

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015735.D
 Acq On : 17 Apr 2020 14:08
 Operator : JC/SP
 Sample : VX0417MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:06:18 AM

Quant Time: Apr 20 03:25:14 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	1012181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1506920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1360281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	738913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	640922	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.47	113	482051	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.70	98	1802805	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.12	95	726640	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	139346	15.626	ug/l	99
3) Chloromethane	1.31	50	179200	15.780	ug/l	99
4) Vinyl Chloride	1.39	62	180159	17.277	ug/l	97
5) Bromomethane	1.63	94	134689	23.779	ug/l	100
6) Chloroethane	1.71	64	110989	17.162	ug/l	98
7) Trichlorofluoromethane	1.92	101	246213	17.606	ug/l	97
8) Diethyl Ether	2.17	74	101842	17.266	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	167230	18.344	ug/l	97
10) Methyl Iodide	2.49	142	131448	10.694	ug/l	98
11) Tert butyl alcohol	3.01	59	248908	72.845	ug/l	97
12) 1,1-Dichloroethene	2.36	96	159310	16.671	ug/l	96
13) Acrolein	2.27	56	209716	107.742	ug/l	99
14) Allyl chloride	2.71	41	352501	15.787	ug/l	99
15) Acrylonitrile	3.12	53	559525	85.864	ug/l	99
16) Acetone	2.42	43	504871	82.318	ug/l	96
17) Carbon Disulfide	2.55	76	408697	14.020	ug/l	99
18) Methyl Acetate	2.75	43	277581	17.733	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	632225	17.058	ug/l	99
20) Methylene Chloride	2.84	84	191953	16.756	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	179866	16.960	ug/l	98
22) Diisopropyl ether	3.83	45	693586	17.530	ug/l	98
23) Vinyl Acetate	3.79	43	2992154	83.525	ug/l	99
24) 1,1-Dichloroethane	3.67	63	351149	16.856	ug/l	98
25) 2-Butanone	4.64	43	800044	81.112	ug/l	100
26) 2,2-Dichloropropane	4.55	77	303377	17.742	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	216958	17.682	ug/l	97
28) Bromochloromethane	4.98	49	177487	17.845	ug/l	95
29) Tetrahydrofuran	5.09	42	516144	81.399	ug/l	98
30) Chloroform	5.18	83	349987	17.462	ug/l	100
31) Cyclohexane	5.55	56	307969	17.041	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	313105	17.262	ug/l	99
36) 1,1-Dichloropropene	5.78	75	256082	18.444	ug/l	99
37) Ethyl Acetate	4.80	43	311565	17.234	ug/l	98
38) Carbon Tetrachloride	5.76	117	266228	17.703	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	299777	18.726	ug/l	97
40) Benzene	6.12	78	758281	18.644	ug/l	95
41) Methacrylonitrile	5.01	41	181248	18.060	ug/l	98
42) 1,2-Dichloroethane	6.16	62	301579	18.460	ug/l	98
43) Isopropyl Acetate	6.42	43	530275	17.375	ug/l	99
44) Trichloroethene	7.19	130	211782	19.093	ug/l	100
45) 1,2-Dichloropropane	7.50	63	206080	18.522	ug/l	99
46) Dibromomethane	7.64	93	132878	18.206	ug/l	94
47) Bromodichloromethane	7.88	83	278126	17.884	ug/l	98
48) Methyl methacrylate	7.75	41	261565	17.159	ug/l	97
49) 1,4-Dioxane	7.72	88	98210	345.357	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1587882	91.808	ug/l	99
52) Toluene	8.77	92	484917	19.339	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	308075	16.891	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	332163	17.878	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	200590	19.525	ug/l	97
56) Ethyl methacrylate	9.16	69	322556	17.815	ug/l	96
57) 1,3-Dichloropropane	9.36	76	343405	18.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	806062	91.529	ug/l	100
59) 2-Hexanone	9.48	43	1187357	90.931	ug/l	99
60) Dibromochloromethane	9.57	129	221982	17.982	ug/l	98
61) 1,2-Dibromoethane	9.65	107	206611	18.496	ug/l	99
64) Tetrachloroethene	9.32	164	206203	20.087	ug/l	95
65) Chlorobenzene	10.12	112	530997	19.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	201521	18.594	ug/l	99
67) Ethyl Benzene	10.24	91	916685	19.052	ug/l	97
68) m/p-Xylenes	10.34	106	700756	39.113	ug/l	99
69) o-Xylene	10.68	106	349711	19.753	ug/l	96
70) Styrene	10.70	104	607915	19.514	ug/l	97
71) Bromoform	10.84	173	170876	17.320	ug/l #	100
73) Isopropylbenzene	11.00	105	925572	19.117	ug/l	99
74) N-amyl acetate	10.88	43	439747	16.331	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	300657	18.098	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	272402m	17.927	ug/l	
77) Bromobenzene	11.24	156	238809	18.492	ug/l	97
78) n-propylbenzene	11.34	91	1051070	18.986	ug/l	100
79) 2-Chlorotoluene	11.40	91	630413	18.579	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	796429	19.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	94528	14.927	ug/l	99
82) 4-Chlorotoluene	11.50	91	735660	18.494	ug/l	99
83) tert-Butylbenzene	11.76	119	758118	18.771	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	791433	18.783	ug/l	100
85) sec-Butylbenzene	11.93	105	899644	19.260	ug/l	100
86) p-Isopropyltoluene	12.05	119	828066	19.096	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	443441	19.181	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	442911	18.808	ug/l	99
89) n-Butylbenzene	12.37	91	741934	18.933	ug/l	99
90) Hexachloroethane	12.58	117	138891	16.456	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	439686	19.434	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67466	14.388	ug/l	92

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ClientSampleId :
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QLast Update : Fri Mar 27 09:35:51 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	342297	19.127	ug/l	98
94) Hexachlorobutadiene	13.77	225	164647	19.324	ug/l	98
95) Naphthalene	13.82	128	1021502	18.712	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	346664	20.119	ug/l	98

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

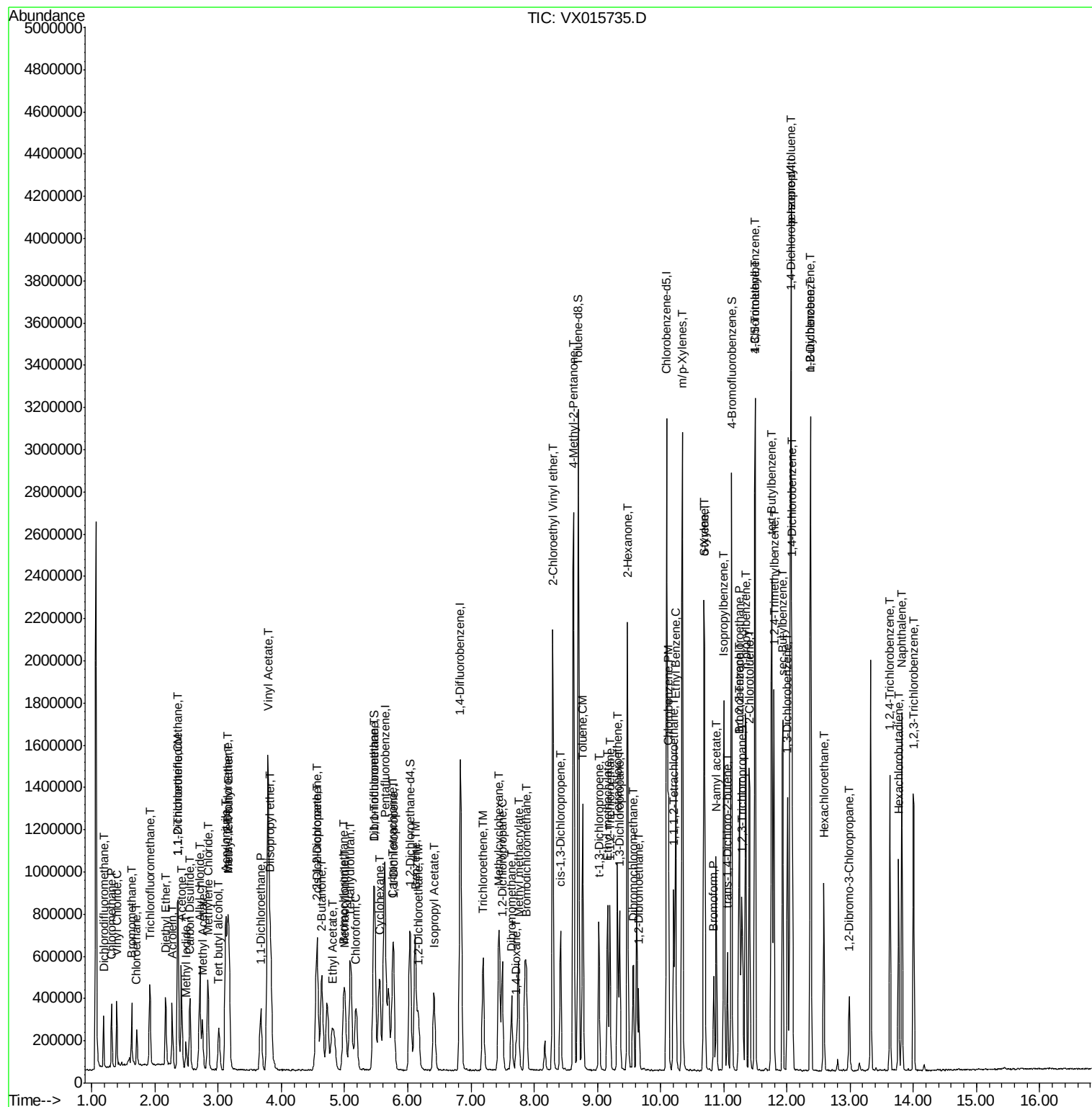
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 Data File : VX015735.D
 Acq On : 17 Apr 2020 14:08
 Operator : JC/SP
 Sample : VX0417MBS01
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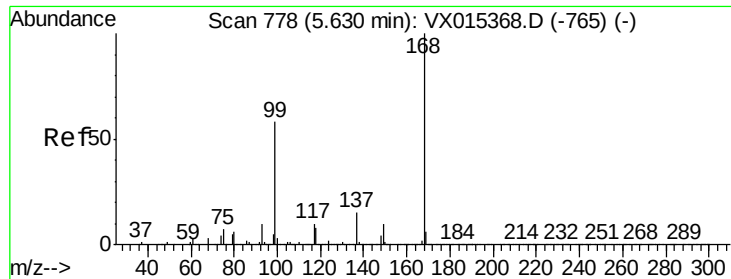
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion:168 Resp: 1012181

Ion Ratio Lower Upper

168 100

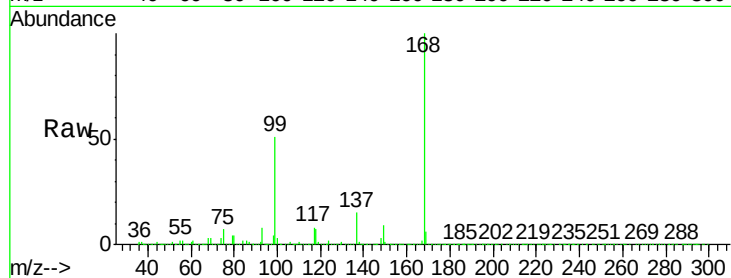
99 51.0 46.4 69.6

Manual Integrations

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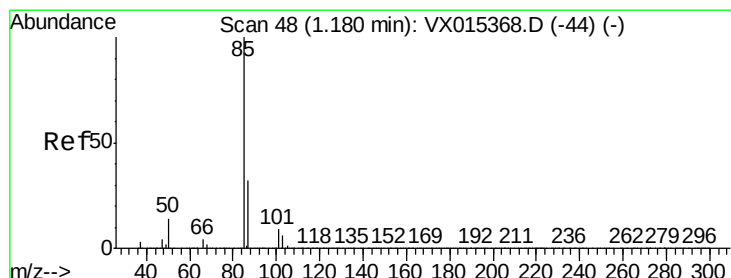
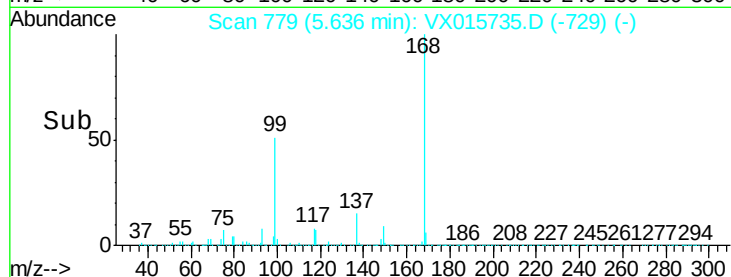
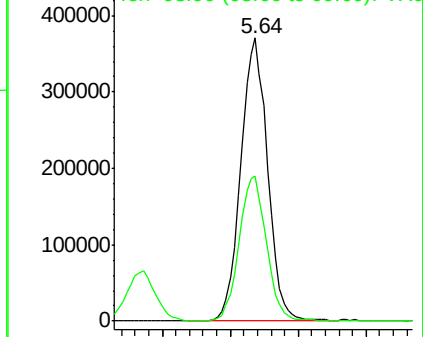
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.626 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015735.D

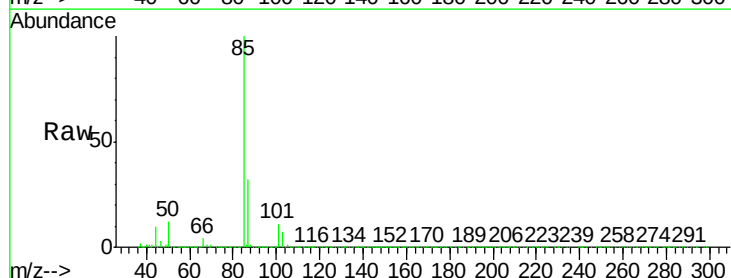
Acq: 17 Apr 2020 14:08

Tgt Ion: 85 Resp: 139346

Ion Ratio Lower Upper

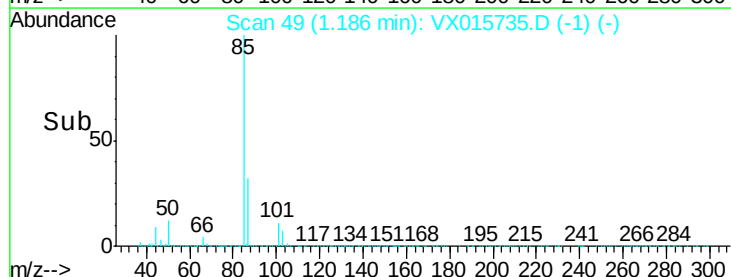
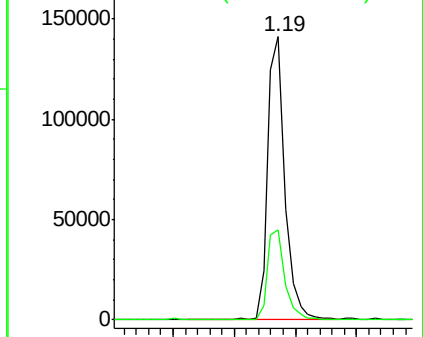
85 100

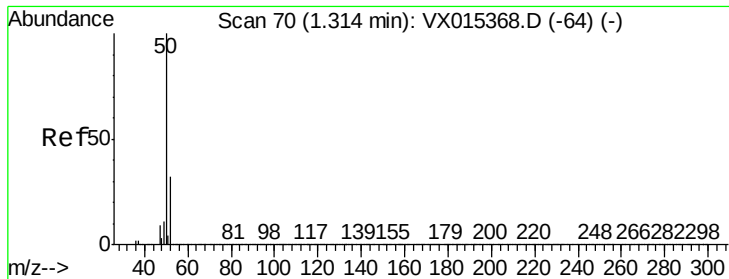
87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.780 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 50 Resp: 179200

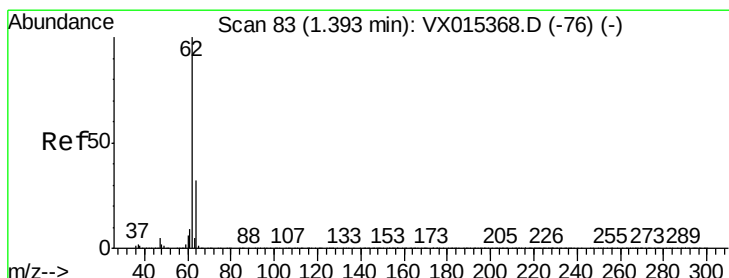
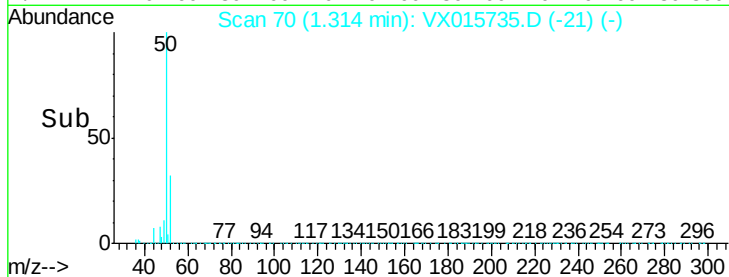
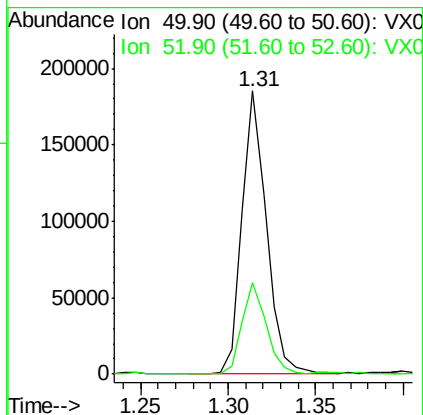
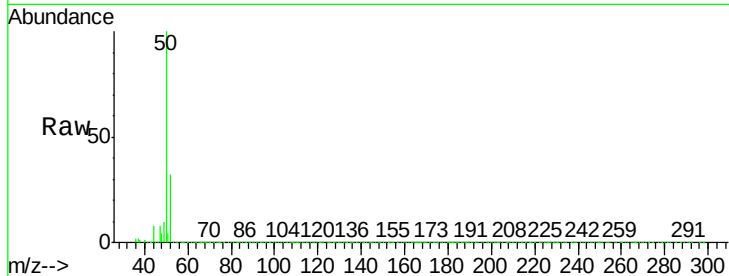
Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.277 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015735.D

