

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015588.D
 Acq On : 09 Apr 2020 11:59
 Operator : JC/SP
 Sample : VX0409WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Manual Integrations
 APPROVED

sam
 4/10/2020 2:12:41 PM

Quant Time: Apr 09 15:55:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1117079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1672792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1566862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	840840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	743313	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	5.47	113	546115	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	8.70	98	1991602	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.12	95	811661	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	187102	19.011	ug/l	100
3) Chloromethane	1.31	50	219973	17.551	ug/l	98
4) Vinyl Chloride	1.39	62	219280	19.054	ug/l	97
5) Bromomethane	1.63	94	140029	21.841	ug/l	100
6) Chloroethane	1.71	64	142154	19.917	ug/l	99
7) Trichlorofluoromethane	1.92	101	312559	20.252	ug/l	99
8) Diethyl Ether	2.17	74	129404	19.879	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	196797	19.560	ug/l	96
10) Methyl Iodide	2.49	142	221986	16.365	ug/l	99
11) Tert butyl alcohol	3.01	59	345376	91.585	ug/l	100
12) 1,1-Dichloroethene	2.36	96	194365	18.430	ug/l	93
13) Acrolein	2.27	56	157509	73.322	ug/l	99
14) Allyl chloride	2.71	41	439269	17.826	ug/l	98
15) Acrylonitrile	3.12	53	686607	95.472	ug/l	99
16) Acetone	2.42	43	701183	103.591	ug/l	99
17) Carbon Disulfide	2.55	76	546815	16.996	ug/l	99
18) Methyl Acetate	2.75	43	331634	19.196	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	774982	18.947	ug/l	97
20) Methylene Chloride	2.84	84	225441	17.831	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	217703	18.600	ug/l	99
22) Diisopropyl ether	3.83	45	831751	19.048	ug/l	89
23) Vinyl Acetate	3.79	43	3791772	95.907	ug/l	98
24) 1,1-Dichloroethane	3.67	63	419228	18.234	ug/l	99
25) 2-Butanone	4.64	43	1028841	94.514	ug/l	96
26) 2,2-Dichloropropane	4.56	77	382474	20.267	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	252850	18.672	ug/l	97
28) Bromochloromethane	4.98	49	220483	20.086	ug/l	98
29) Tetrahydrofuran	5.09	42	645110	92.184	ug/l	98
30) Chloroform	5.18	83	421554	19.058	ug/l	96
31) Cyclohexane	5.55	56	377389	18.922	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	380006	18.983	ug/l	99
36) 1,1-Dichloropropene	5.78	75	308493	20.015	ug/l	99
37) Ethyl Acetate	4.80	43	402362	20.049	ug/l	100
38) Carbon Tetrachloride	5.76	117	333600	19.983	ug/l	99

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Manual Integrations
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Quant Time: Apr 09 15:55:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	371172	20.886	ug/l	96
40) Benzene	6.12	78	905604	20.058	ug/l	99
41) Methacrylonitrile	5.00	41	223615	20.072	ug/l	99
42) 1,2-Dichloroethane	6.17	62	383250	21.133	ug/l	99
43) Isopropyl Acetate	6.42	43	654975	19.333	ug/l	99
44) Trichloroethene	7.20	130	256024	20.793	ug/l	91
45) 1,2-Dichloropropane	7.50	63	243812	19.740	ug/l	96
46) Dibromomethane	7.64	93	161454	19.928	ug/l	96
47) Bromodichloromethane	7.88	83	339314	19.655	ug/l	96
48) Methyl methacrylate	7.75	41	329551	19.475	ug/l	99
49) 1,4-Dioxane	7.72	88	129357	409.780	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1999596	104.149	ug/l	99
52) Toluene	8.77	92	574725	20.647	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	386371	19.083	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	410891	19.922	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	239402	20.992	ug/l	98
56) Ethyl methacrylate	9.16	69	394508	19.629	ug/l	100
57) 1,3-Dichloropropane	9.36	76	418476	20.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1014725	103.797	ug/l	99
59) 2-Hexanone	9.47	43	1516323	104.609	ug/l	100
60) Dibromochloromethane	9.57	129	278691	20.337	ug/l	99
61) 1,2-Dibromoethane	9.65	107	259298	20.911	ug/l	97
64) Tetrachloroethene	9.32	164	248778	21.039	ug/l	97
65) Chlorobenzene	10.12	112	630199	20.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	247613	19.835	ug/l	99
67) Ethyl Benzene	10.24	91	1116139	20.139	ug/l	100
68) m/p-Xylenes	10.34	106	830180	40.228	ug/l	98
69) o-Xylene	10.68	106	408671	20.040	ug/l	98
70) Styrene	10.70	104	709646	19.776	ug/l	99
71) Bromoform	10.84	173	216720	19.070	ug/l #	99
73) Isopropylbenzene	11.01	105	1104417	20.046	ug/l	99
74) N-amyl acetate	10.89	43	567853	18.532	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	361233	19.108	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	340137m	19.671	ug/l	
77) Bromobenzene	11.24	156	296752	20.193	ug/l	96
78) n-propylbenzene	11.35	91	1262626	20.042	ug/l	100
79) 2-Chlorotoluene	11.40	91	766289	19.845	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	927667	19.716	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	126735	17.587	ug/l	93
82) 4-Chlorotoluene	11.50	91	899435	19.870	ug/l	99
83) tert-Butylbenzene	11.76	119	918162	19.978	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	956632	19.952	ug/l	100
85) sec-Butylbenzene	11.93	105	1076404	20.251	ug/l	100
86) p-Isopropyltoluene	12.05	119	1025239	20.777	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	527757	20.061	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	528988	19.740	ug/l	99
89) n-Butylbenzene	12.37	91	918805	20.605	ug/l	100
90) Hexachloroethane	12.58	117	179396	18.679	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	525285	20.403	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	93925	17.603	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	407260	19.998	ug/l	95
94) Hexachlorobutadiene	13.77	225	190653	19.663	ug/l	96
95) Naphthalene	13.82	128	1238827	19.943	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	397822	20.290	ug/l	97

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

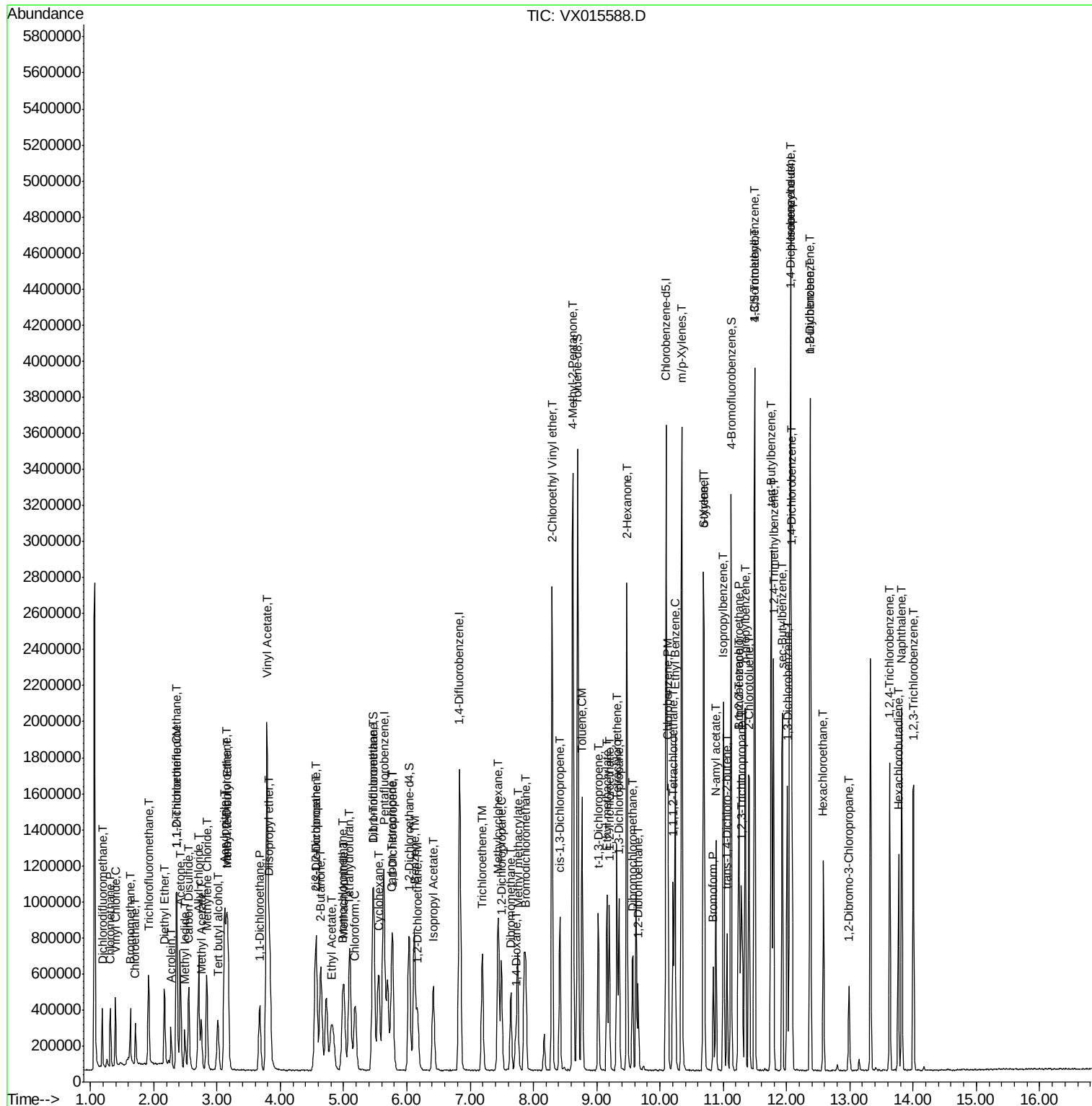
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040920\
Data File : VX015588.D
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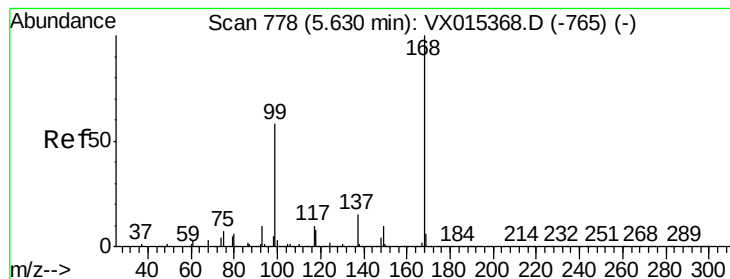
Instrument :
MSVOA_X
ClientSampled :
VX0409WBS01

Manual Integrations
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sam
4/10/2020 2:12:41 PM

Quant Time: Apr 09 15:55:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion:168 Resp: 1117079

Ion Ratio Lower Upper

168 100

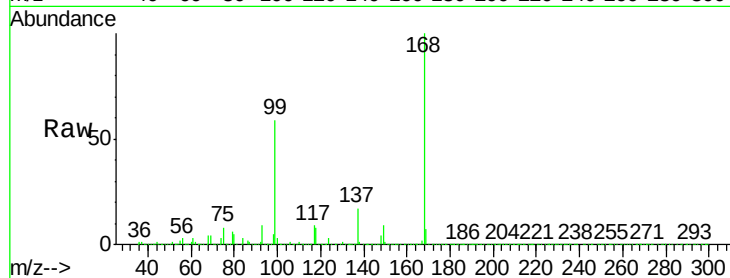
99 59.0 46.4 69.6

Manual Integrations

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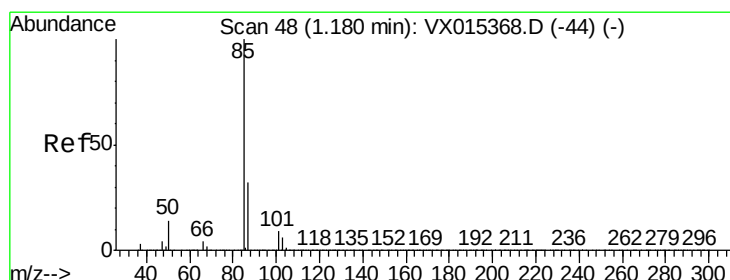
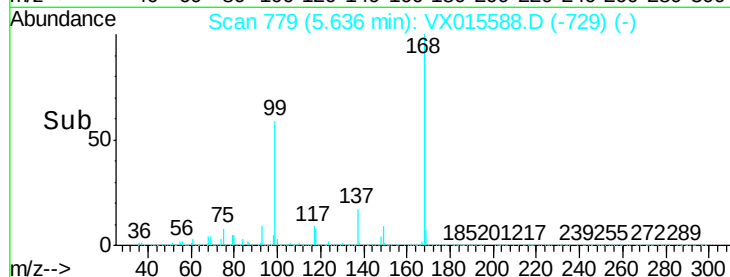
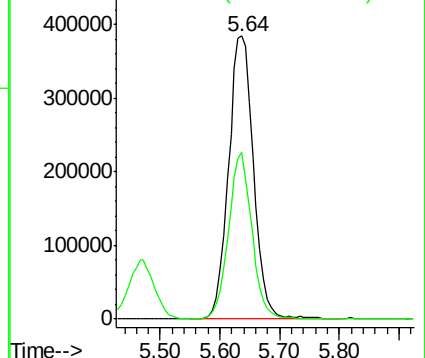
Sam

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.011 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015588.D

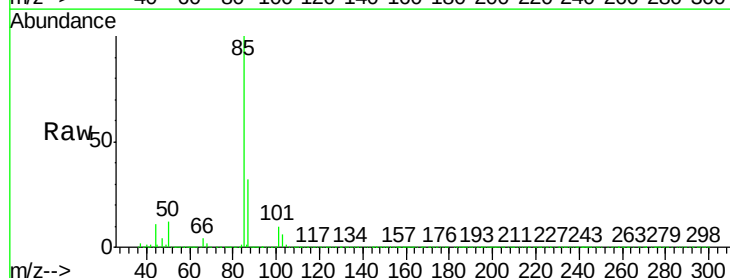
Acq: 09 Apr 2020 11:59

Tgt Ion: 85 Resp: 187102

Ion Ratio Lower Upper

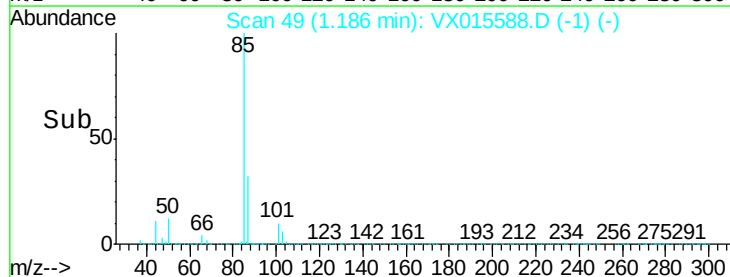
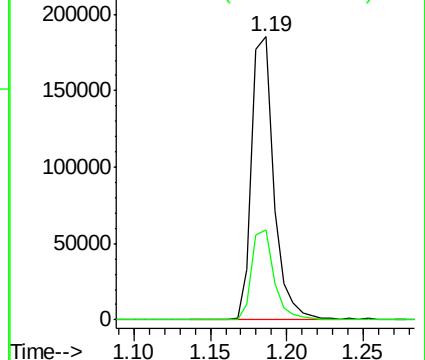
85 100

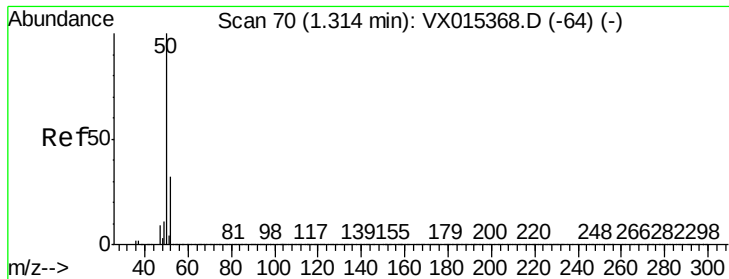
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.551 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 50 Resp: 219973

Ion Ratio Lower Upper

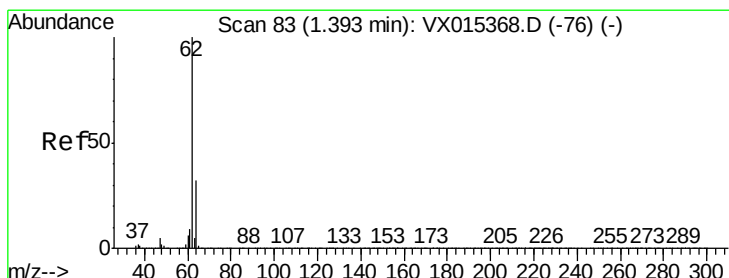
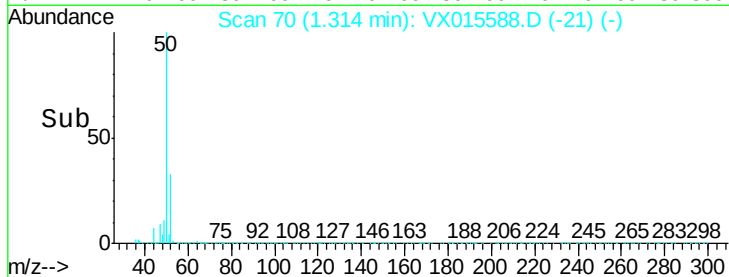
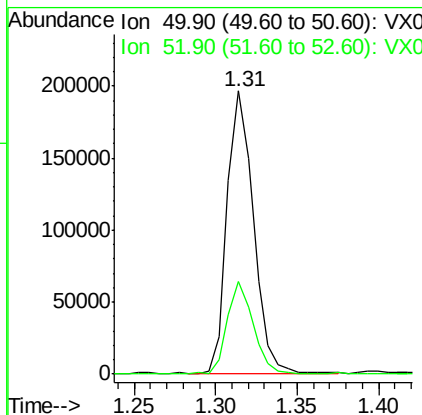
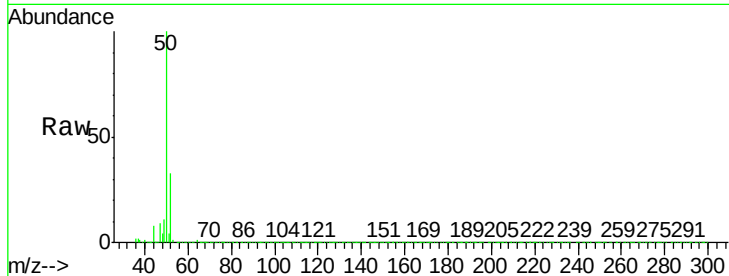
50 100

52 32.9 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.054 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015588.D

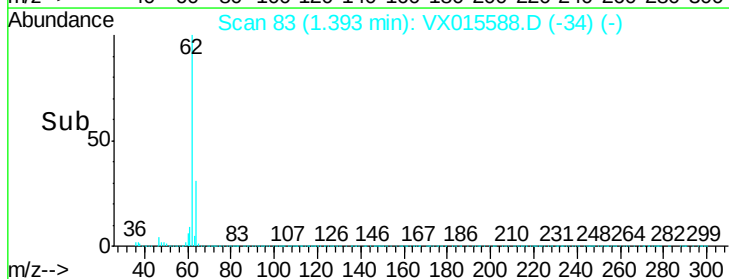
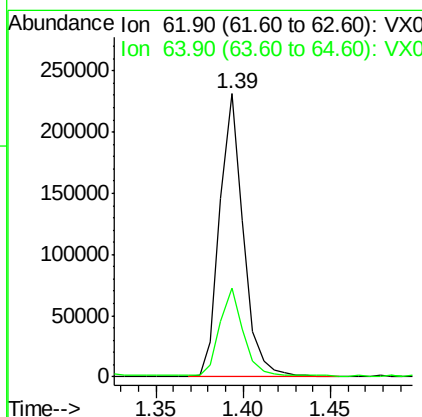
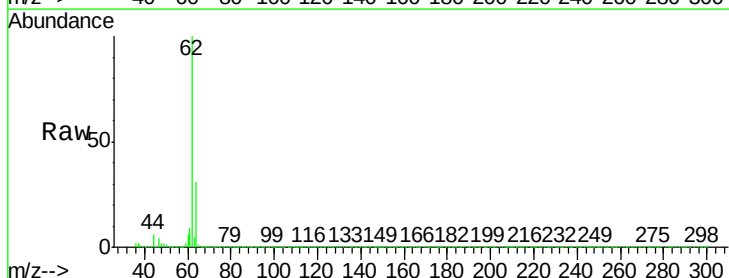
Acq: 09 Apr 2020 11:59

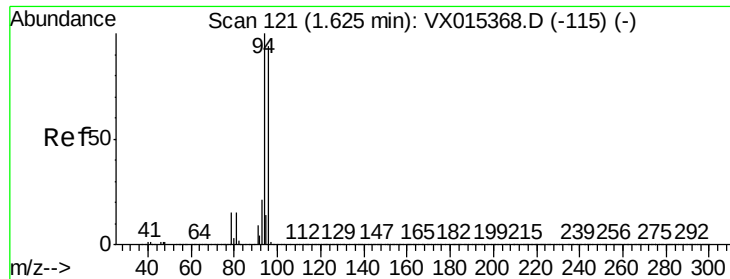
Tgt Ion: 62 Resp: 219280

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





#5

Bromomethane

Concen: 21.841 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 94 Resp: 140029

Ion Ratio Lower Upper

94 100

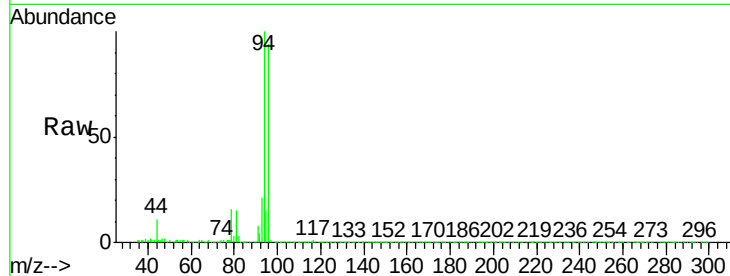
96 93.5 74.8 112.2

Manual Integrations

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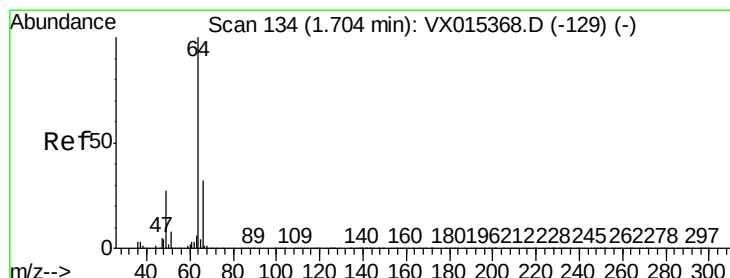
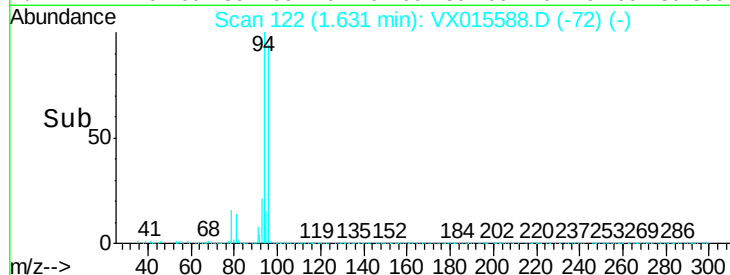
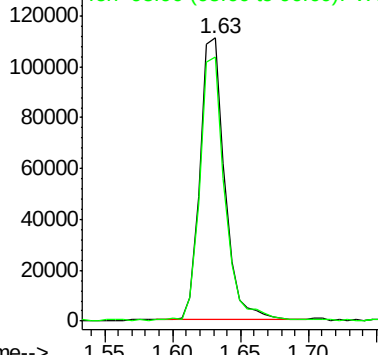
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.917 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015588.D

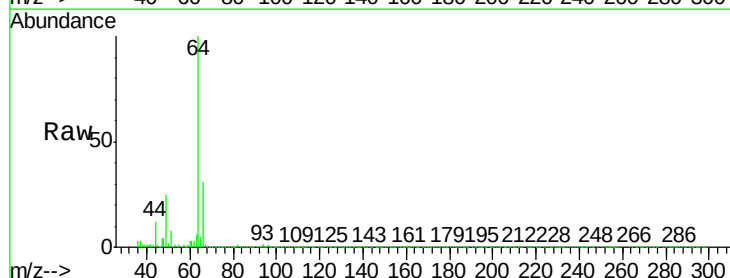
Acq: 09 Apr 2020 11:59

Tgt Ion: 64 Resp: 142154

Ion Ratio Lower Upper

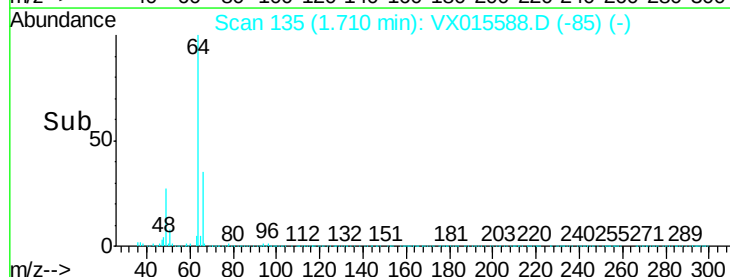
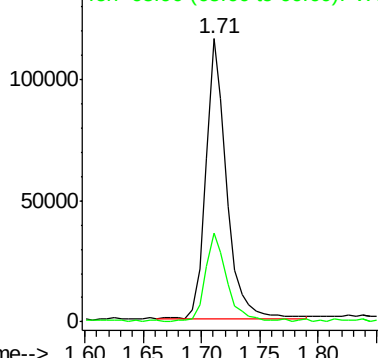
64 100

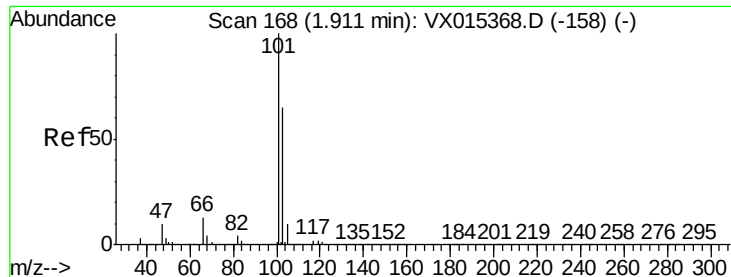
66 31.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

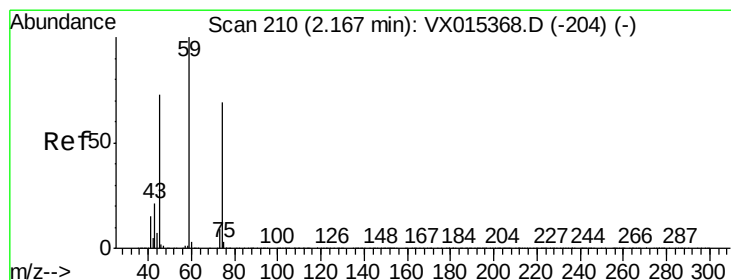
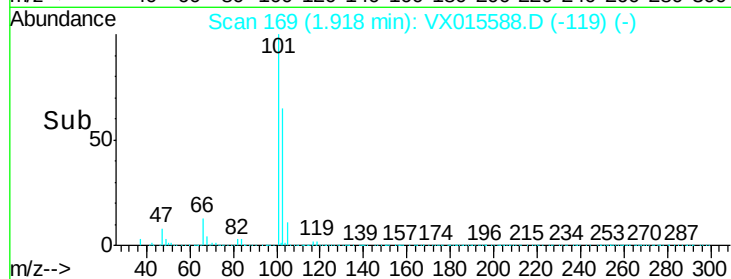
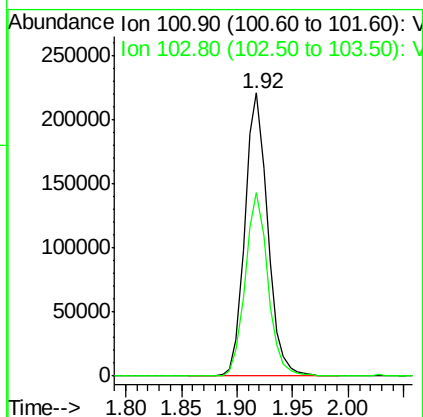
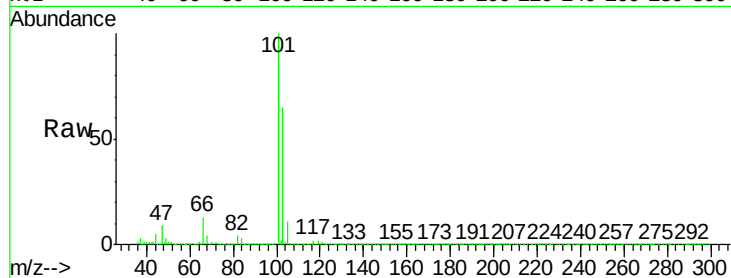
Trichlorofluoromethane
Concen: 20.252 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

Manual Integrations
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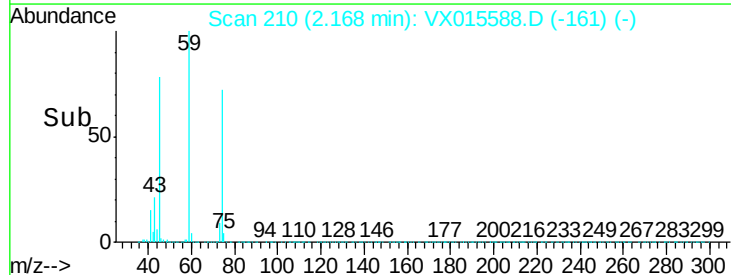
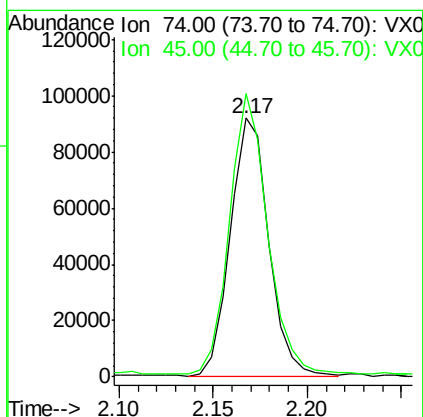
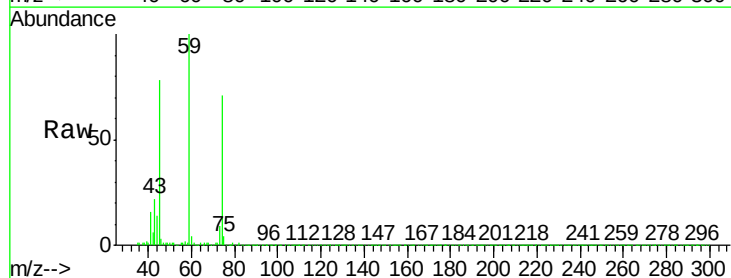
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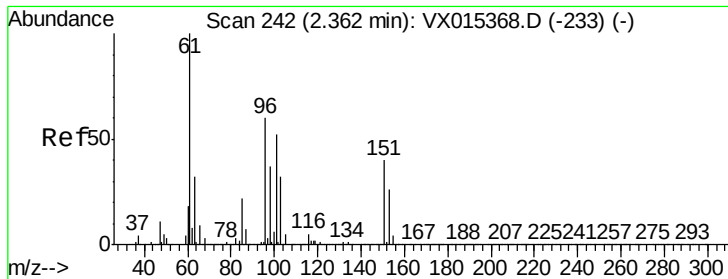


#8

Diethyl Ether
Concen: 19.879 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.560 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

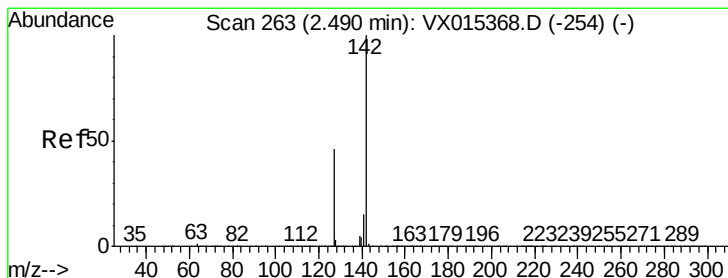
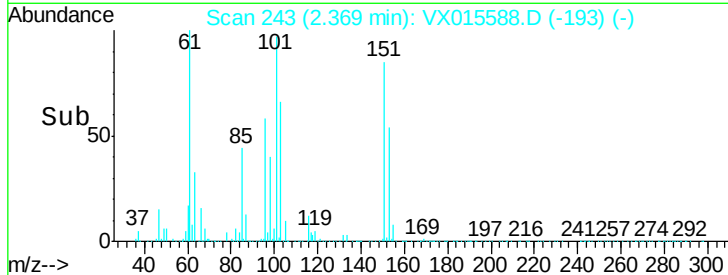
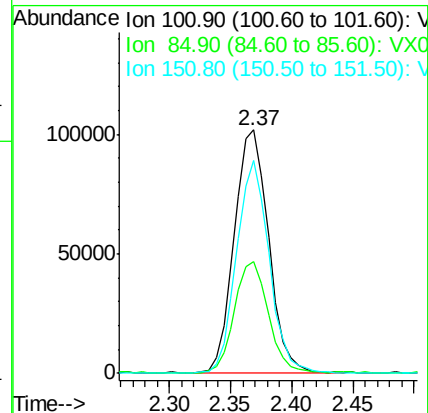
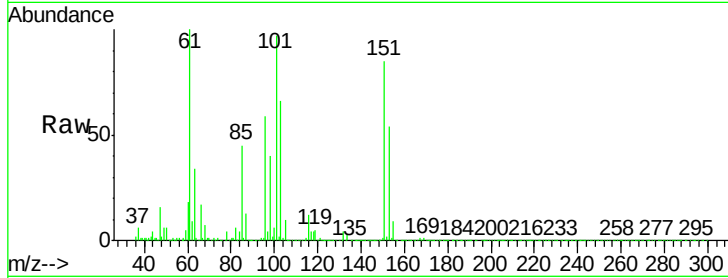
ClientSampleId :

