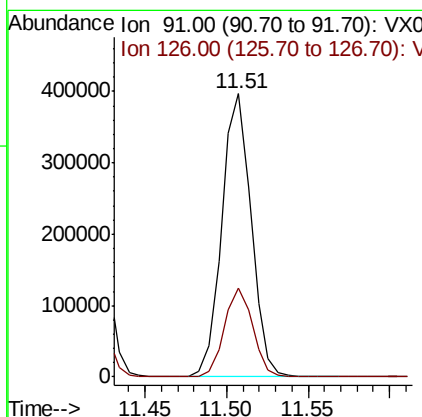
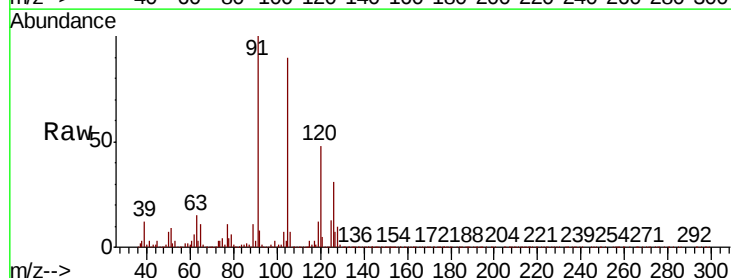
RT: 11.51 min Scan# 1742

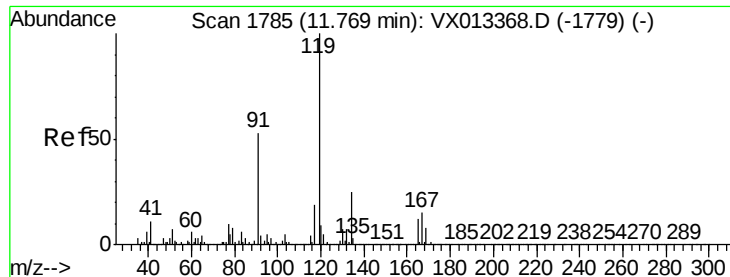
Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion:	91	Resp:	494939
Ion Ratio	Lower	Upper	
91	100		
126	30.4	0.0	61.0





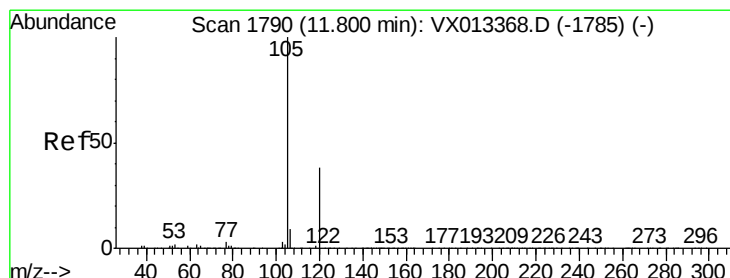
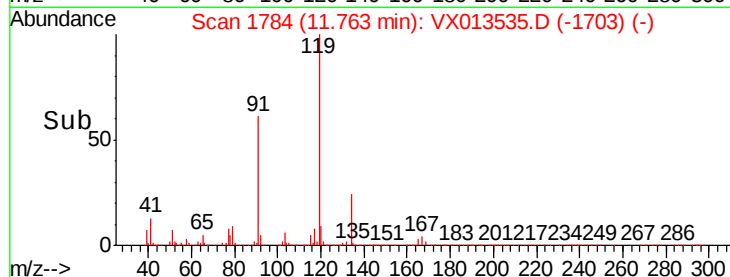
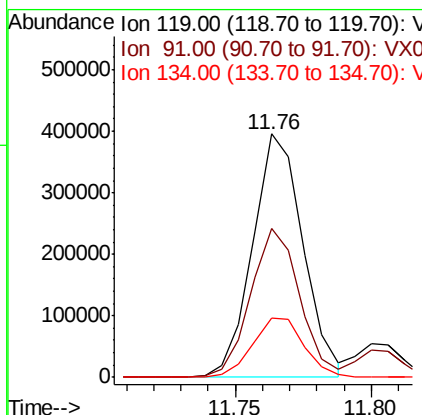
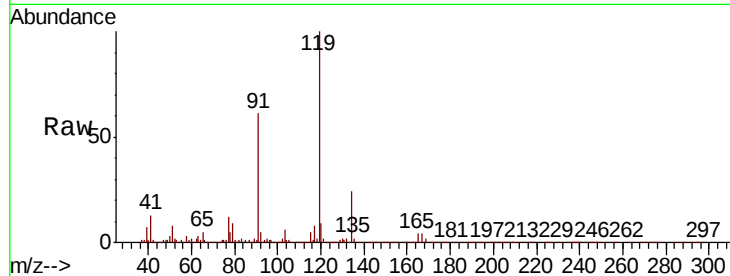
#79
tert-butylbenzene
Concen: 17.469 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	507819		
91	59.8	0.0	109.6	
134	24.9	0.0	47.8	