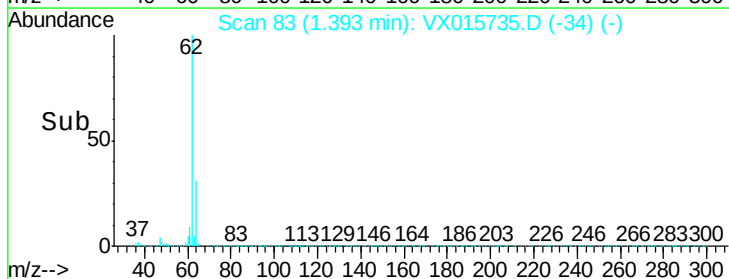
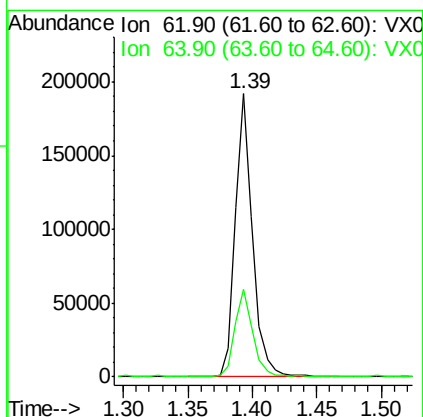
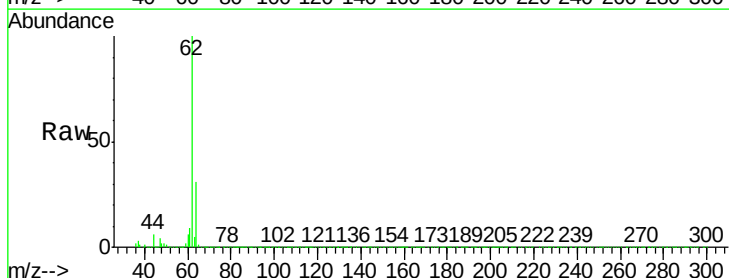
Acq: 17 Apr 2020 14:08

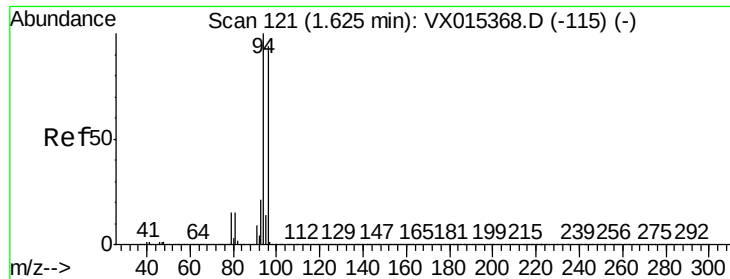
Tgt Ion: 62 Resp: 180159

Ion Ratio Lower Upper

62 100

64 31.0 26.0 39.0





#5

Bromomethane

Concen: 23.779 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 134689

Ion Ratio Lower Upper

94 100

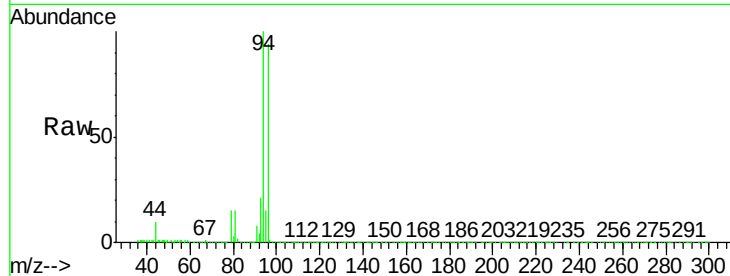
96 93.9 74.8 112.2

Manual Integrations

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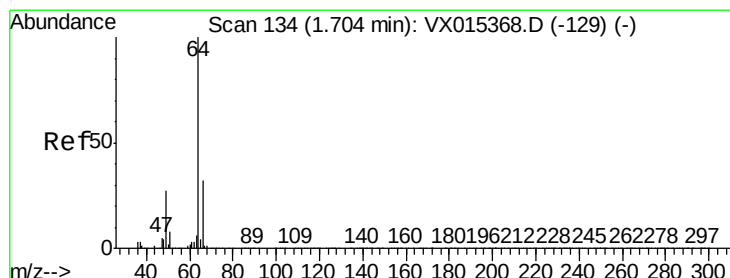
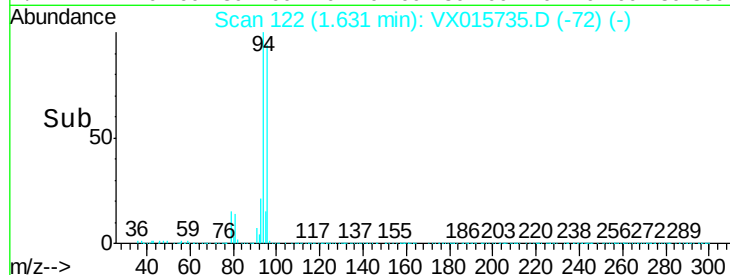
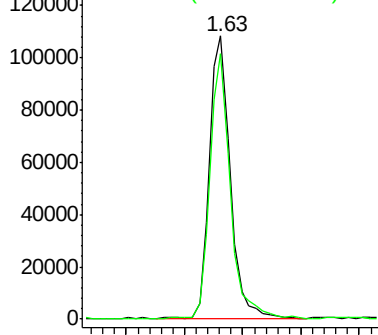
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.162 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015735.D

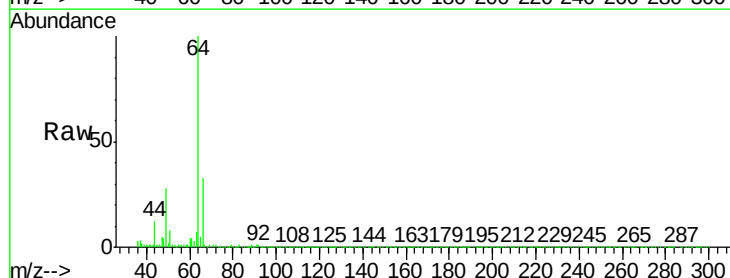
Acq: 17 Apr 2020 14:08

Tgt Ion: 64 Resp: 110989

Ion Ratio Lower Upper

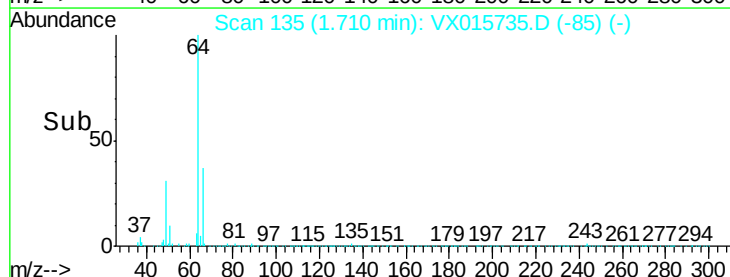
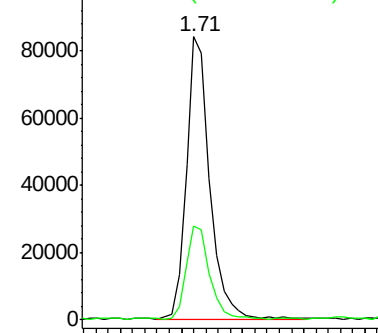
64 100

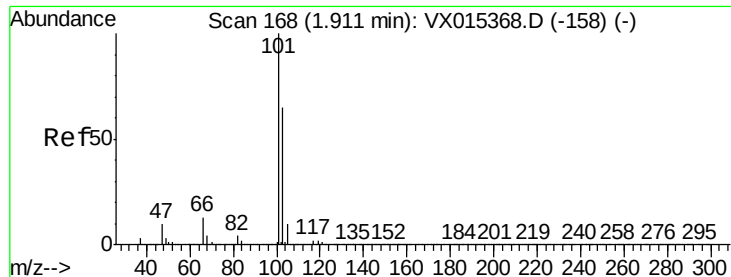
66 32.7 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

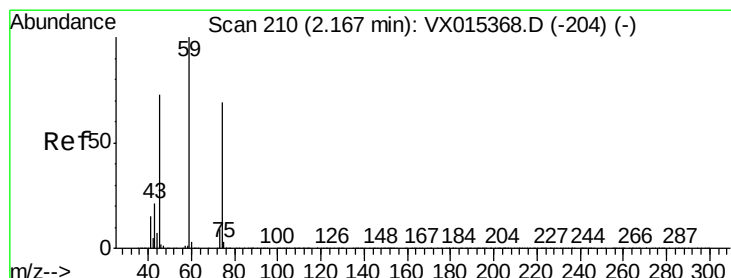
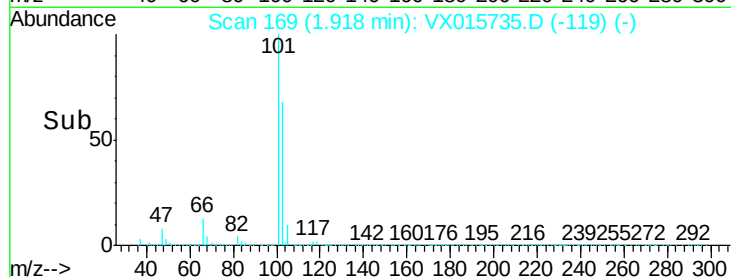
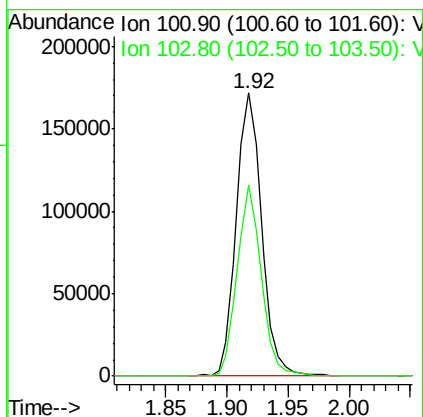
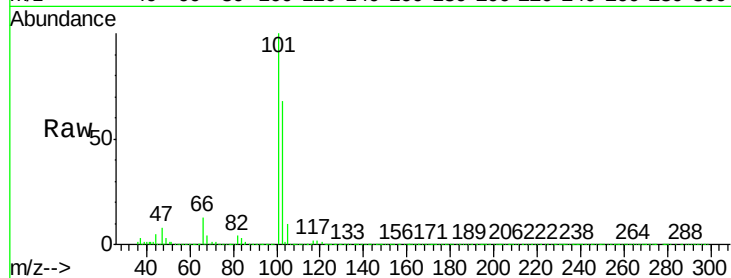
Trichlorofluoromethane
Concen: 17.606 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
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ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	246213		
103	67.6	52.3	78.5	

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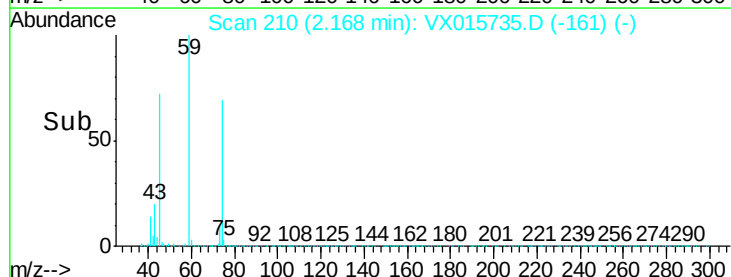
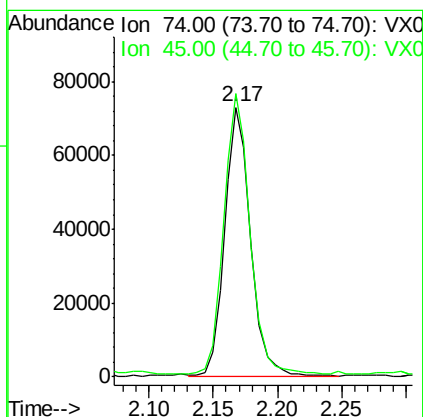
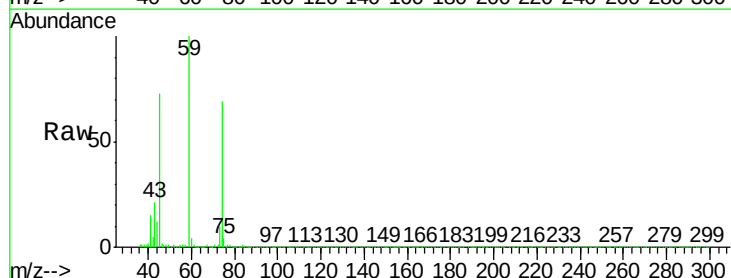
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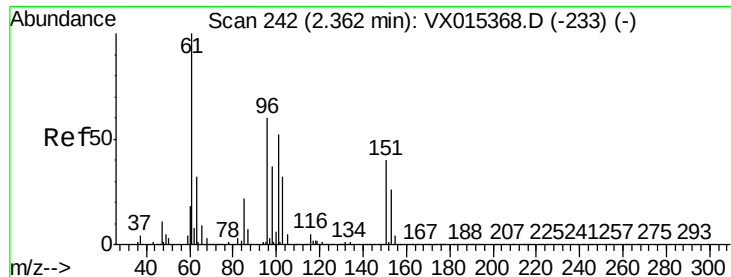


#8

Diethyl Ether
Concen: 17.266 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	101842		
45	106.3	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.344 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

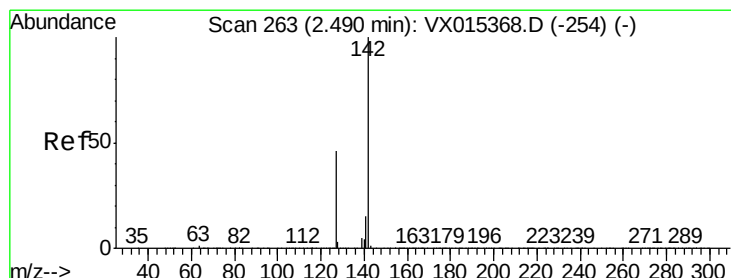
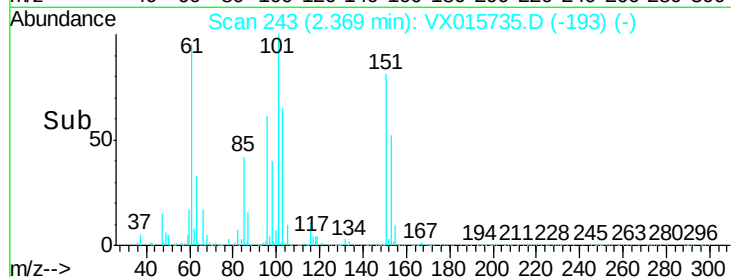
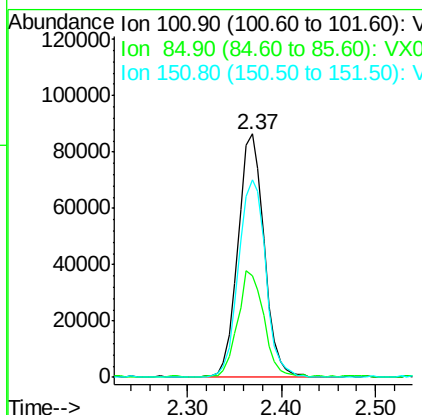
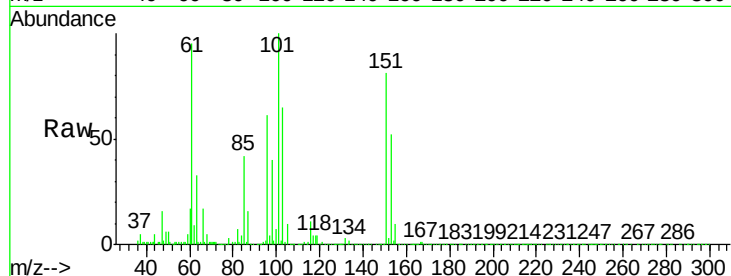
ClientSampleId :

VX0417MBS01

Tot Ion:	101	Resp:	167230
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	84.0	64.1	96.1

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#10

Methyl Iodide

Concen: 10.694 ug/l

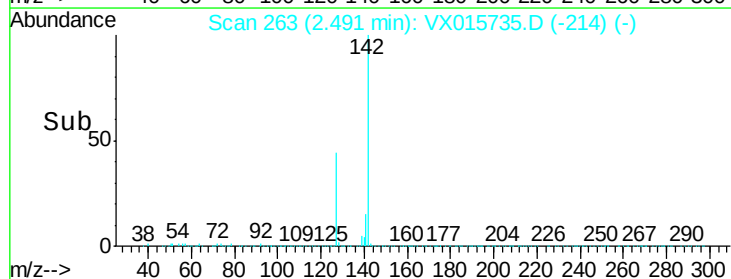
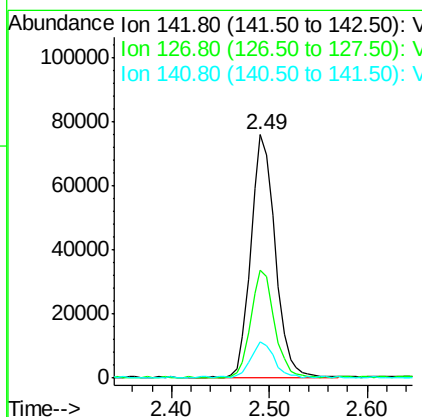
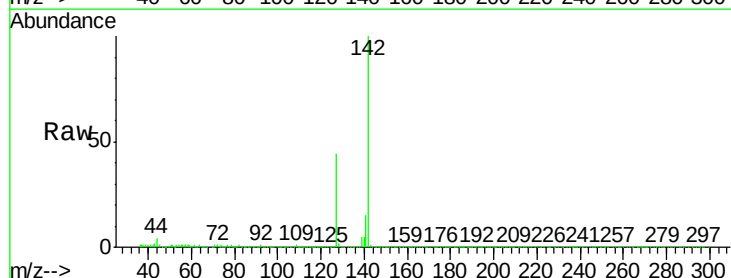
RT: 2.49 min Scan# 263