VX0409WBS01

Tot Ion:	101	Resp:	196797
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.0	52.4
151	83.9	64.1	96.1

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#10

Methyl Iodide

Concen: 16.365 ug/l

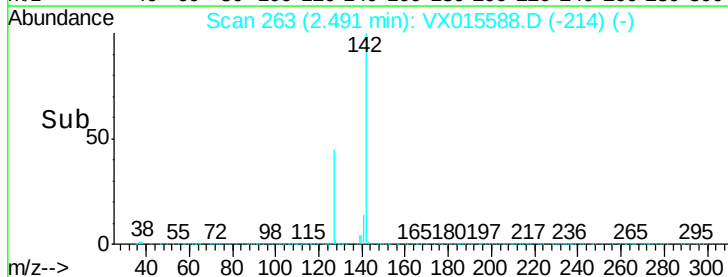
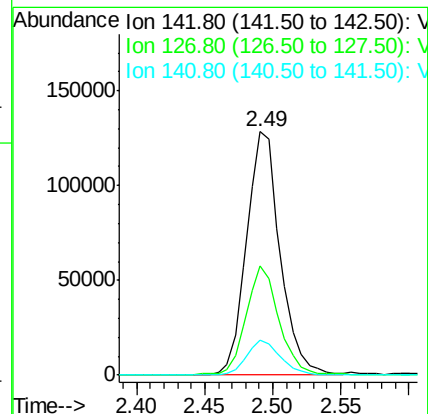
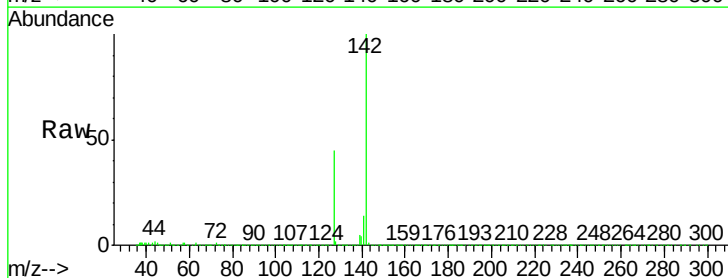
RT: 2.49 min Scan# 263

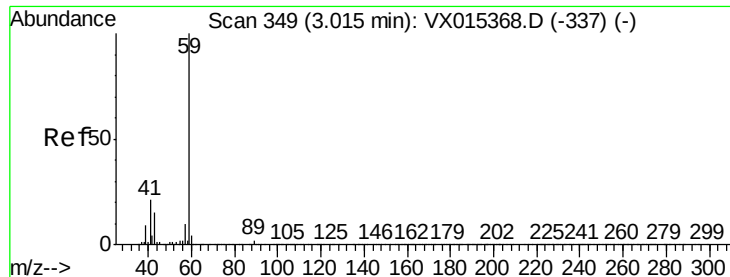
Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion:	142	Resp:	221986
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.9	53.9
141	14.8	11.6	17.4





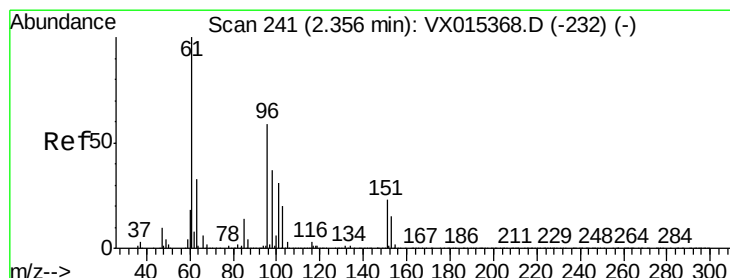
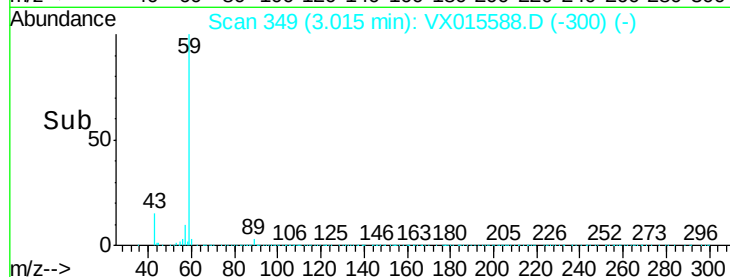
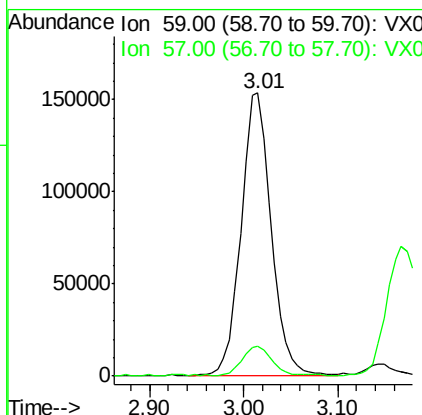
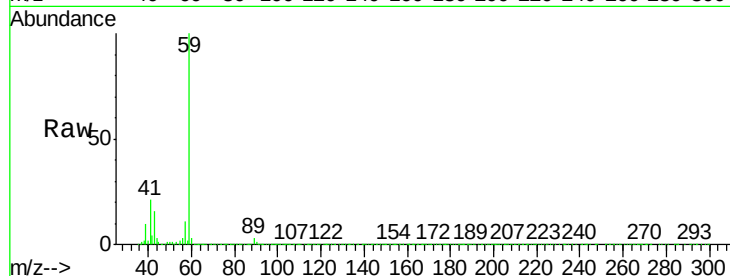
#11
Tert butyl alcohol
Concen: 91.585 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampled :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

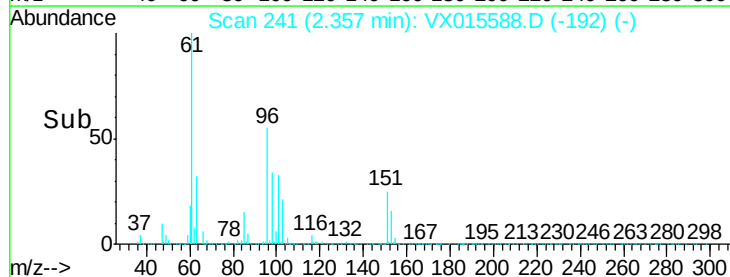
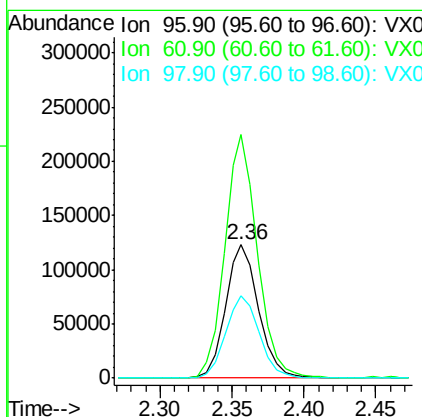
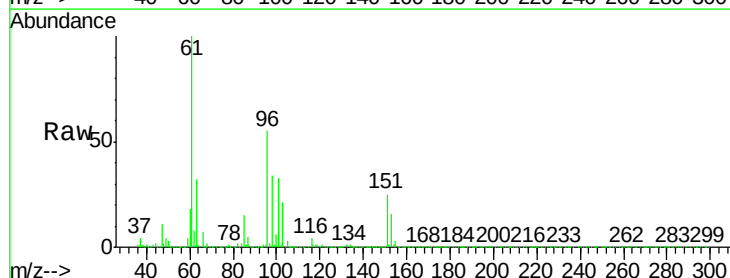
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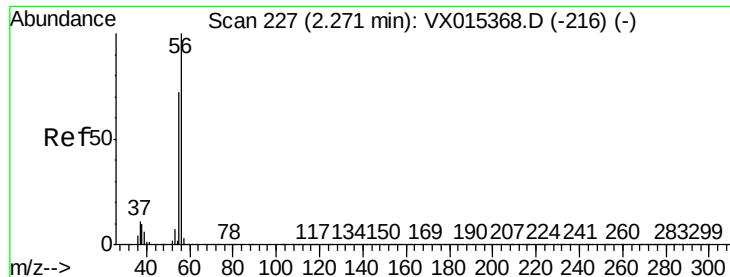
sam
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#12
1,1-Dichloroethene
Concen: 18.430 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.8	135.7	203.5
98	61.9	50.6	75.8





#13

Acrolein

Concen: 73.322 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 56 Resp: 157509

Ion Ratio Lower Upper

56 100

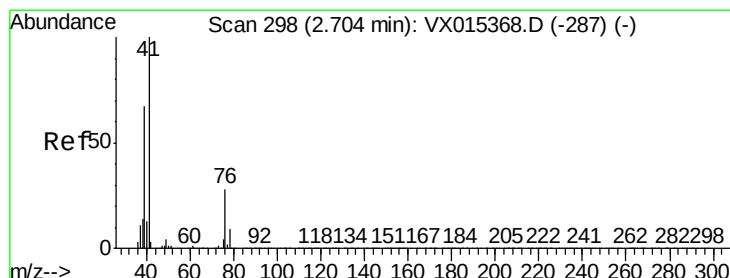
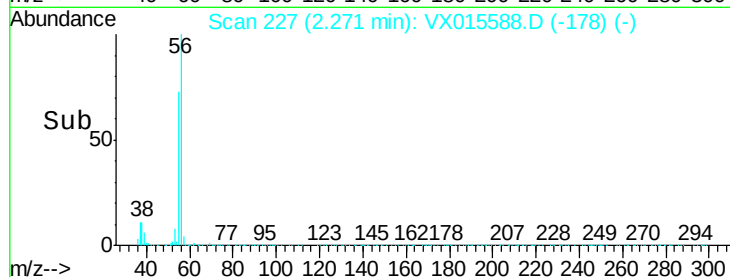
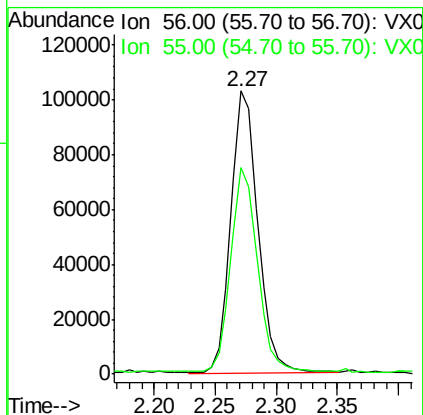
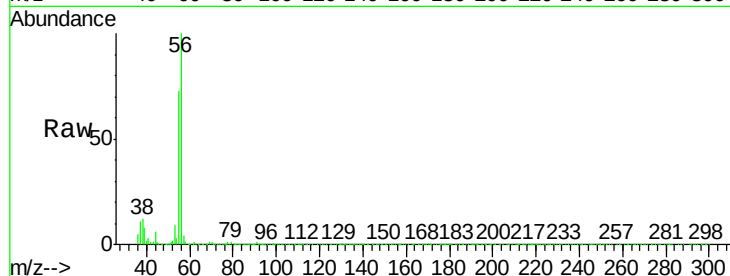
55 70.8 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 17.826 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

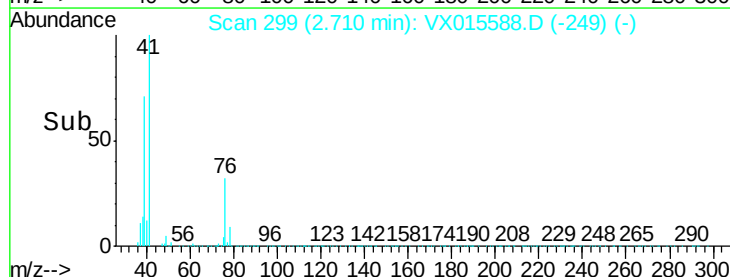
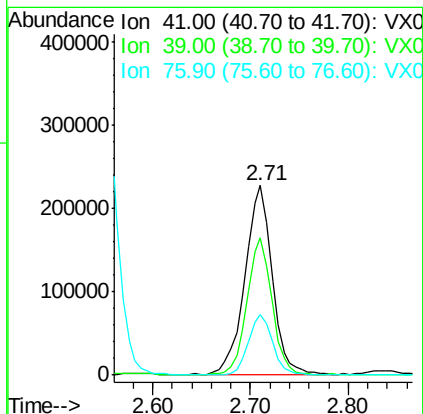
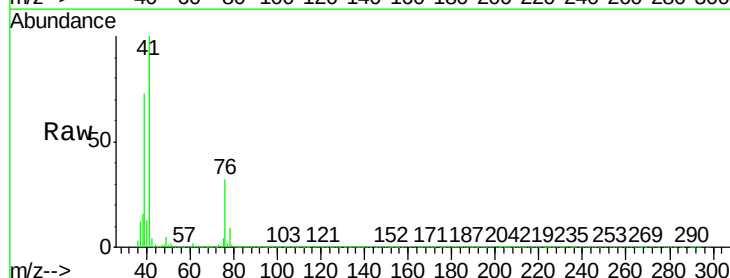
Tgt Ion: 41 Resp: 439269

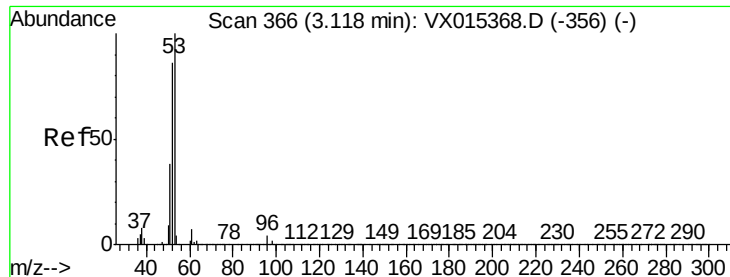
Ion Ratio Lower Upper

41 100

39 65.7 51.4 77.0

76 28.1 21.8 32.8





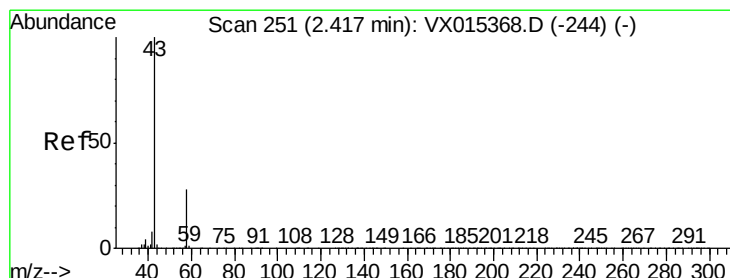
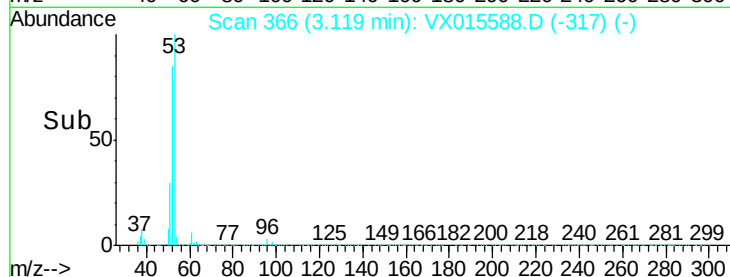
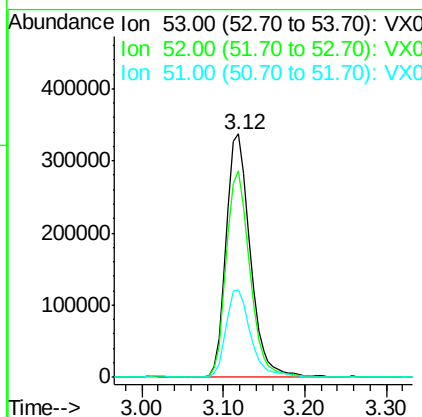
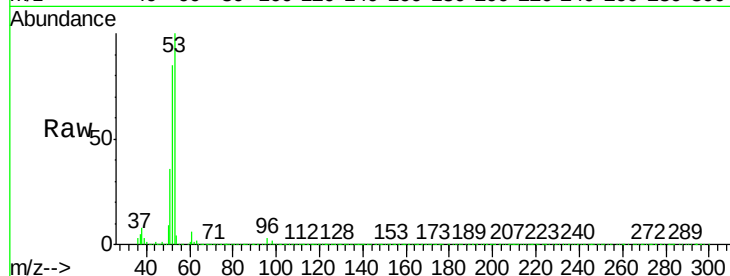
#15
 Acrylonitrile
 Concen: 95.472 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion:	53	Resp:	686607
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.8	100.2
51	36.3	29.5	44.3

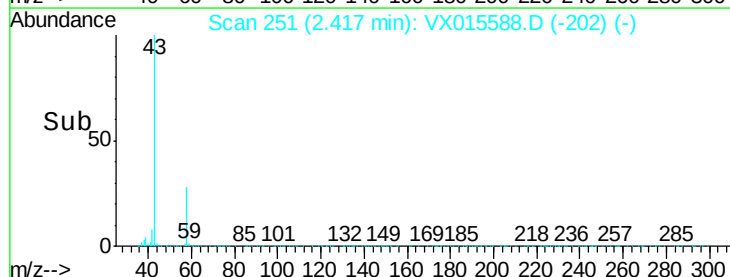
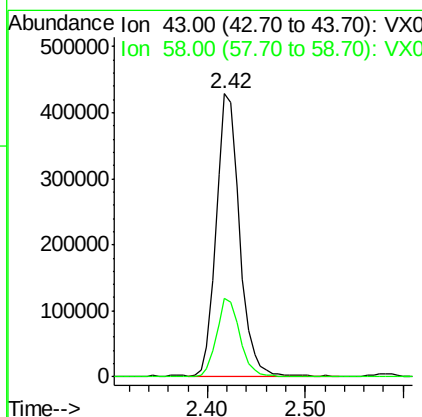
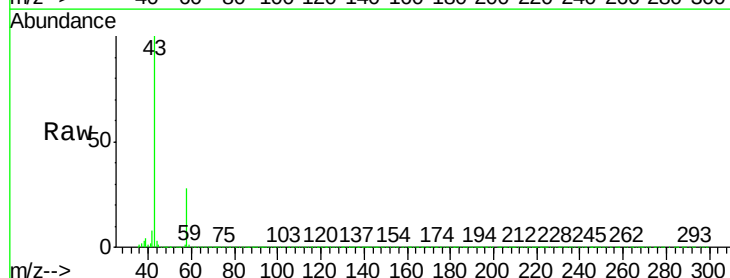
Manual Integrations
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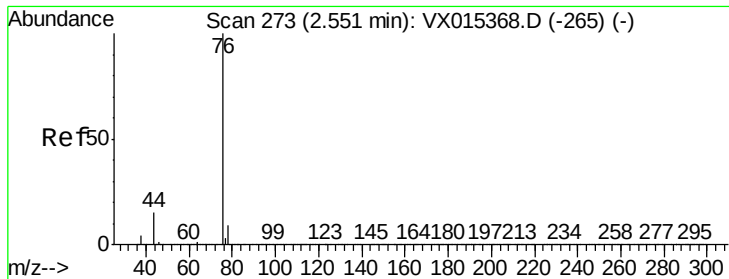
sam
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#16
 Acetone
 Concen: 103.591 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion:	43	Resp:	701183
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1





#17

Carbon Disulfide

Concen: 16.996 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 76 Resp: 546815

Ion Ratio Lower Upper

76 100

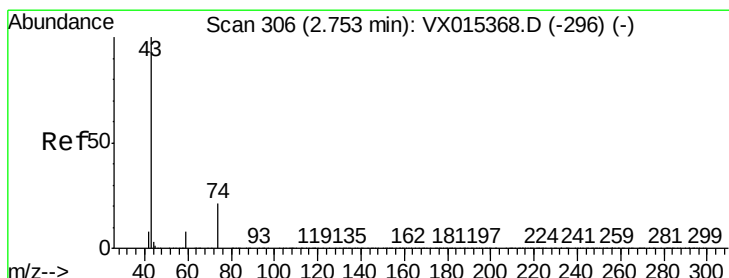
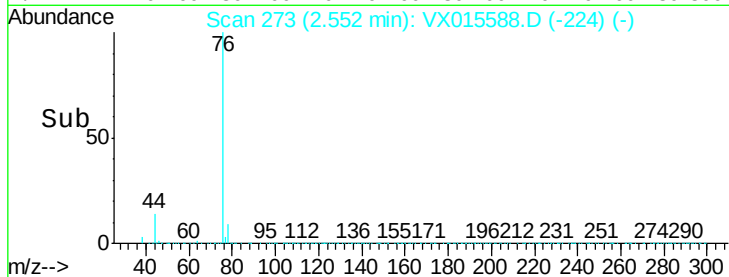
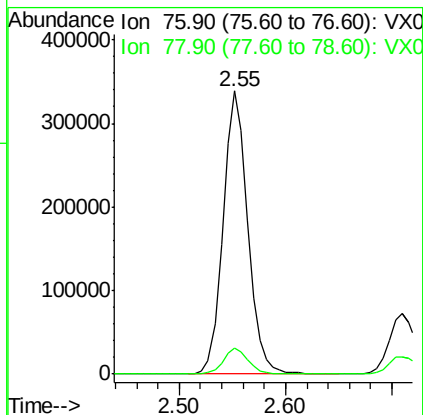
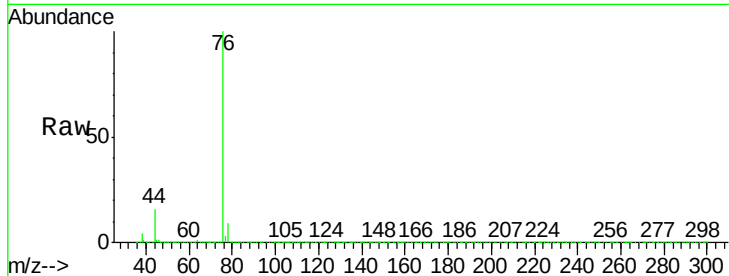
78 9.2 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 19.196 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015588.D

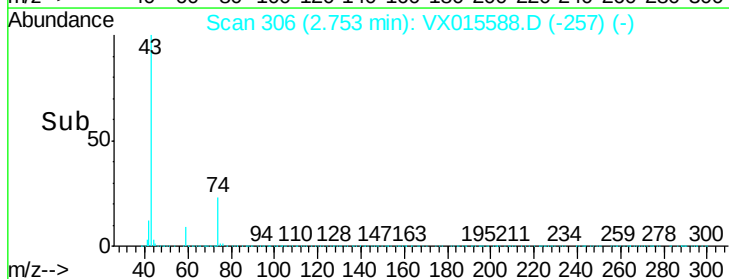
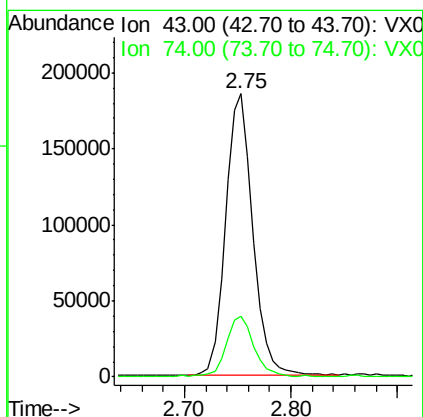
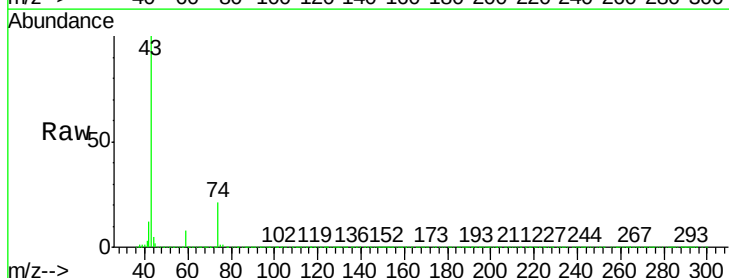
Acq: 09 Apr 2020 11:59

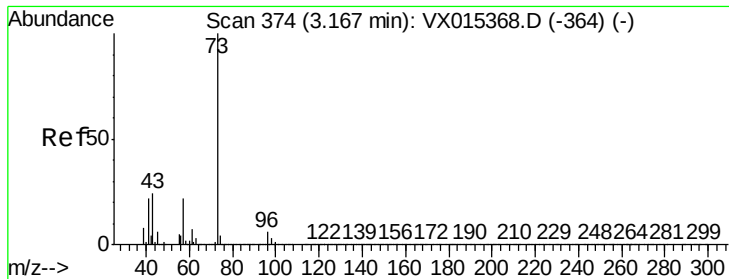
Tgt Ion: 43 Resp: 331634

Ion Ratio Lower Upper

43 100

74 22.4 16.5 24.7





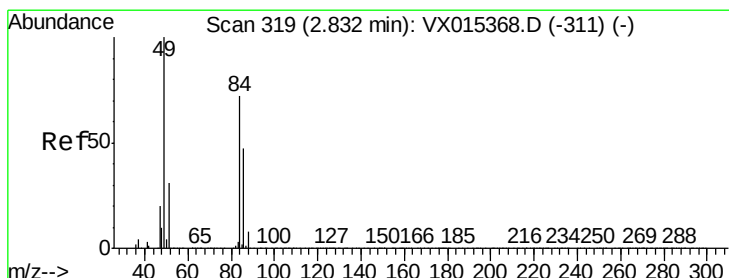
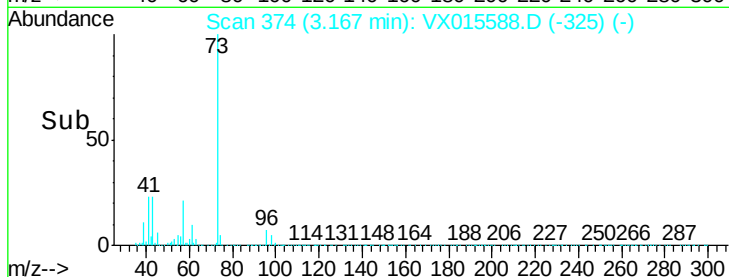
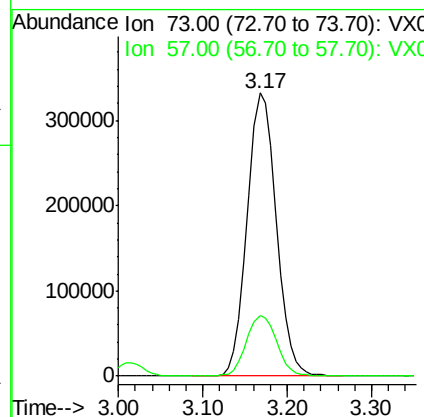
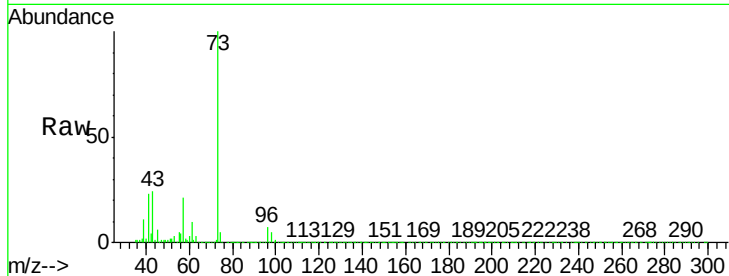
#19
Methyl tert-butyl Ether
Concen: 18.947 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.9	26.9

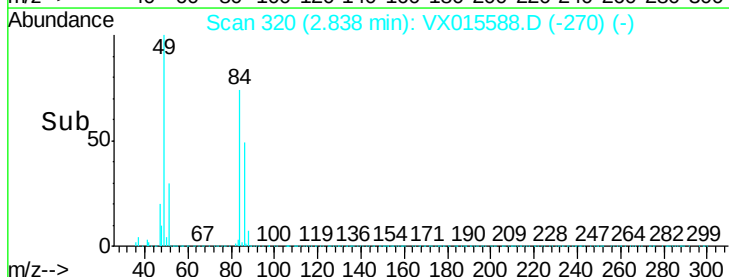
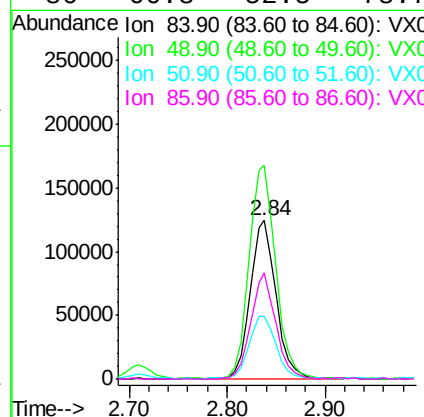
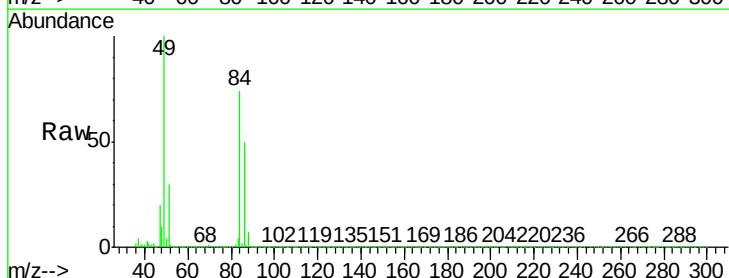
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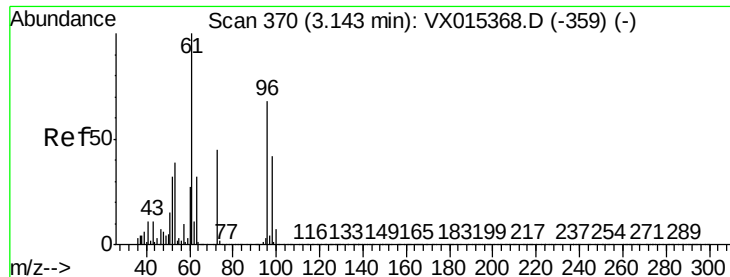
sam
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#20
Methylene Chloride
Concen: 17.831 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.3	111.3	166.9
51	39.8	34.0	51.0
86	66.8	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.600 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

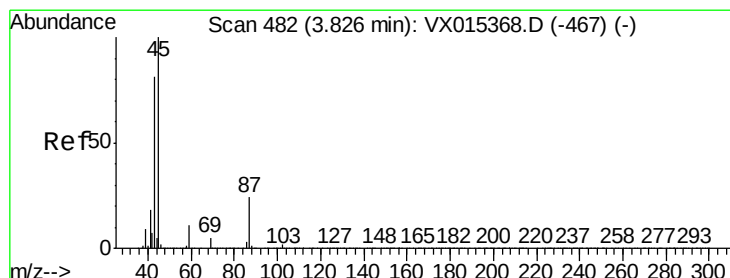
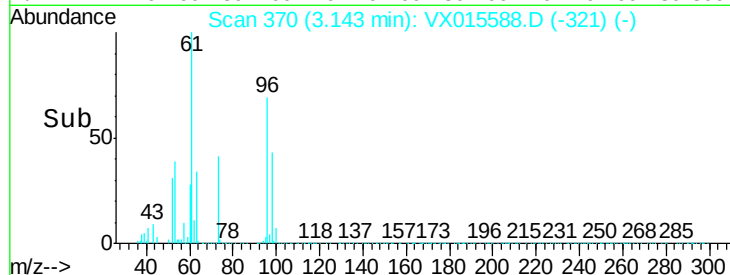
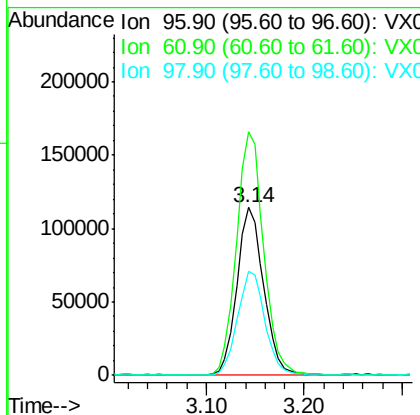
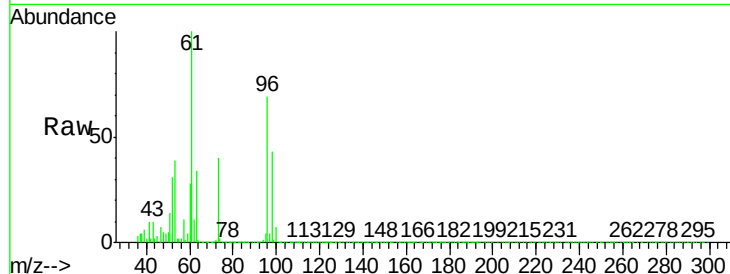
ClientSampleId :