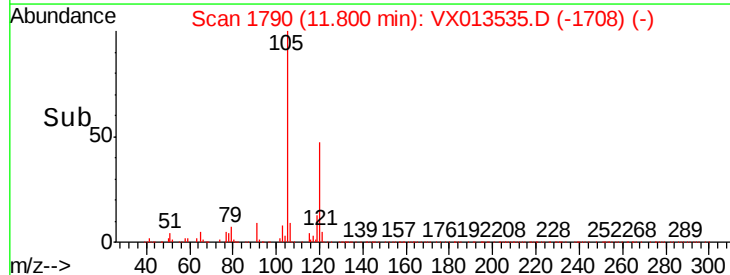
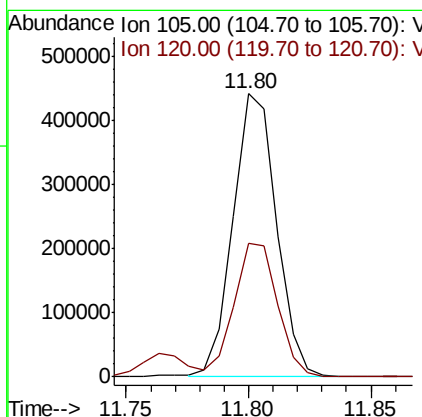
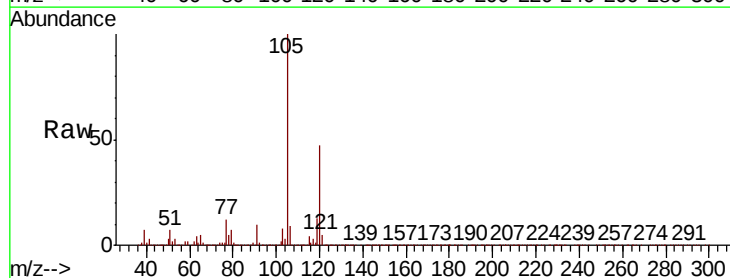
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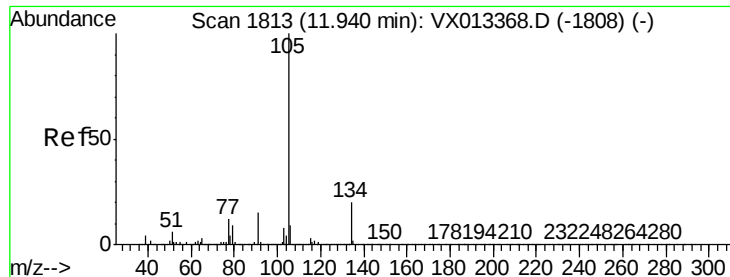
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#80
1,2,4-Trimethylbenzene
Concen: 18.997 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	545419		
120	47.1	0.0	94.0	





#81

sec-Butylbenzene

Concen: 18.950 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tot Ion:105 Resp: 628494

Ion Ratio Lower Upper

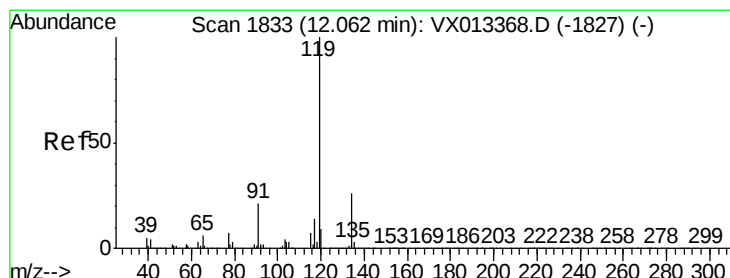
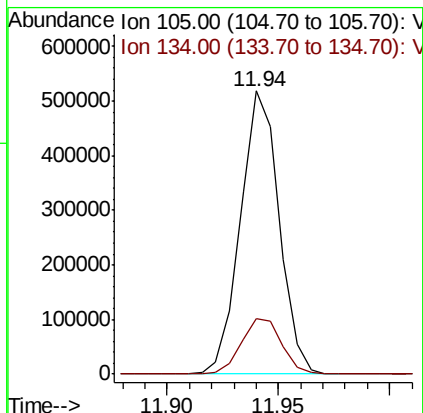
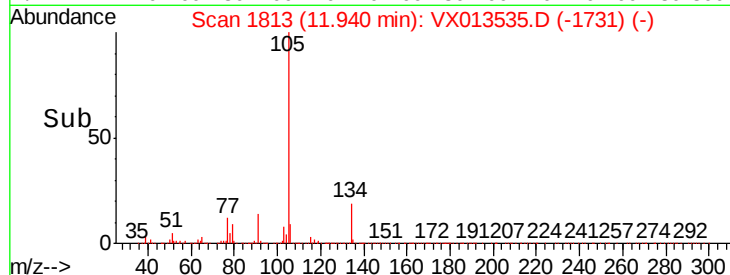
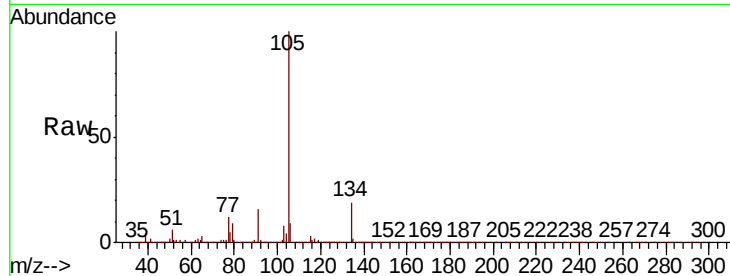
105 100