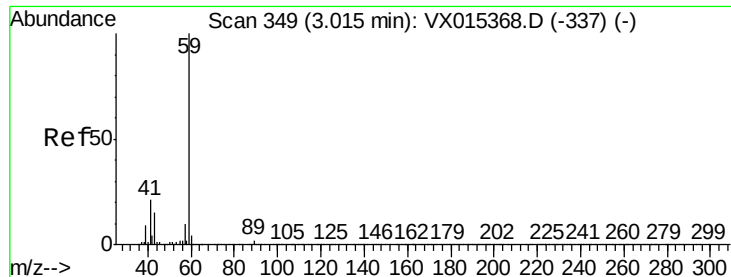
Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion:	142	Resp:	131448
Ion Ratio	Lower	Upper	
142	100		
127	43.5	35.9	53.9
141	14.2	11.6	17.4





#11

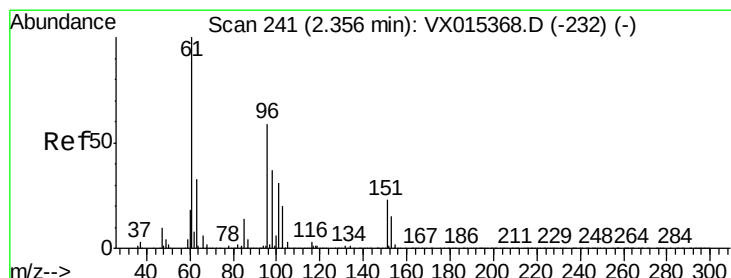
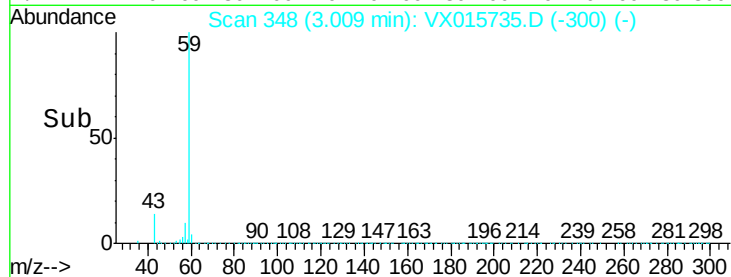
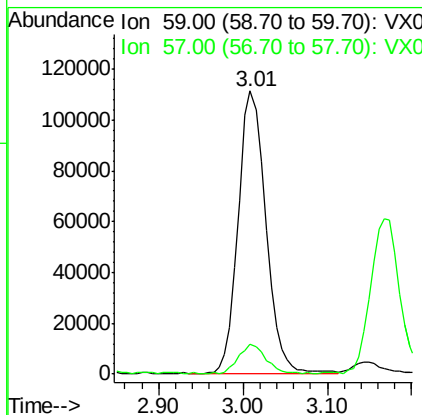
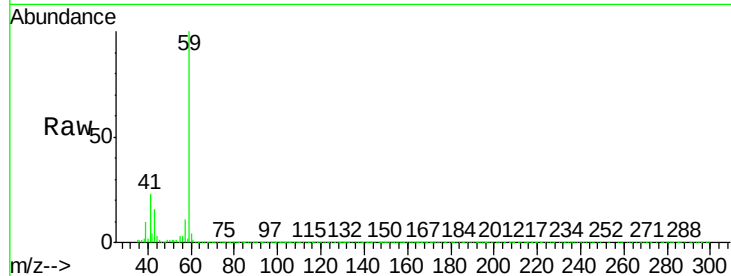
Tert butyl alcohol
Concen: 72.845 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.1	12.1

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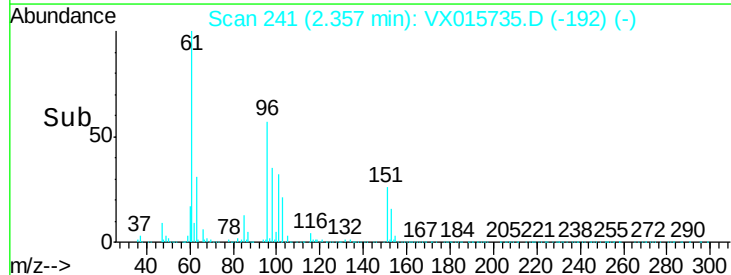
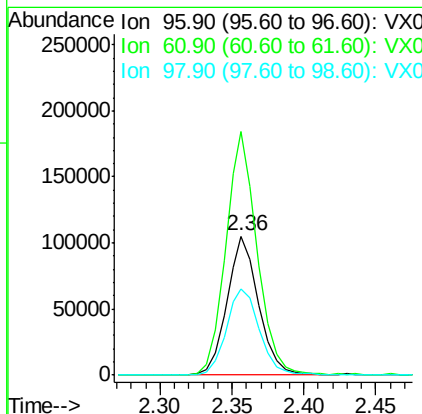
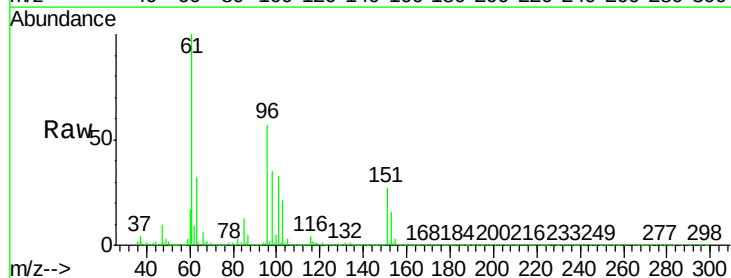
MMDadoda
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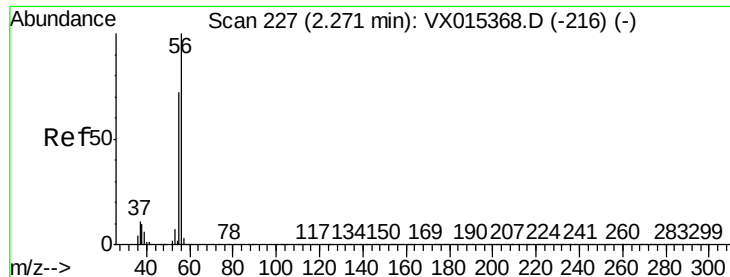


#12

1,1-Dichloroethene
Concen: 16.671 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.5	135.7	203.5
98	62.0	50.6	75.8





#13

Acrolein

Concen: 107.742 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 56 Resp: 209716

Ion Ratio Lower Upper

56 100

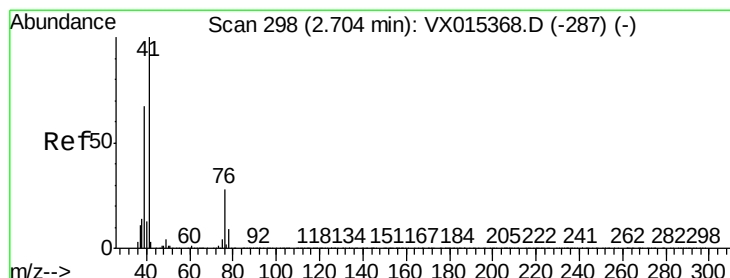
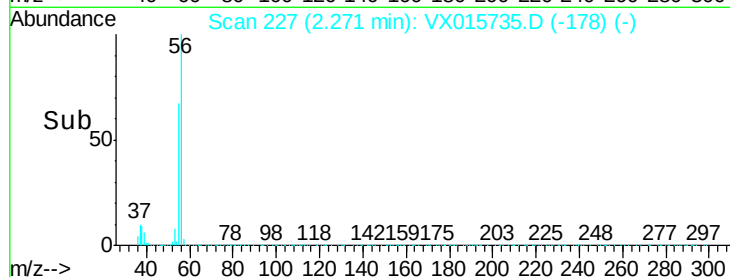
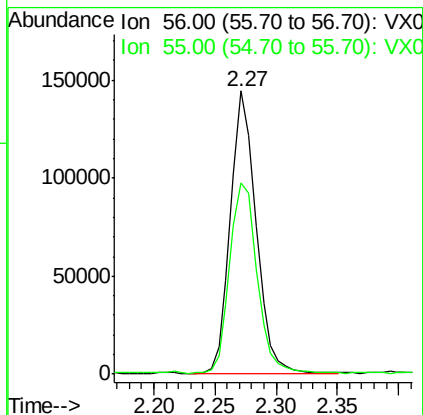
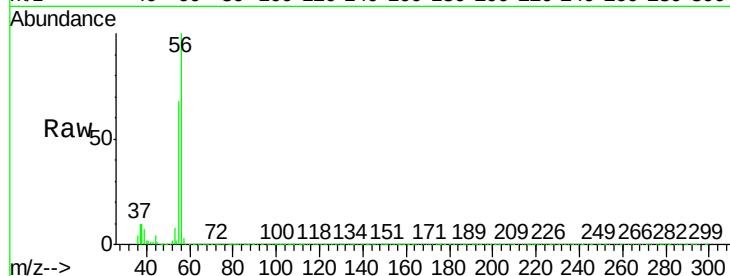
55 71.7 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 15.787 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

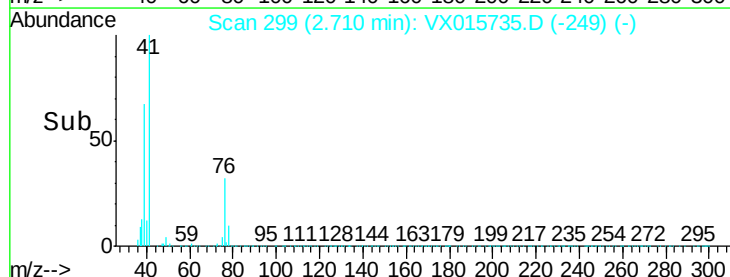
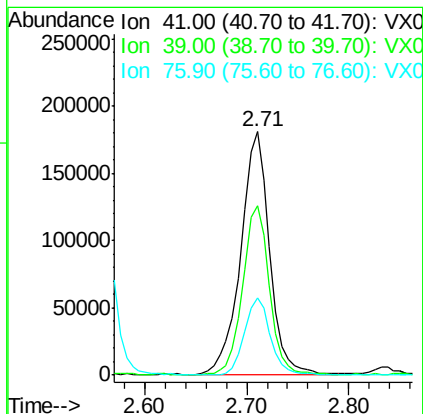
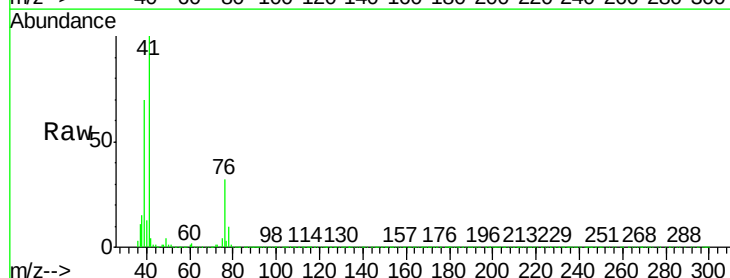
Tgt Ion: 41 Resp: 352501

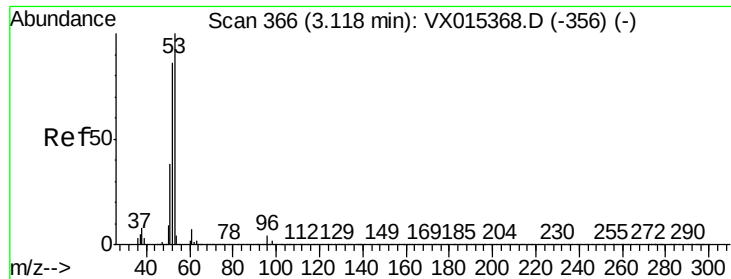
Ion Ratio Lower Upper

41 100

39 64.4 51.4 77.0

76 28.5 21.8 32.8





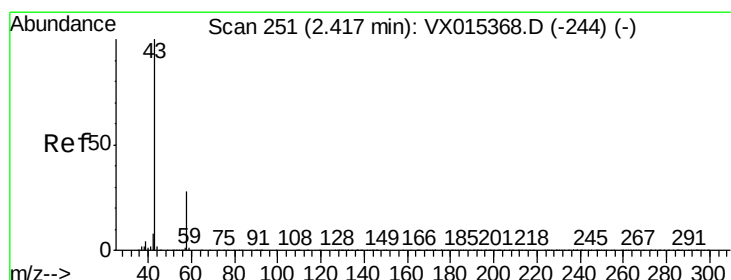
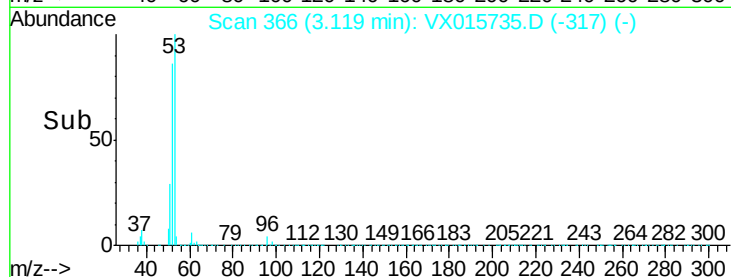
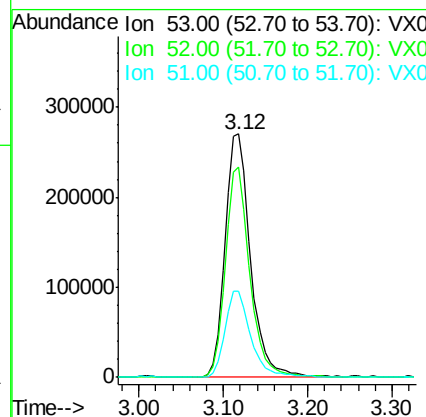
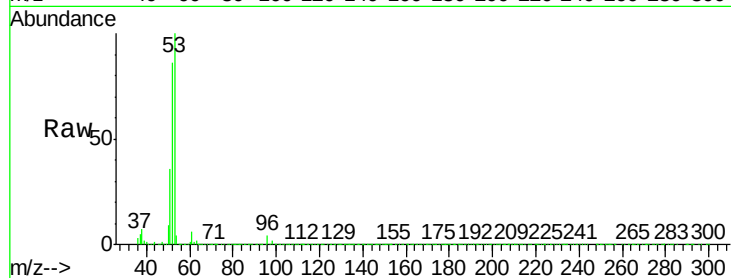
#15
 Acrylonitrile
 Concen: 85.864 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	35.8	29.5	44.3

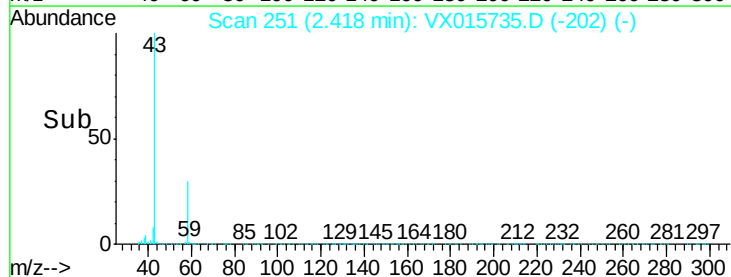
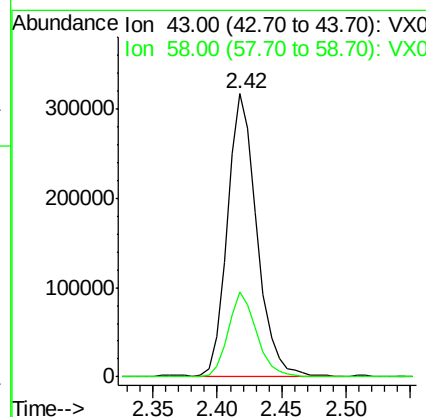
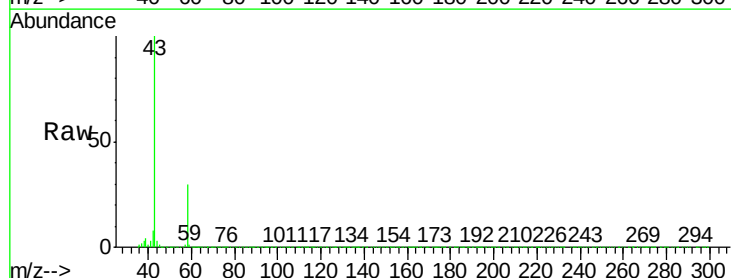
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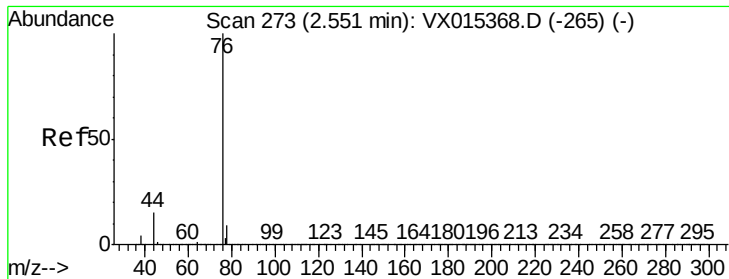
MMDadoda
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#16
 Acetone
 Concen: 82.318 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.1	33.1





#17

Carbon Disulfide

Concen: 14.020 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 76 Resp: 408697