VX0409WBS01

Tot Ion:	96	Resp:	217703
Ion	Ratio	Lower	Upper
96	100		
61	145.4	116.9	175.3
98	62.0	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.048 ug/l

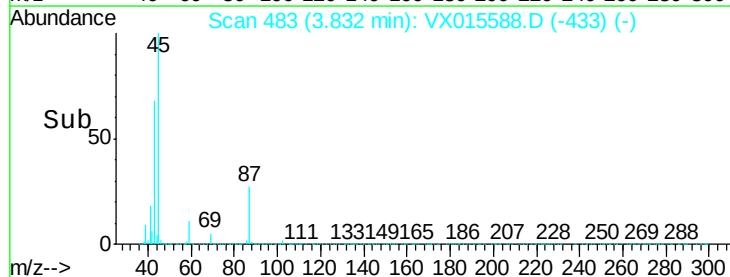
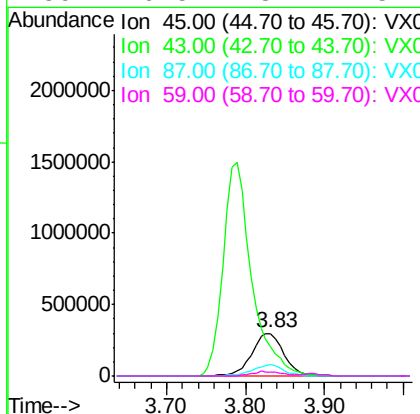
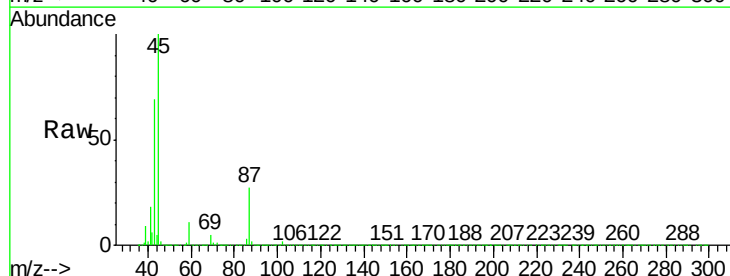
RT: 3.83 min Scan# 483

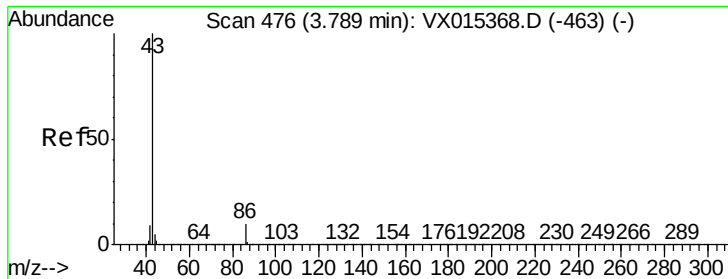
Delta R.T. 0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion:	45	Resp:	831751
Ion	Ratio	Lower	Upper
45	100		
43	68.5	64.7	97.1
87	26.7	19.4	29.0
59	10.5	8.7	13.1





#23

Vinyl Acetate

Concen: 95.907 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 43 Resp: 3791772

Ion Ratio Lower Upper

43 100

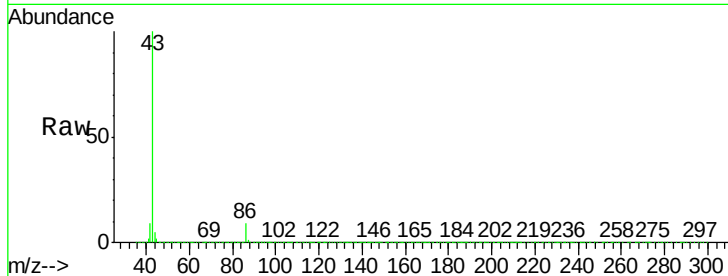
86 9.1 7.8 11.6

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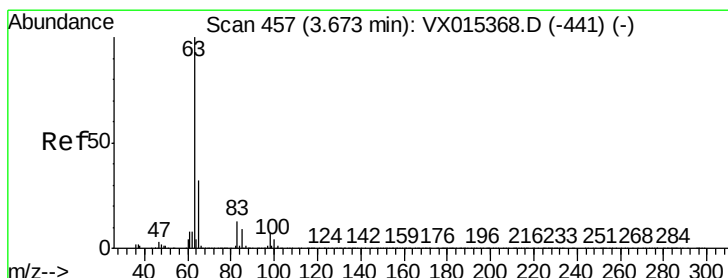
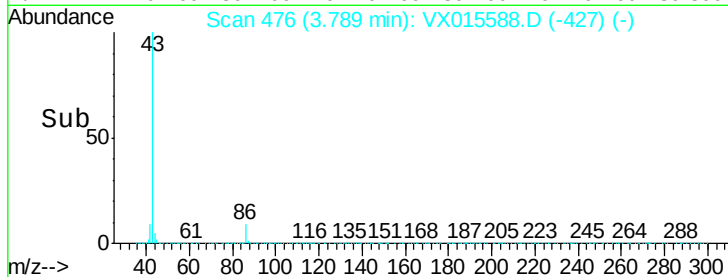
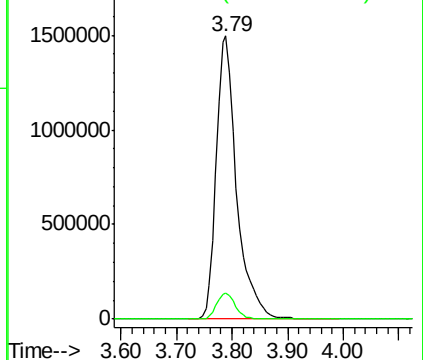
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.234 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

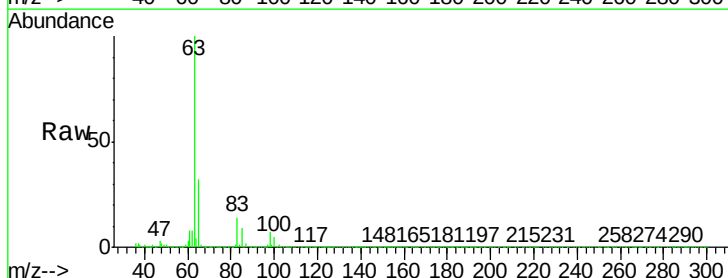
Tgt Ion: 63 Resp: 419228

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

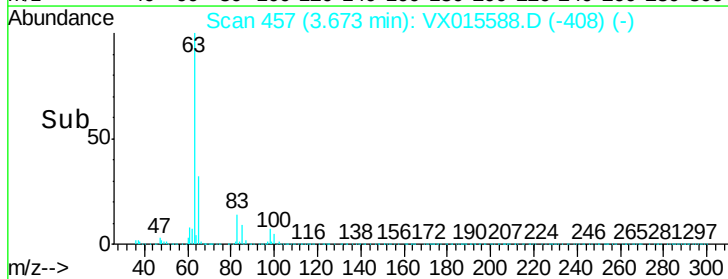
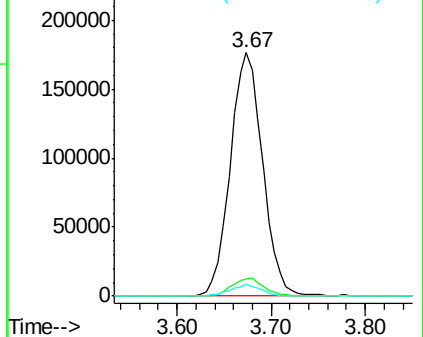
100 4.6 2.1 6.5

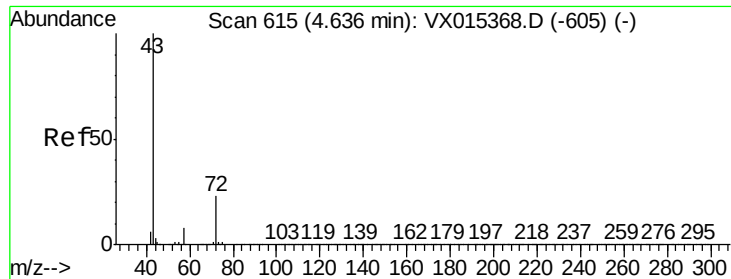


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.514 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tot Ion: 43 Resp: 1028841

Ion Ratio Lower Upper

43 100

72 21.9 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

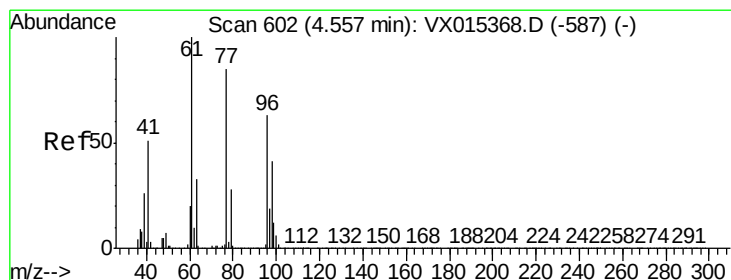
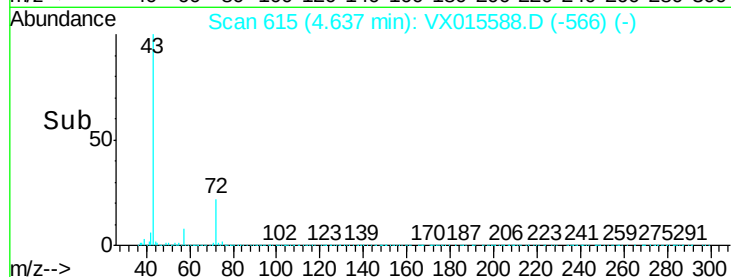
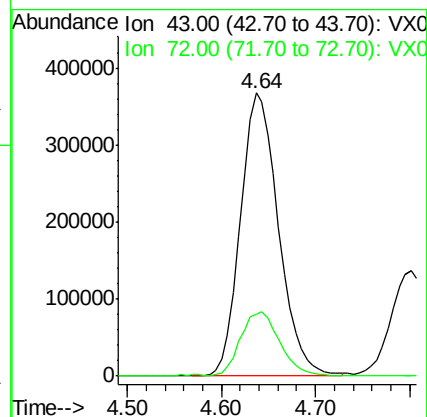
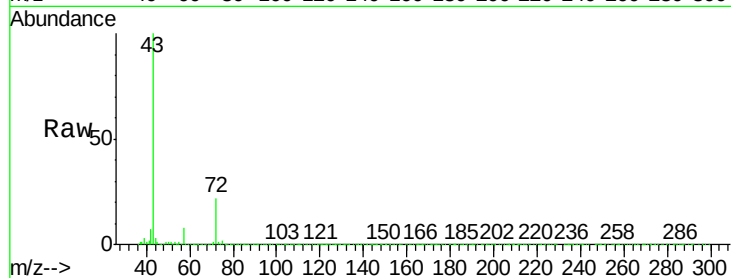
VX0409WBS01

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#26

2,2-Dichloropropane

Concen: 20.267 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015588.D

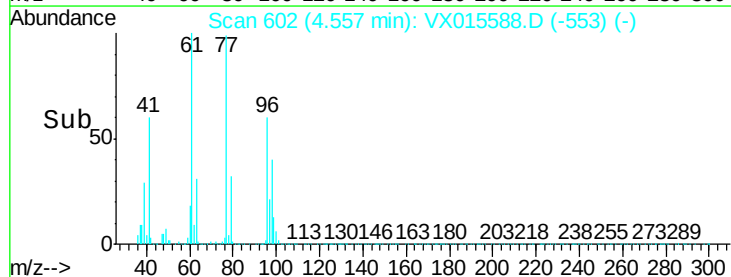
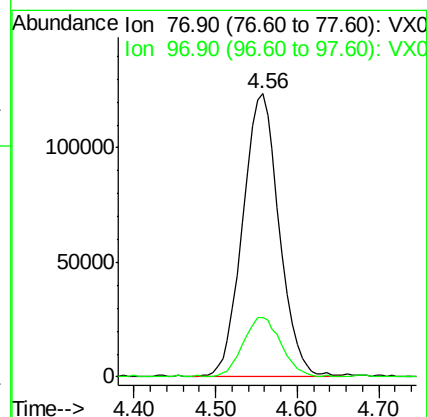
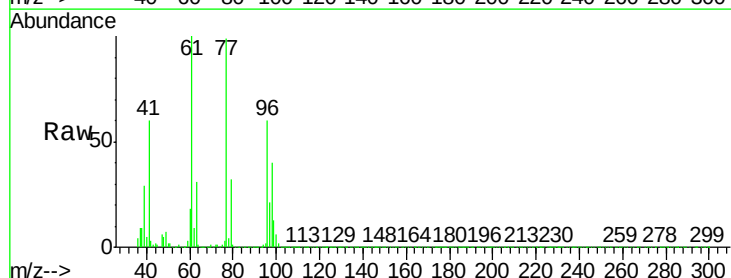
Acq: 09 Apr 2020 11:59

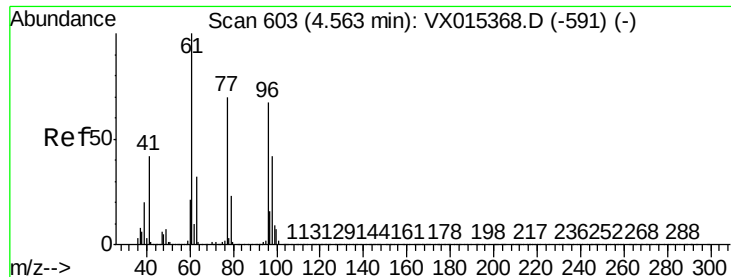
Tgt Ion: 77 Resp: 382474

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

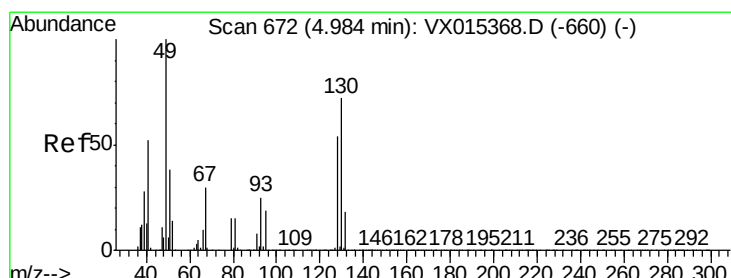
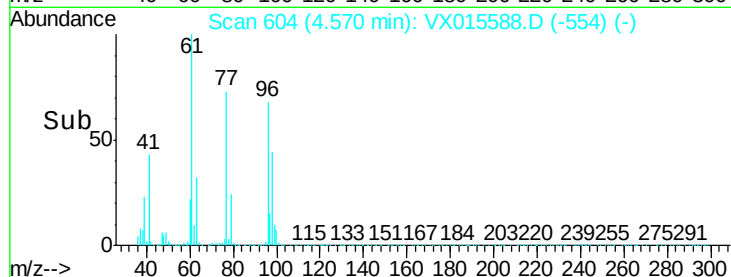
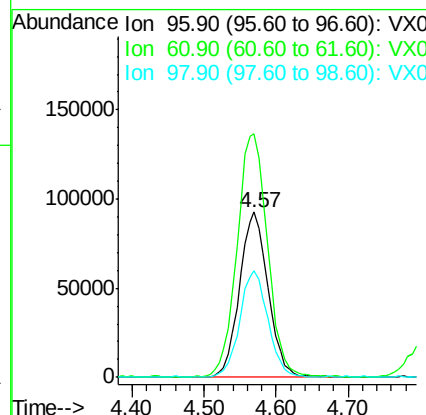
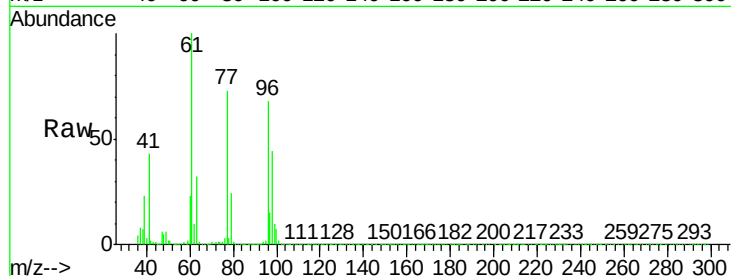
cis-1,2-Dichloroethene
Concen: 18.672 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.2	0.0	308.4	
98	63.7	0.0	129.2	

Manual Integrations
APPROVED

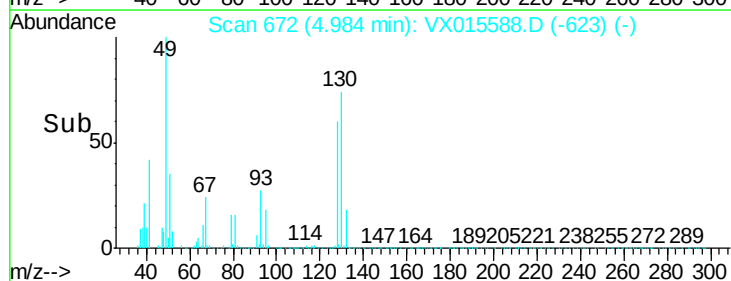
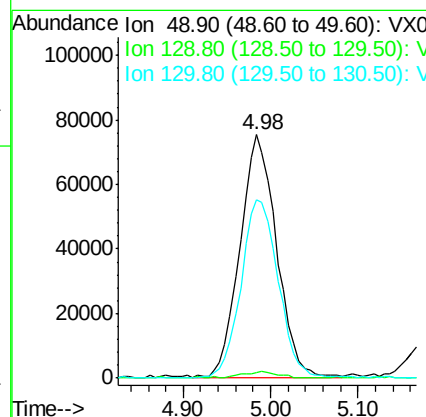
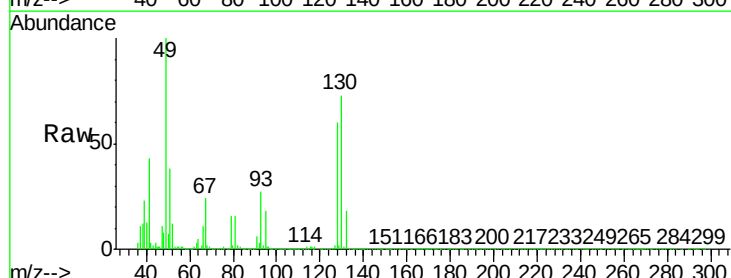
sam
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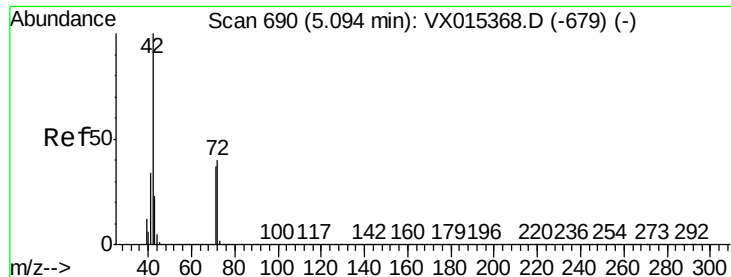


#28

Bromochloromethane
Concen: 20.086 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.4	
130	74.2	57.7	86.5	





#29

Tetrahydrofuran

Concen: 92.184 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

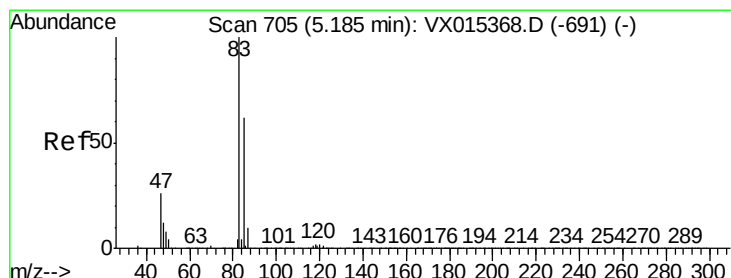
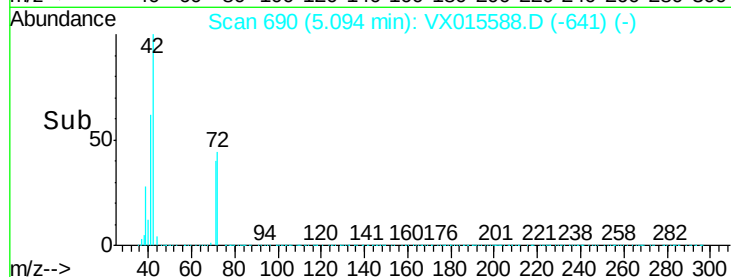
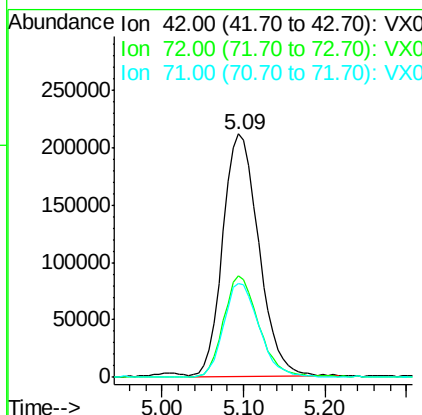
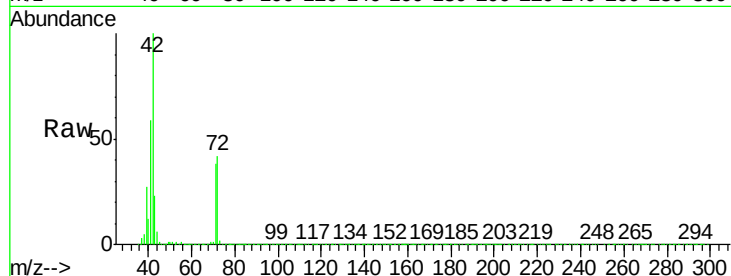
ClientSampleId :

VX0409WBS01

Tot Ion:	42	Resp:	645110
Ion Ratio		Lower	Upper
42	100		
72	40.8	31.7	47.5
71	37.9	29.6	44.4

Manual Integrations
APPROVED

sam
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#30

Chloroform

Concen: 19.058 ug/l

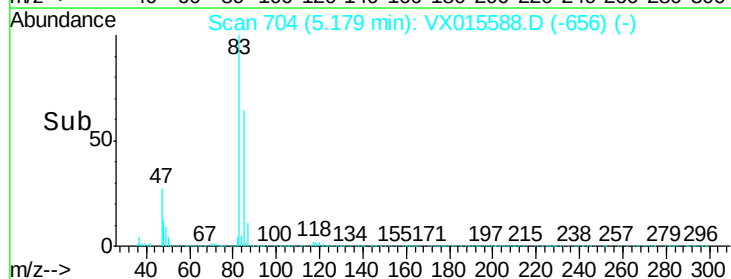
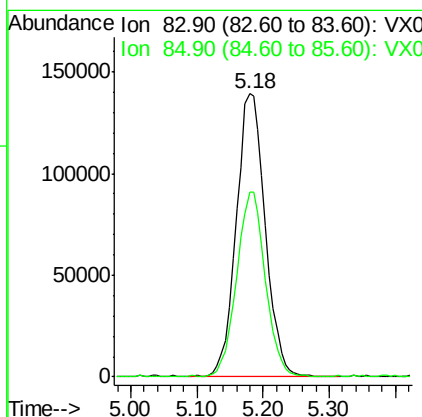
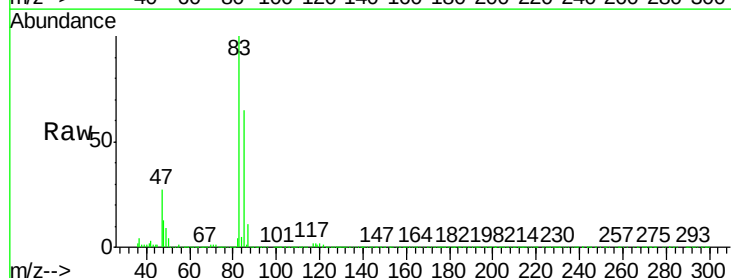
RT: 5.18 min Scan# 704

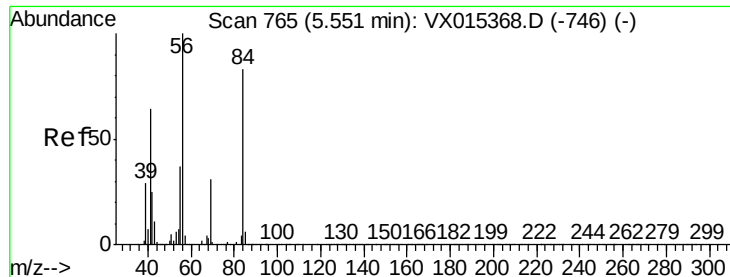
Delta R.T. -0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion:	83	Resp:	421554
Ion Ratio		Lower	Upper
83	100		
85	65.2	49.5	74.3





#31

Cyclohexane

Concen: 18.922 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

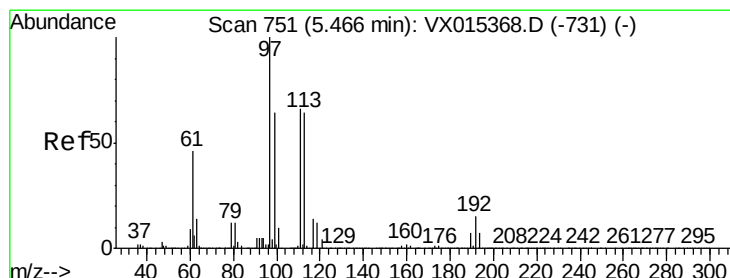
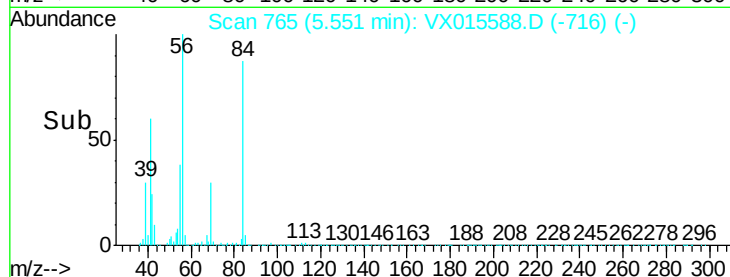
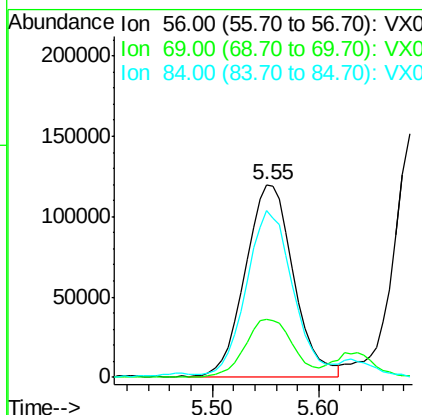
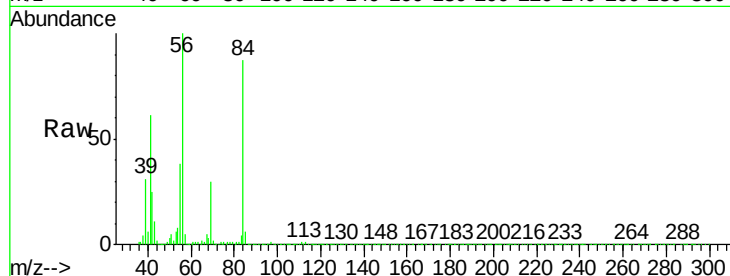
ClientSampleId :

VX0409WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		377389		
69	30.3	24.6	36.8		
84	85.3	66.1	99.1		

Manual Integrations
APPROVED

sam
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#32

1,1,1-Trichloroethane

Concen: 18.983 ug/l

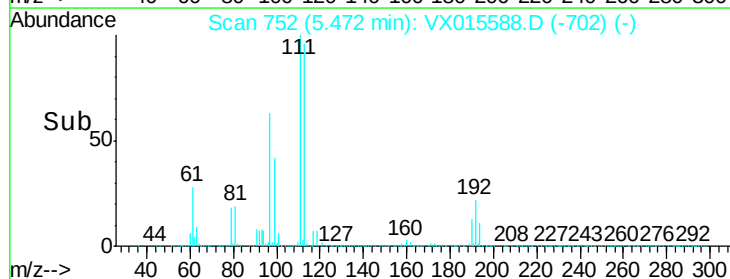
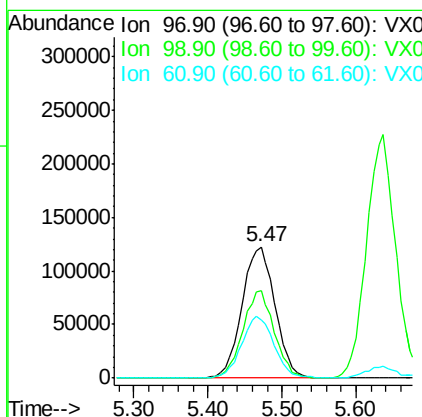
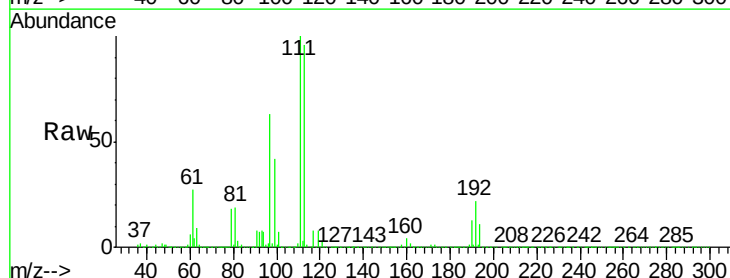
RT: 5.47 min Scan# 752

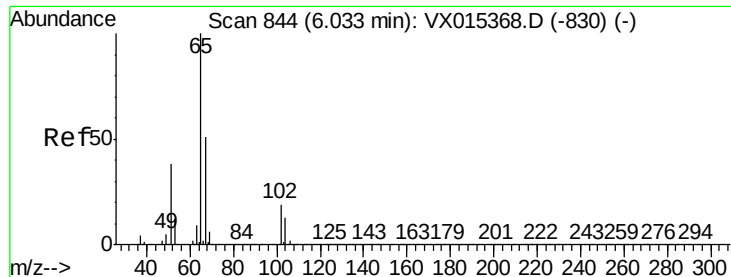
Delta R.T. 0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		380006		
99	63.3	51.0	76.4		
61	45.7	36.1	54.1		





#33

1,2-Dichloroethane-d4

Concen: 47.179 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 65 Resp: 743313

Ion Ratio Lower Upper

65 100

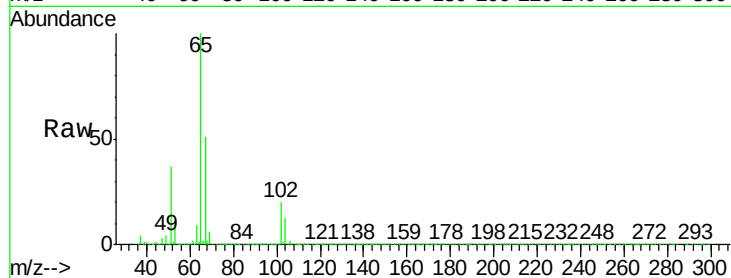
67 50.4 0.0 102.6

Manual Integrations

APPROVED

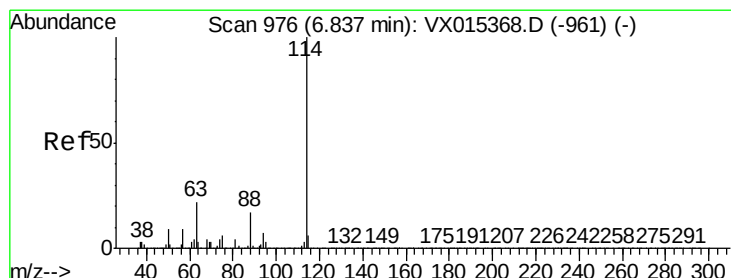
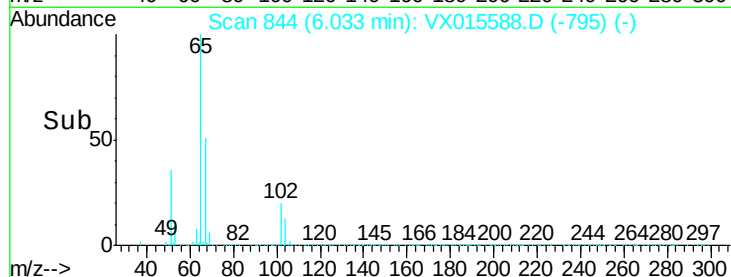
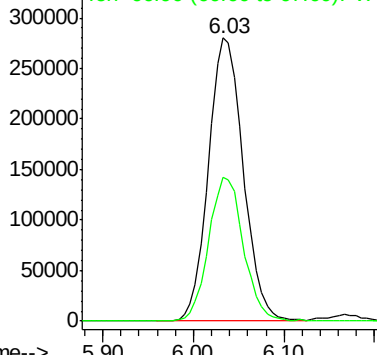
sam