134 20.5 0.0 41.2

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#82

p-Isopropyltoluene

Concen: 18.632 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

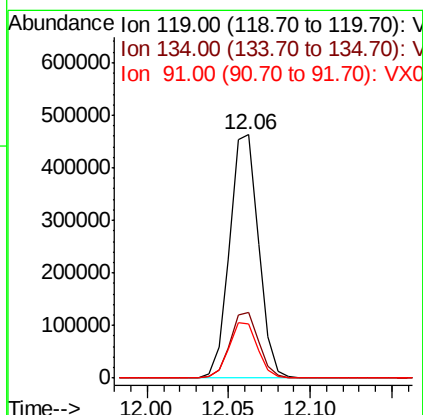
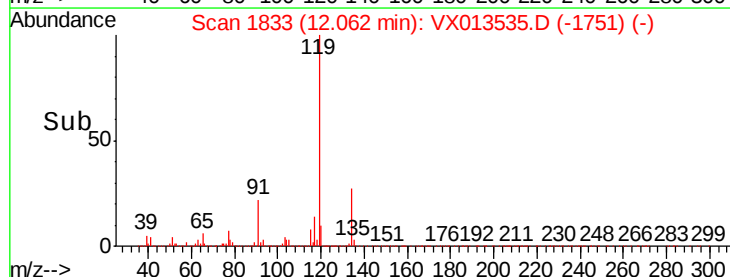
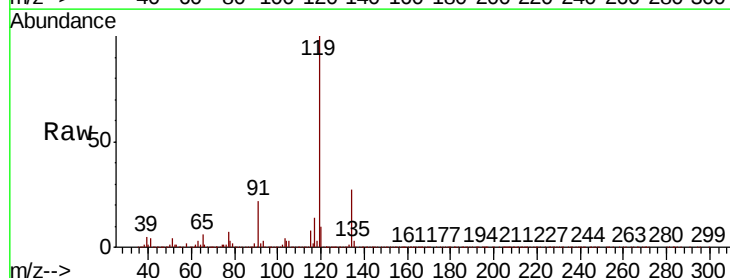
Tgt Ion:119 Resp: 569345