Ion Ratio Lower Upper

76 100

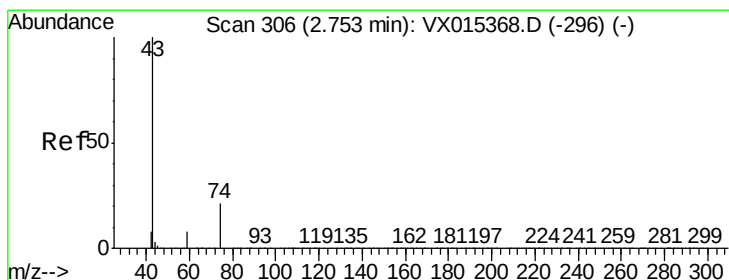
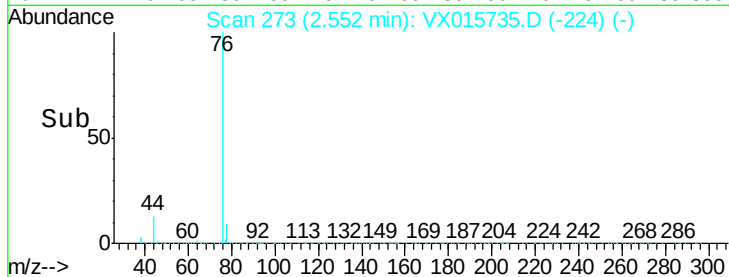
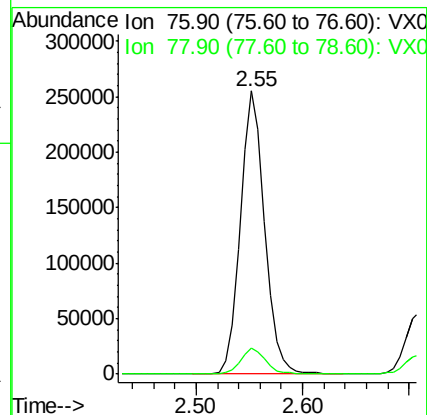
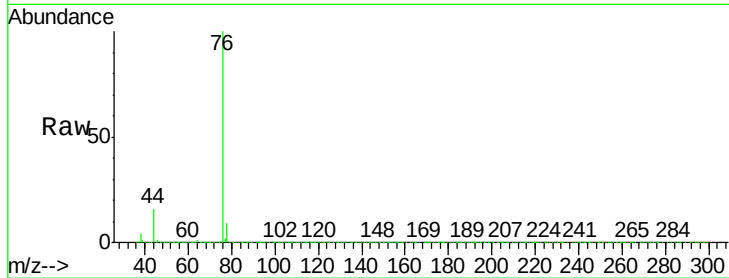
78 9.2 7.1 10.7

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#18

Methyl Acetate

Concen: 17.733 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015735.D

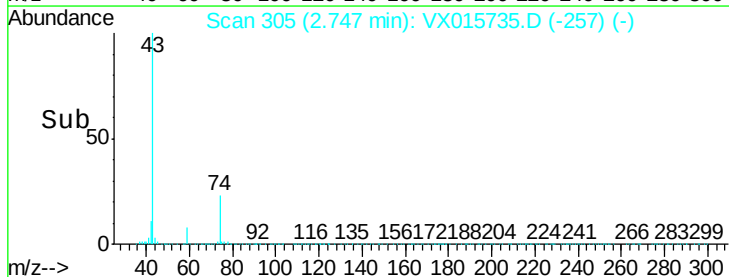
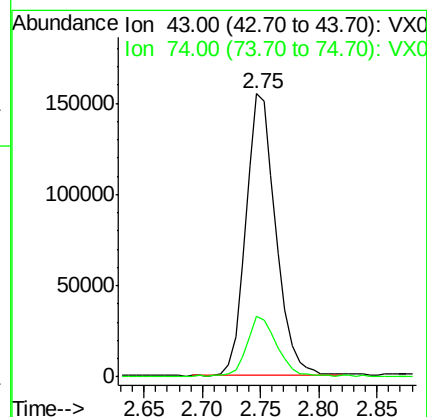
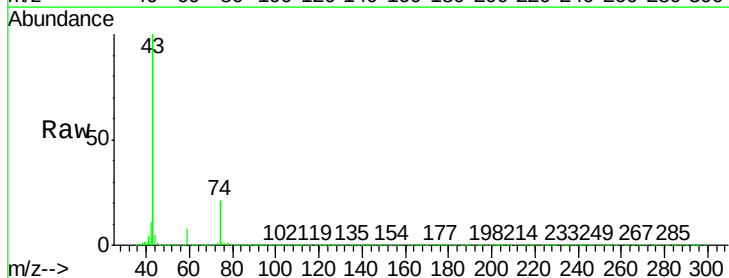
Acq: 17 Apr 2020 14:08

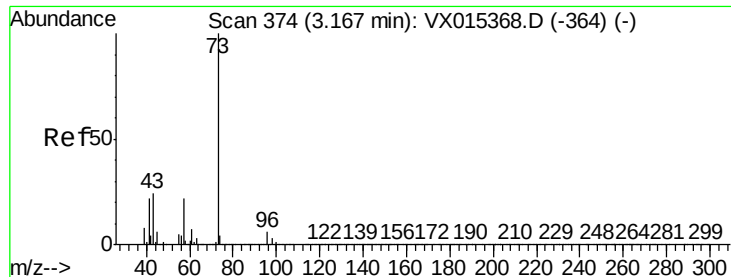
Tgt Ion: 43 Resp: 277581

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7





#19

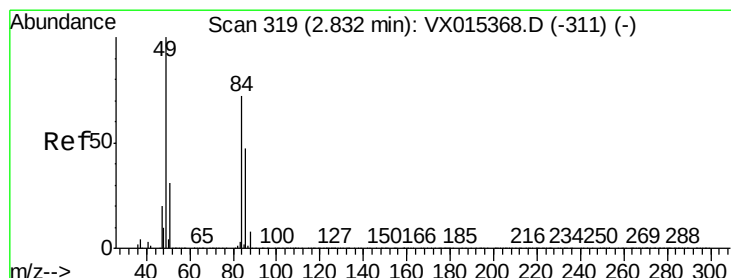
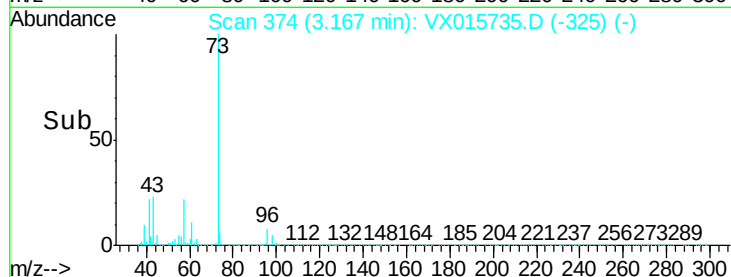
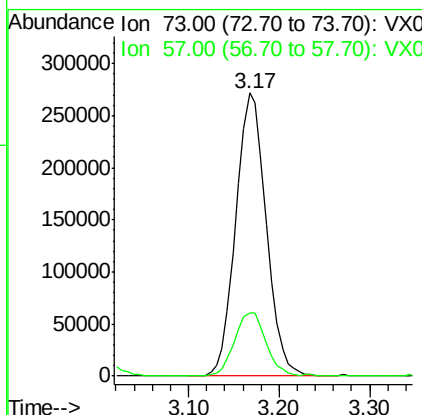
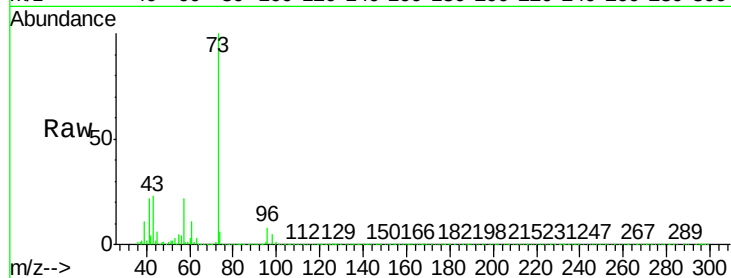
Methyl tert-butyl Ether
 Concen: 17.058 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.9	26.9

Manual Integrations
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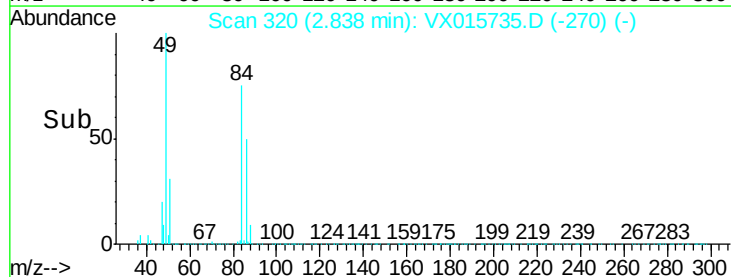
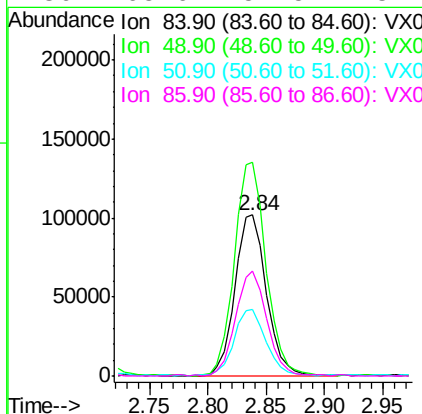
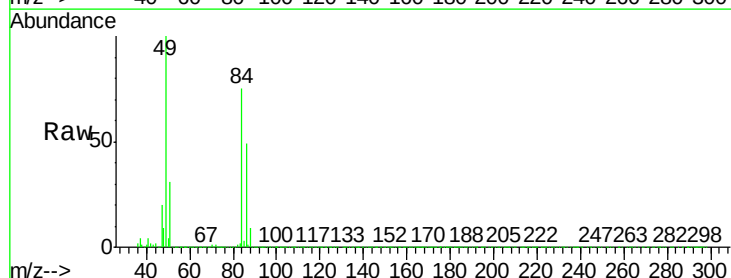
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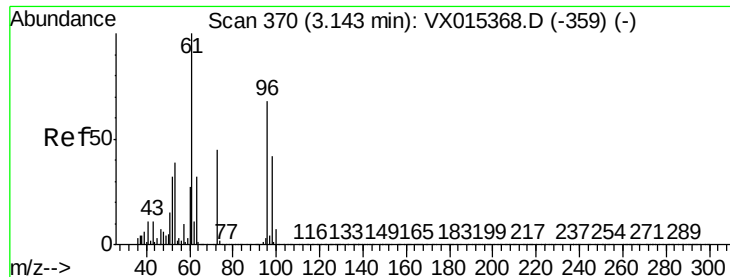


#20

Methylene Chloride
 Concen: 16.756 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.0	111.3	166.9
51	41.0	34.0	51.0
86	65.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 16.960 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

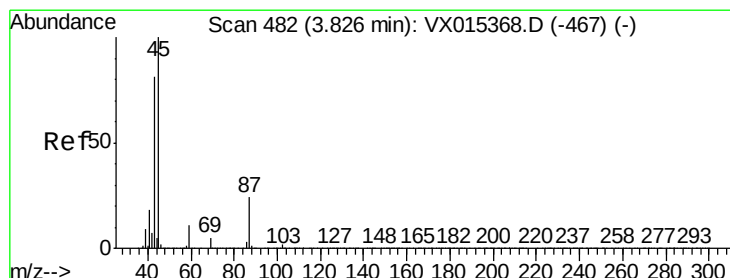
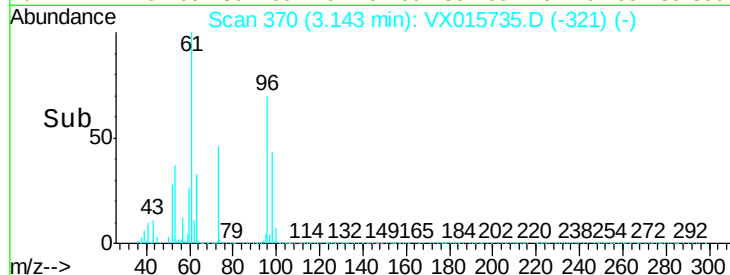
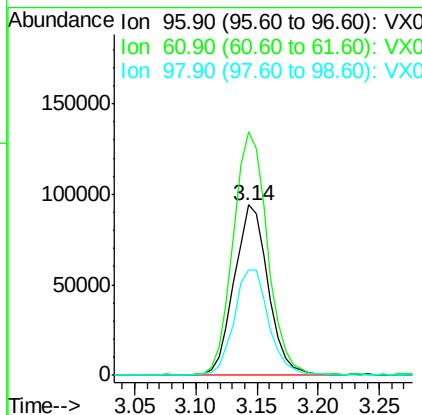
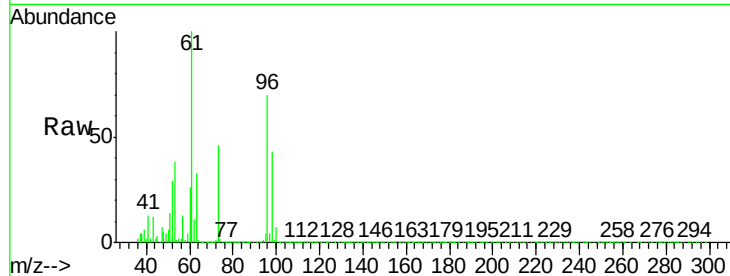
ClientSampleId :

VX0417MBS01

Tot Ion:	96	Resp:	179866
Ion Ratio	Lower	Upper	
96	100		
61	142.7	116.9	175.3
98	62.1	48.6	73.0

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#22

Diisopropyl ether

Concen: 17.530 ug/l

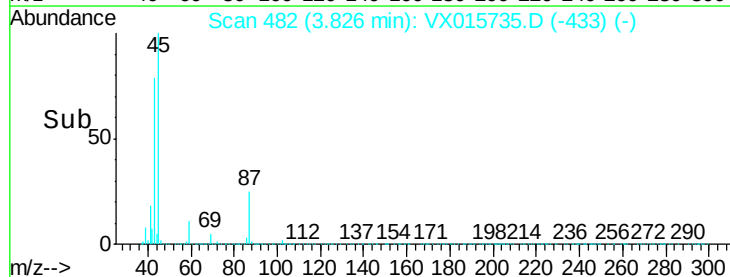
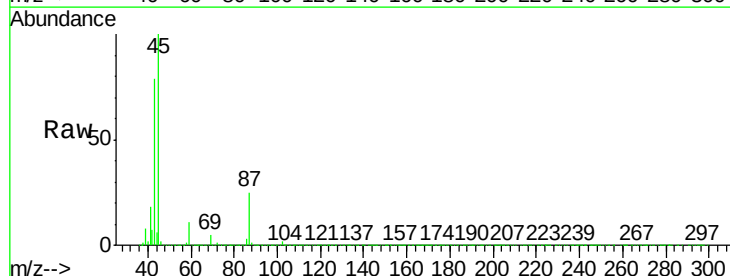
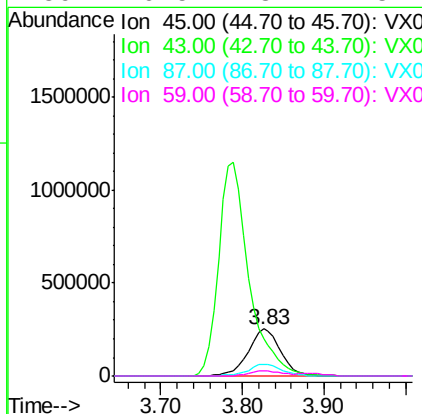
RT: 3.83 min Scan# 482

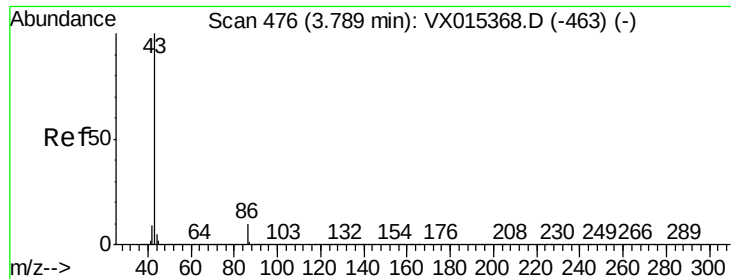
Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion:	45	Resp:	693586
Ion Ratio	Lower	Upper	
45	100		
43	78.8	64.7	97.1
87	24.8	19.4	29.0
59	10.5	8.7	13.1





#23

Vinyl Acetate

Concen: 83.525 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 43 Resp: 2992154

Ion Ratio Lower Upper

43 100

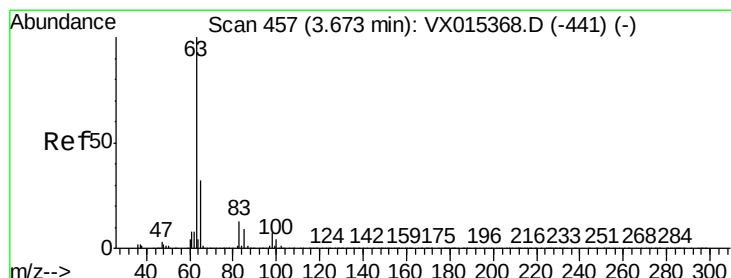
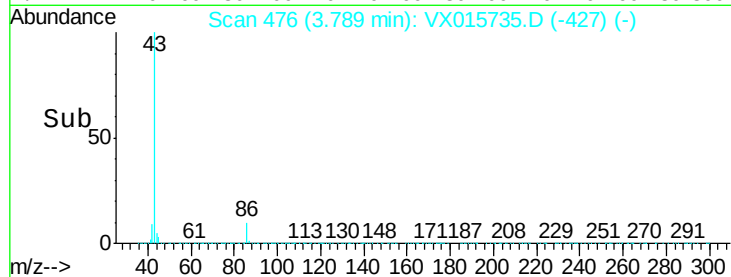
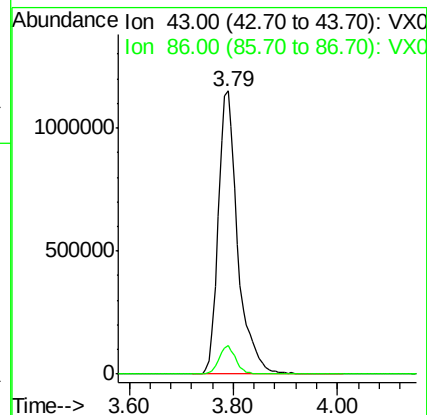
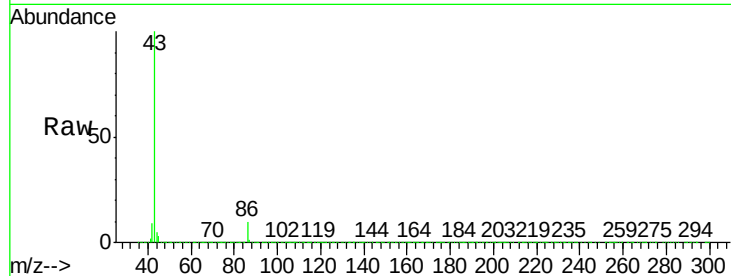
86 10.2 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.856 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