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

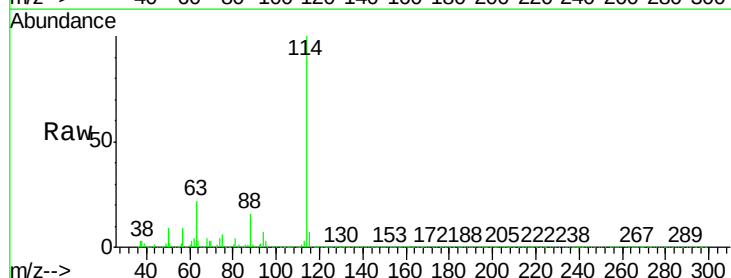
Tgt Ion: 114 Resp: 1672792

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

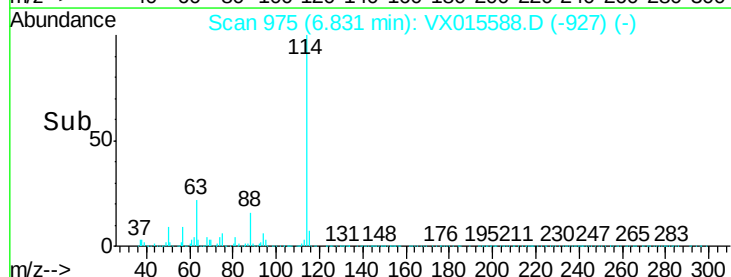
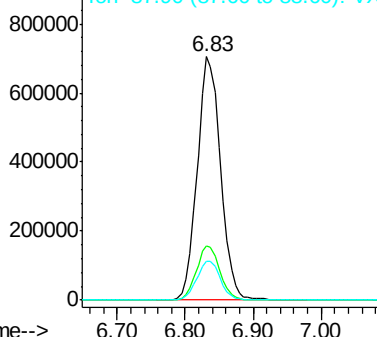
88 16.0 0.0 33.8

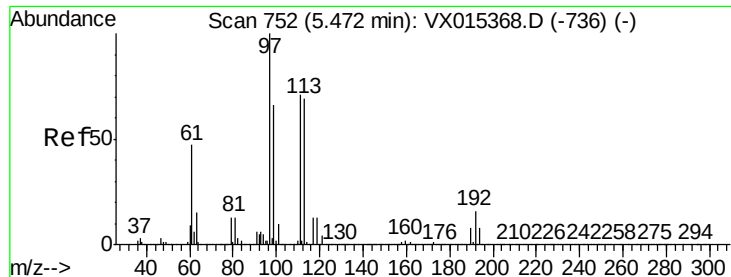


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





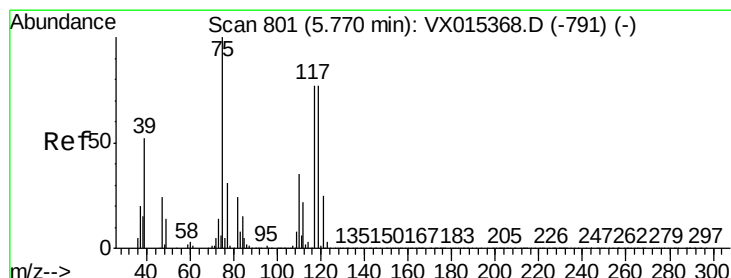
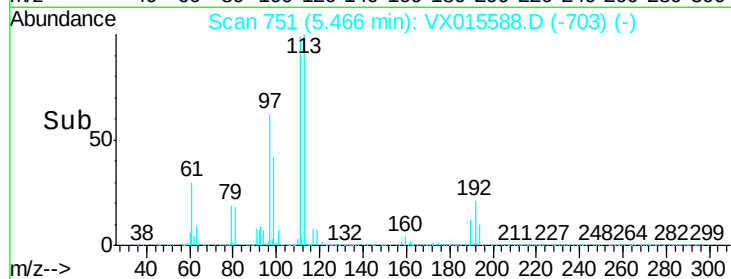
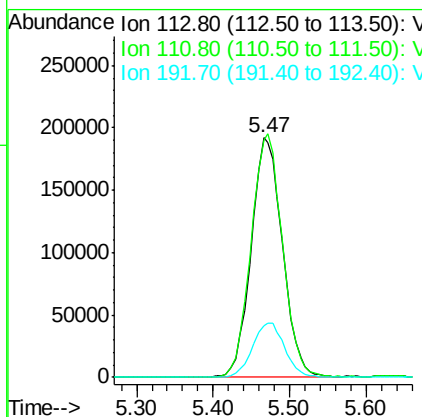
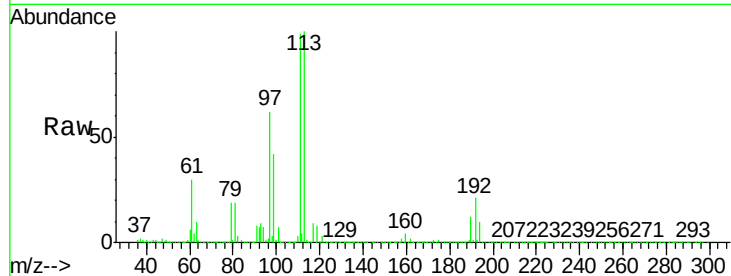
#35
Dibromofluoromethane
Concen: 51.072 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	546115		
111	102.0	81.5	122.3	
192	23.3	17.8	26.6	

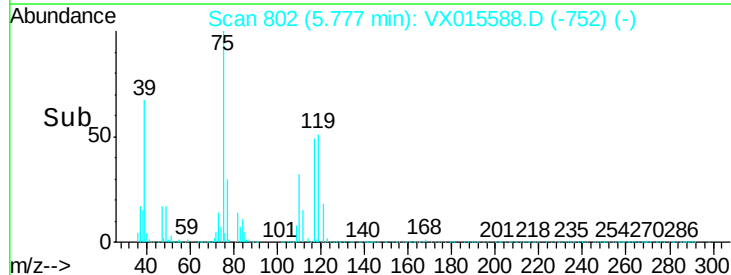
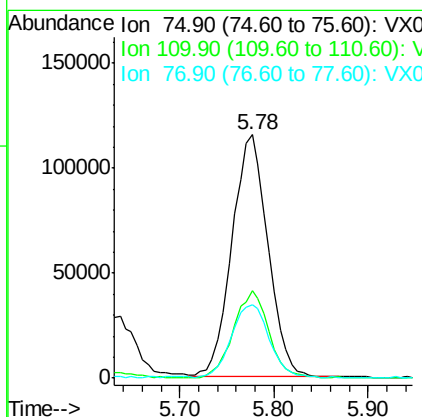
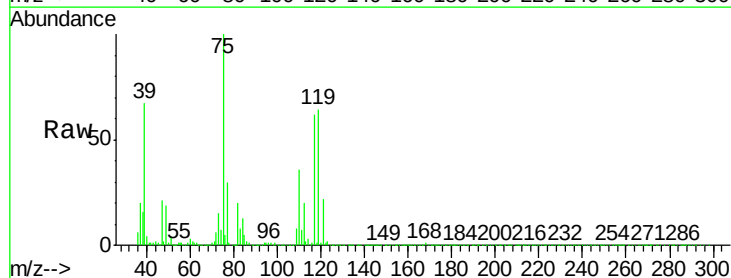
Manual Integrations
APPROVED

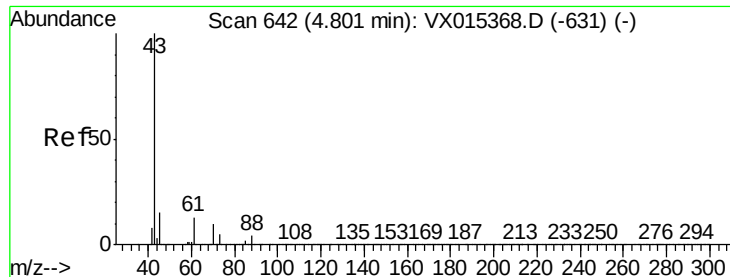
sam
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#36
1,1-Dichloropropene
Concen: 20.015 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	308493		
110	35.1	17.1	51.3	
77	31.4	24.6	36.8	





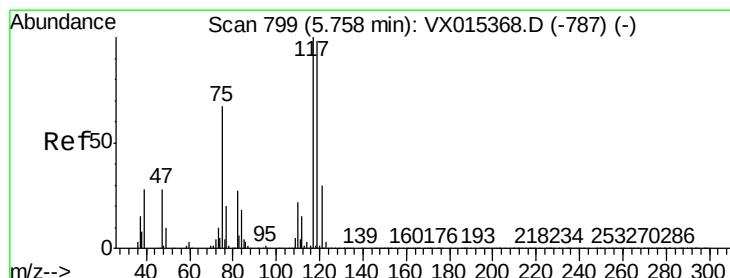
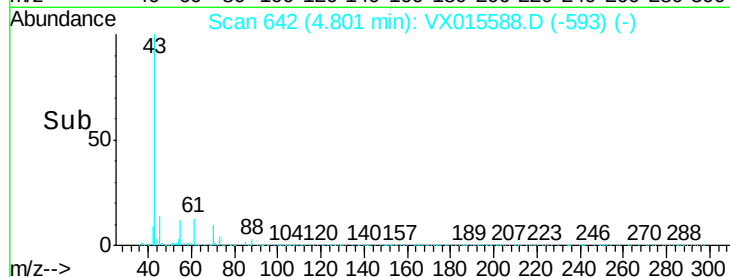
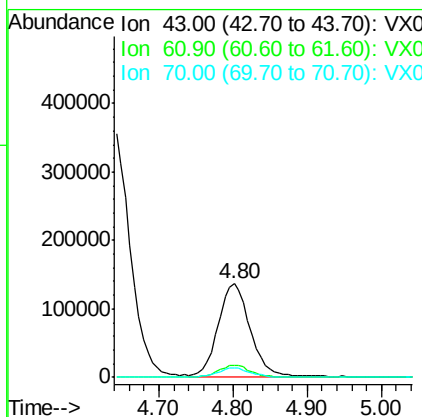
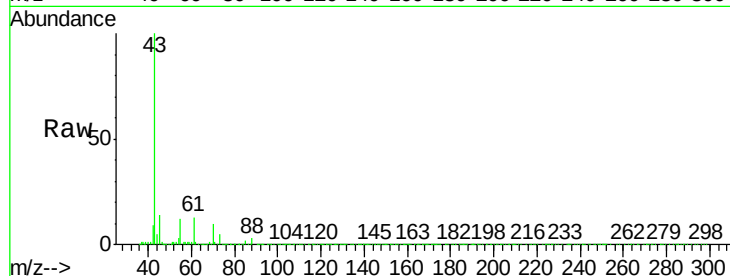
#37
Ethyl Acetate
Concen: 20.049 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	9.8	8.1	12.1

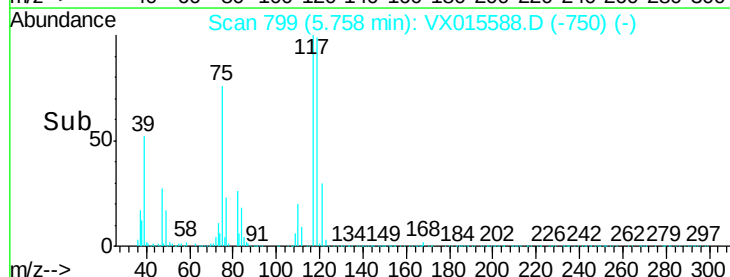
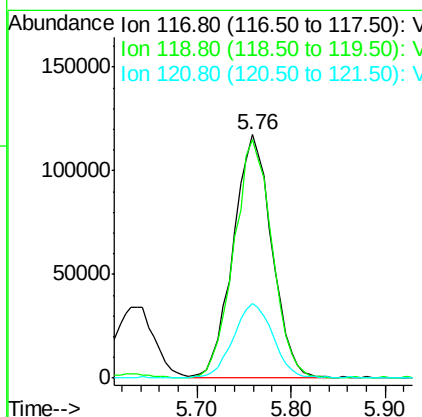
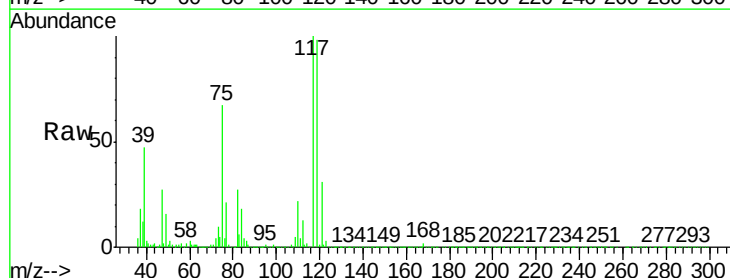
Manual Integrations
APPROVED

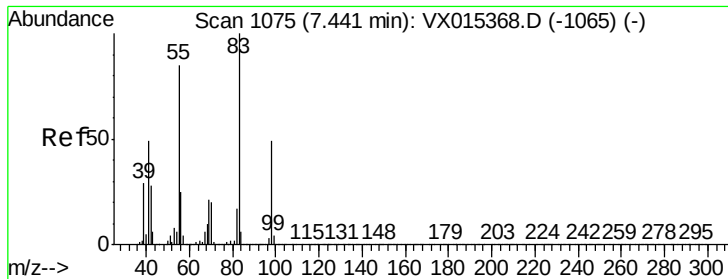
sam
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#38
Carbon Tetrachloride
Concen: 19.983 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.0	117.0
121	30.6	23.8	35.8





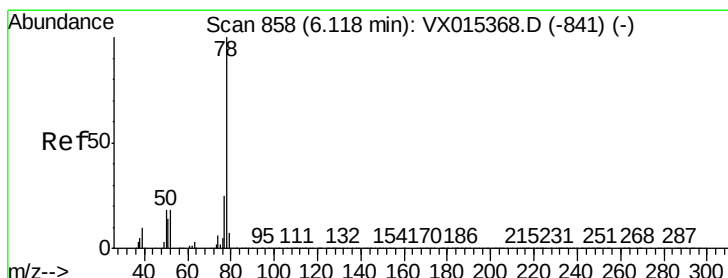
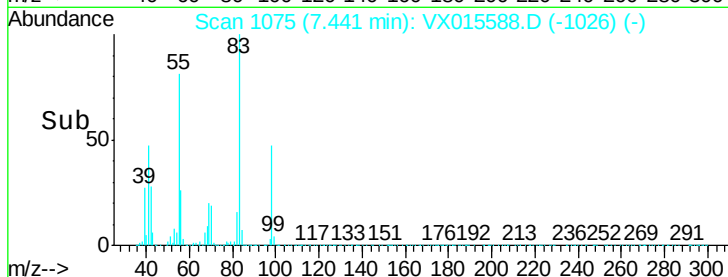
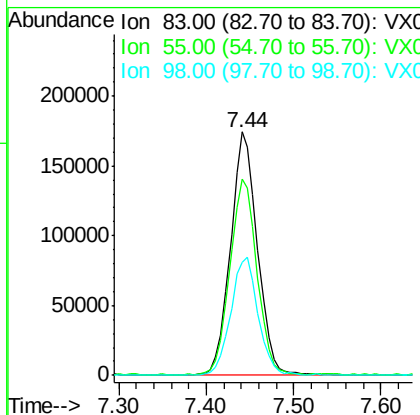
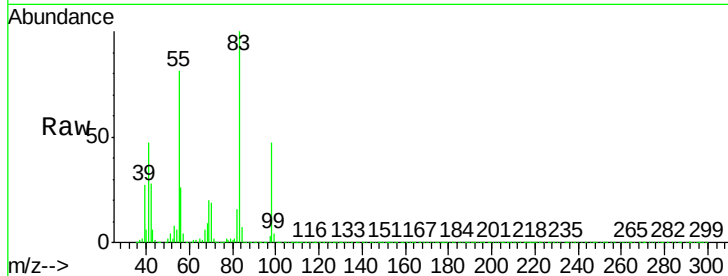
#39
Methylvlcyclohexane
Concen: 20.886 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	83	Resp	371172
Ion Ratio	100	Lower	Upper
83	100		
55	80.3	67.8	101.6
98	46.6	39.3	58.9

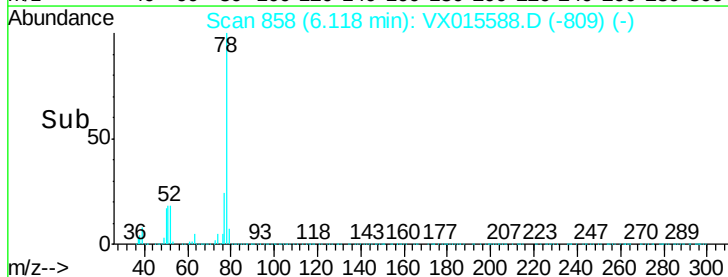
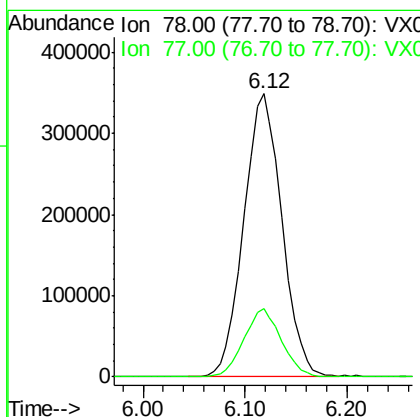
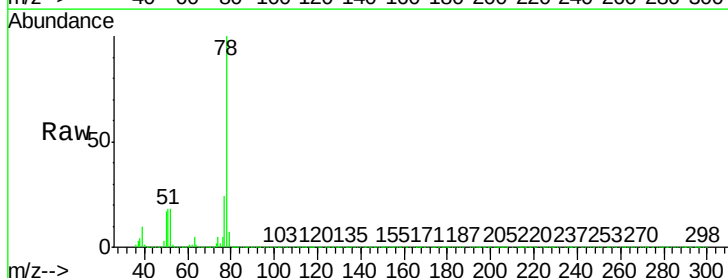
Manual Integrations
APPROVED

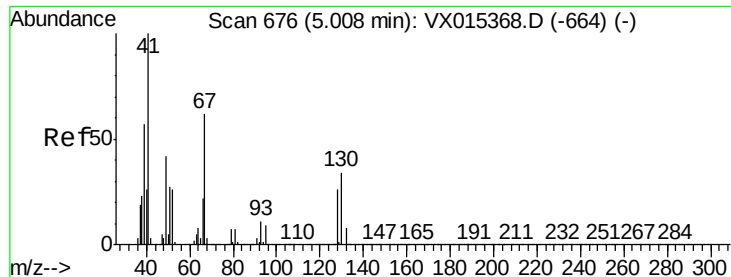
sam
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#40
Benzene
Concen: 20.058 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	78	Resp	905604
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	19.8	29.8





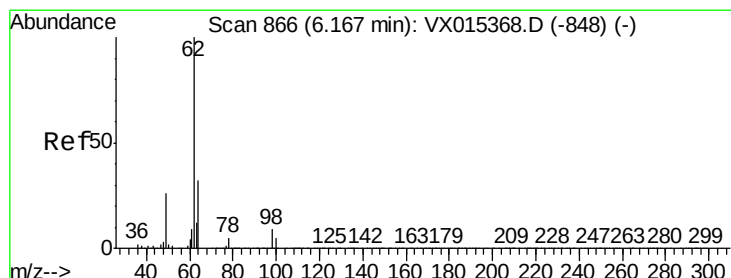
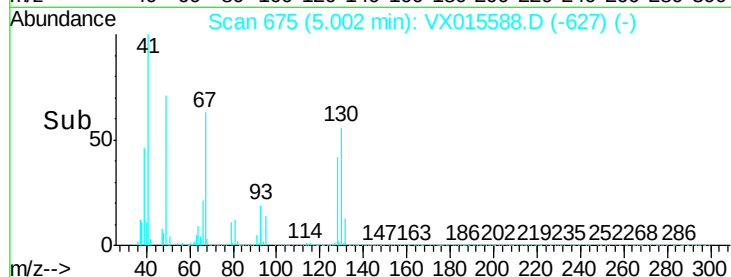
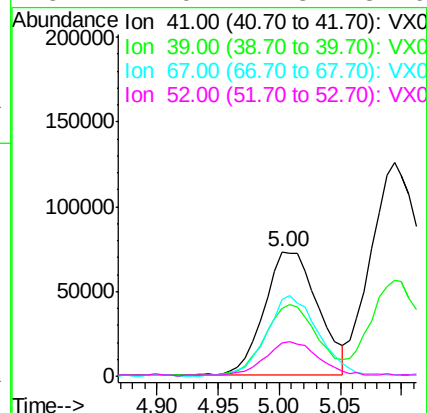
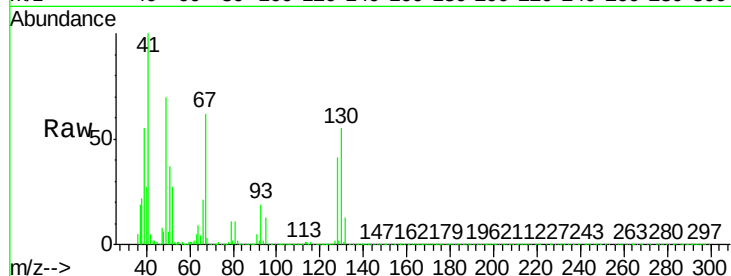
#41
Methacrylonitrile
Concen: 20.072 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	62.1	48.9	73.3
52	27.0	21.8	32.6

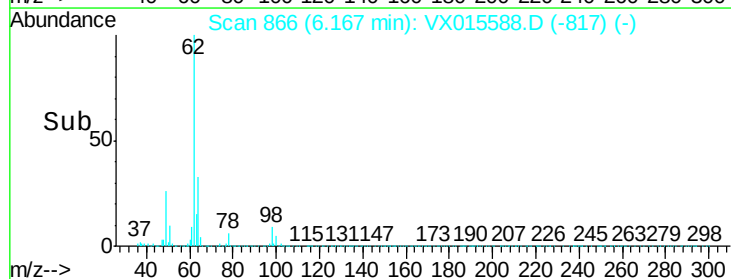
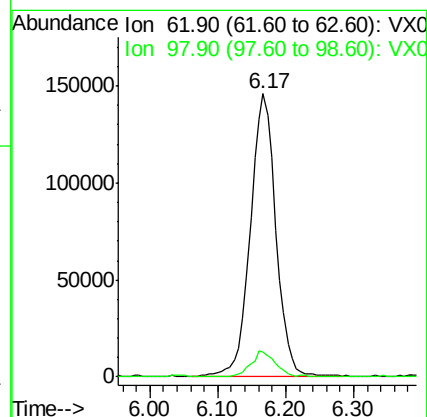
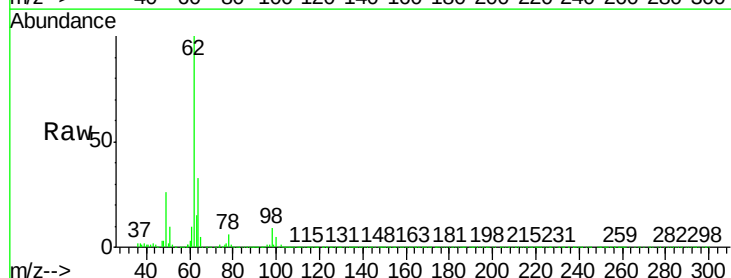
Manual Integrations
APPROVED

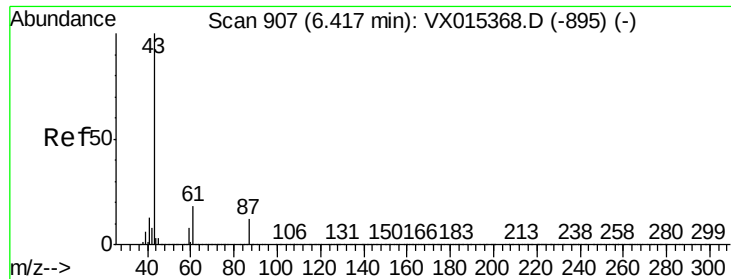
sam
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#42
1,2-Dichloroethane
Concen: 21.133 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





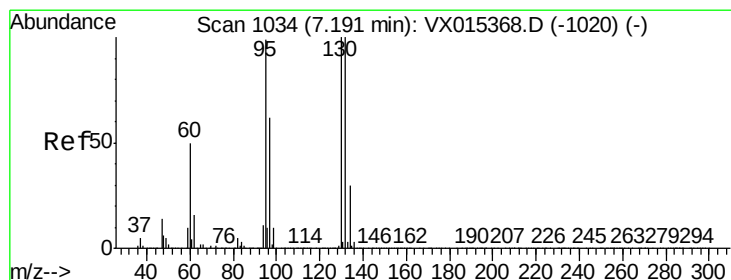
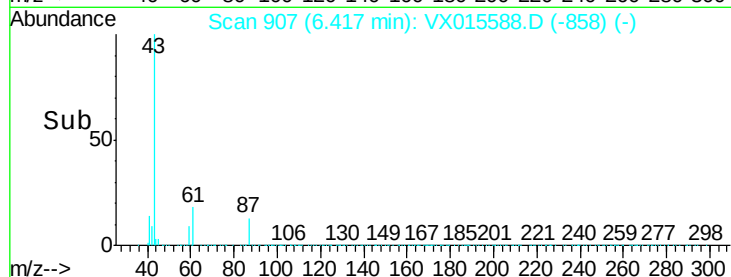
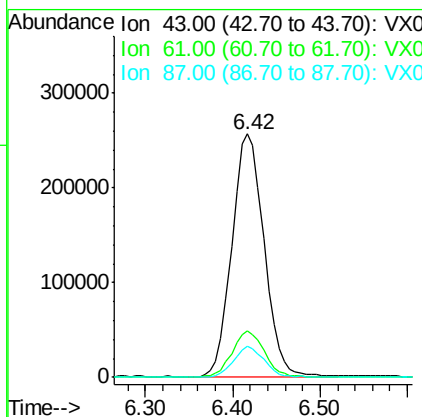
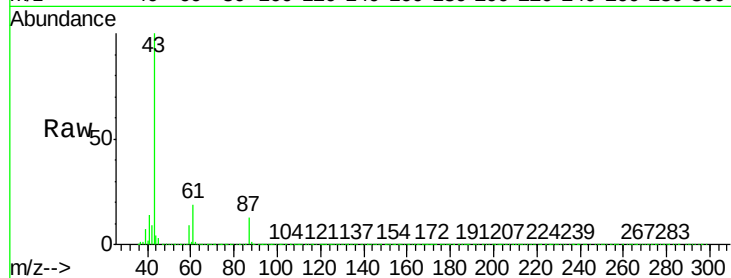
#43
Isopropyl Acetate
Concen: 19.333 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	43	Resp	654975
Ion Ratio	100	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	12.1	9.4	14.0

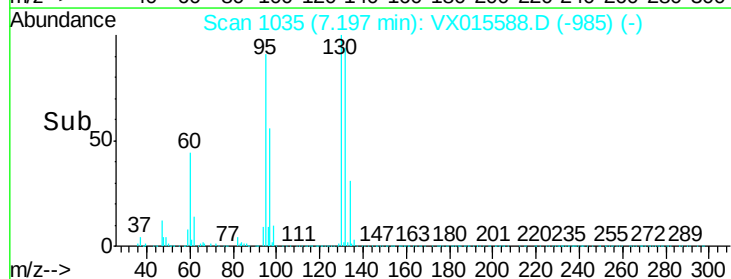
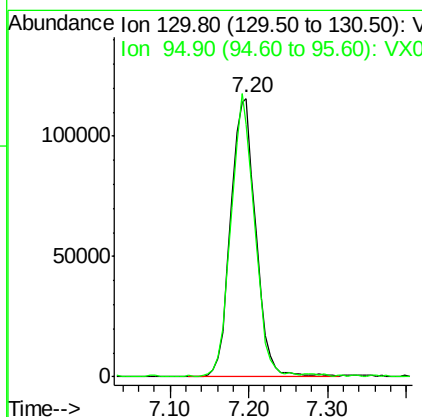
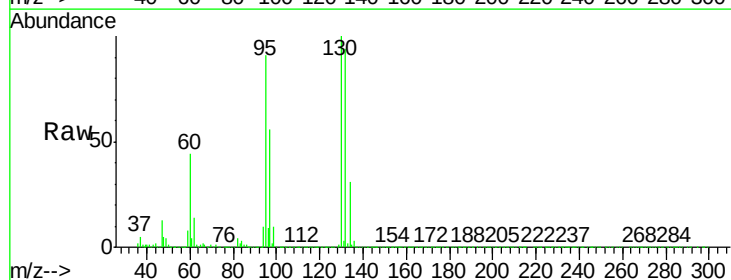
Manual Integrations
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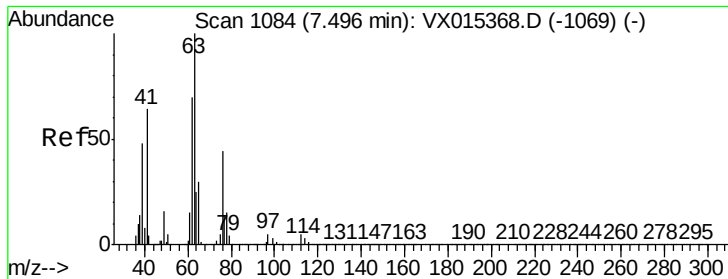
sam
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#44
Trichloroethene
Concen: 20.793 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	130	Resp	256024
Ion Ratio	100	Lower	Upper
130	100		
95	90.4	0.0	199.0





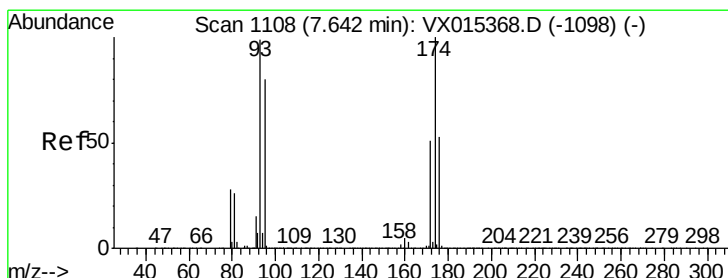
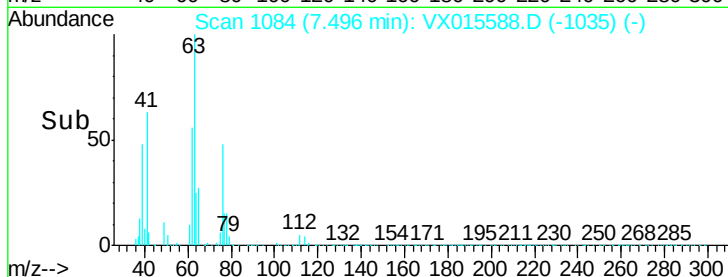
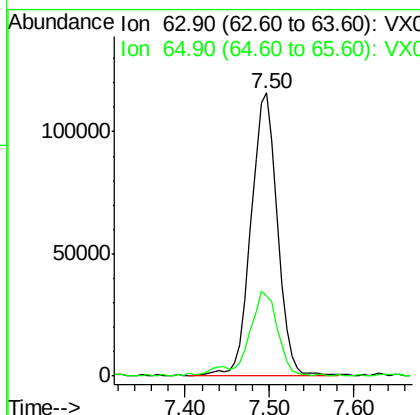
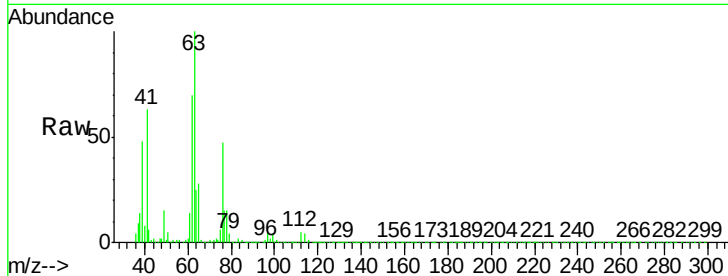
#45
 1,2-Dichloropropane
 Concen: 19.740 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.0	23.9	35.9

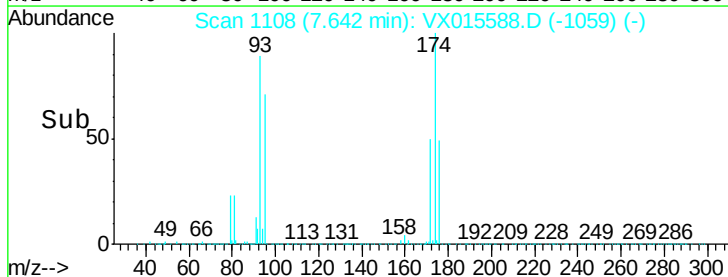
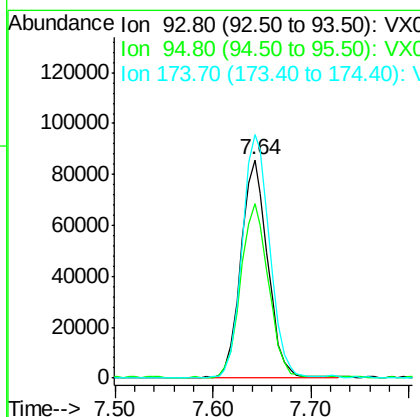
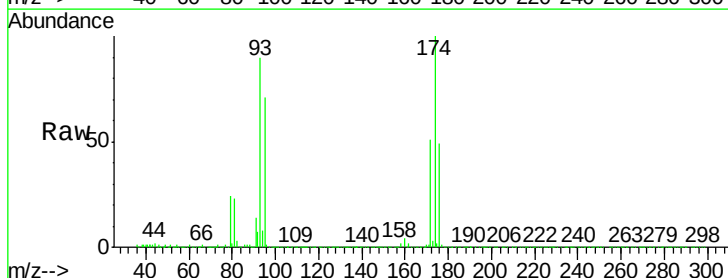
Manual Integrations
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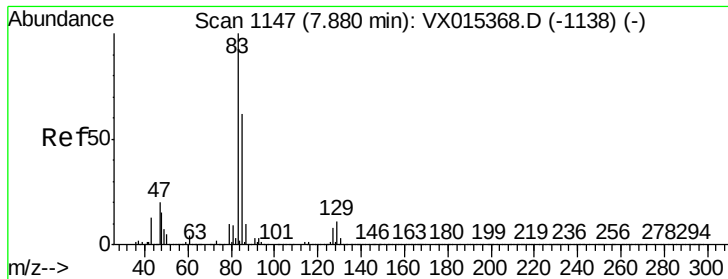
sam
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#46
 Dibromomethane
 Concen: 19.928 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	114.8	86.2	129.2