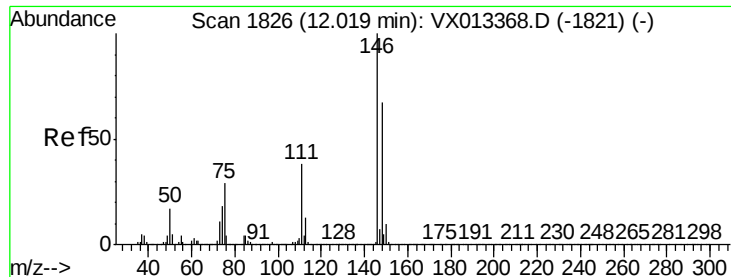
Ion Ratio Lower Upper

119 100

134 26.8 0.0 51.6

91 22.3 0.0 44.2





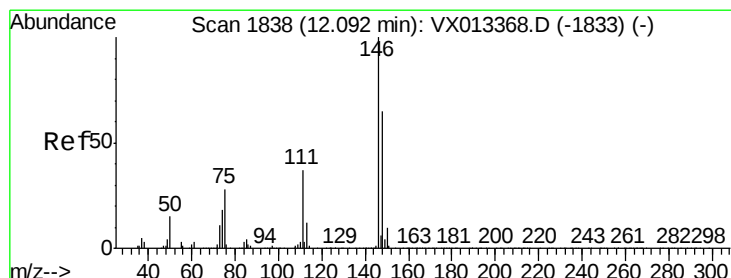
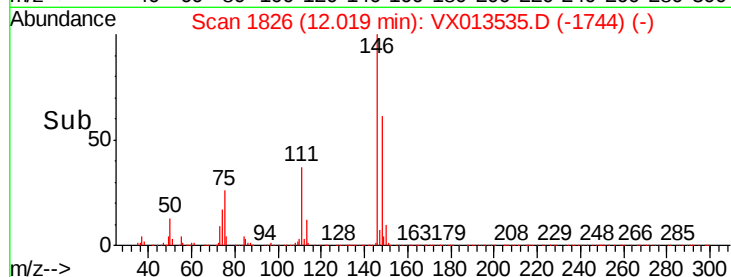
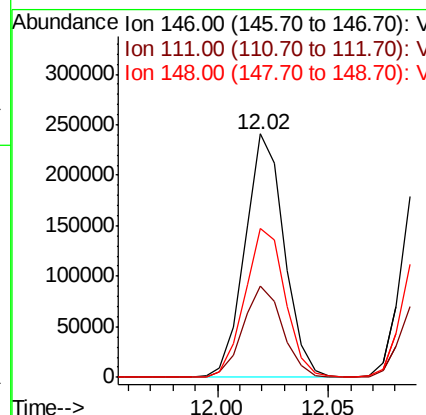
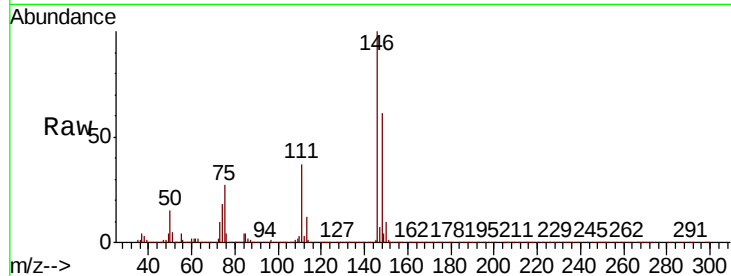
#83
1,3-Dichlorobenzene
Concen: 18.623 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	62.6	32.3	96.9

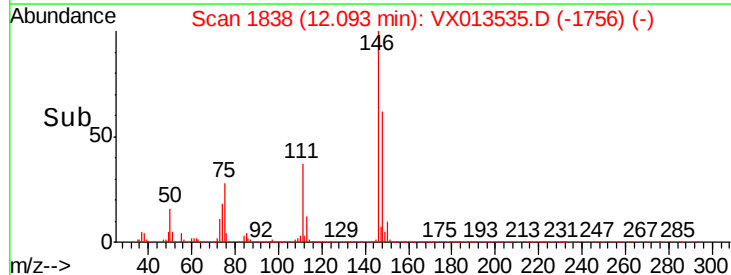
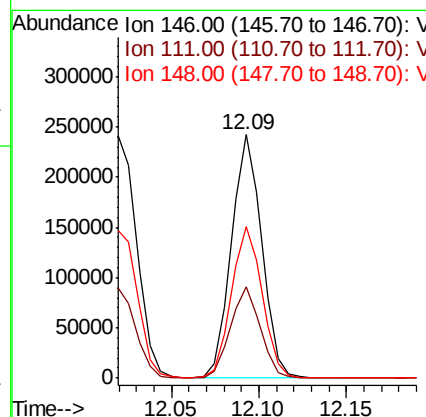
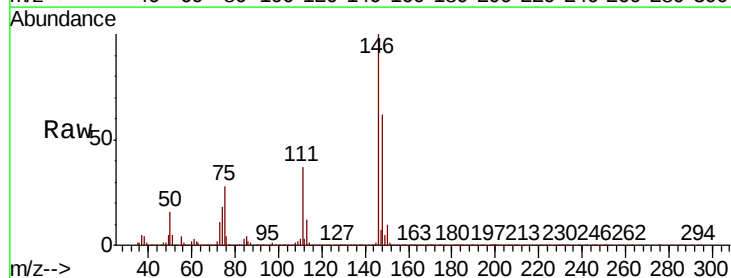
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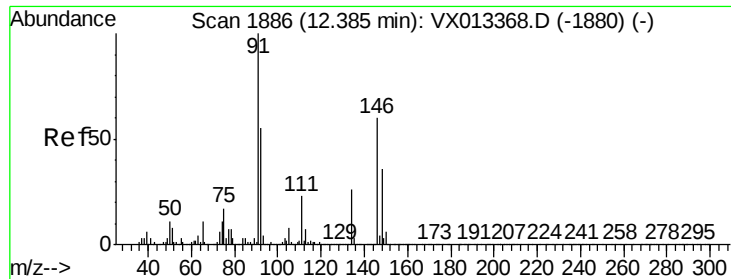
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#84
1,4-Dichlorobenzene
Concen: 18.564 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.6
148	62.8	32.5	97.4