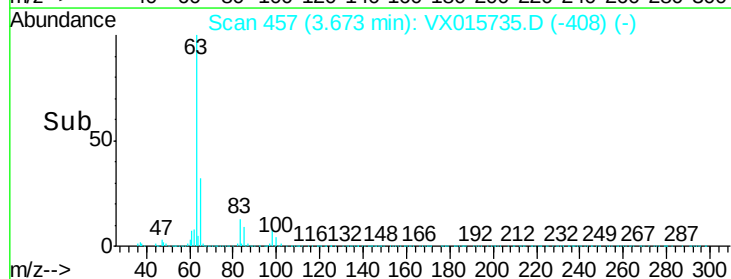
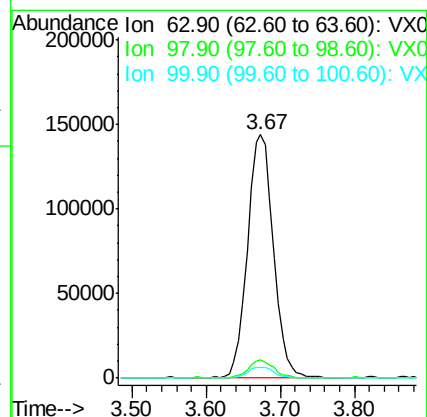
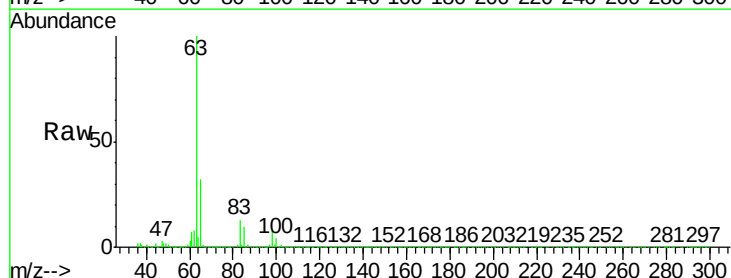
Tgt Ion: 63 Resp: 351149

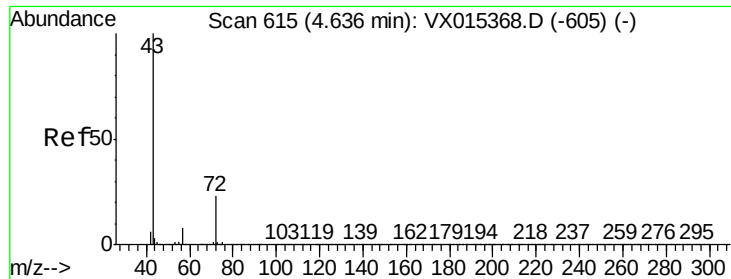
Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 81.112 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tot Ion: 43 Resp: 800044

Ion Ratio Lower Upper

43 100

72 23.7 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

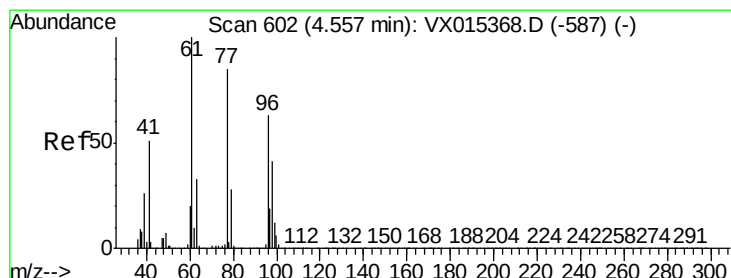
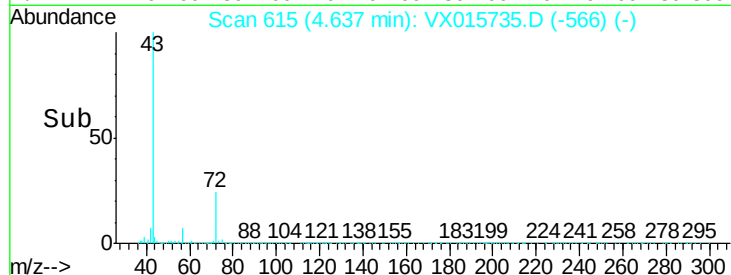
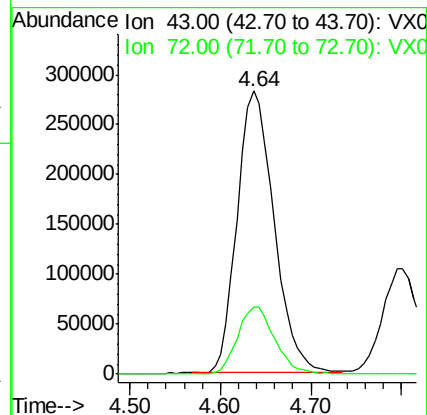
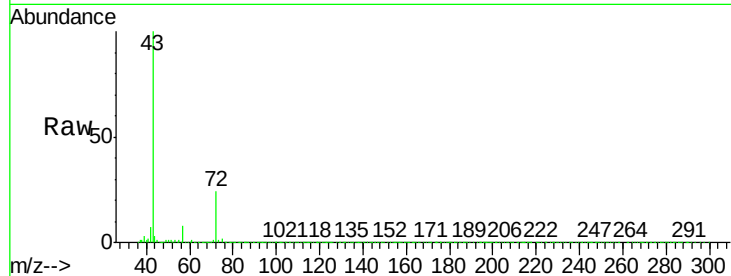
VX0417MBS01

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#26

2,2-Dichloropropane

Concen: 17.742 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015735.D

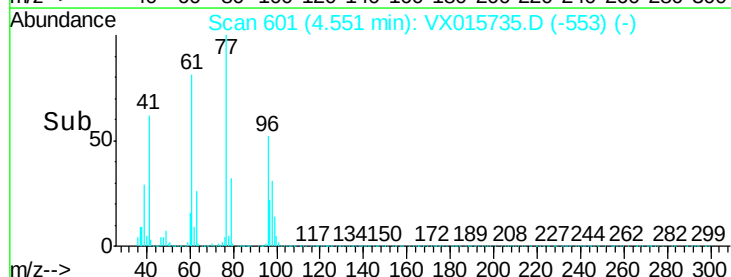
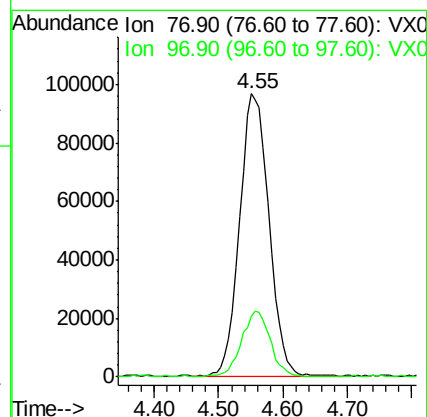
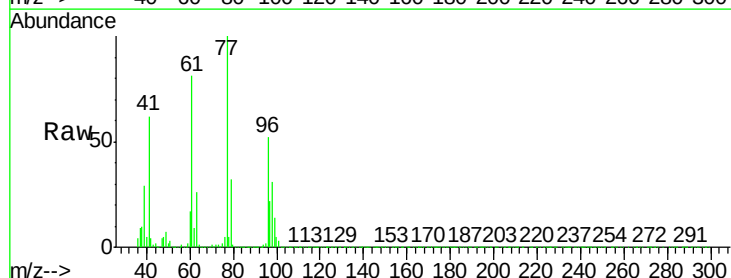
Acq: 17 Apr 2020 14:08

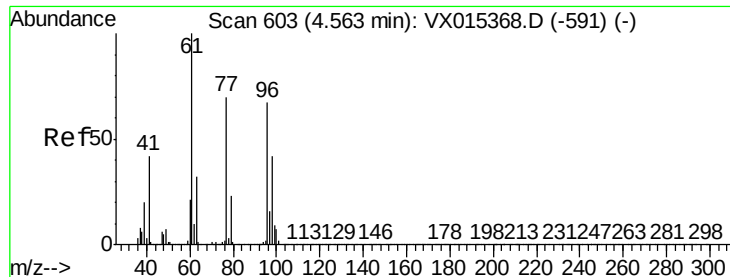
Tgt Ion: 77 Resp: 303377

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

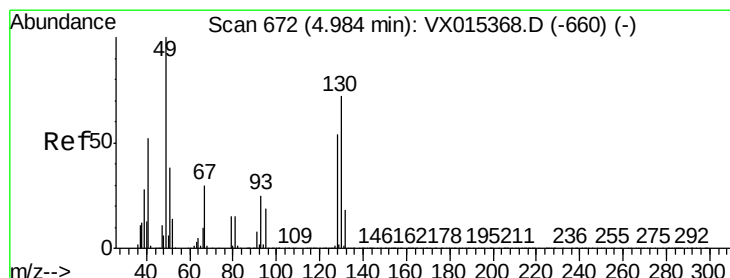
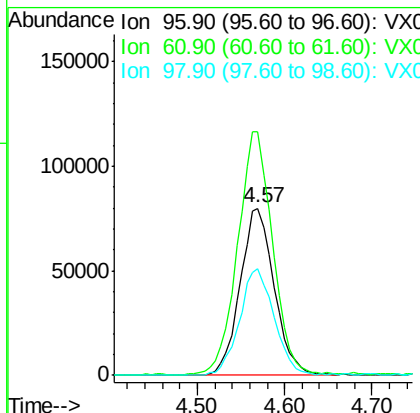
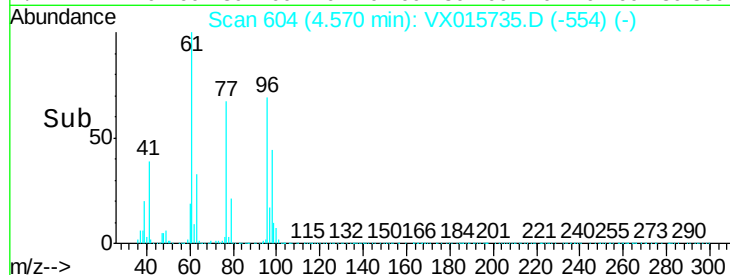
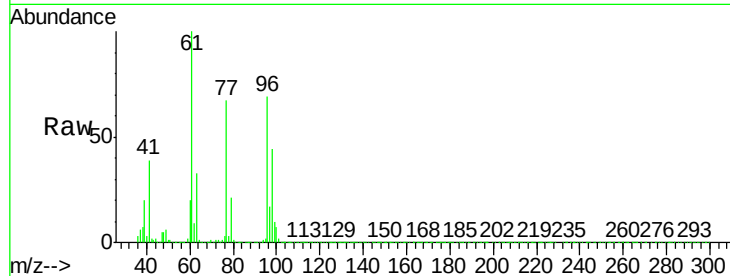
cis-1,2-Dichloroethene
Concen: 17.682 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	216958		
61	148.2	0.0	308.4	
98	64.1	0.0	129.2	

Manual Integrations
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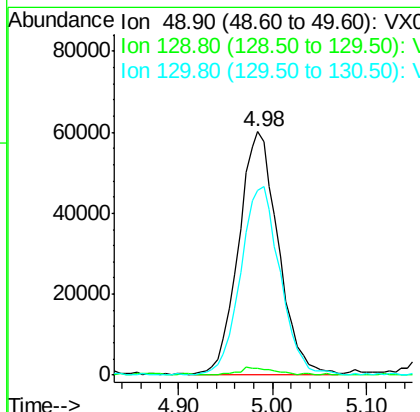
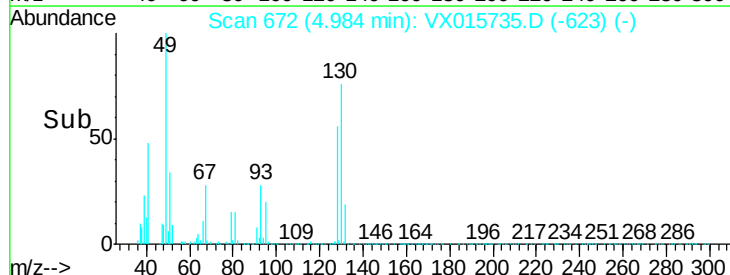
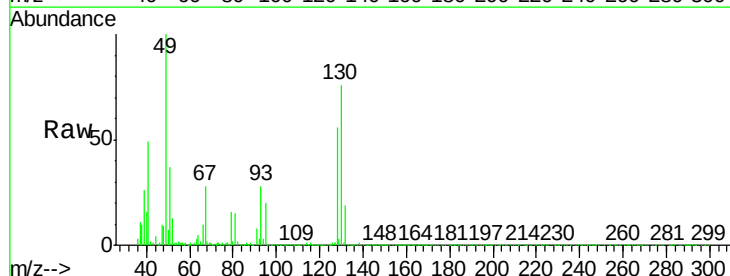
MMDadoda
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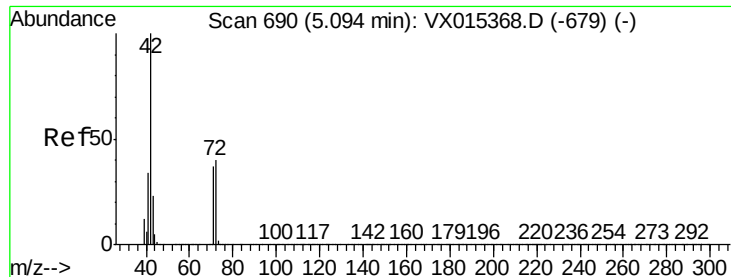


#28

Bromochloromethane
Concen: 17.845 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	177487		
129	2.9	0.0	4.4	
130	76.7	57.7	86.5	





#29

Tetrahydrofuran

Concen: 81.399 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

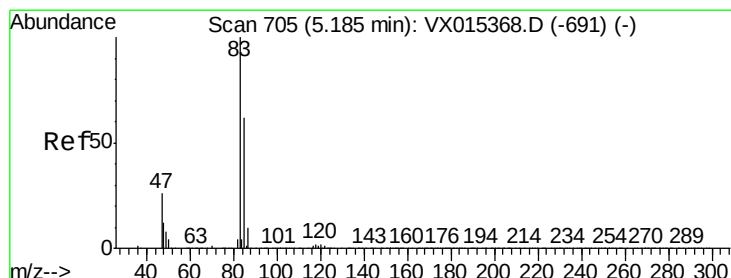
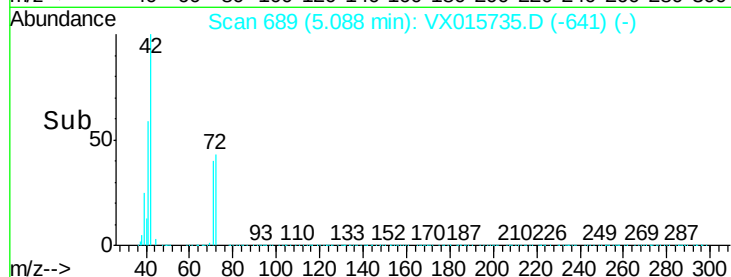
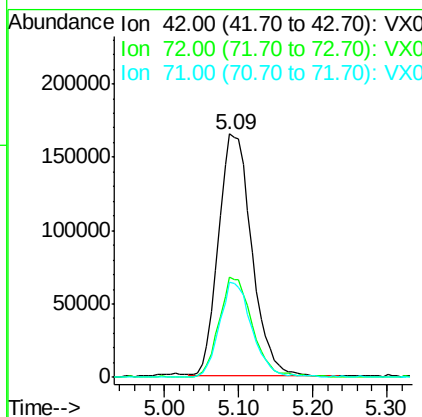
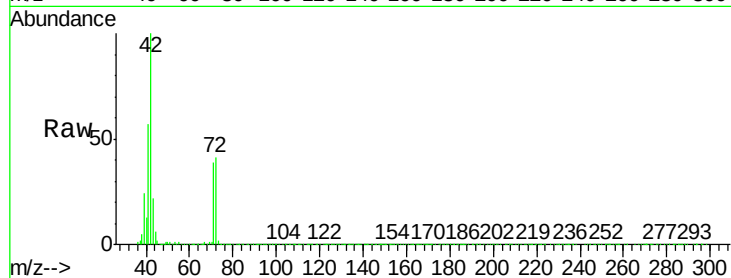
ClientSampleId :

VX0417MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	31.7	47.5
71	38.1	29.6	44.4

Manual Integrations
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#30

Chloroform

Concen: 17.462 ug/l

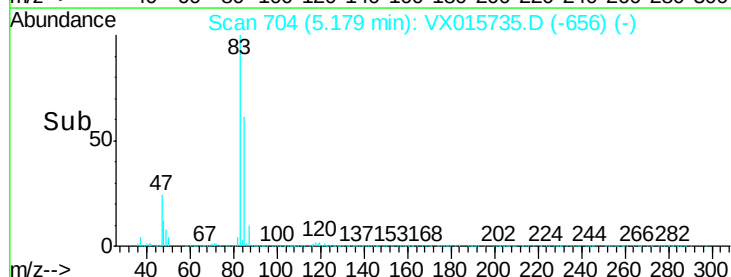
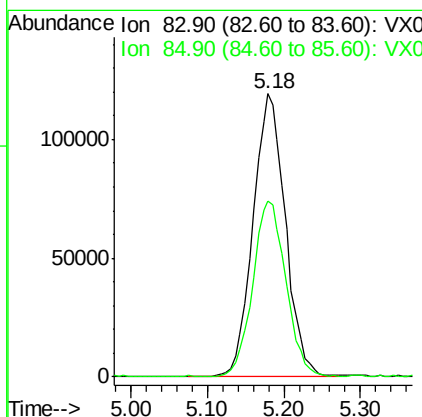
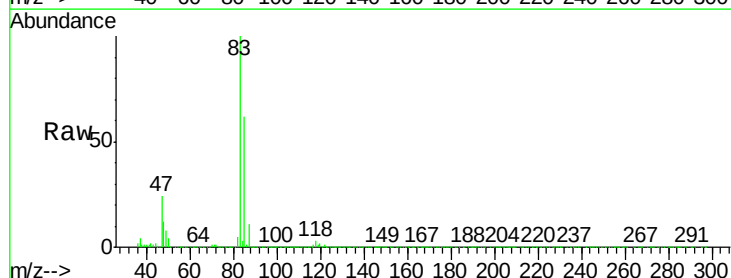
RT: 5.18 min Scan# 704