#47

Bromodichloromethane

Concen: 19.655 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

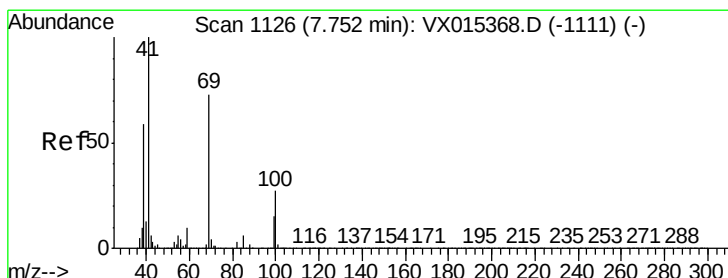
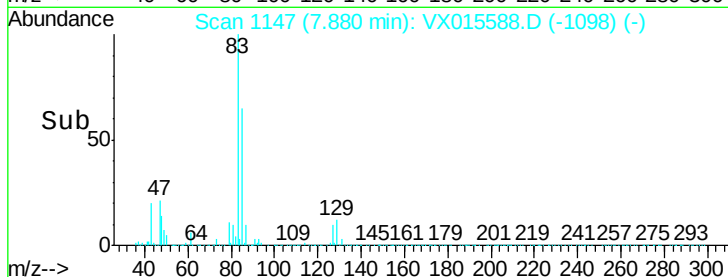
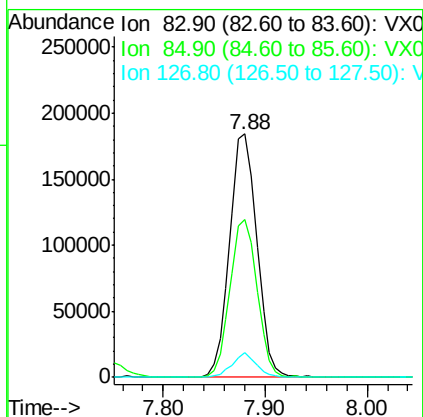
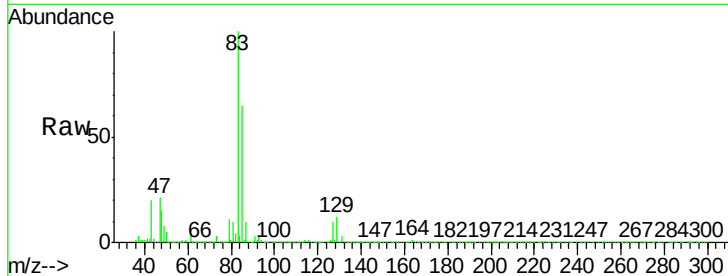
ClientSampleId :

VX0409WBS01

Tot Ion:	83	Resp:	339314
Ion Ratio	Lower	Upper	
83	100		
85	64.7	49.7	74.5
127	10.0	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.475 ug/l

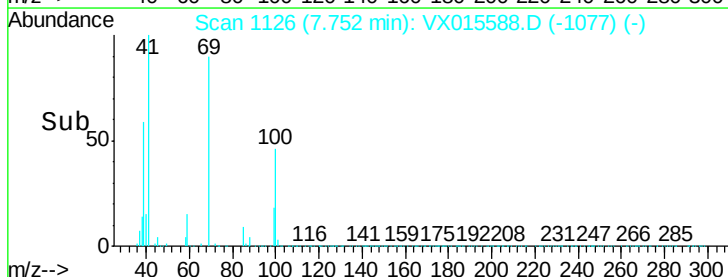
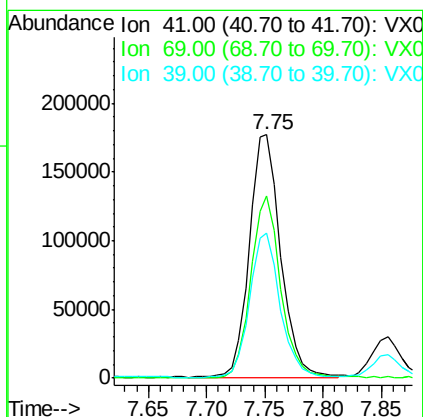
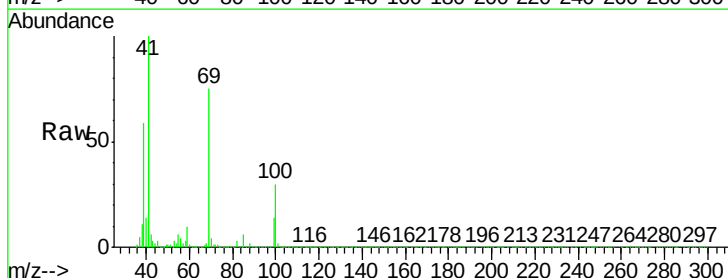
RT: 7.75 min Scan# 1126

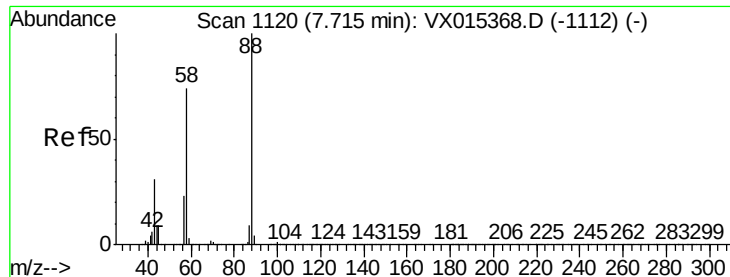
Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion:	41	Resp:	329551
Ion Ratio	Lower	Upper	
41	100		
69	71.6	56.7	85.1
39	57.9	46.5	69.7





#49

1,4-Dioxane

Concen: 409.780 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

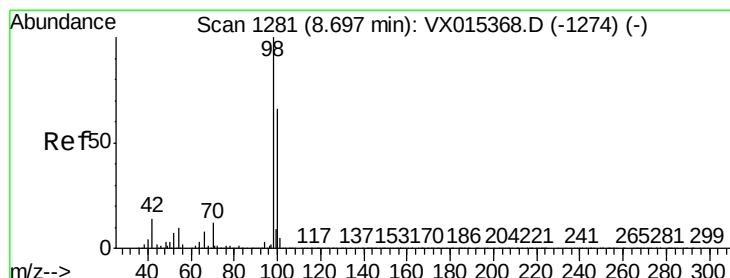
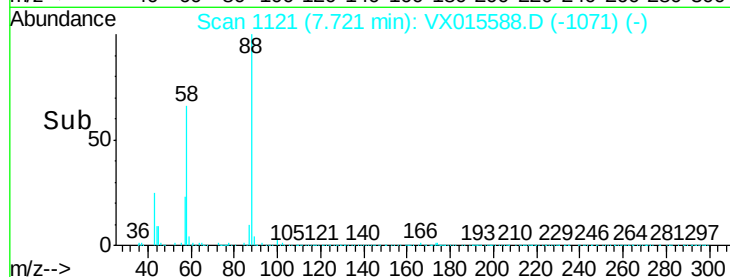
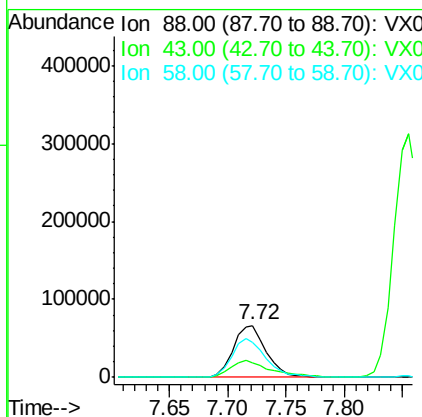
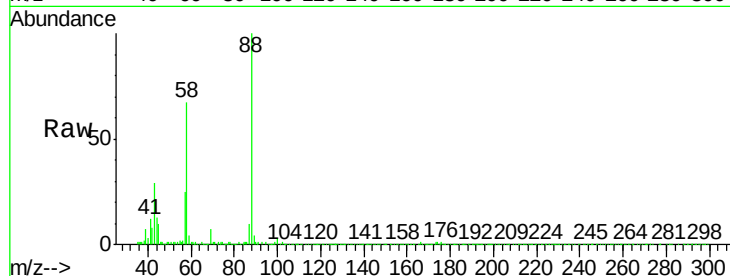
ClientSampleId :

VX0409WBS01

Tot Ion:	88	Resp:	129357
Ion Ratio	Lower	Upper	
88	100		
43	38.1	30.1	45.1
58	75.9	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 50.589 ug/l

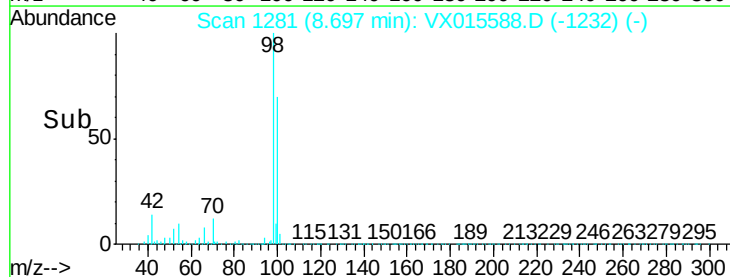
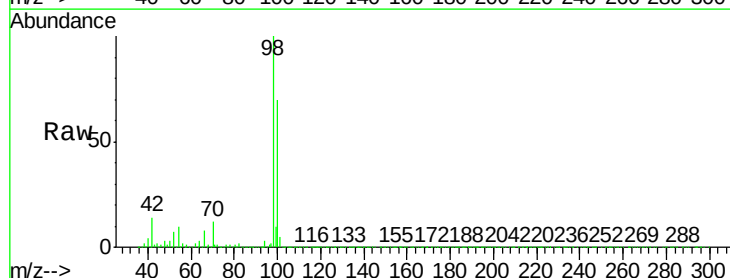
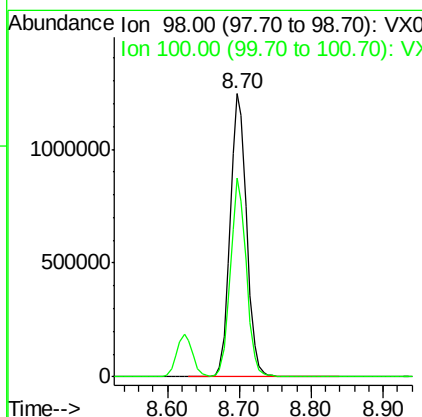
RT: 8.70 min Scan# 1281

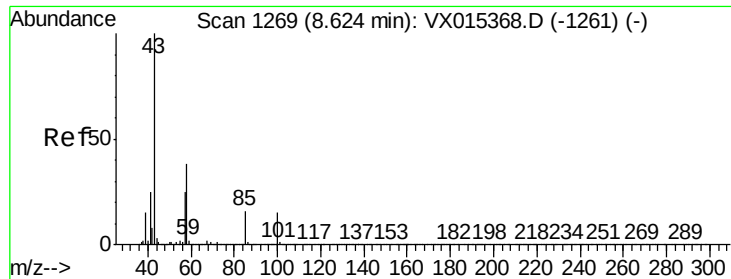
Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion:	98	Resp:	1991602
Ion Ratio	Lower	Upper	
98	100		
100	67.7	53.5	80.3





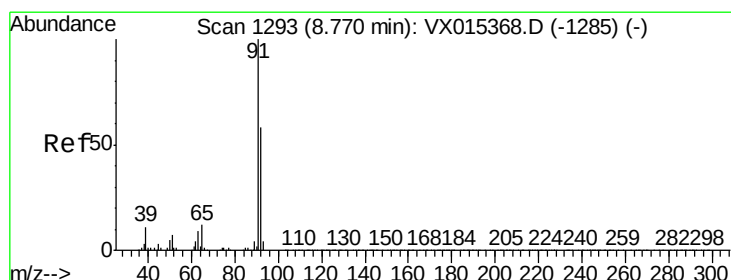
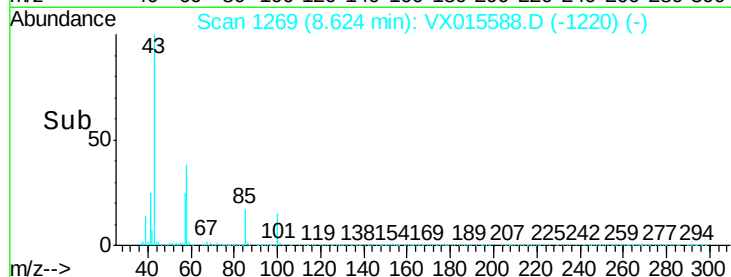
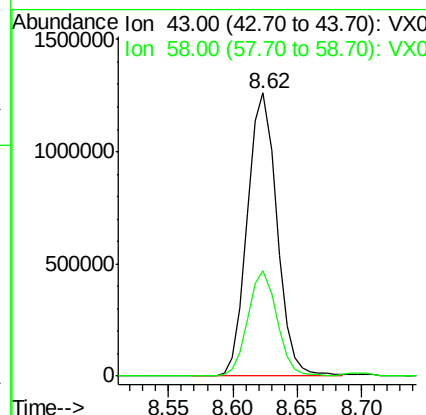
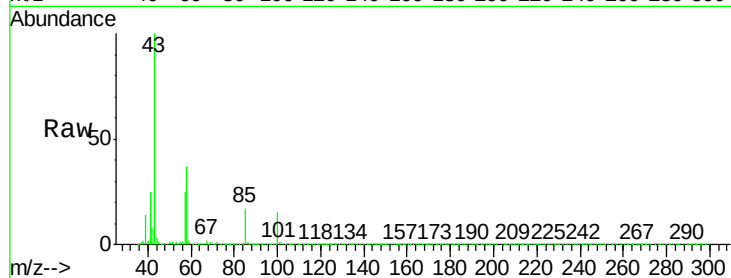
#51
4-Methyl-2-Pentanone
Concen: 104.149 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion: 43 Resp: 1999596
Ion Ratio Lower Upper
43 100
58 36.4 29.7 44.5

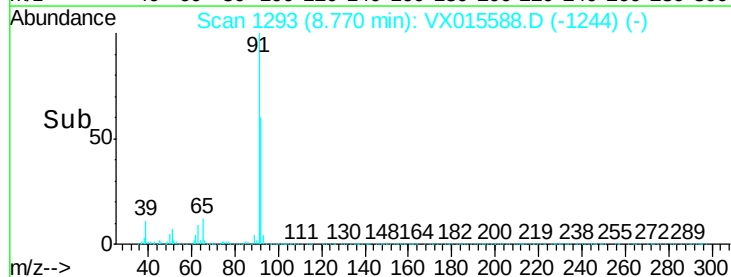
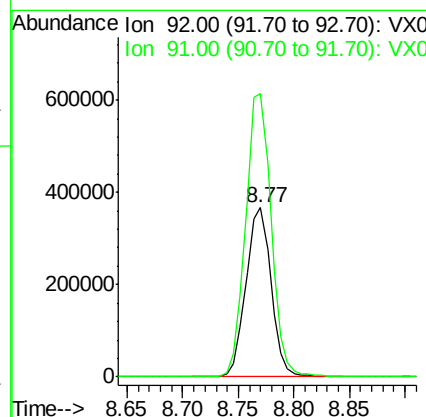
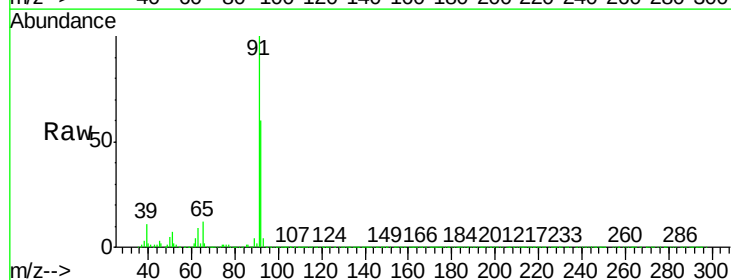
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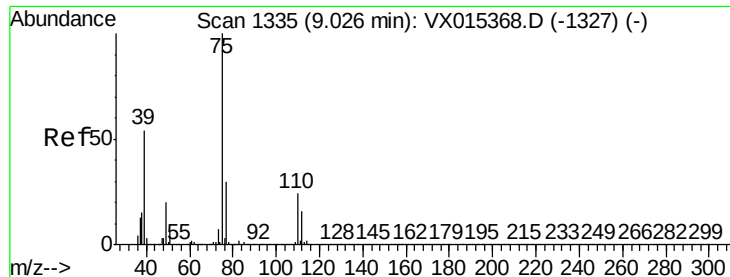
sam
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#52
Toluene
Concen: 20.647 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion: 92 Resp: 574725
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0





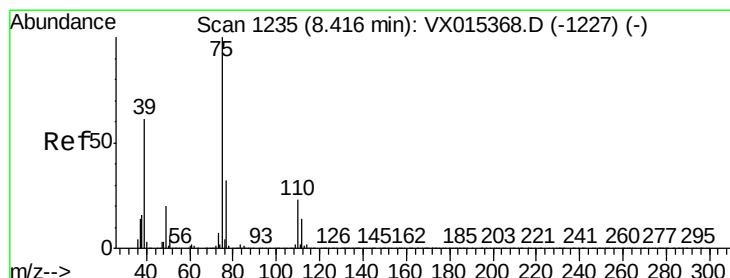
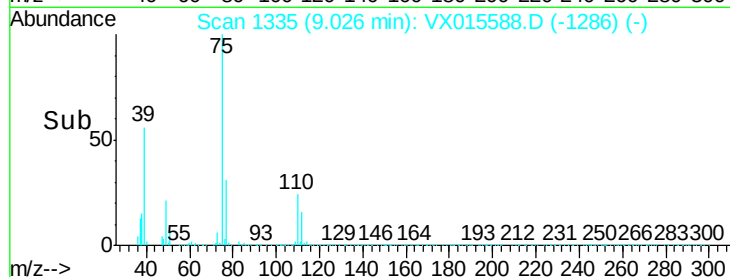
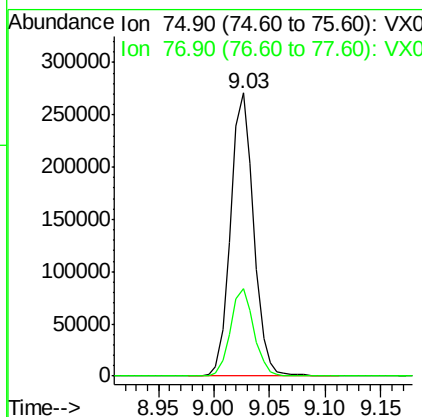
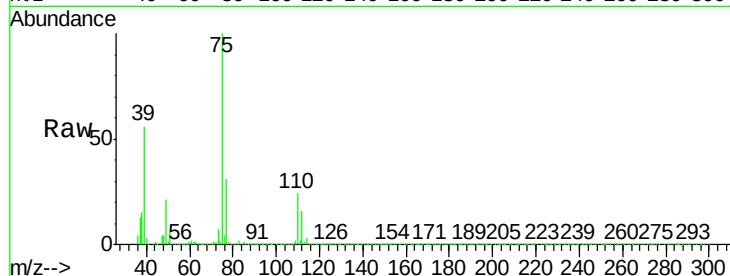
#53
t-1,3-Dichloropropene
Concen: 19.083 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	386371		
77	30.6	24.1	36.1	

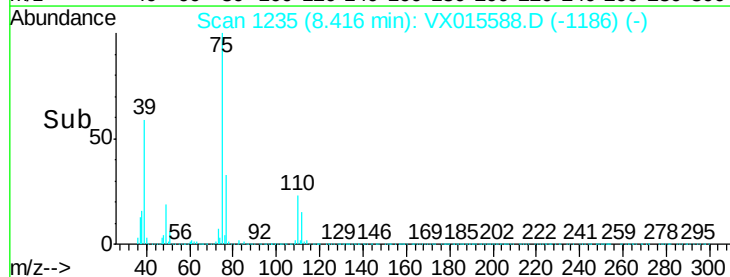
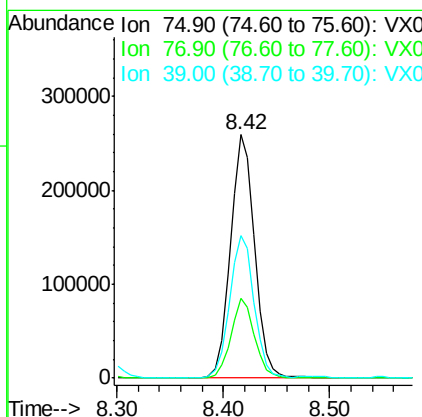
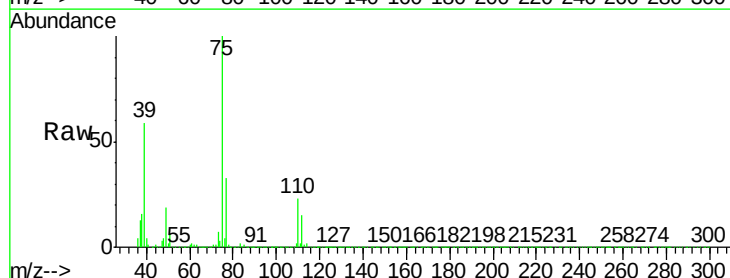
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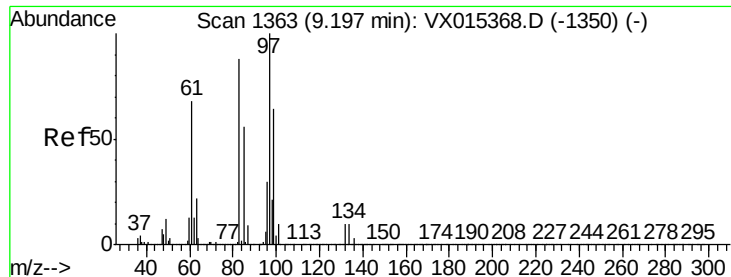
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#54
cis-1,3-Dichloropropene
Concen: 19.922 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	410891		
77	32.5	25.8	38.6	
39	58.3	49.0	73.4	





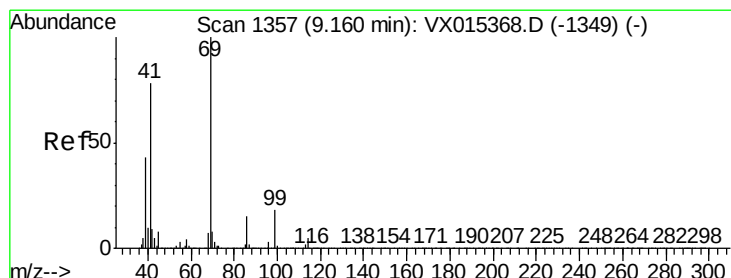
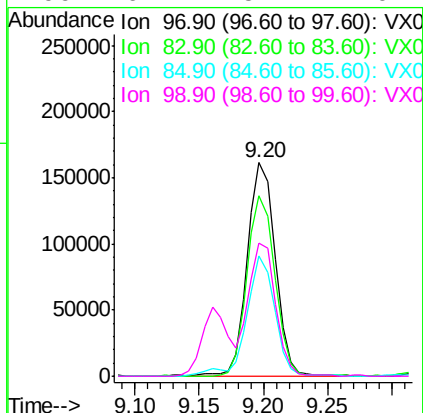
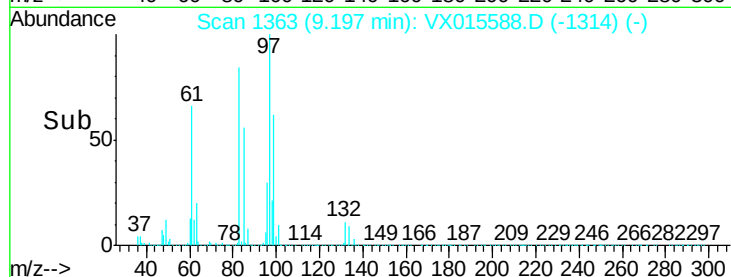
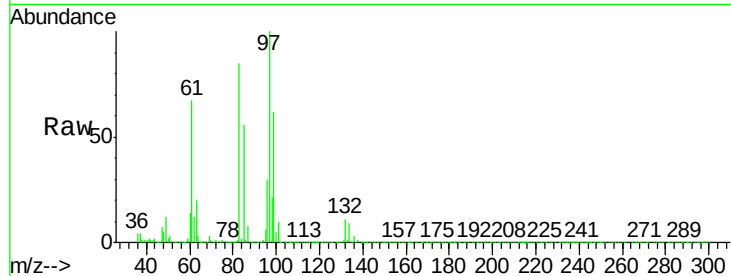
#55
 1,1,2-Trichloroethane
 Concen: 20.992 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		239402		
83	84.6	70.2	105.4		
85	56.1	44.7	67.1		
99	62.2	51.1	76.7		

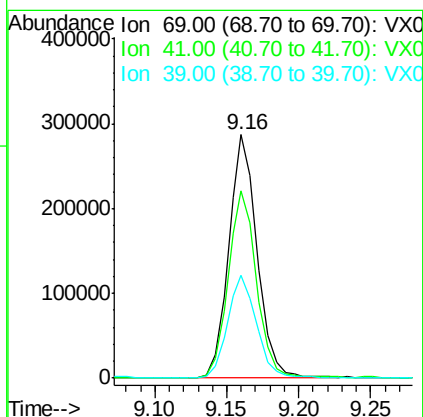
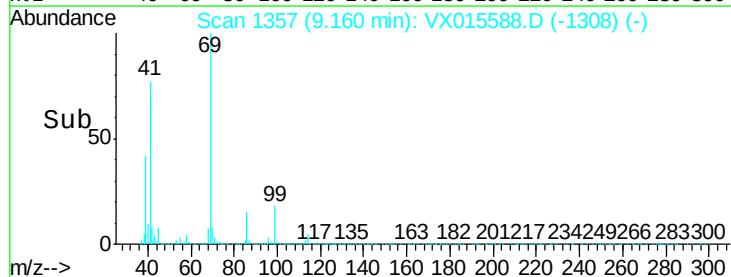
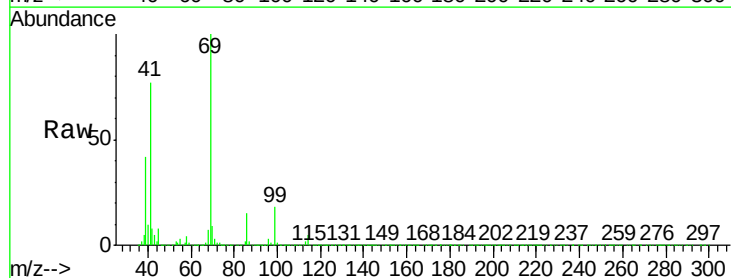
Manual Integrations
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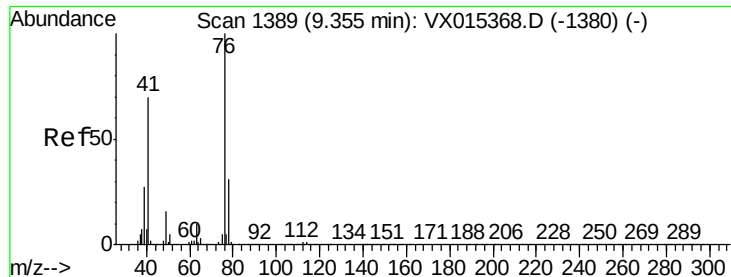
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#56
 Ethyl methacrylate
 Concen: 19.629 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		394508		
41	76.4	61.6	92.4		
39	42.5	34.0	51.0		





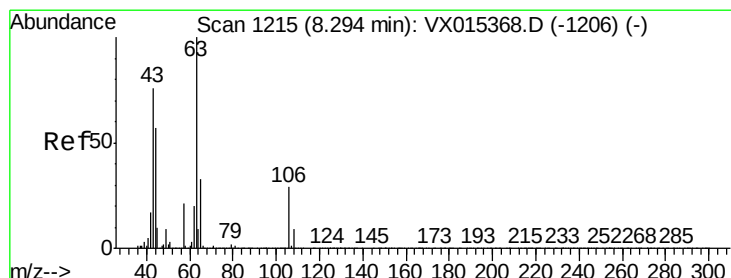
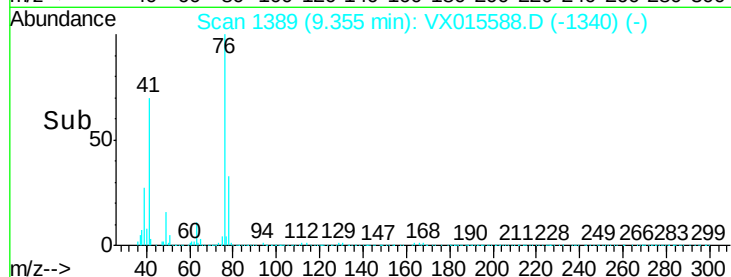
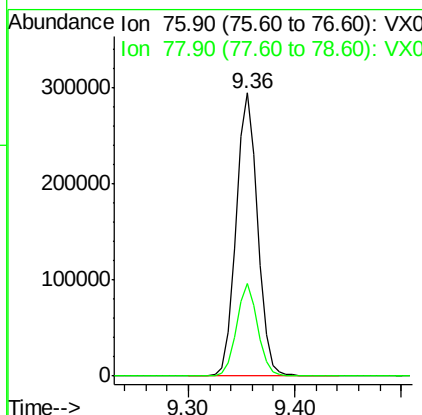
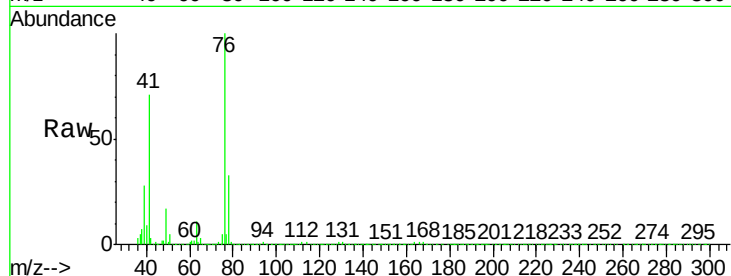
#57
 1,3-Dichloropropane
 Concen: 20.367 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion: 76 Resp: 418476
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

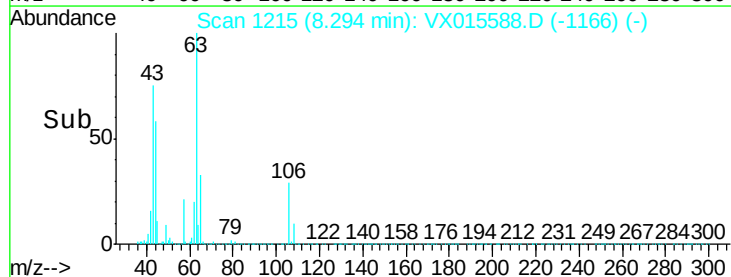
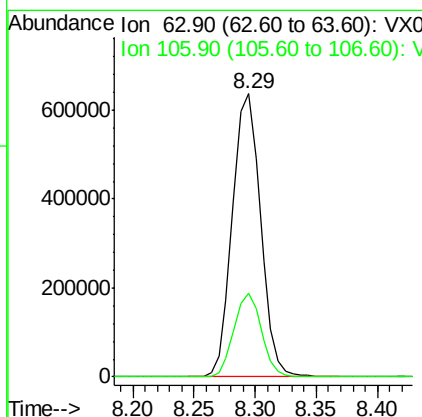
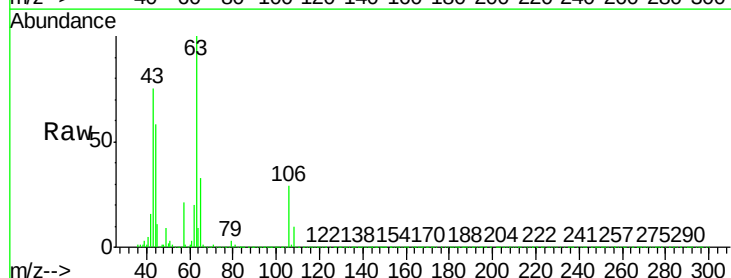
Manual Integrations
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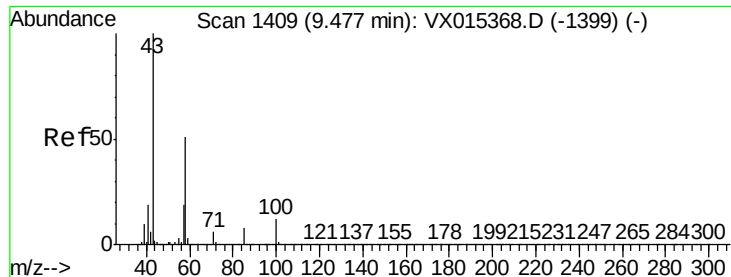
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.797 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion: 63 Resp: 1014725
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