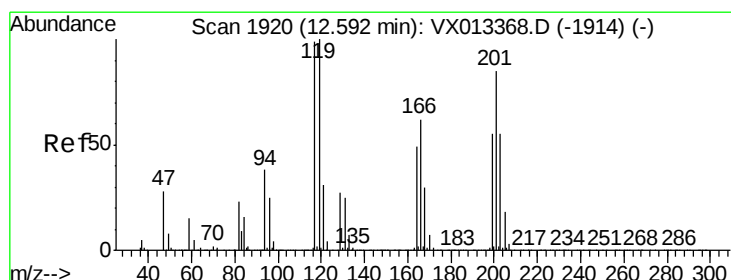
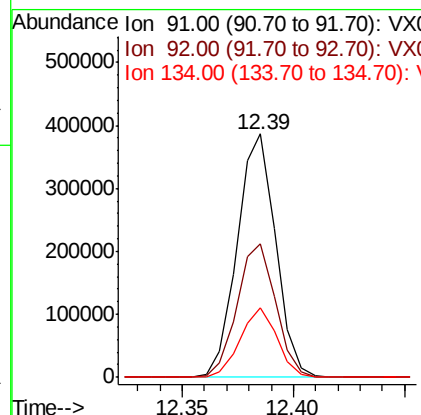
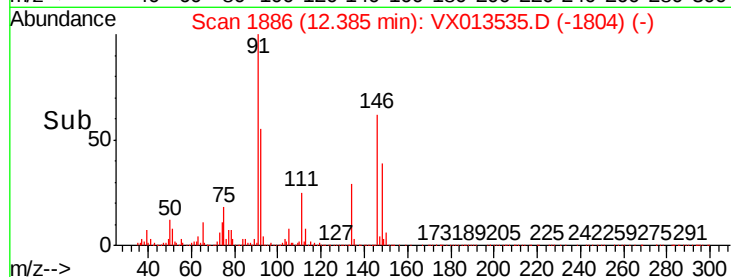
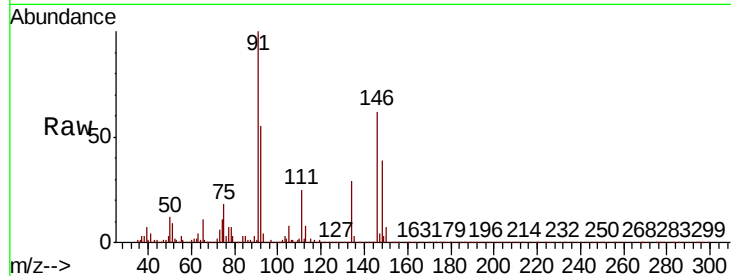
#85
n-Butylbenzene
Concen: 17.481 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	461028		
92	55.4	0.0	109.0	
134	27.8	0.0	53.0	

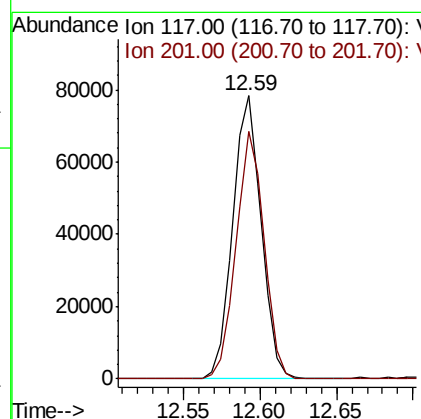
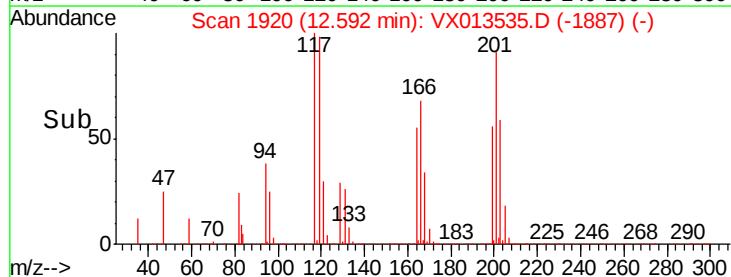
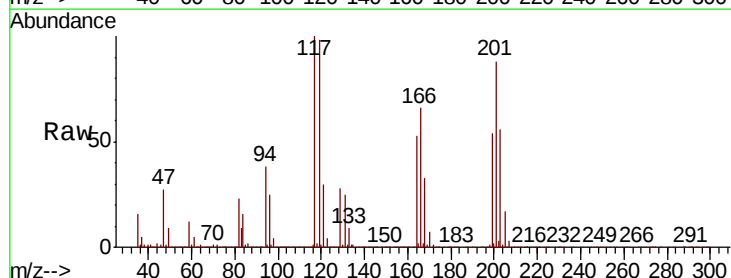
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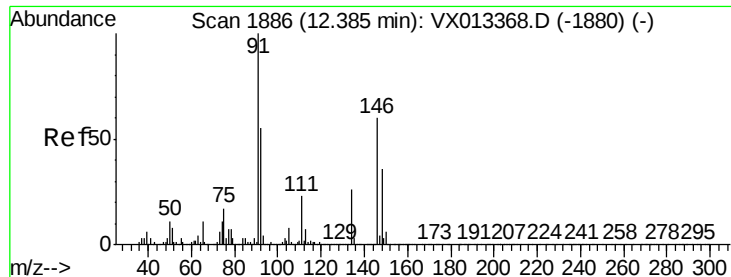
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#86
Hexachloroethane
Concen: 17.968 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100754		
201	86.1	44.5	133.3	