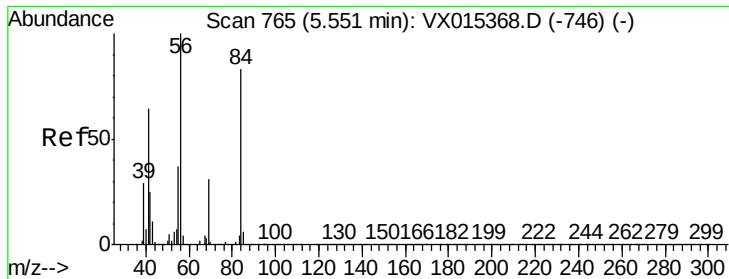
Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	49.5	74.3





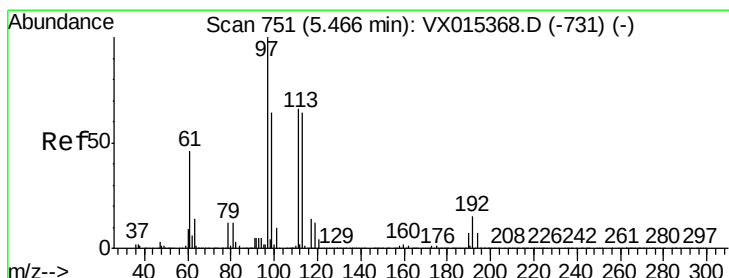
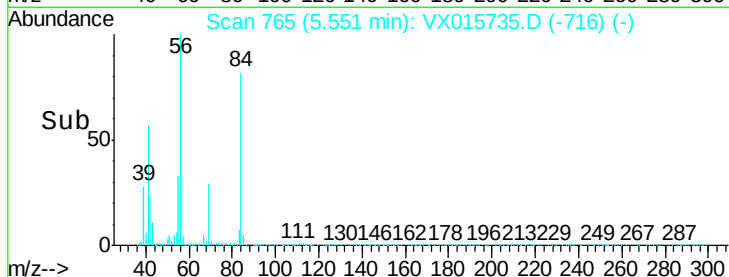
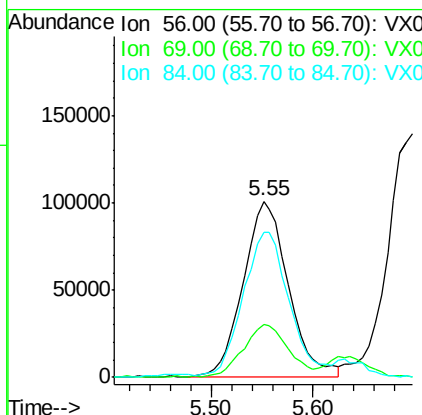
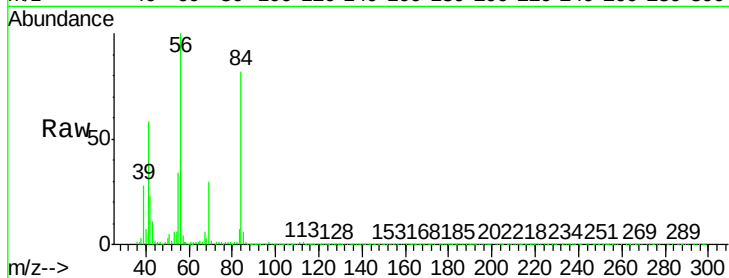
#31
Cyclohexane
Concen: 17.041 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.6	36.8
84	80.9	66.1	99.1

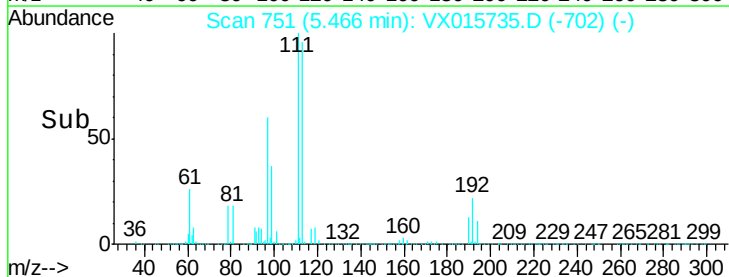
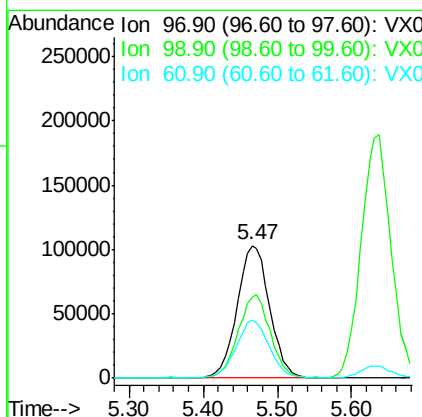
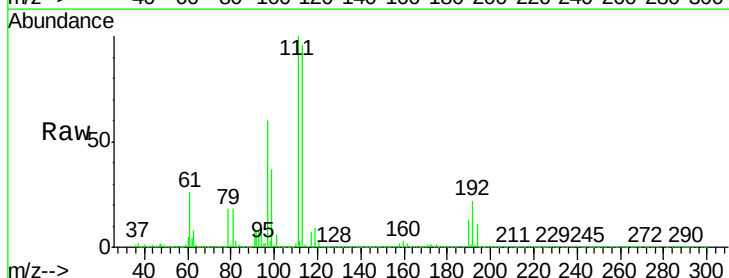
Manual Integrations
APPROVED

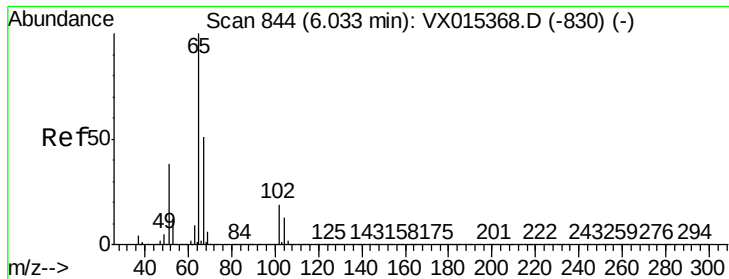
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#32
1,1,1-Trichloroethane
Concen: 17.262 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.4
61	45.0	36.1	54.1





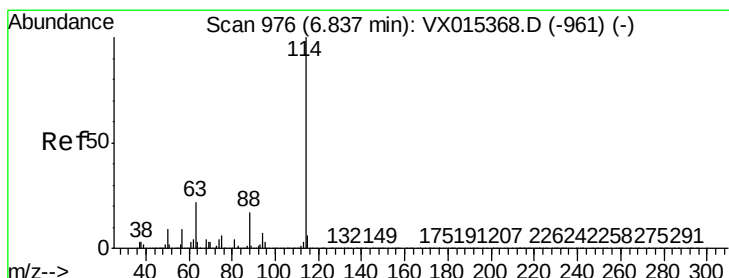
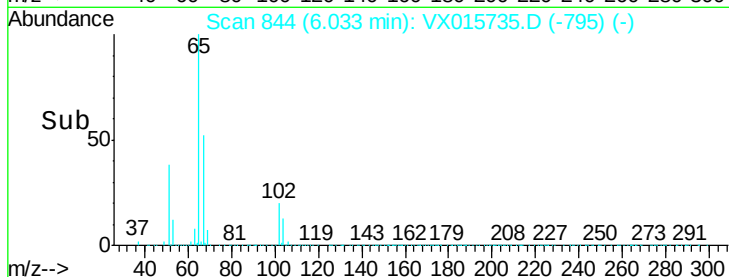
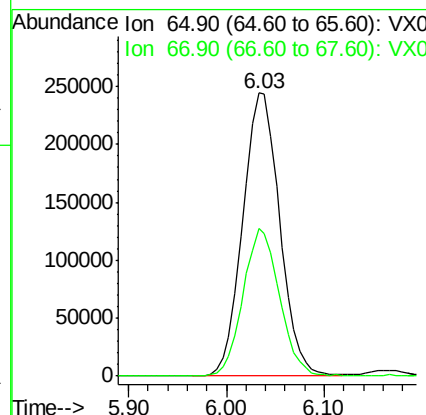
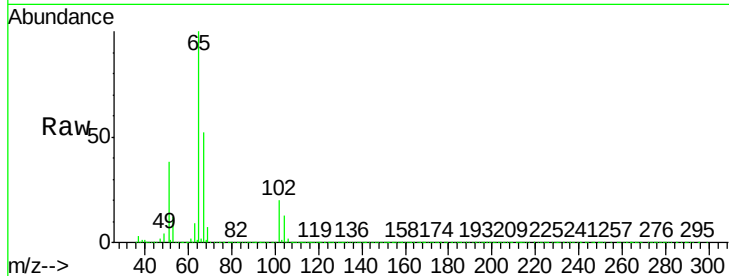
#33
 1,2-Dichloroethane-d4
 Concen: 44.896 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6

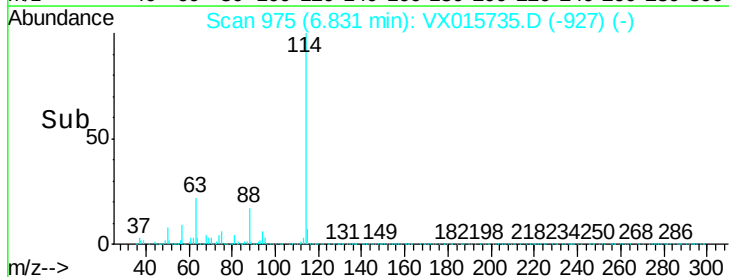
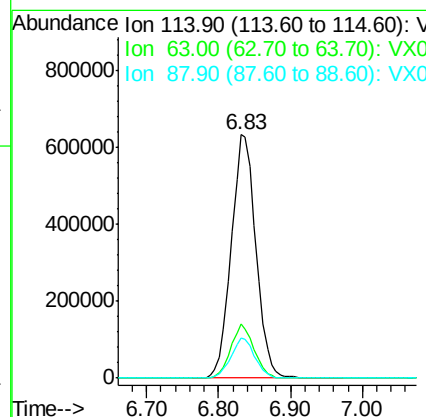
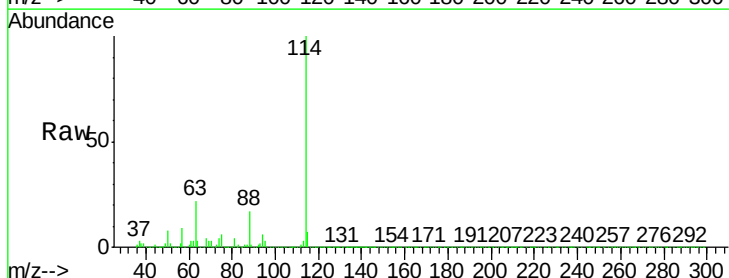
Manual Integrations
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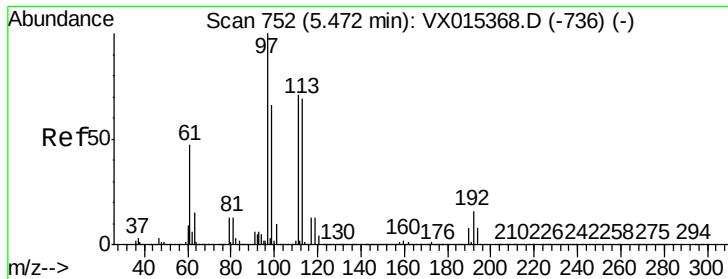
MMDadoda
 4/20/2020 10:06:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.2
88	16.6	0.0	33.8





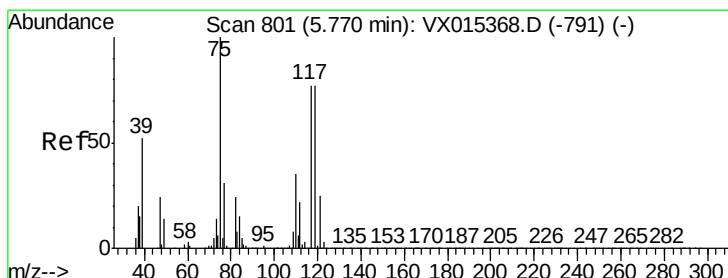
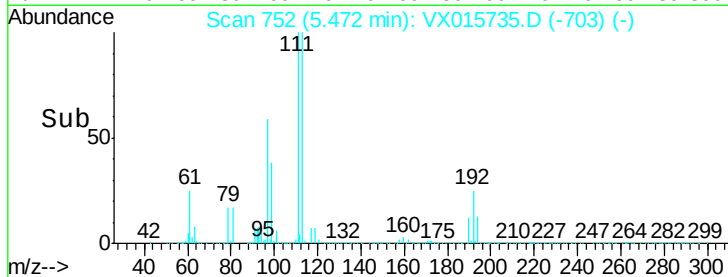
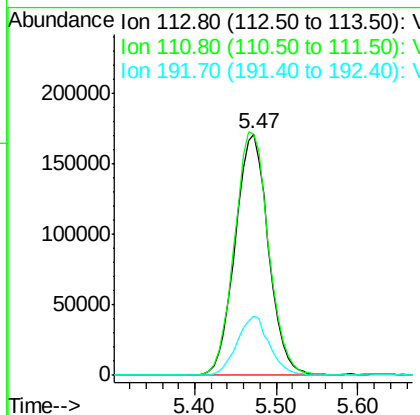
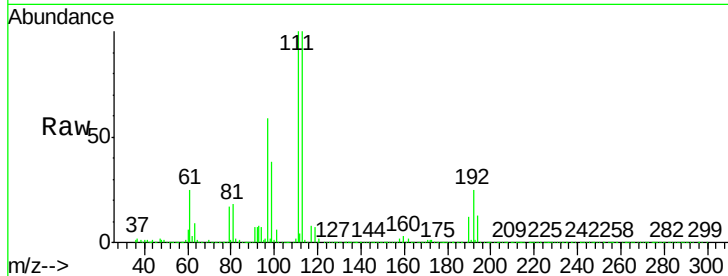
#35
 Dibromofluoromethane
 Concen: 50.043 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	482051		
111	103.2	81.5	122.3	
192	24.1	17.8	26.6	

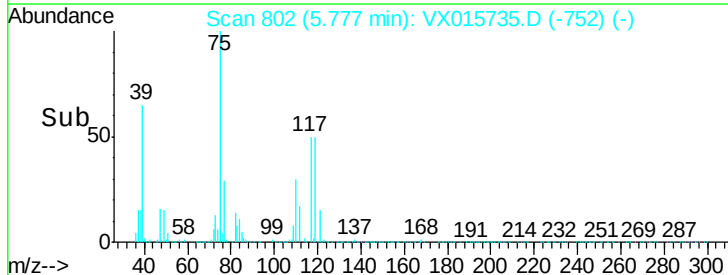
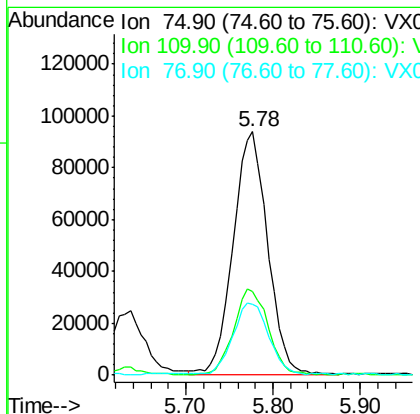
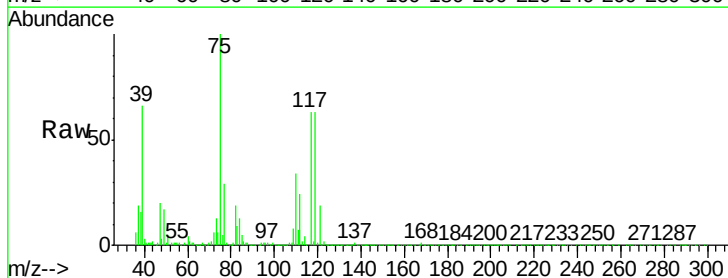
Manual Integrations
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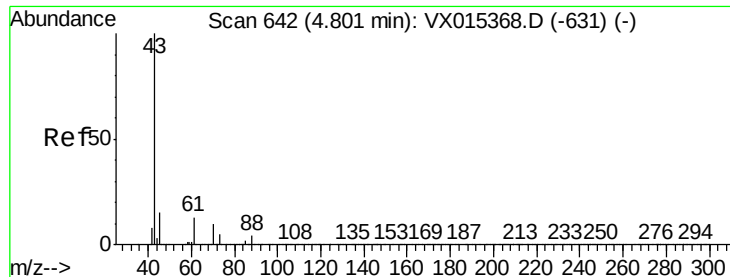
MMDadoda
 4/20/2020 10:06:18 AM



#36
 1,1-Dichloropropene
 Concen: 18.444 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	256082		
110	35.3	17.1	51.3	
77	30.4	24.6	36.8	





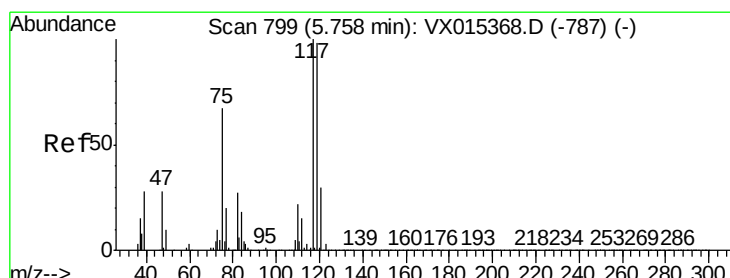
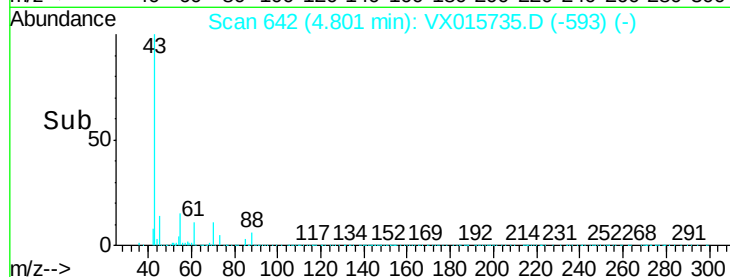
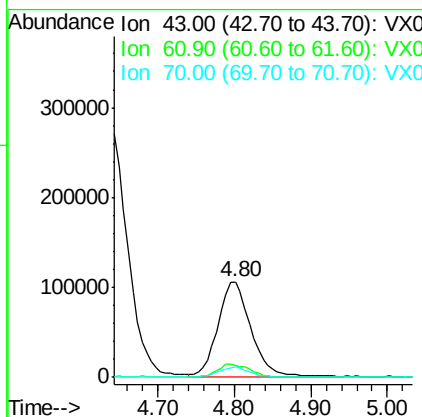
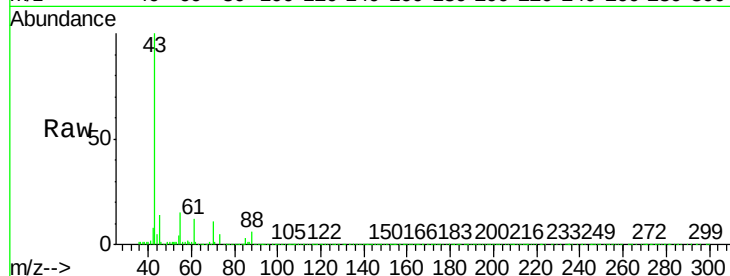
#37
Ethyl Acetate
Concen: 17.234 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	43	Resp	311565
Ion Ratio	Lower	Upper	
43	100		
61	13.0	9.9	14.9
70	9.5	8.1	12.1