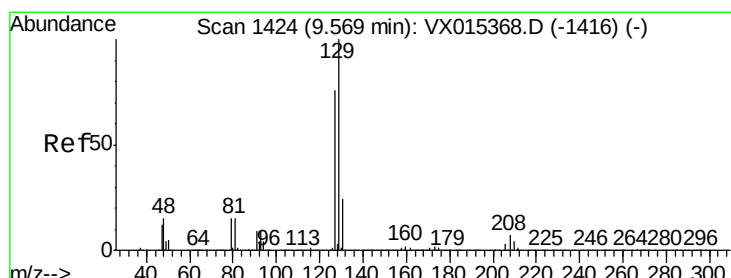
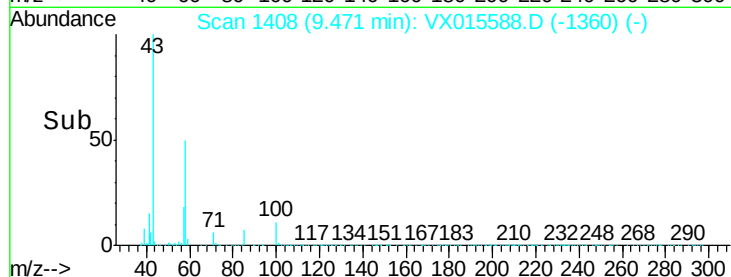
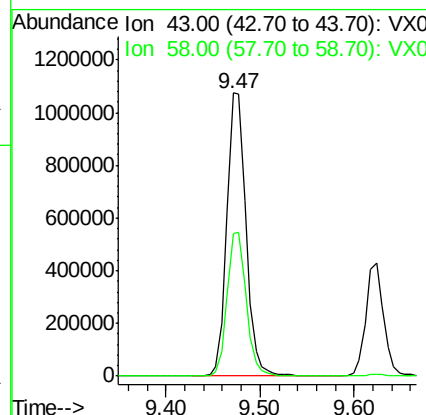
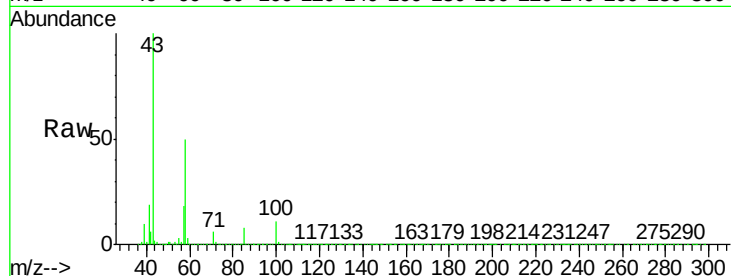
#59
2-Hexanone
Concen: 104.609 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion: 43 Resp: 1516323
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6

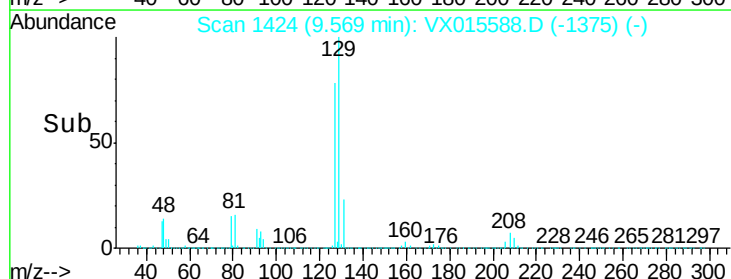
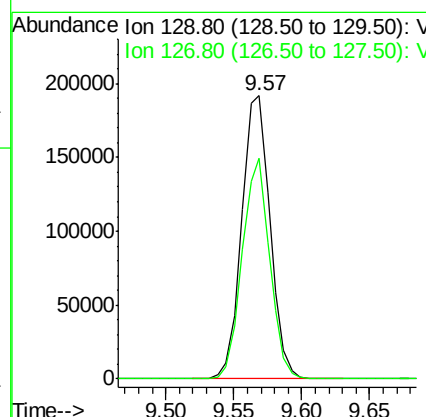
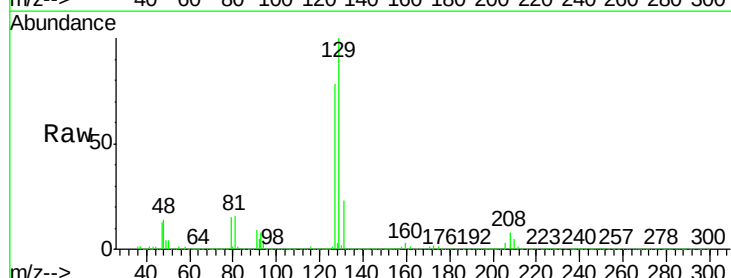
Manual Integrations
APPROVED

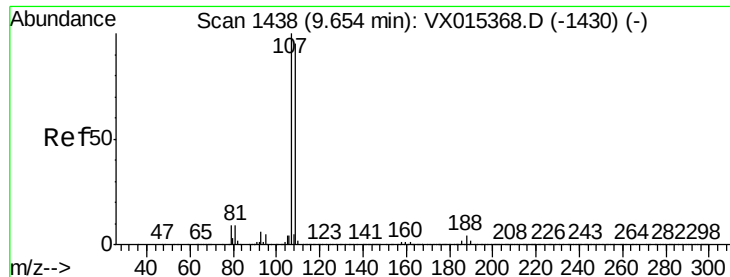
Sam
4/10/2020 2:12:41 PM



#60
Dibromochloromethane
Concen: 20.337 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion: 129 Resp: 278691
Ion Ratio Lower Upper
129 100
127 75.9 38.2 114.6





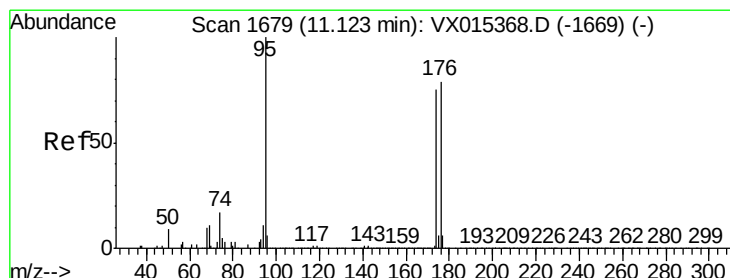
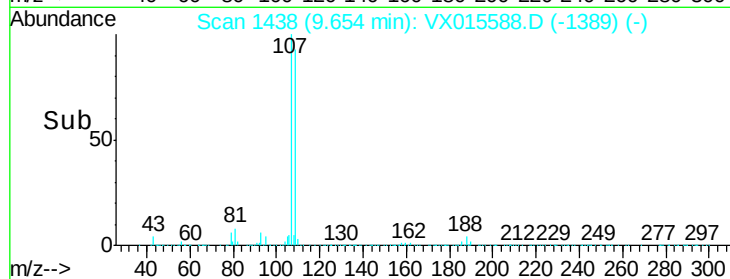
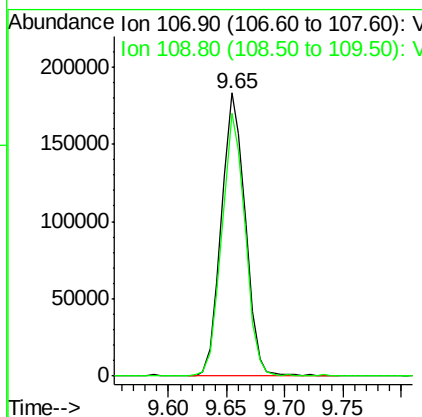
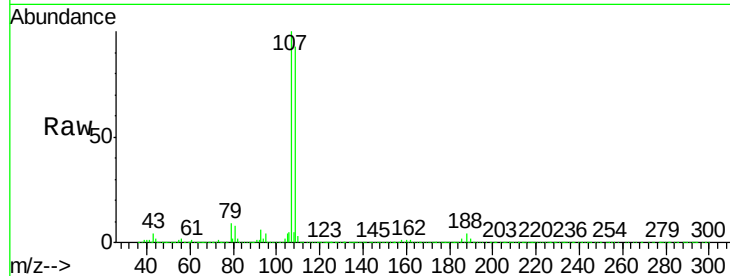
#61
 1,2-Dibromoethane
 Concen: 20.911 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	259298		
109	90.8	74.8	112.2	

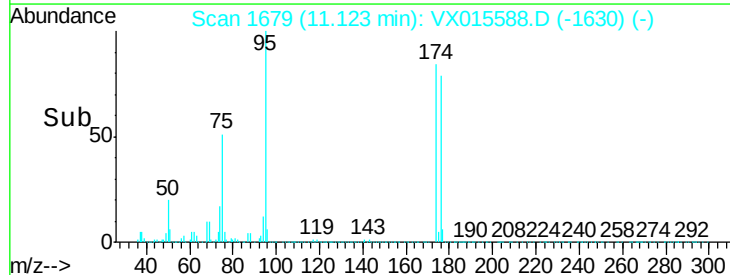
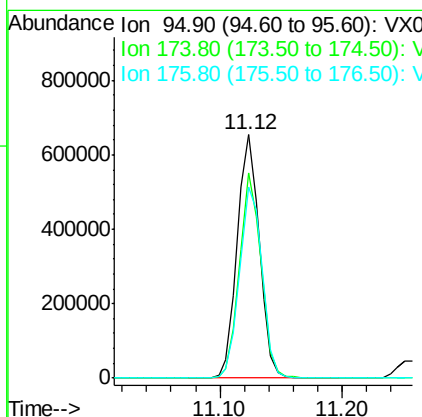
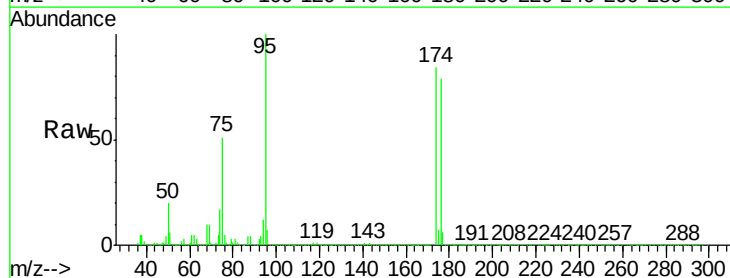
Manual Integrations
 APPROVED

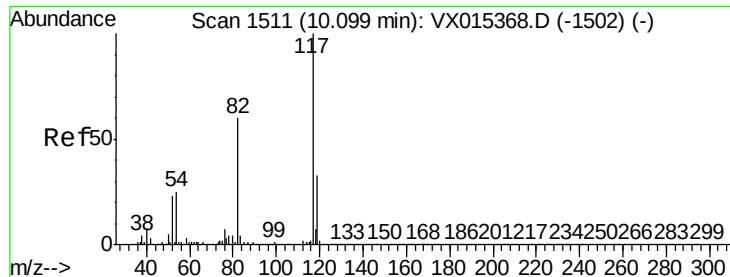
sam
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#62
 4-Bromofluorobenzene
 Concen: 50.730 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	811661		
174	82.6	0.0	158.6	
176	80.4	0.0	159.0	





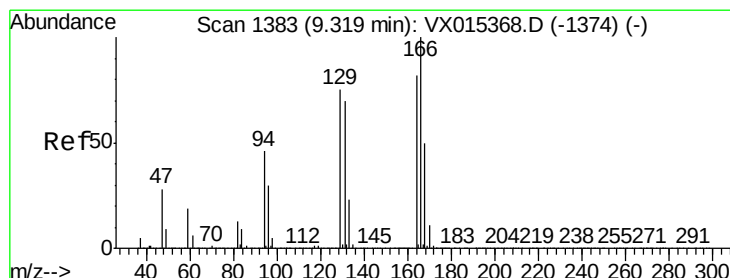
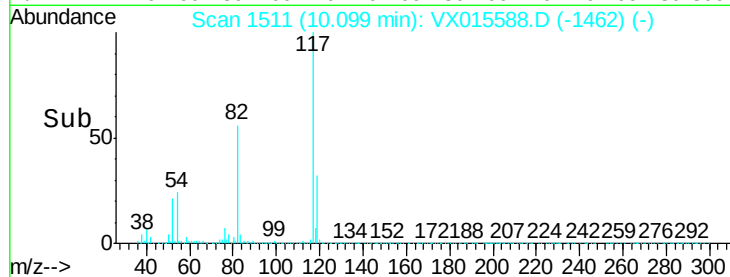
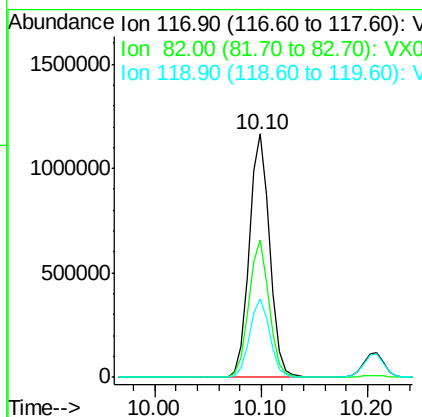
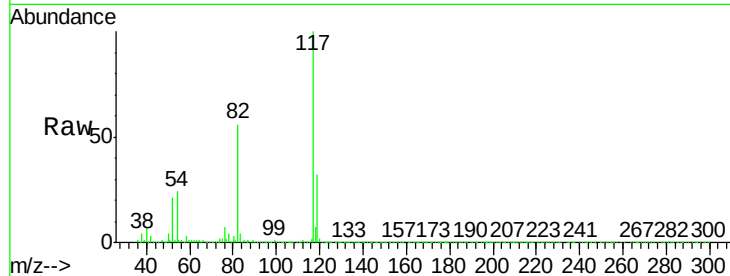
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.8	71.8
119	32.1	26.8	40.2

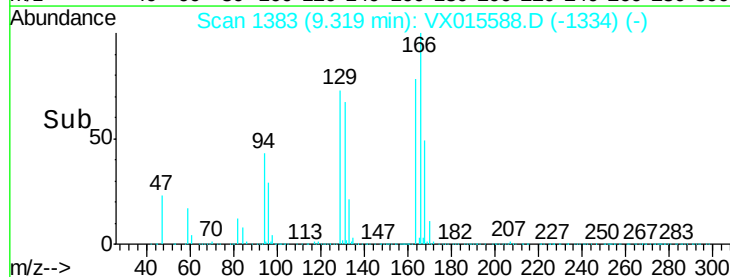
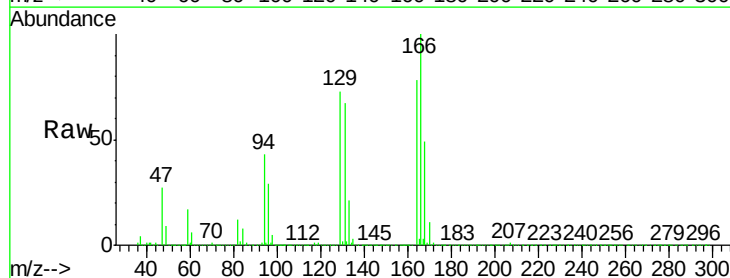
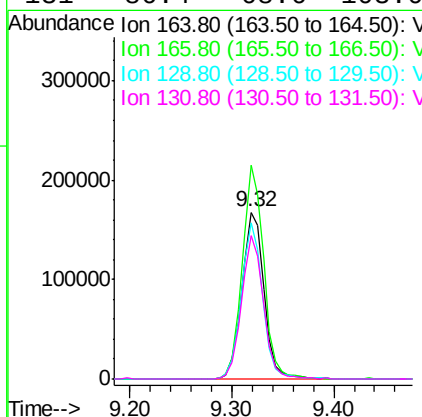
Manual Integrations
APPROVED

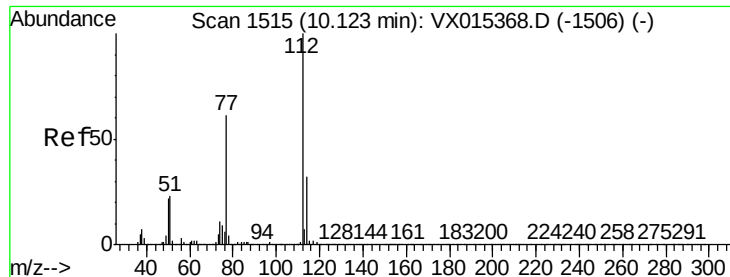
sam
4/10/2020 2:12:41 PM



#64
Tetrachloroethene
Concen: 21.039 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	97.8	146.6
129	93.8	73.0	109.4
131	86.4	68.6	103.0





#65

Chlorobenzene

Concen: 20.168 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion:112 Resp: 630199

Ion Ratio Lower Upper

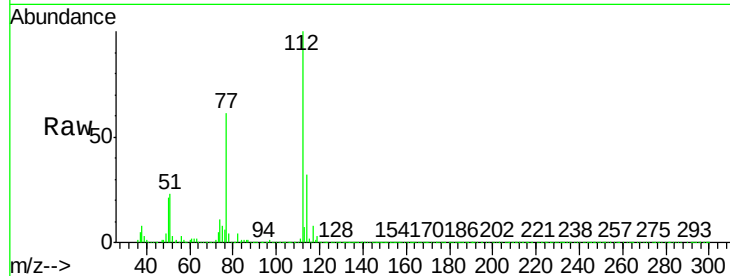
112 100

114 31.8 25.5 38.3

Manual Integrations
APPROVED

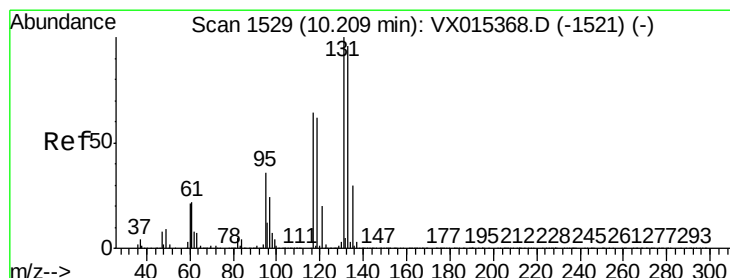
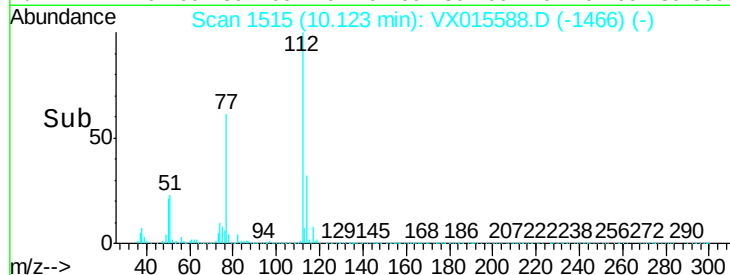
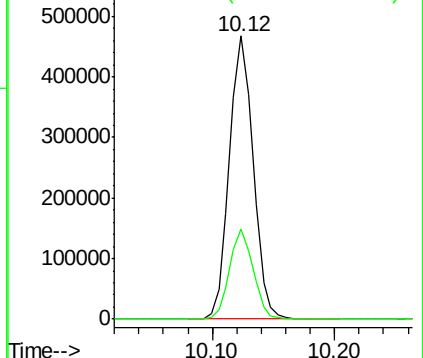
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.835 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

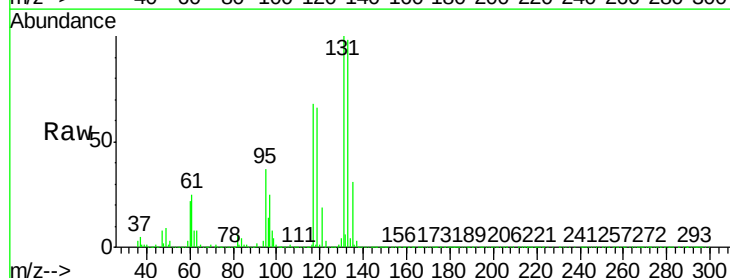
Tgt Ion:131 Resp: 247613

Ion Ratio Lower Upper

131 100

133 95.6 47.6 142.9

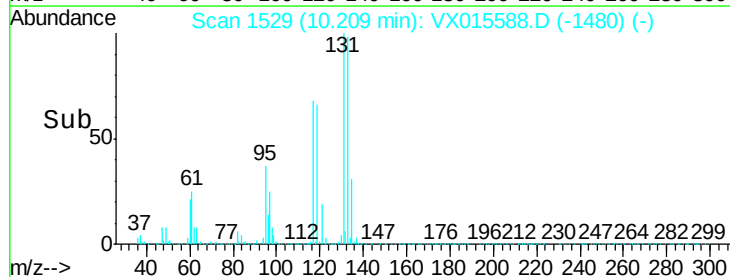
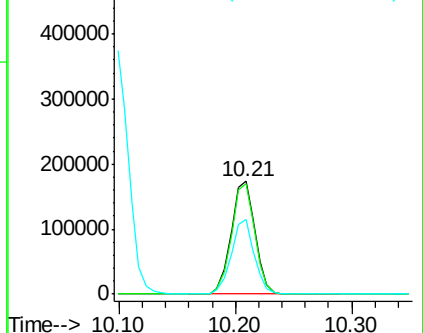
119 63.2 31.1 93.3

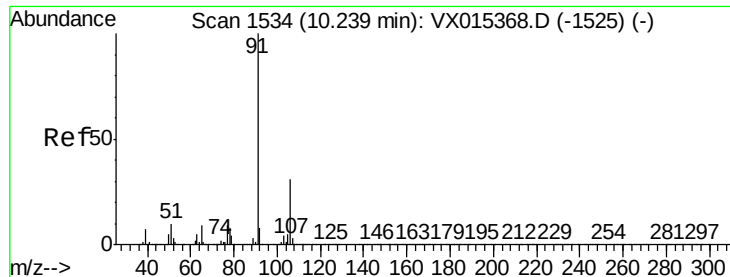


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.139 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 91 Resp: 1116139

Ion Ratio Lower Upper

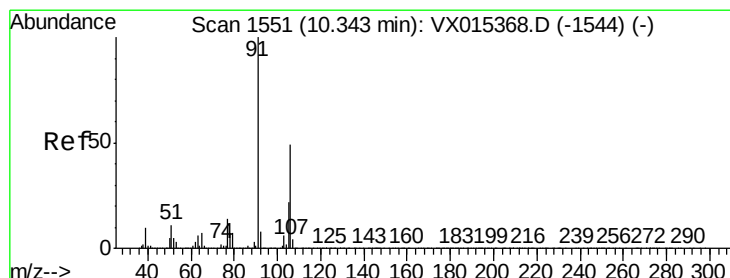
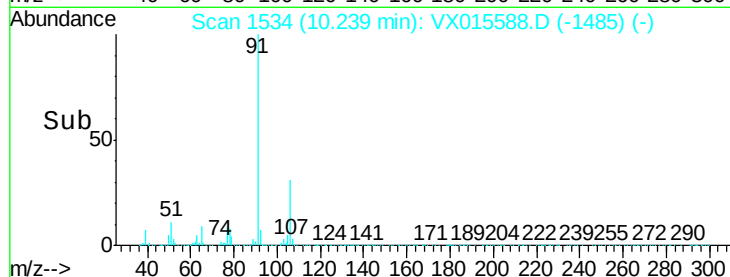
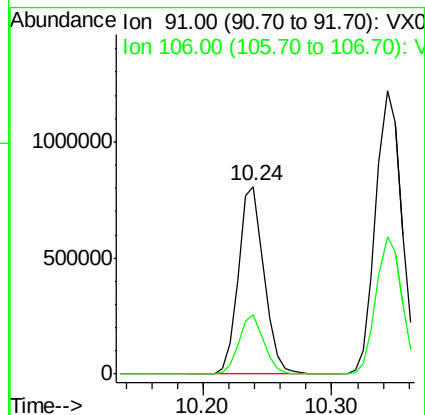
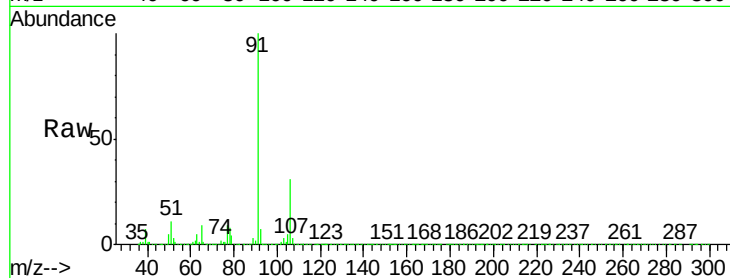
91 100

106 31.3 24.8 37.2

Manual Integrations
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sam

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#68

m/p-Xylenes

Concen: 40.228 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015588.D

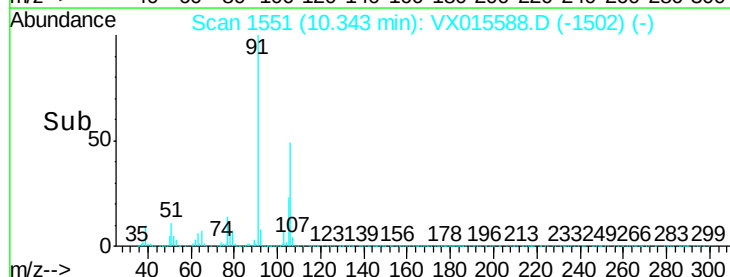
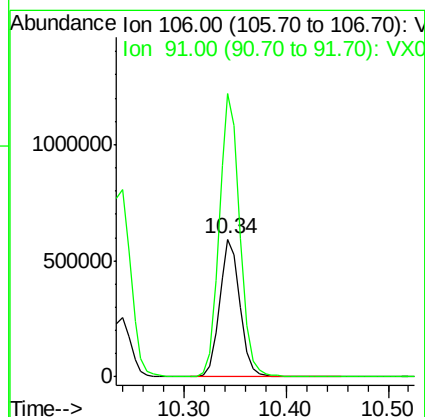
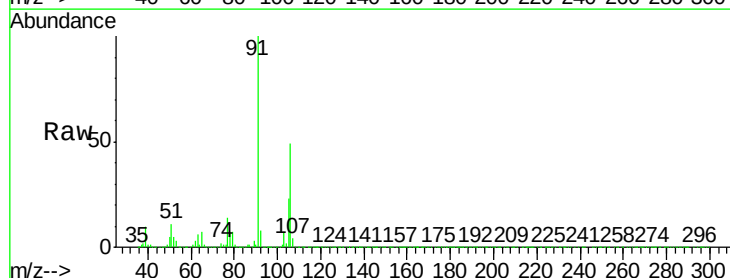
Acq: 09 Apr 2020 11:59

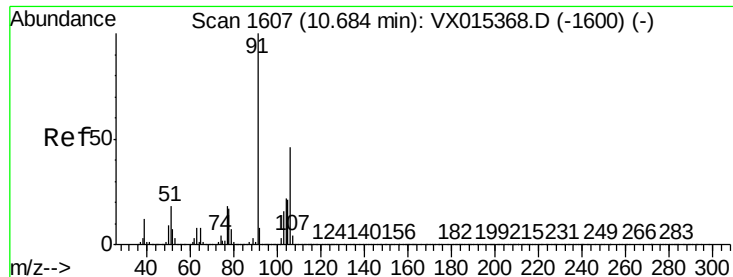
Tgt Ion: 106 Resp: 830180

Ion Ratio Lower Upper

106 100

91 207.0 163.4 245.0





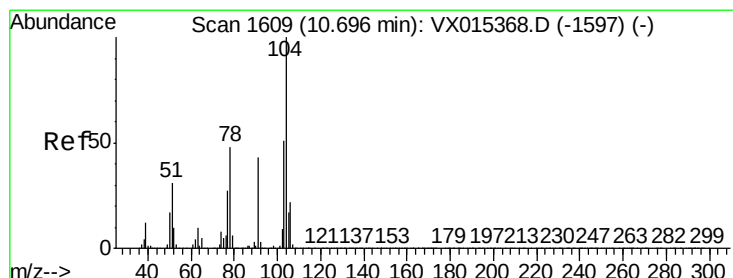
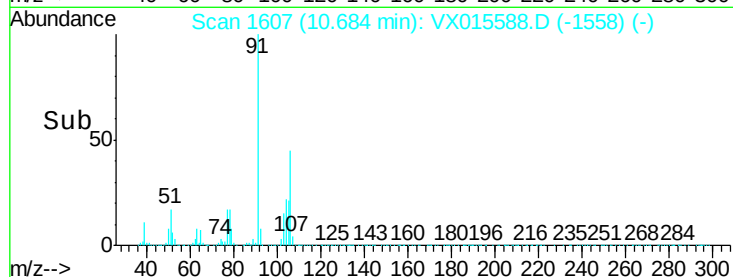
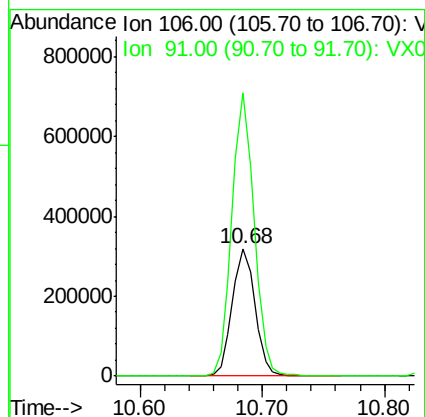
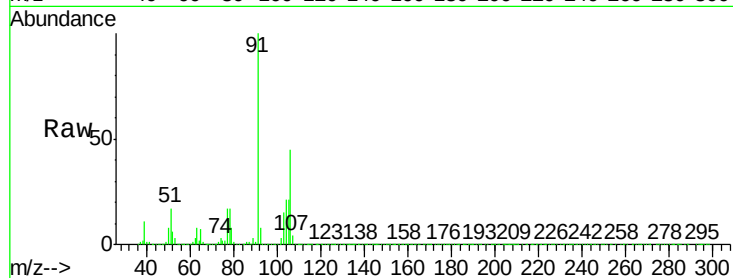
#69
o-Xylene
Concen: 20.040 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	408671		
91	217.3	107.1	321.3	

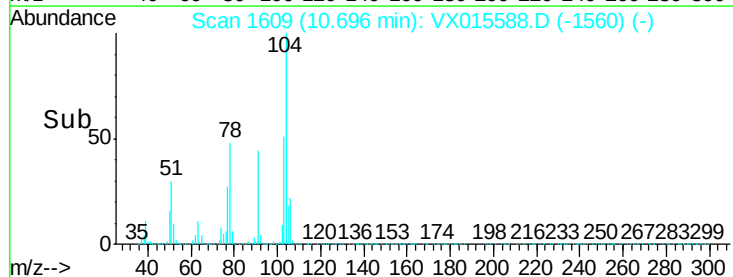
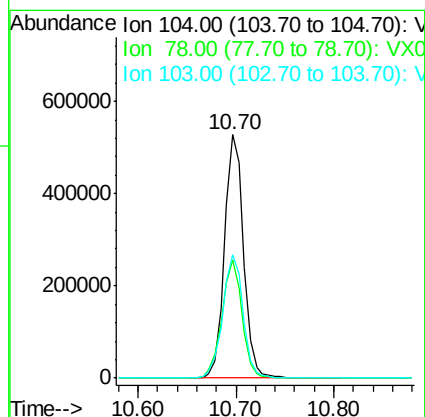
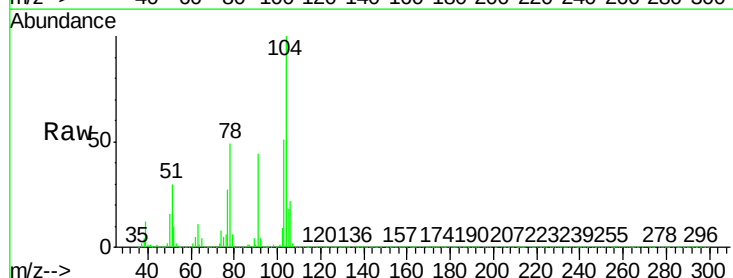
Manual Integrations
APPROVED

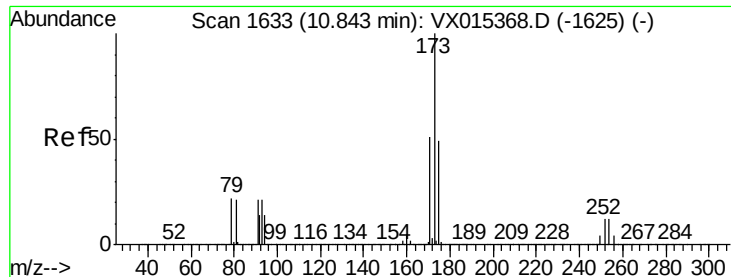
sam
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#70
Styrene
Concen: 19.776 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	709646		
78	51.7	42.0	63.0	
103	54.4	43.4	65.0	