#87

1,2-Dichlorobenzene

Concen: 18.839 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

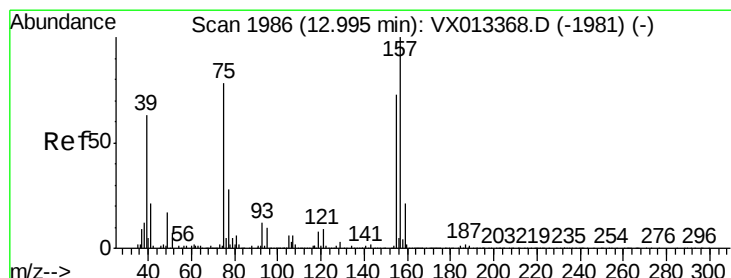
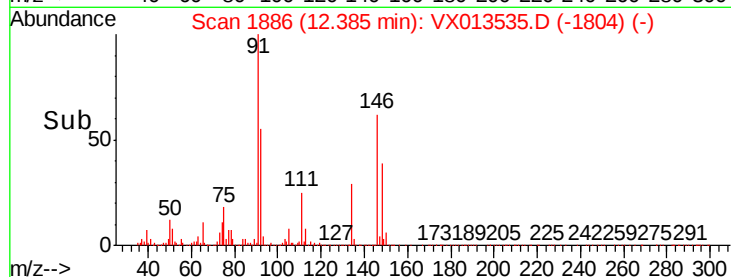
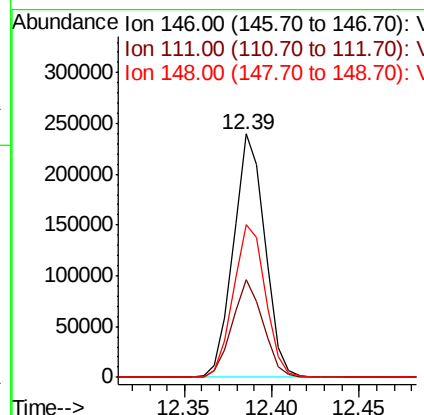
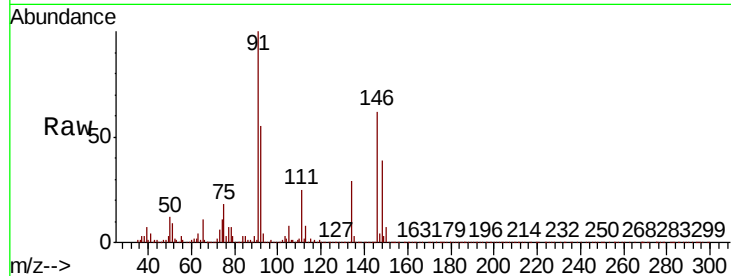
Instrument :
MSVOA_X

ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	299385		
111	39.3	19.6	58.7	
148	63.8	31.6	94.7	

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.223 ug/l

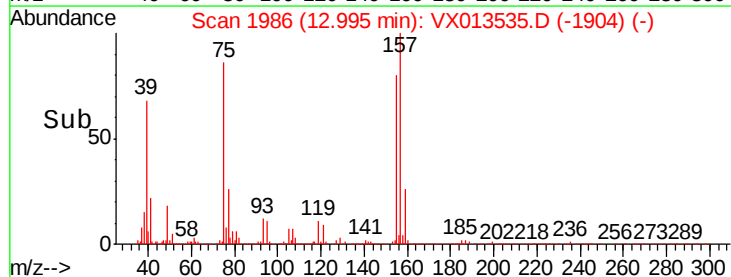
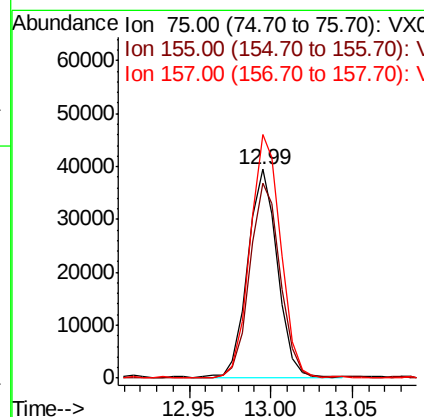
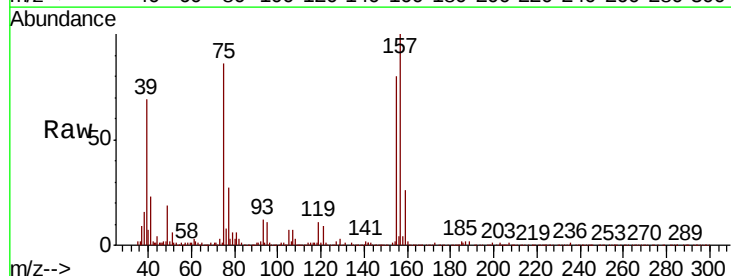
RT: 12.99 min Scan# 1986