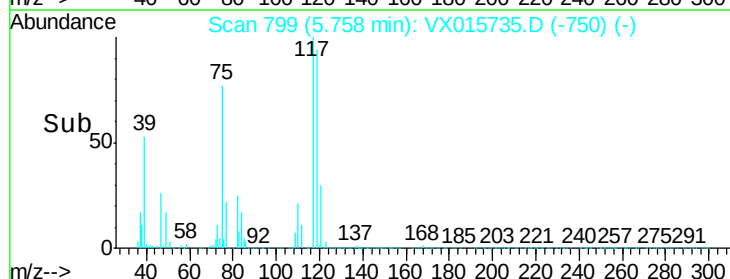
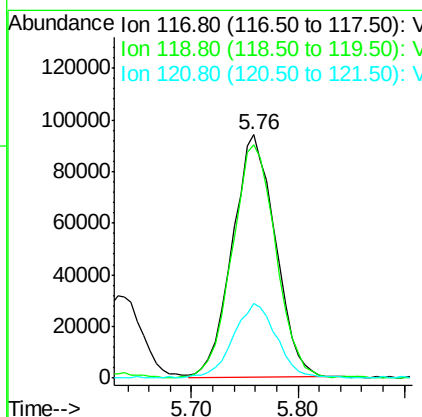
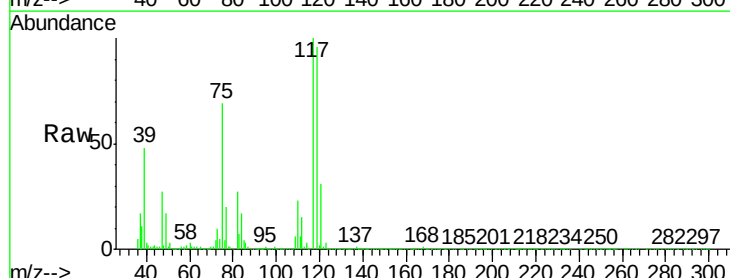
Manual Integrations
APPROVED

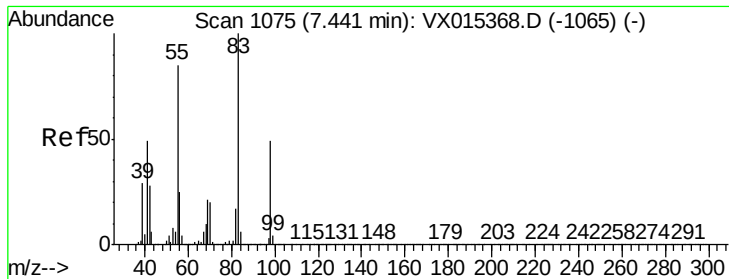
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#38
Carbon Tetrachloride
Concen: 17.703 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	117	Resp	266228
Ion Ratio	Lower	Upper	
117	100		
119	95.6	78.0	117.0
121	30.4	23.8	35.8





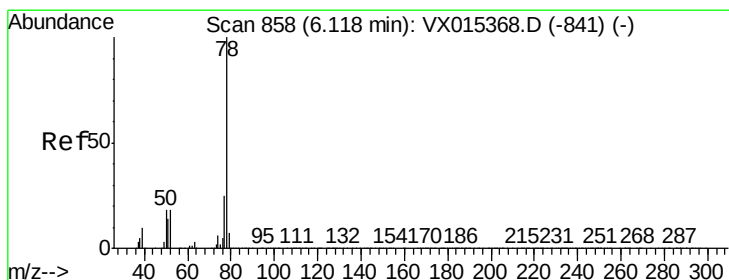
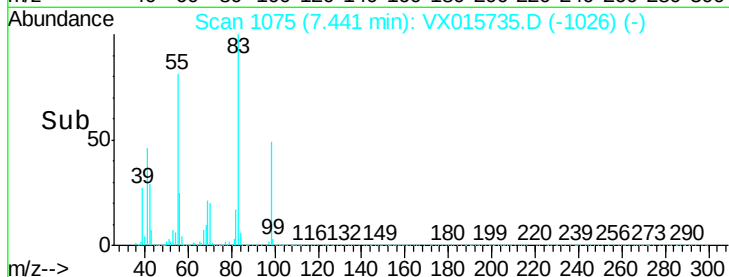
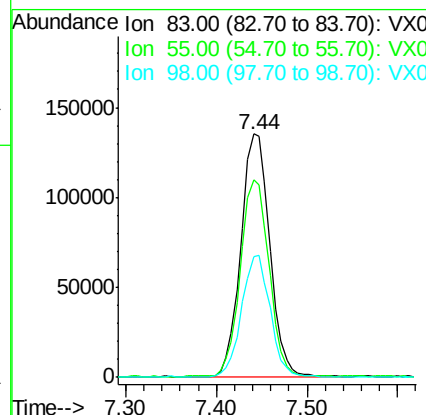
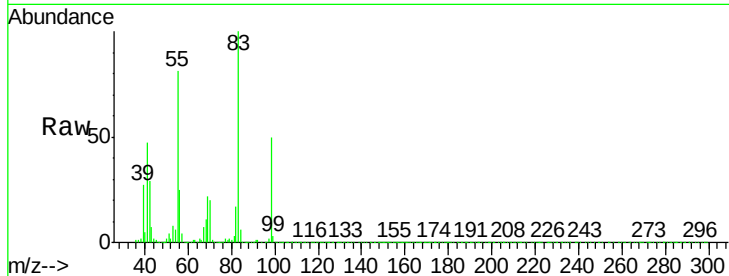
#39
Methylvlcyclohexane
Concen: 18.726 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	83	Resp	299777
Ion Ratio	100	Lower	Upper
83	100		
55	80.9	67.8	101.6
98	49.7	39.3	58.9

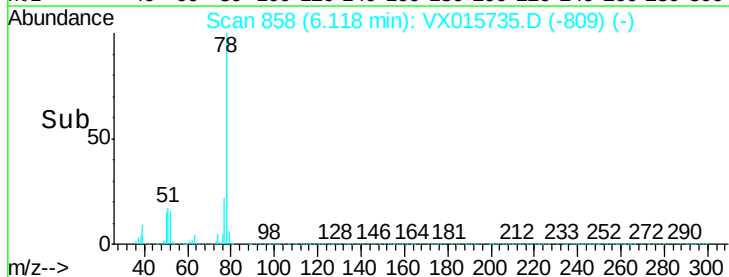
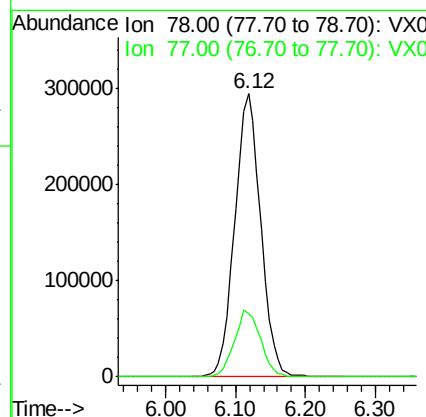
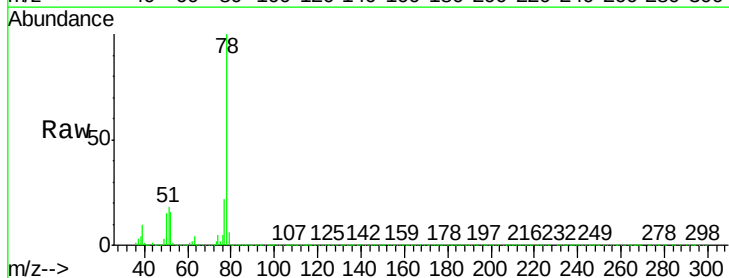
Manual Integrations
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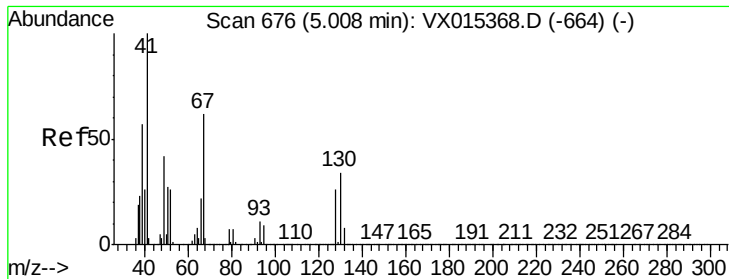
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#40
Benzene
Concen: 18.644 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	78	Resp	758281
Ion Ratio	100	Lower	Upper
78	100		
77	22.3	19.8	29.8





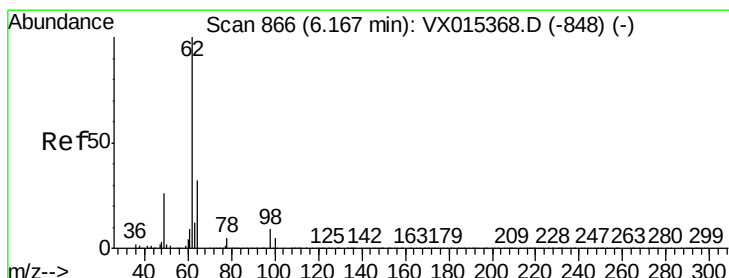
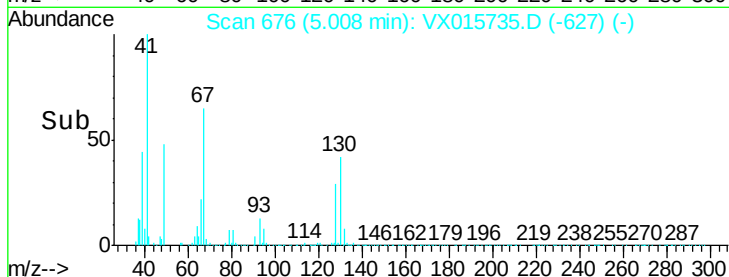
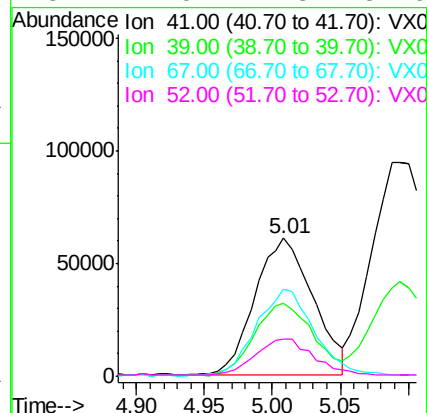
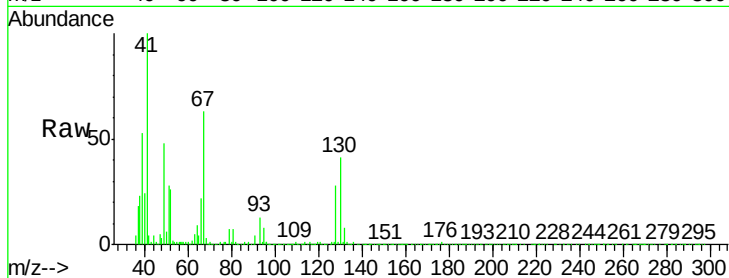
#41
Methacrylonitrile
Concen: 18.060 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		181248		
39	54.6	44.5	66.7		
67	62.8	48.9	73.3		
52	27.0	21.8	32.6		

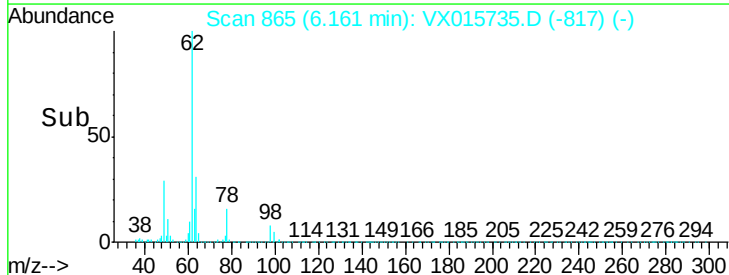
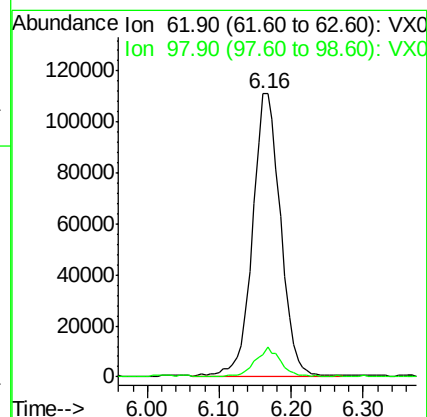
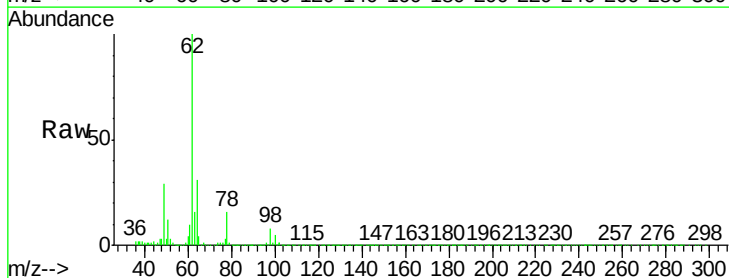
Manual Integrations
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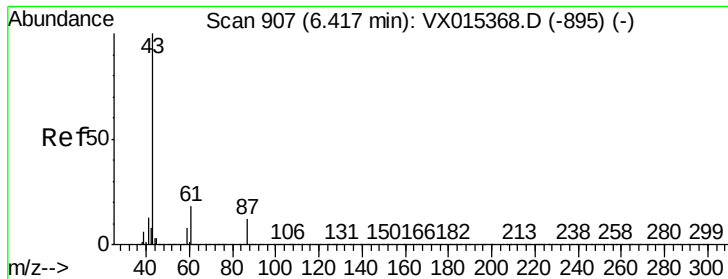
MMDadoda
4/20/2020 10:06:18 AM



#42
1,2-Dichloroethane
Concen: 18.460 ug/l
RT: 6.16 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		301579		
98	9.5	0.0	17.6		





#43

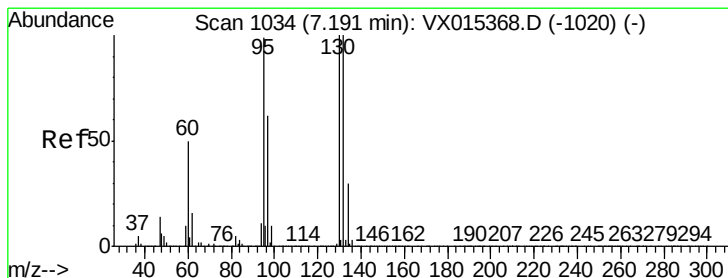
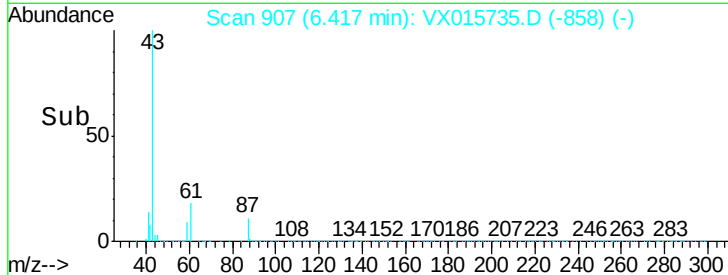
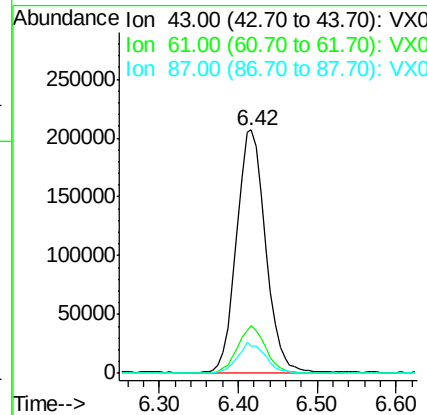
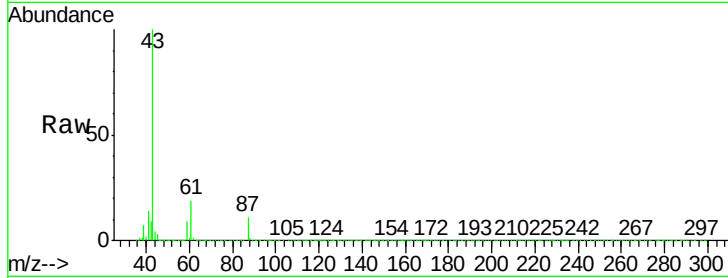
Isopropyl Acetate
 Concen: 17.375 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.8	22.2
87	11.9	9.4	14.0