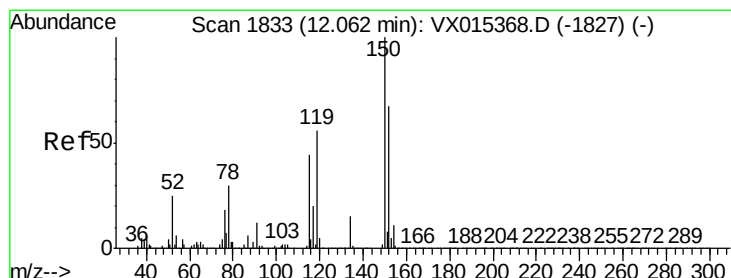
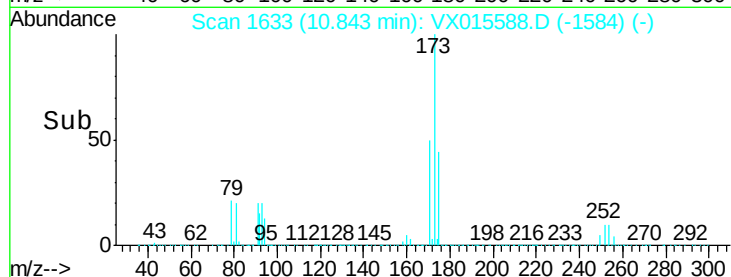
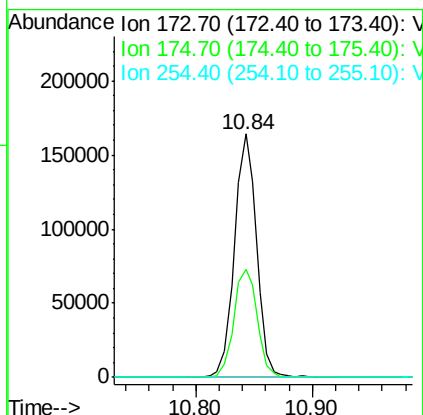
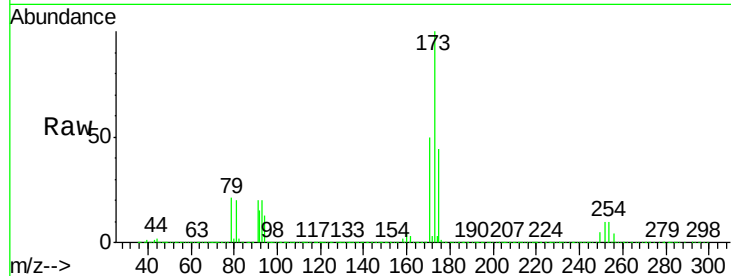
#71
Bromoform
Concen: 19.070 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampled :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	23.9	71.7
254	0.2	0.1	0.1#

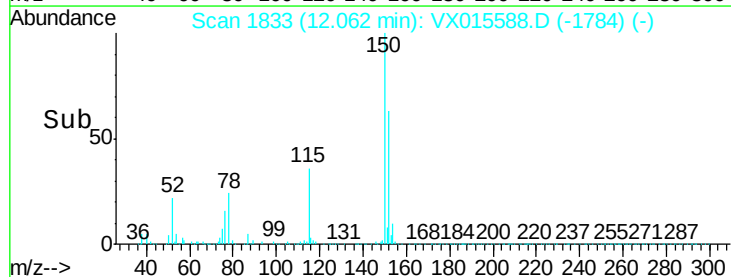
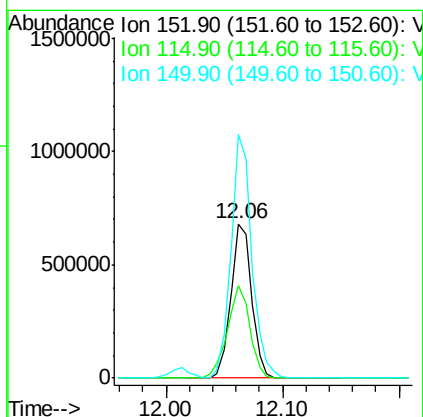
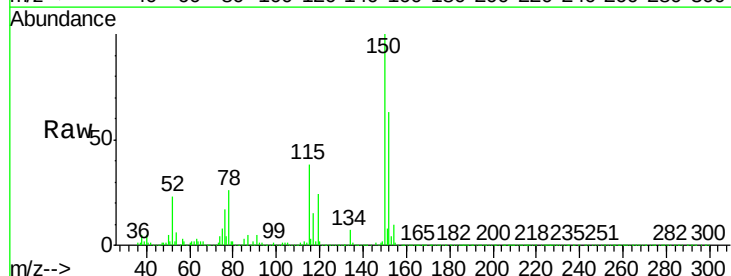
Manual Integrations
APPROVED

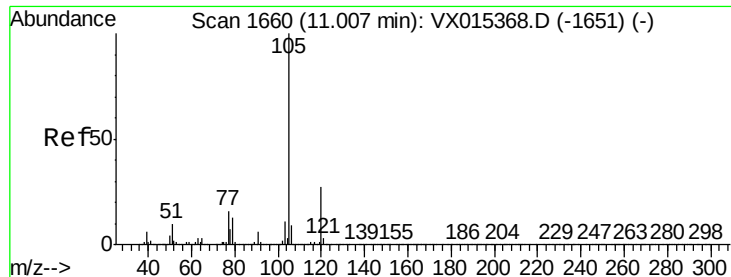
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	39.0	116.9
150	159.3	0.0	340.8





#73

Isopropylbenzene

Concen: 20.046 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 105 Resp: 1104417

Ion Ratio Lower Upper

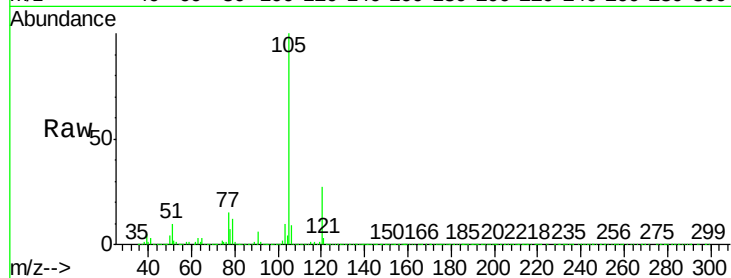
105 100

120 26.9 13.2 39.5

Manual Integrations
APPROVED

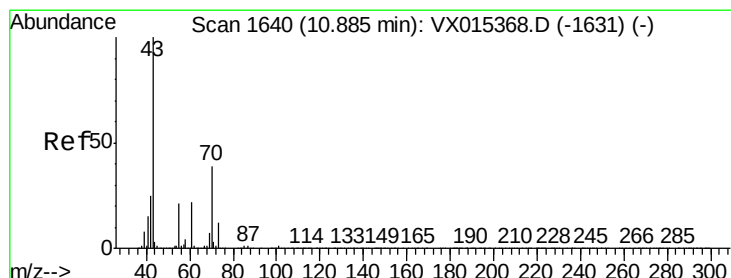
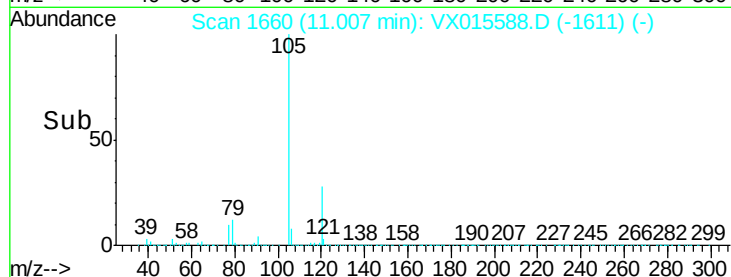
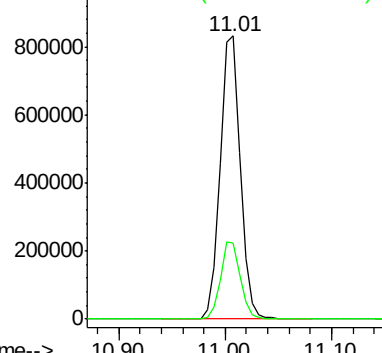
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.532 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion: 43 Resp: 567853

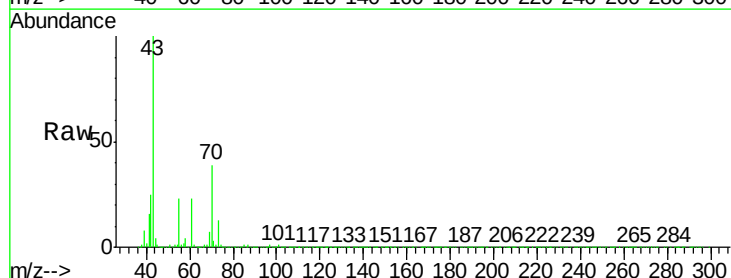
Ion Ratio Lower Upper

43 100

70 38.7 30.2 45.4

55 22.6 16.8 25.2

61 22.5 18.2 27.2

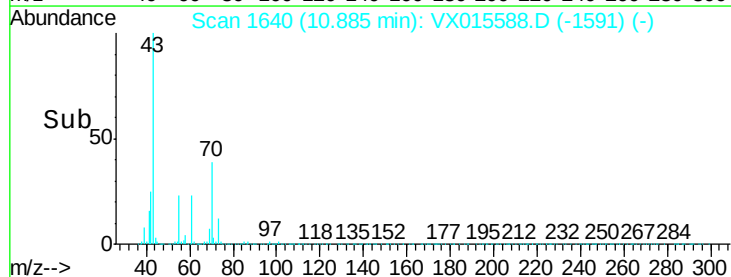
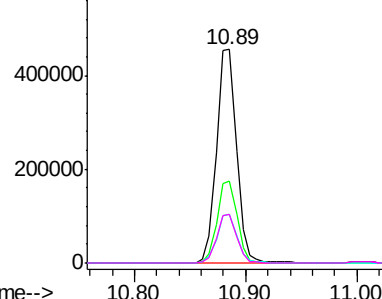


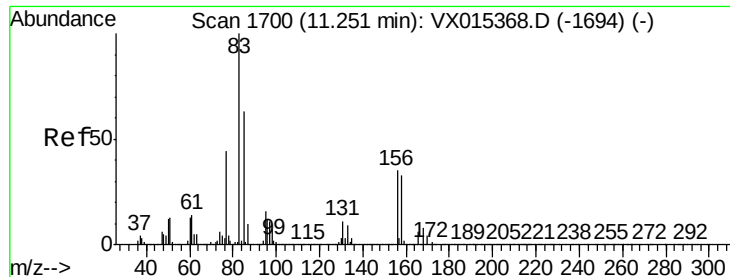
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.108 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

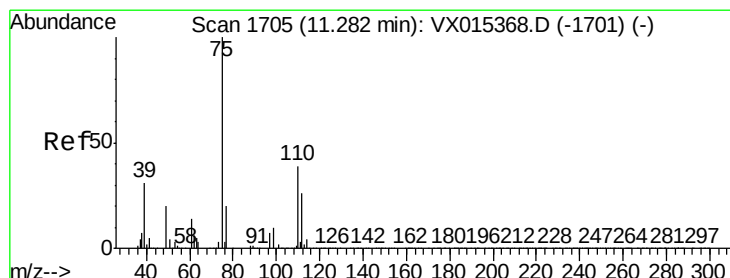
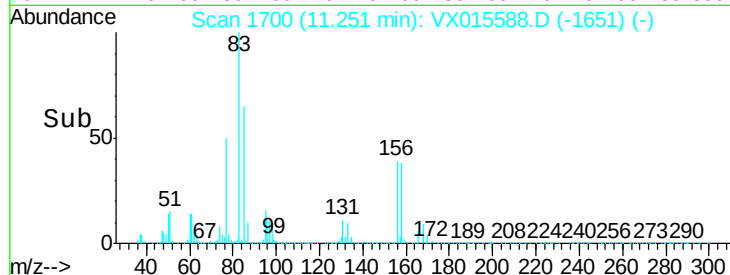
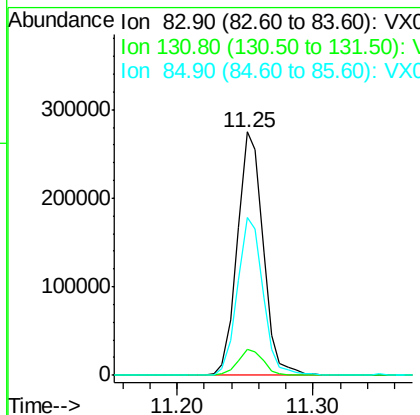
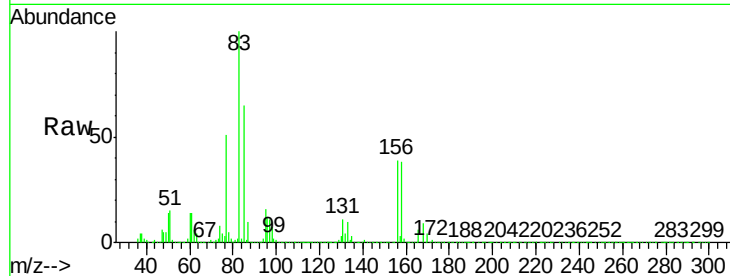
ClientSampled :

VX0409WBS01

Tot Ion:	83	Resp:	361233
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	64.5	32.0	96.0

Manual Integrations
APPROVED

sam
4/10/2020 2:12:41 PM



#76

1,2,3-Trichloropropane

Concen: 19.671 ug/l m

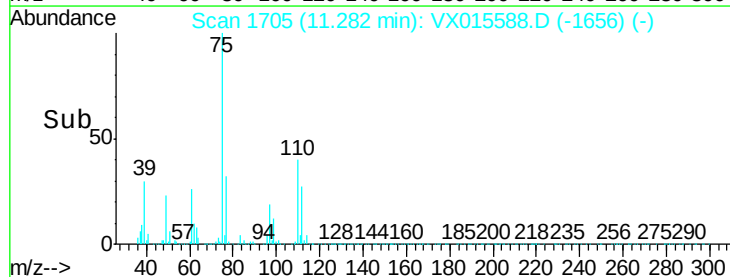
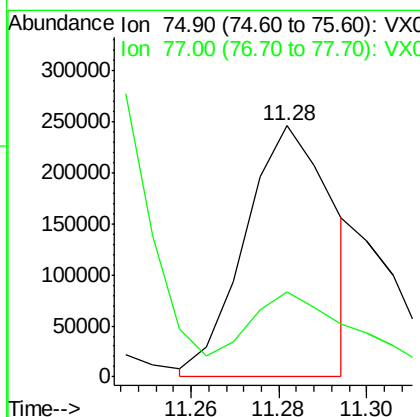
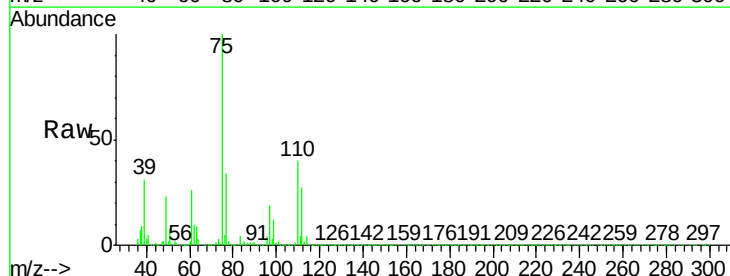
RT: 11.28 min Scan# 1705

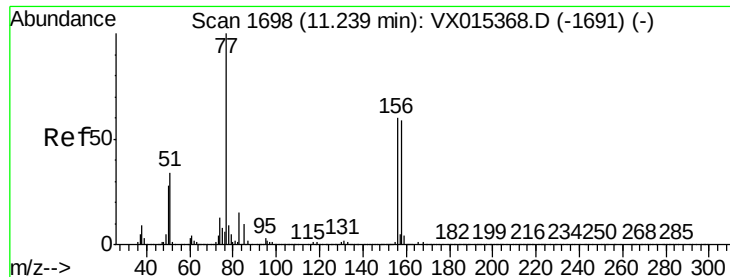
Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion:	75	Resp:	340137
Ion Ratio	Lower	Upper	
75	100		
77	42.2	21.2	63.6





#77

Bromobenzene

Concen: 20.193 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

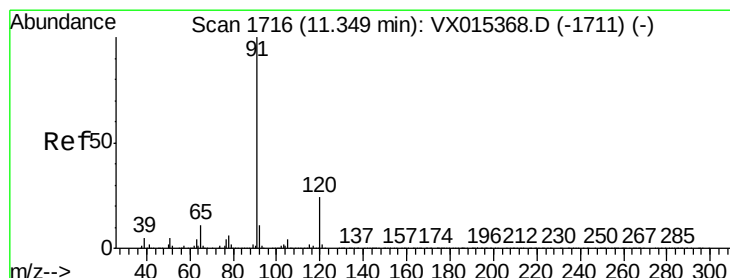
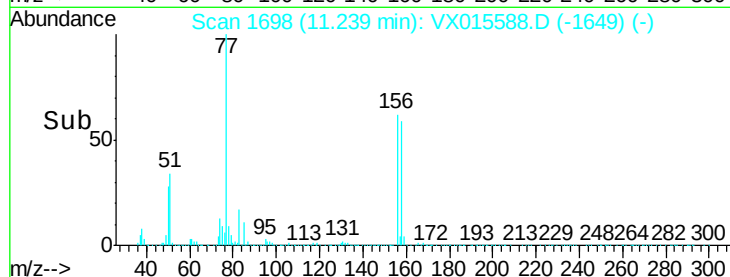
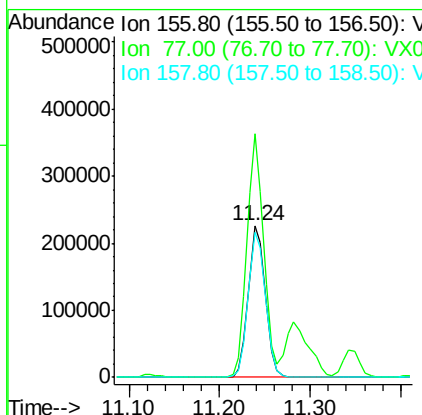
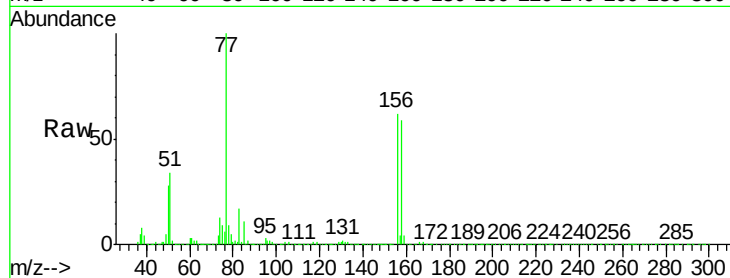
ClientSampleId :

VX0409WBS01

Tot Ion:	156	Resp:	296752
Ion Ratio	Lower	Upper	
156	100		
77	157.1	82.2	246.5
158	96.4	49.3	147.9

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 20.042 ug/l

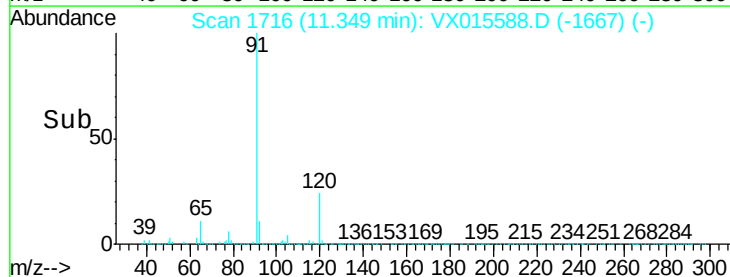
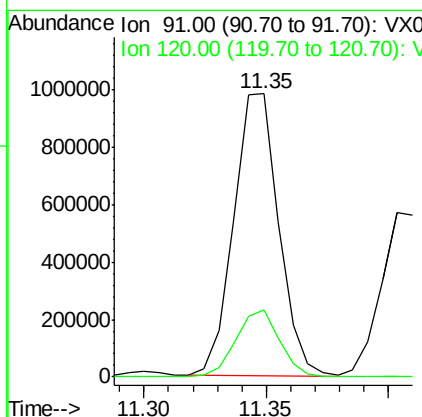
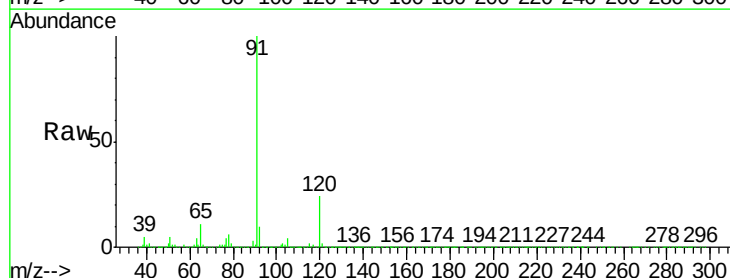
RT: 11.35 min Scan# 1716

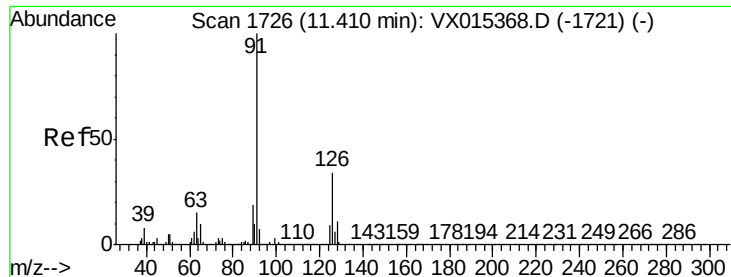
Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Tgt Ion:	91	Resp:	1262626
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0





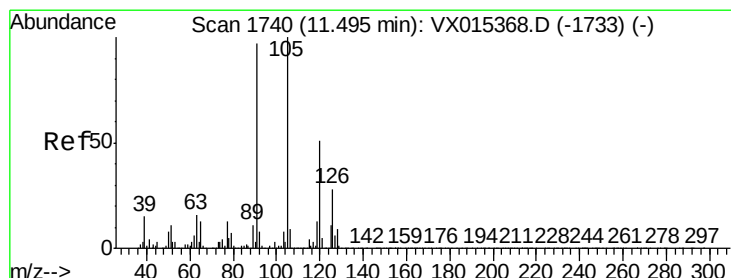
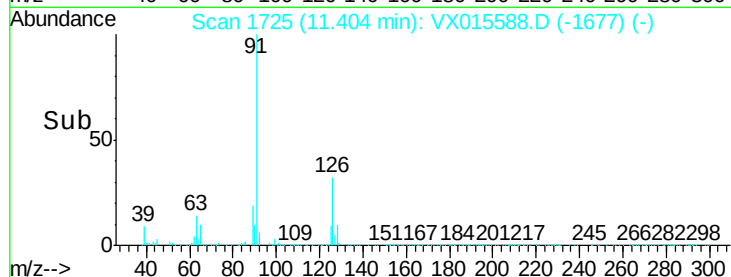
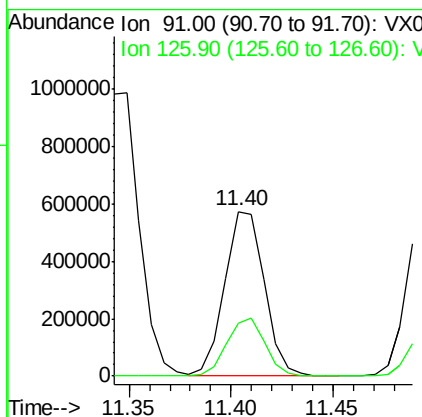
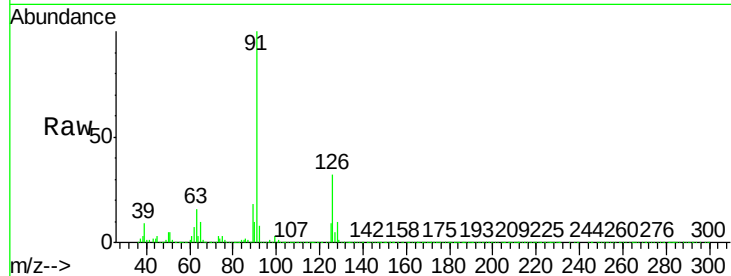
#79
 2-Chlorotoluene
 Concen: 19.845 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.5	49.5

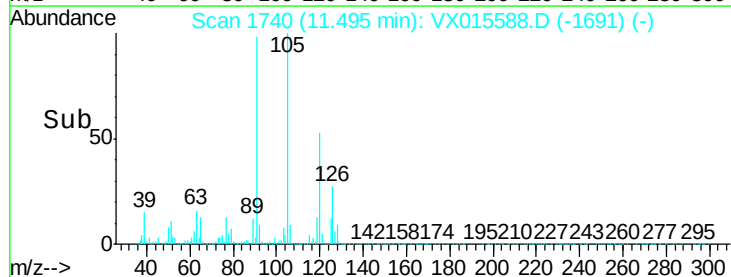
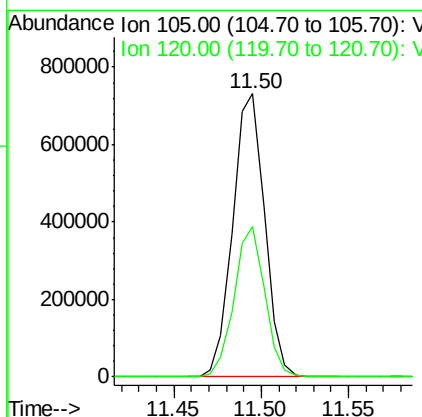
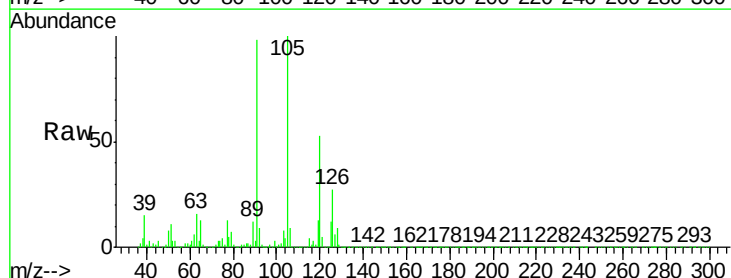
Manual Integrations
 APPROVED

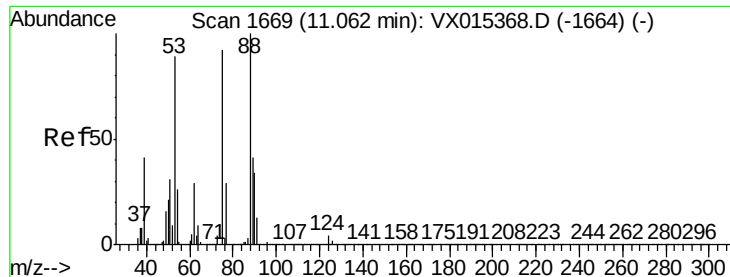
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.716 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.9	24.8	74.4





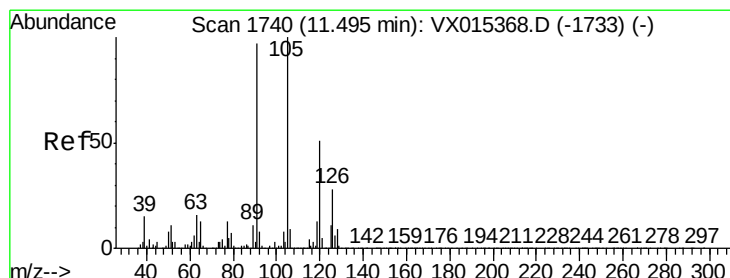
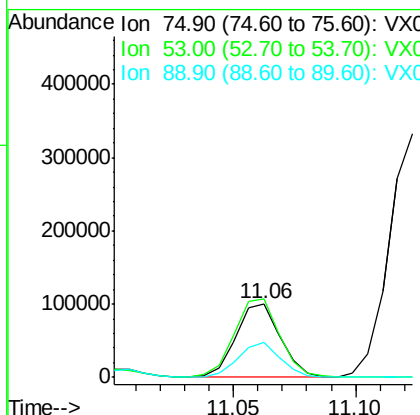
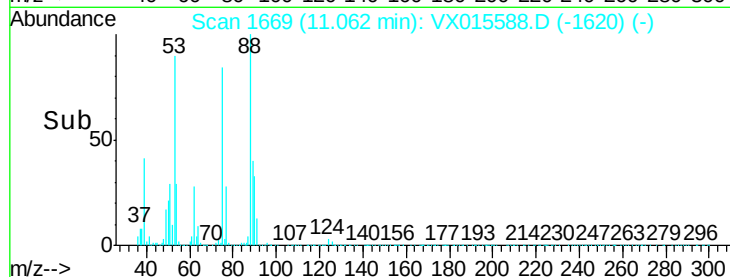
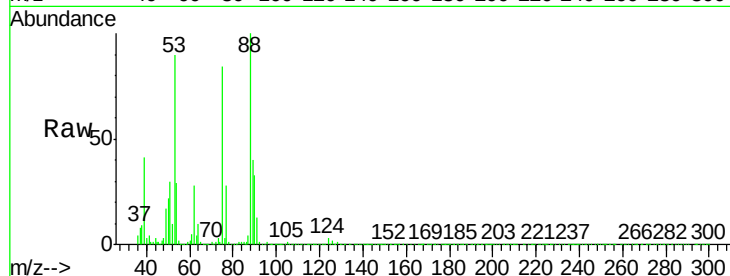
#81
trans-1,4-Dichloro-2-butene
Concen: 17.587 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.0	80.1	120.1
89	46.6	36.1	54.1

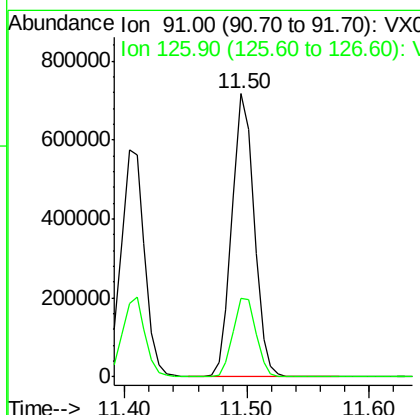
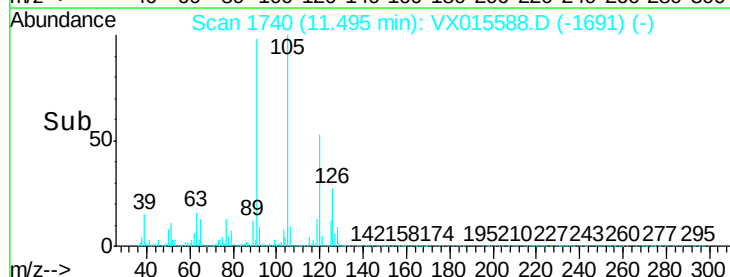
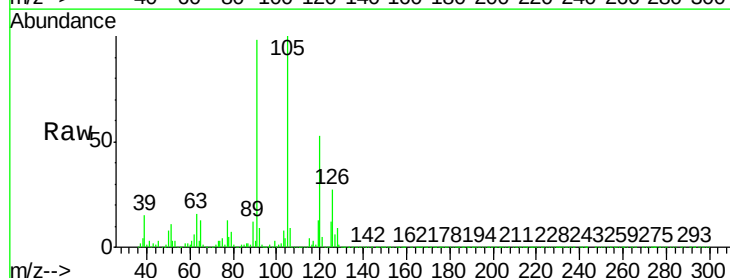
Manual Integrations
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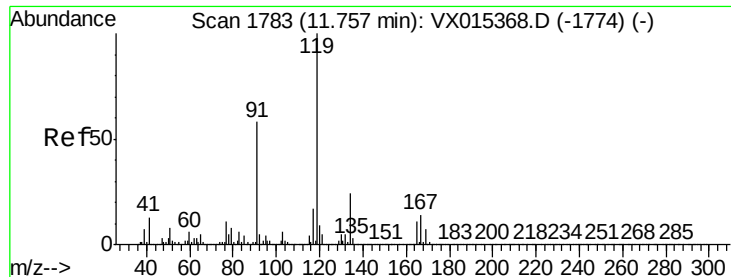
sam
4/10/2020 2:12:41 PM



#82
4-Chlorotoluene
Concen: 19.870 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.7	44.1





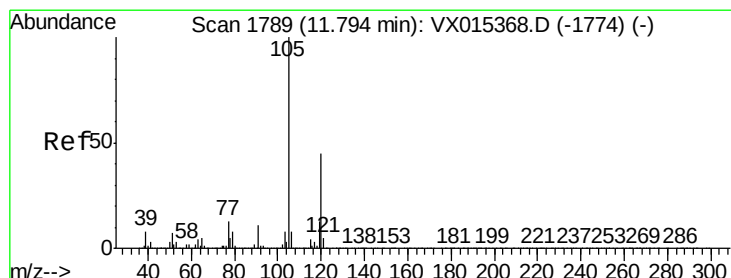
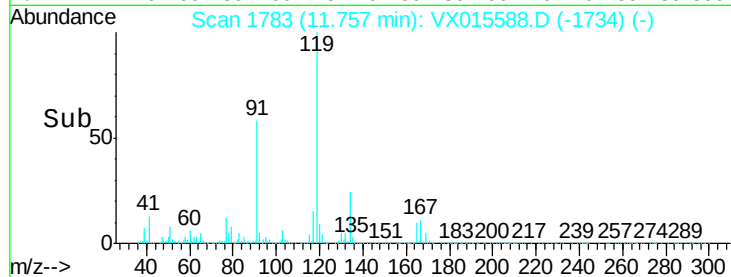
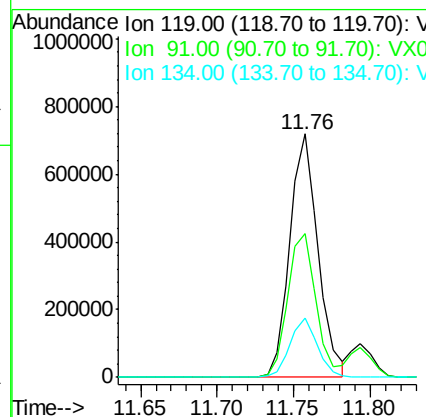
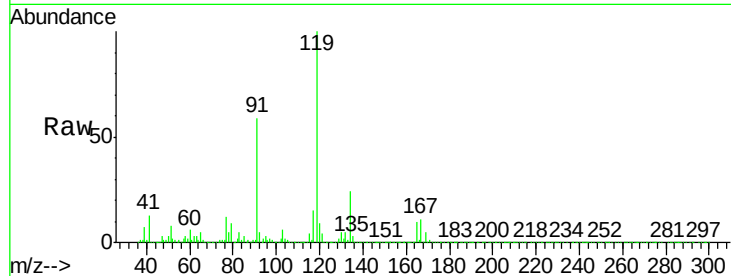
#83
 tert-Butylbenzene
 Concen: 19.978 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	918162		
91	58.1	28.6	85.8	
134	23.6	11.8	35.3	