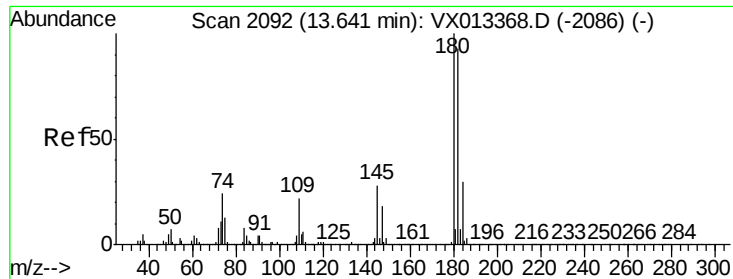
Delta R.T. 0.00 min

Lab File: VX013535.D

Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	50015		
155	95.7	76.9	115.3	
157	120.2	101.2	151.8	





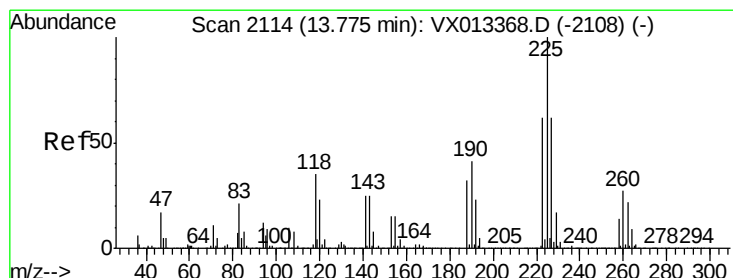
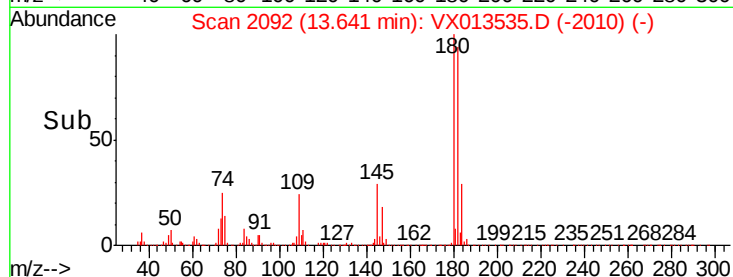
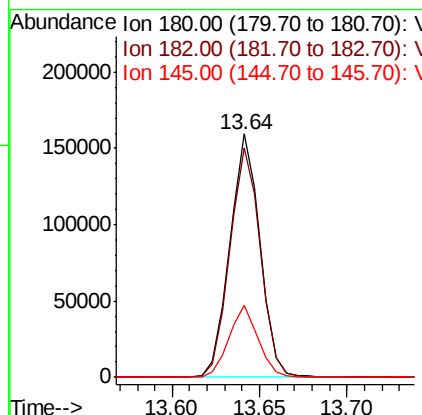
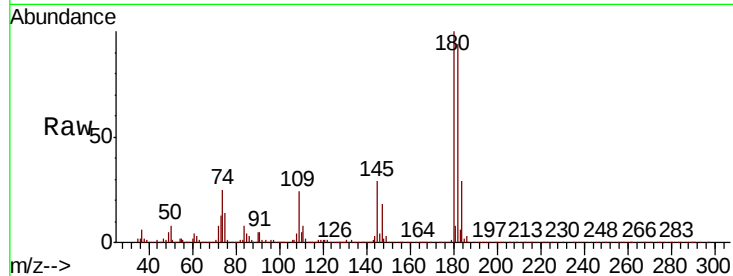
#89
 1,2,4-Trichlorobenzene
 Concen: 17.392 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190565		
182	95.6	74.7	112.1	
145	28.7	22.1	33.1	

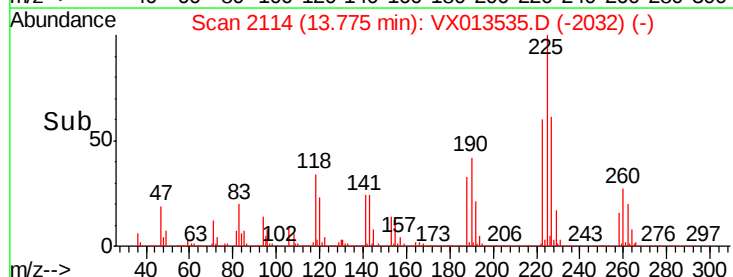
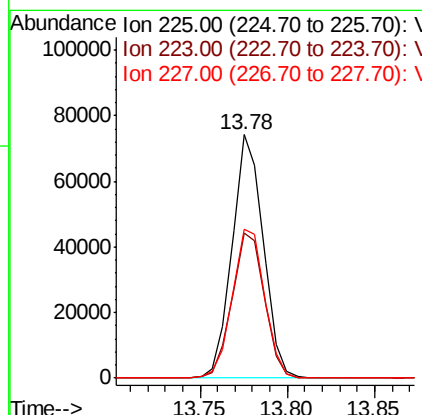
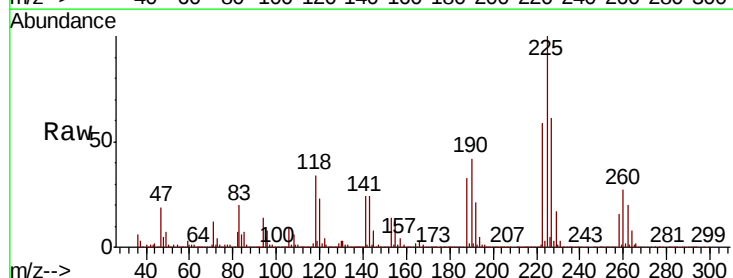
Manual Integrations
 APPROVED