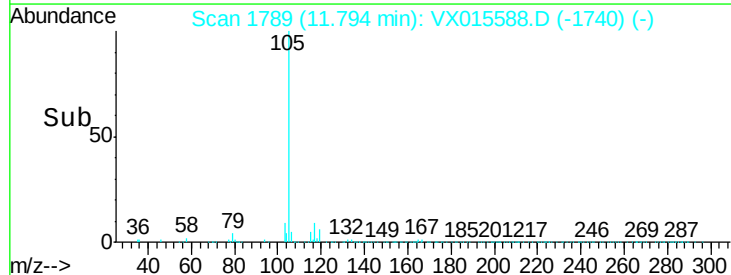
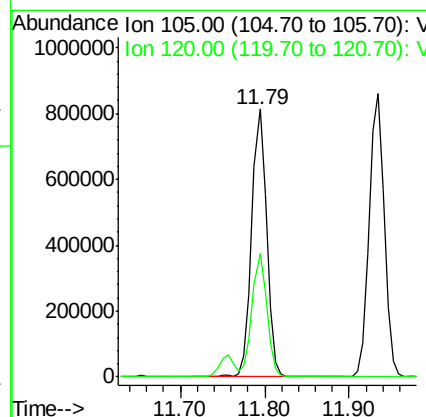
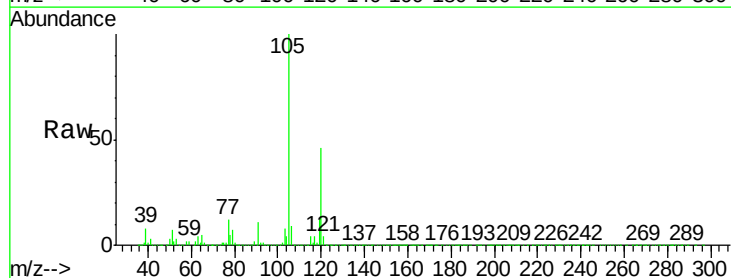
Manual Integrations
 APPROVED

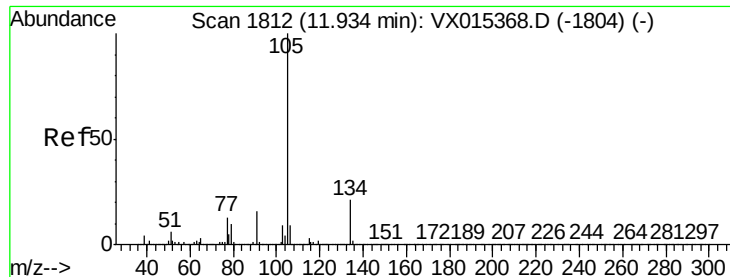
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.952 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	956632		
120	45.6	22.7	68.1	





#85

sec-Butylbenzene

Concen: 20.251 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion:105 Resp: 1076404

Ion Ratio Lower Upper

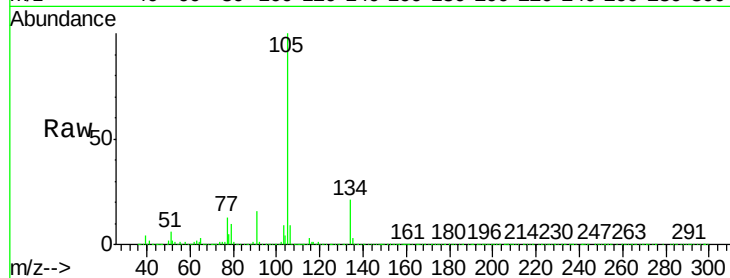
105 100

134 20.5 10.4 31.1

Manual Integrations
APPROVED

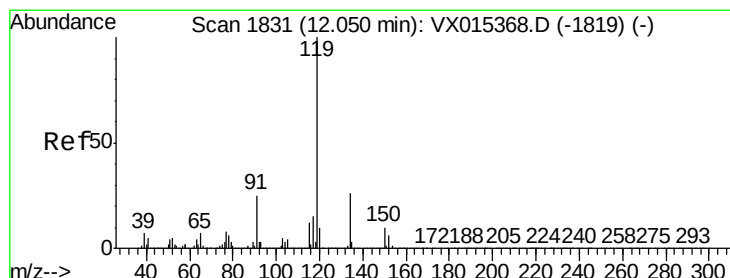
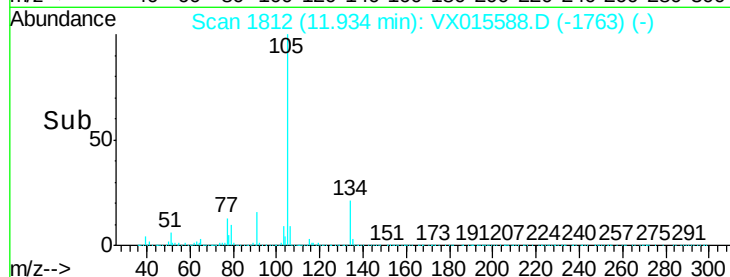
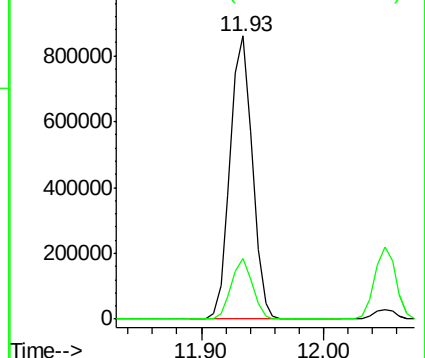
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.777 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015588.D

Acq: 09 Apr 2020 11:59

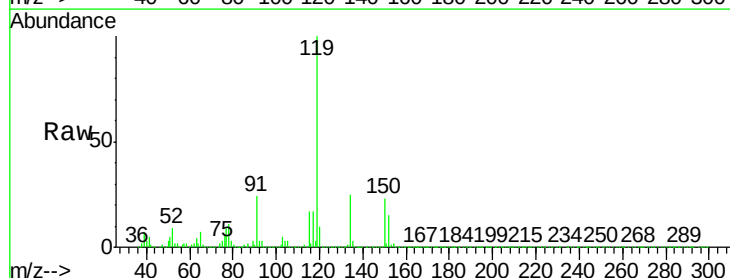
Tgt Ion:119 Resp: 1025239

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

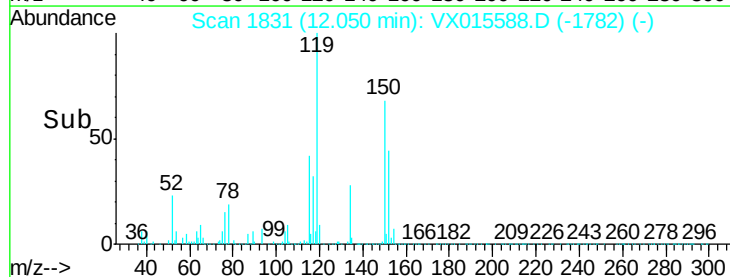
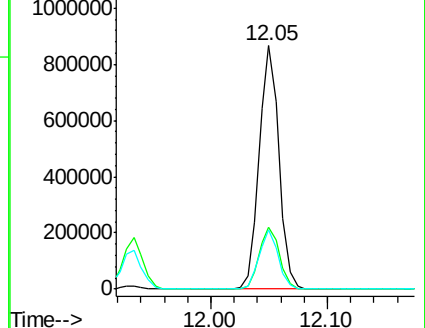
91 23.7 12.4 37.4

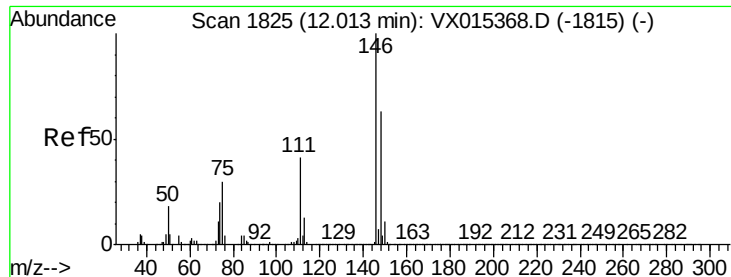


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





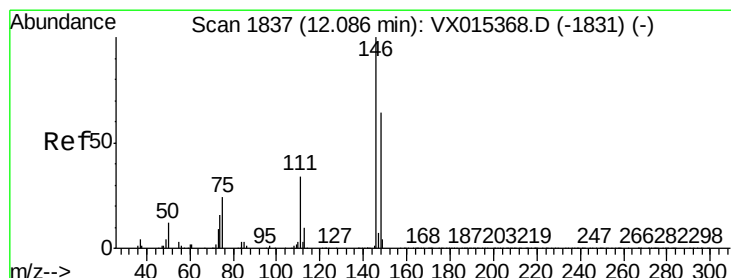
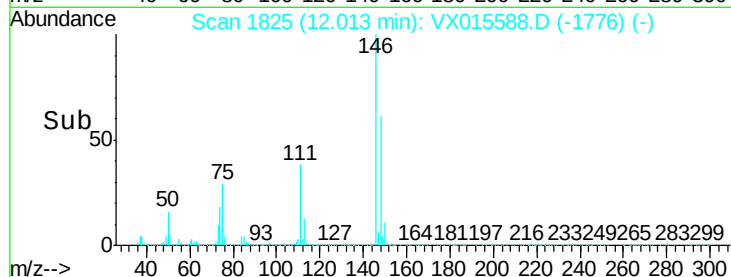
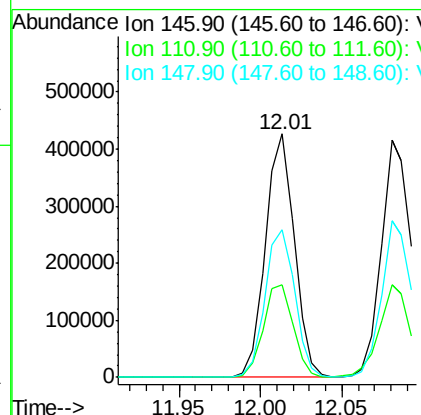
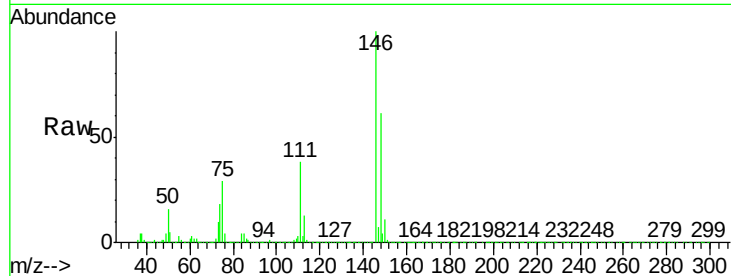
#87
 1,3-Dichlorobenzene
 Concen: 20.061 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.3	60.9
148	62.6	31.3	93.9

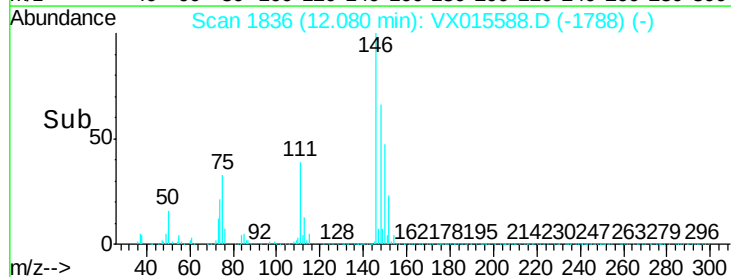
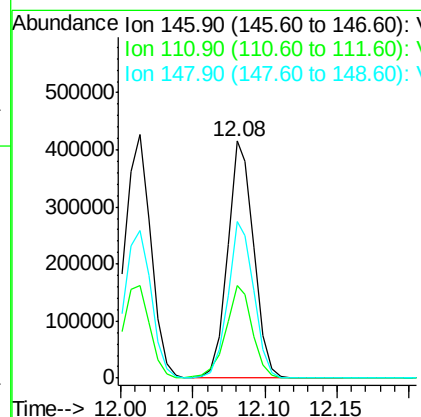
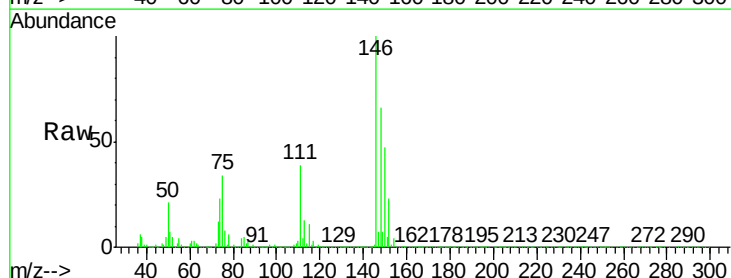
Manual Integrations
 APPROVED

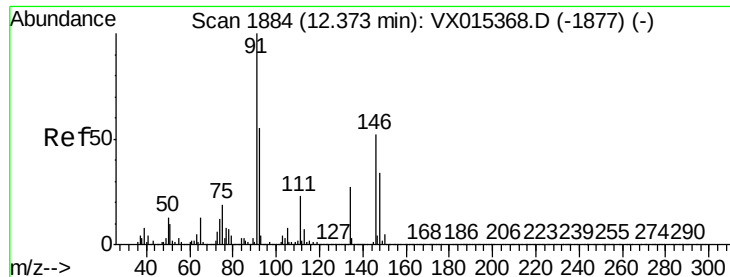
sam
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#88
 1,4-Dichlorobenzene
 Concen: 19.740 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.5
148	65.5	32.4	97.2





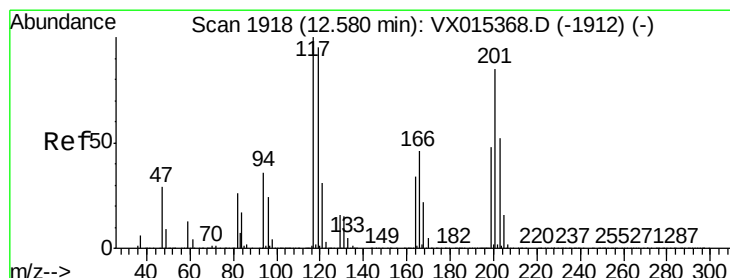
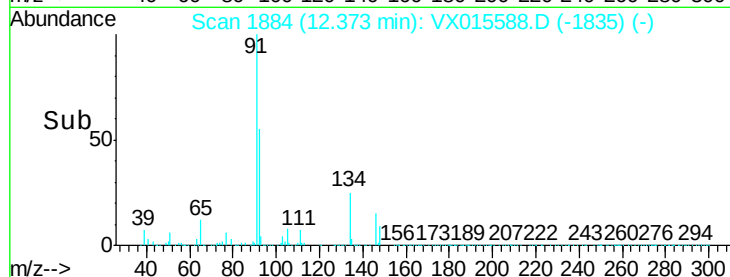
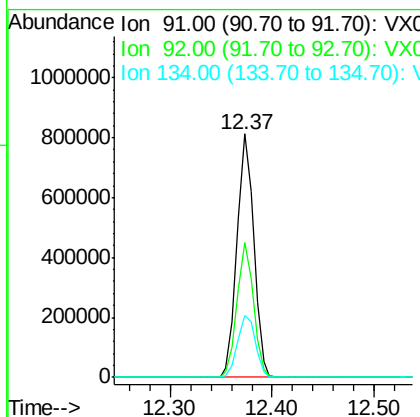
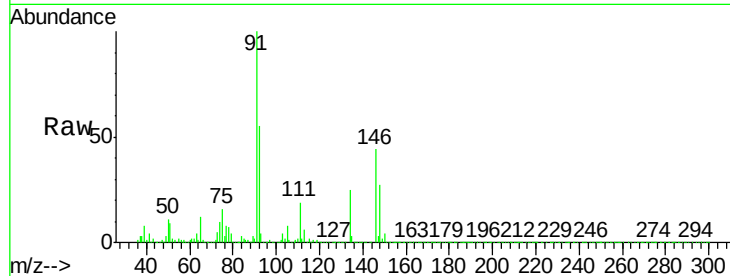
#89
n-Butylbenzene
Concen: 20.605 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.5
134	26.8	13.4	40.2

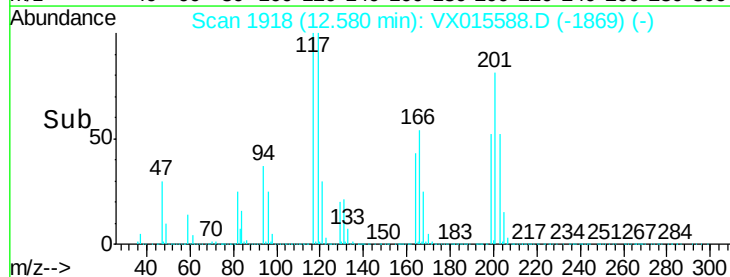
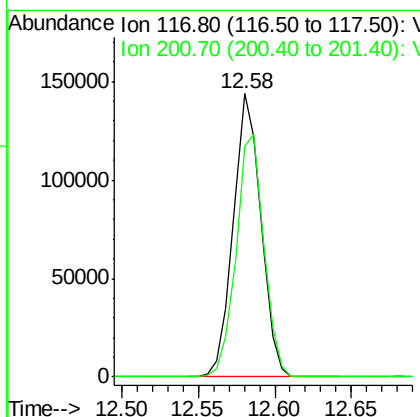
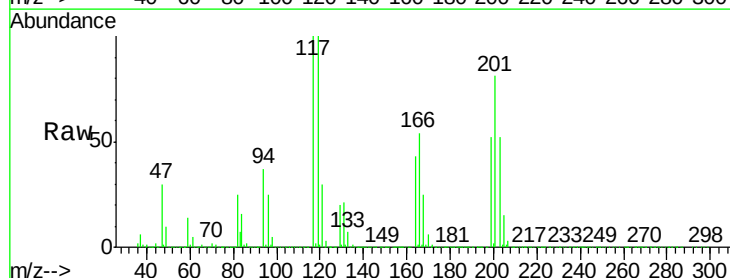
Manual Integrations
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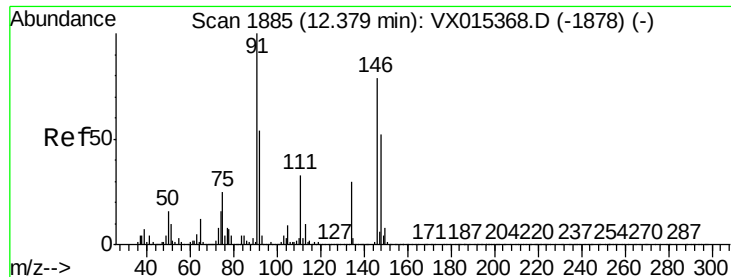
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#90
Hexachloroethane
Concen: 18.679 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	42.6	128.0





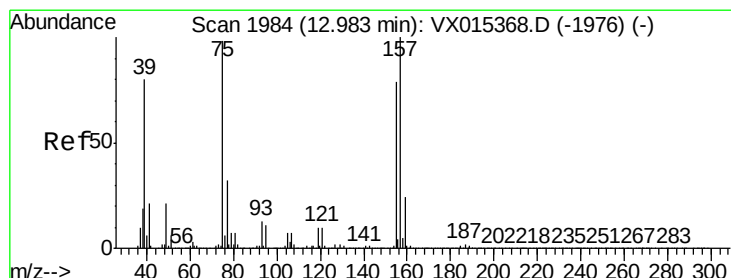
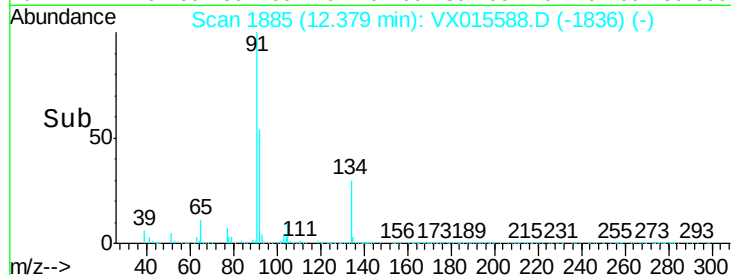
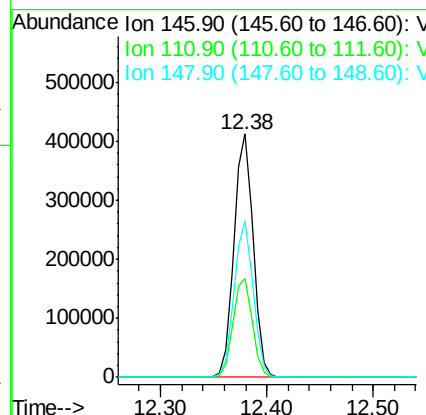
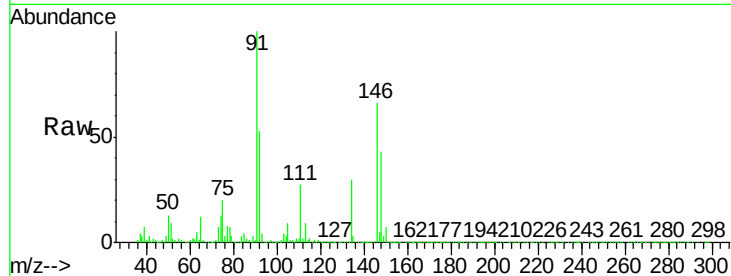
#91
 1,2-Dichlorobenzene
 Concen: 20.403 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.8	21.0	63.0	
148	63.5	32.4	97.0	

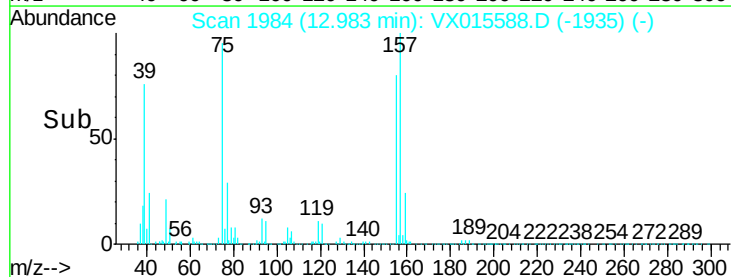
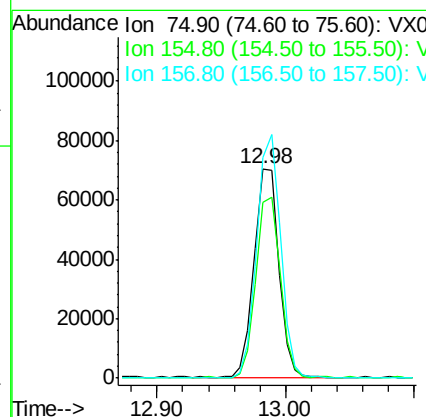
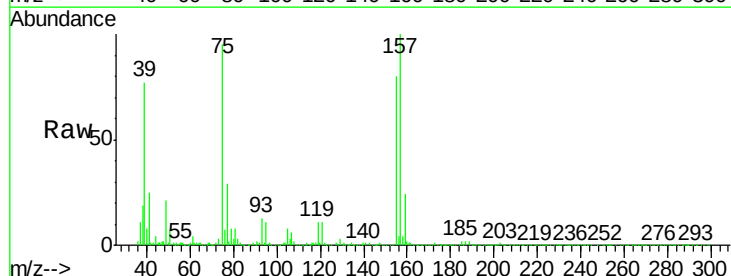
Manual Integrations
 APPROVED

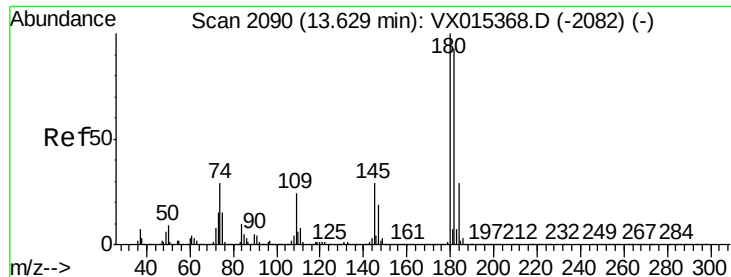
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.603 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.0	42.8	128.4	
157	110.2	53.4	160.3	





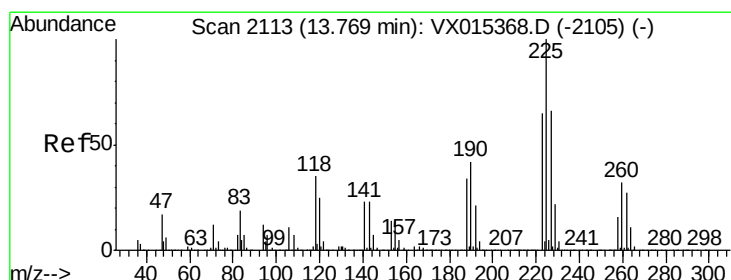
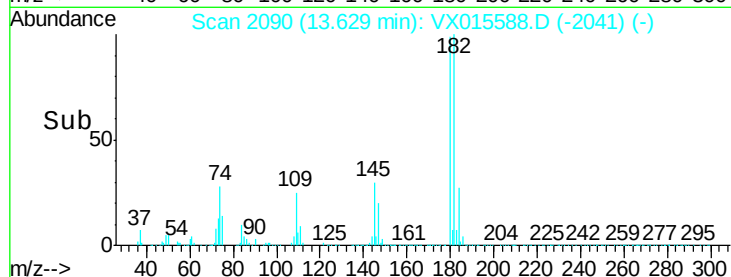
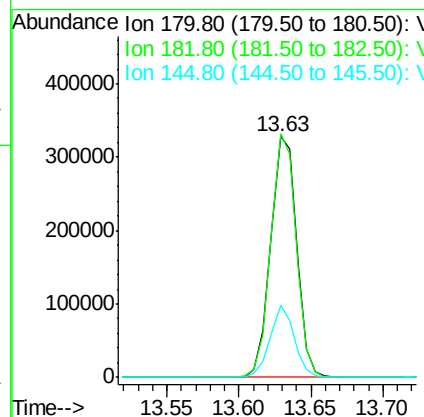
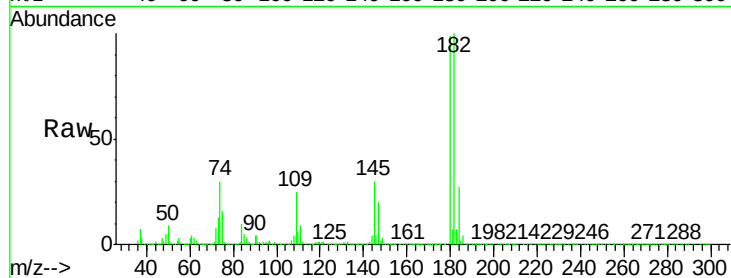
#93
 1,2,4-Trichlorobenzene
 Concen: 19.998 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.8	46.9	140.7	
145	28.2	14.9	44.5	

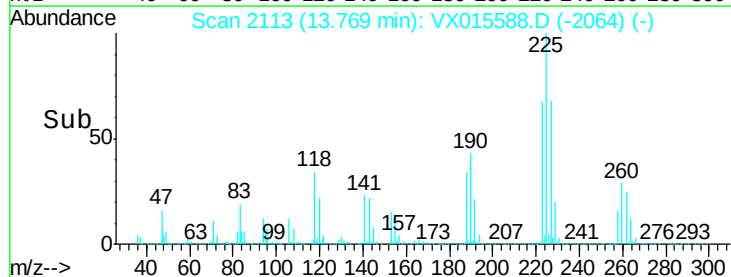
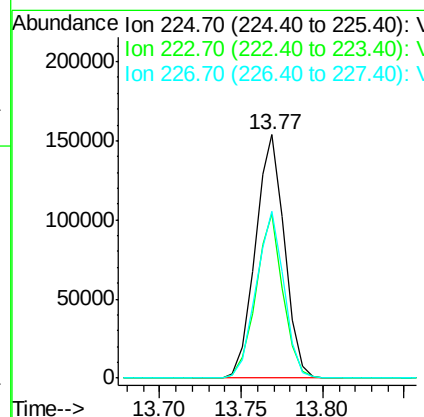
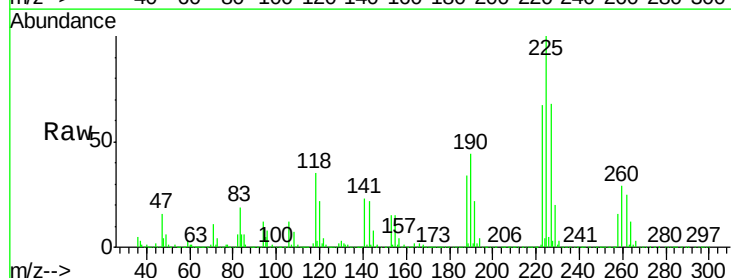
Manual Integrations
 APPROVED

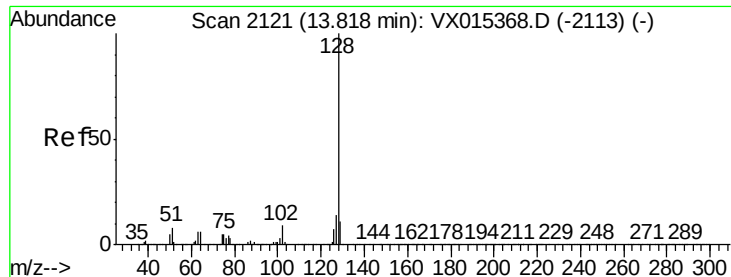
sam
 4/10/2020 2:12:41 PM



#94
 Hexachlorobutadiene
 Concen: 19.663 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015588.D
 Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.9	95.7	
227	65.8	30.4	91.3	





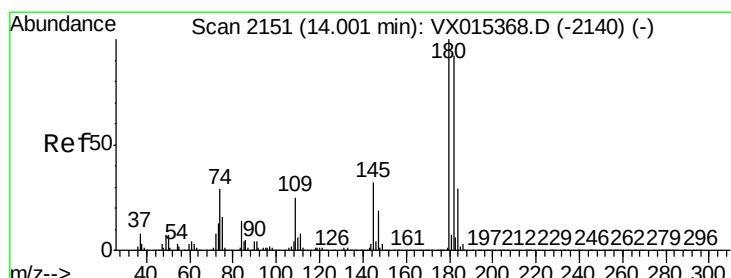
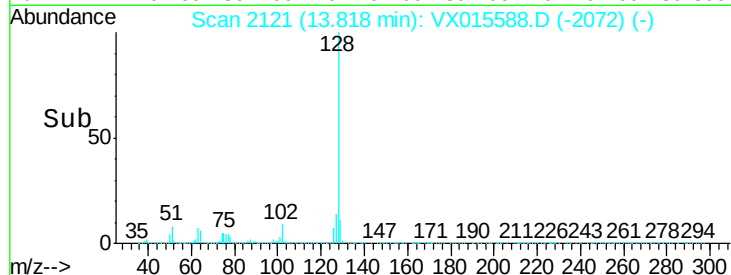
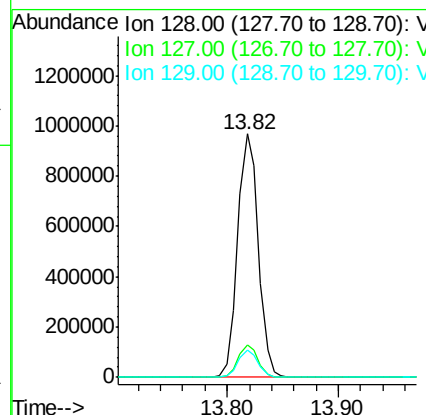
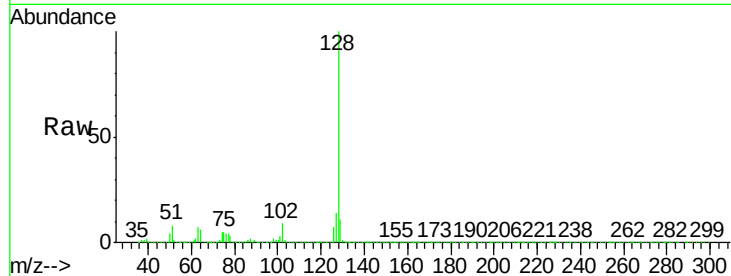
#95
Naphthalene
Concen: 19.943 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

sam
4/10/2020 2:12:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.290 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015588.D
Acq: 09 Apr 2020 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.7	140.0
145	31.0	15.8	47.3