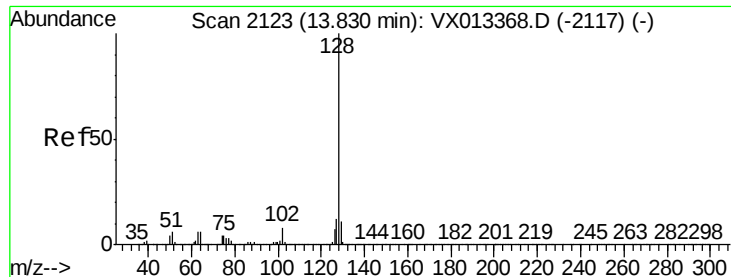
MMDadoda
 11/25/2019 10:40:17 AM



#90
 Hexachlorobutadiene
 Concen: 17.546 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013535.D
 Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92125		
223	62.0	0.0	123.0	
227	63.5	0.0	121.8	





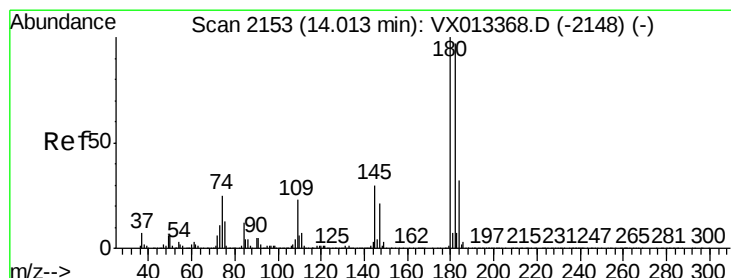
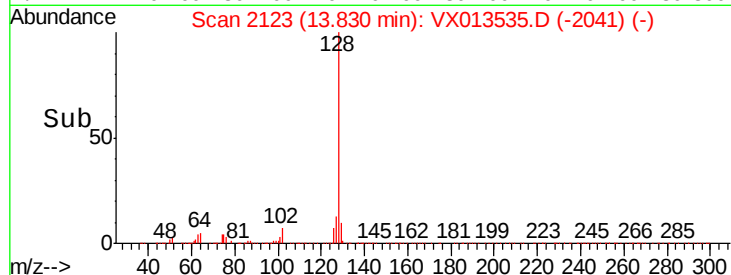
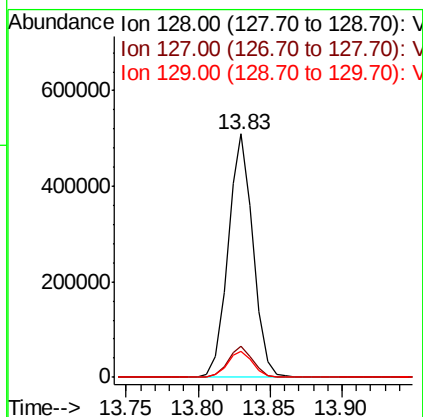
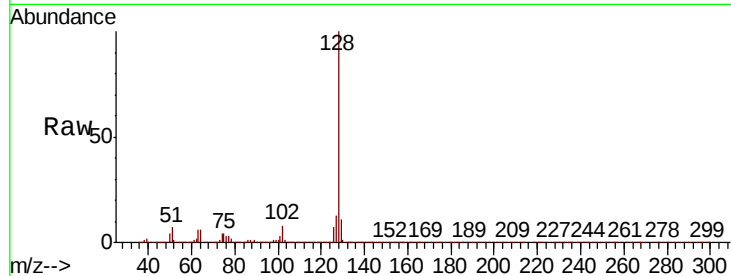
#91
Naphthalene
Concen: 17.753 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	615893		
127	12.7		10.2	15.2
129	10.7		8.8	13.2

Manual Integrations
APPROVED

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#92
1,2,3-Trichlorobenzene
Concen: 18.025 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013535.D
Acq: 22 Nov 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199598		
182	95.6		0.0	191.0
145	29.7		0.0	59.0