Manual Integrations
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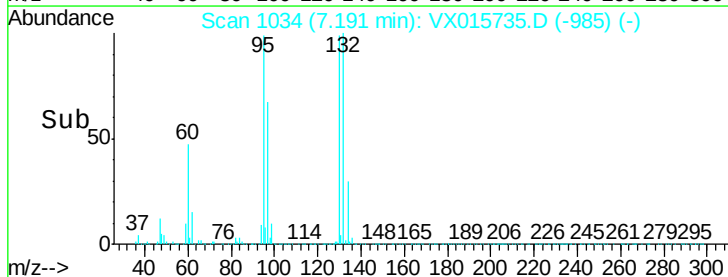
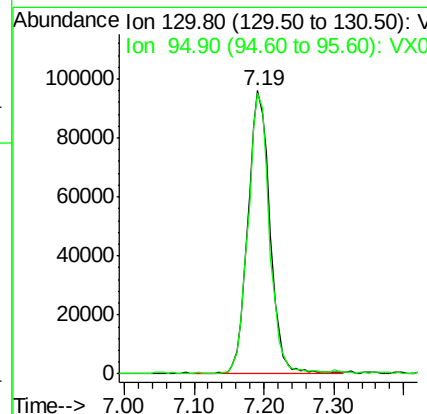
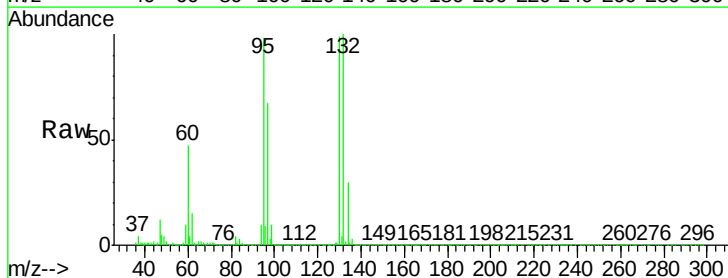
MMDadoda
 4/20/2020 10:06:18 AM

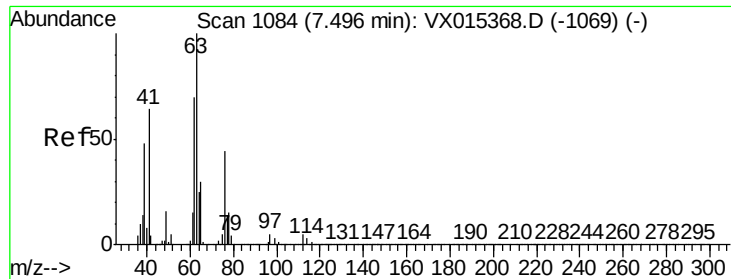


#44

Trichloroethene
 Concen: 19.093 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	199.0





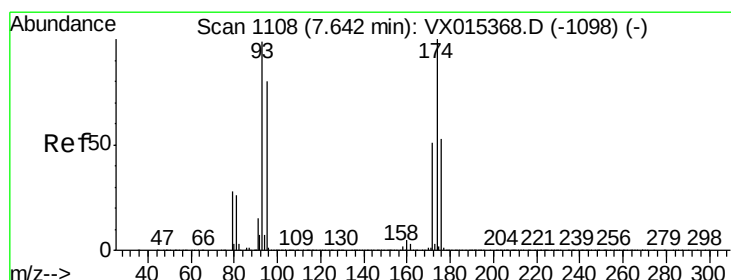
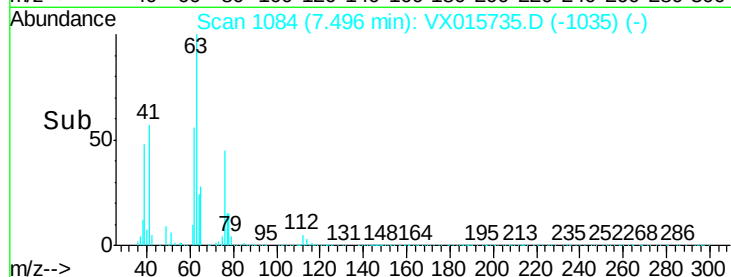
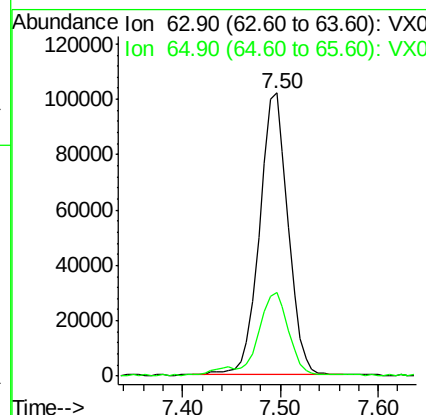
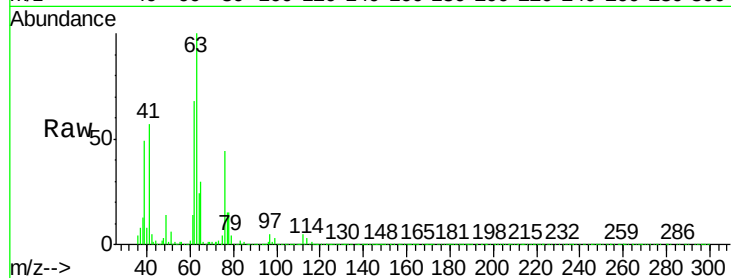
#45
 1,2-Dichloropropane
 Concen: 18.522 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	23.9	35.9

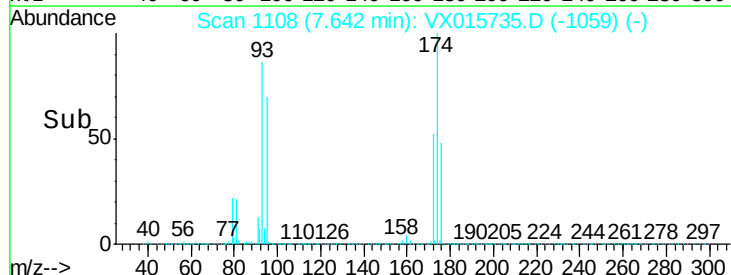
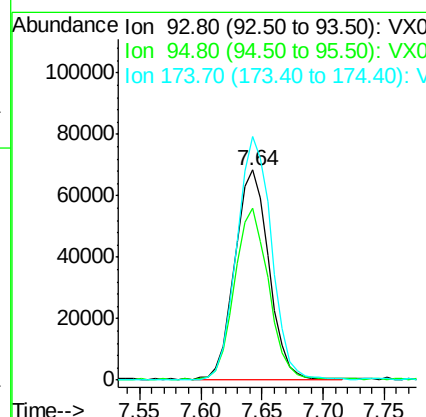
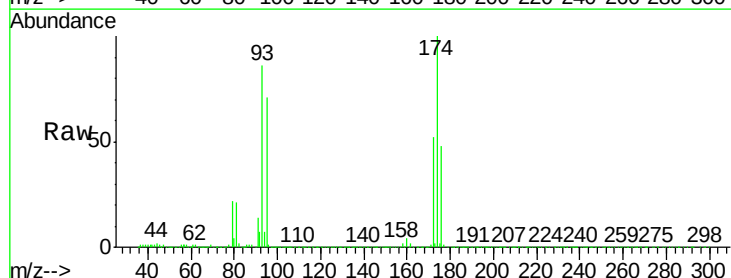
Manual Integrations
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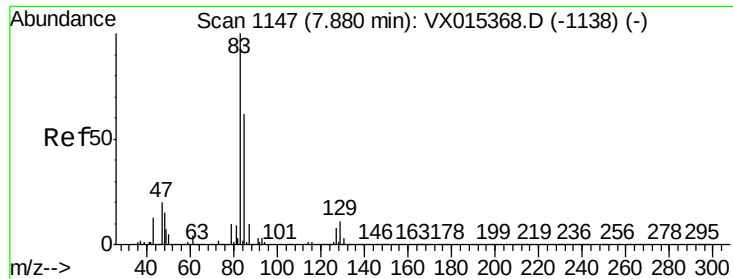
MMDadoda
 4/20/2020 10:06:18 AM



#46
 Dibromomethane
 Concen: 18.206 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	65.8	98.8
174	117.3	86.2	129.2





#47

Bromodichloromethane

Concen: 17.884 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

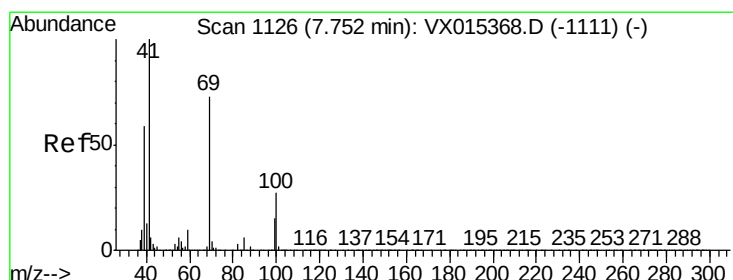
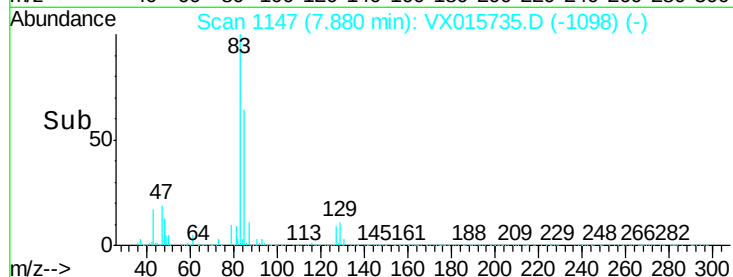
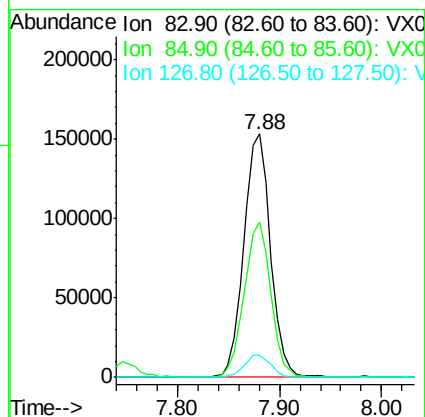
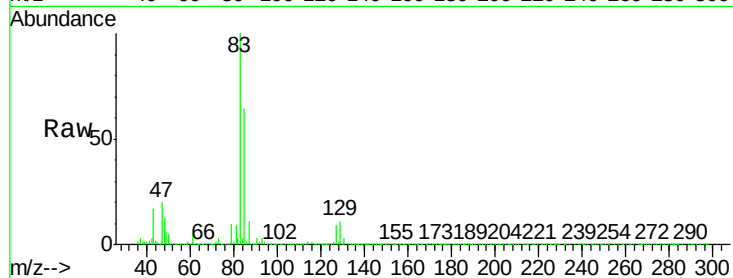
ClientSampleId :

VX0417MBS01

Tot Ion:	83	Resp:	278126
Ion Ratio	Lower	Upper	
83	100		
85	63.6	49.7	74.5
127	8.7	6.7	10.1

Manual Integrations
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4/20/2020 10:06:18 AM



#48

Methyl methacrylate

Concen: 17.159 ug/l

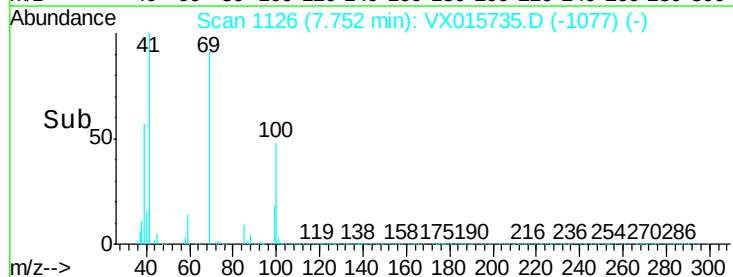
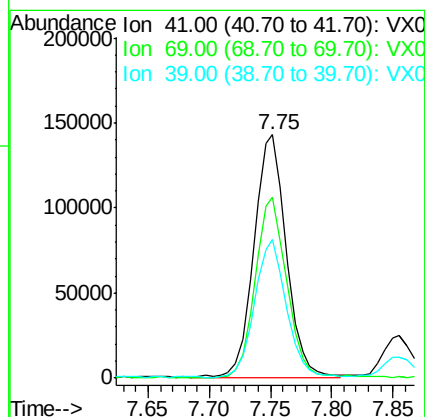
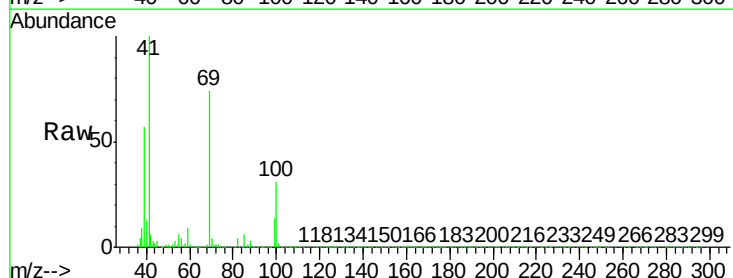
RT: 7.75 min Scan# 1126

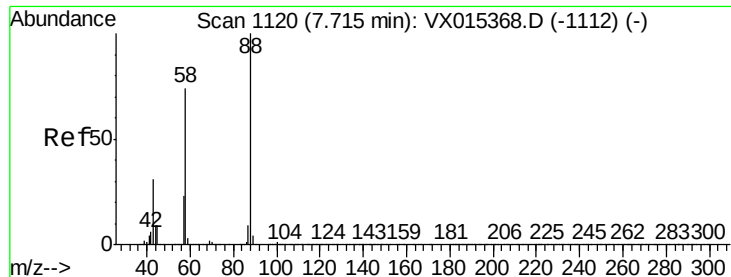
Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion:	41	Resp:	261565
Ion Ratio	Lower	Upper	
41	100		
69	72.9	56.7	85.1
39	55.9	46.5	69.7





#49

1,4-Dioxane

Concen: 345.357 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

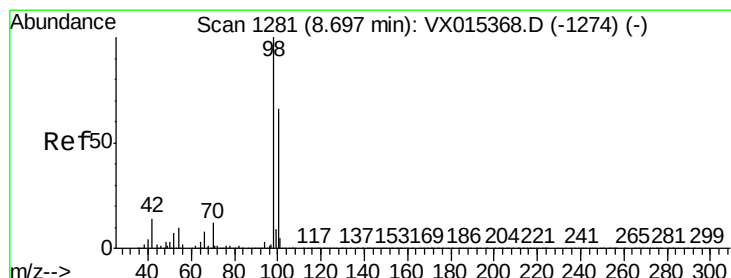
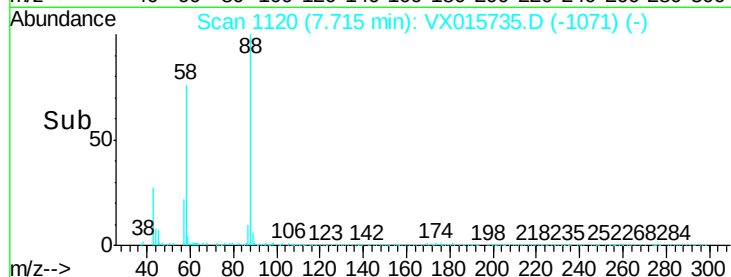
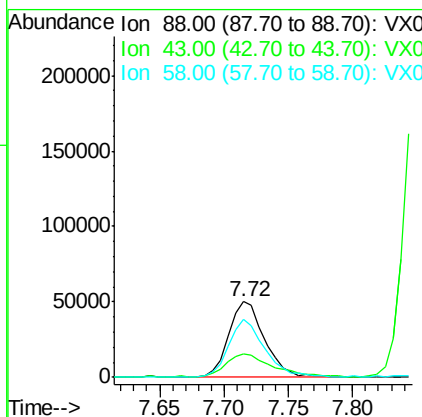
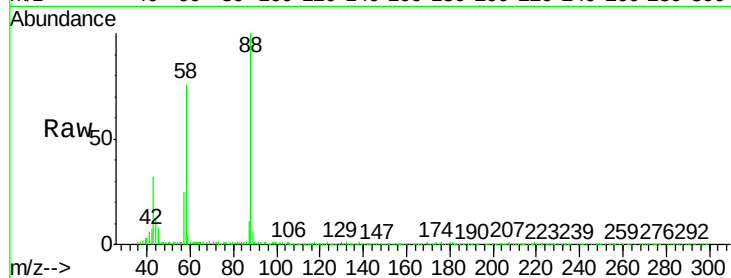
ClientSampleId :

VX0417MBS01

Tot Ion:	88	Resp:	98210
Ion Ratio	Lower	Upper	
88	100		
43	41.5	30.1	45.1
58	74.7	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 50.834 ug/l

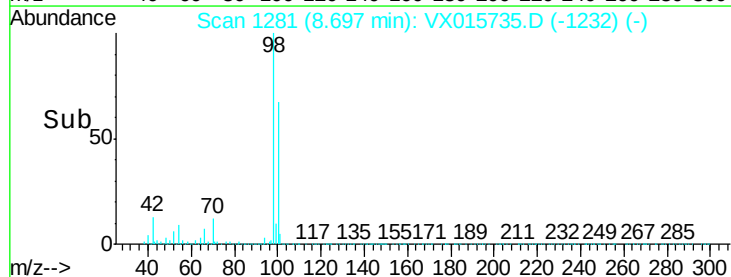
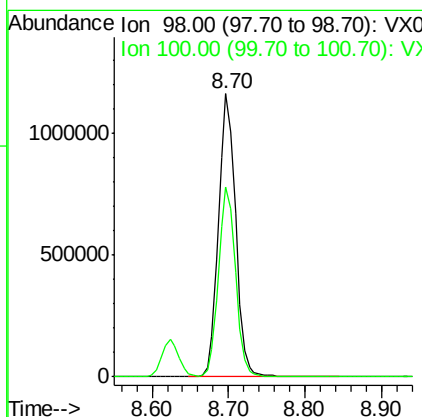
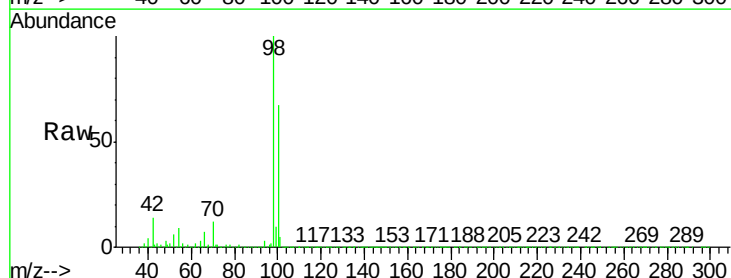
RT: 8.70 min Scan# 1281

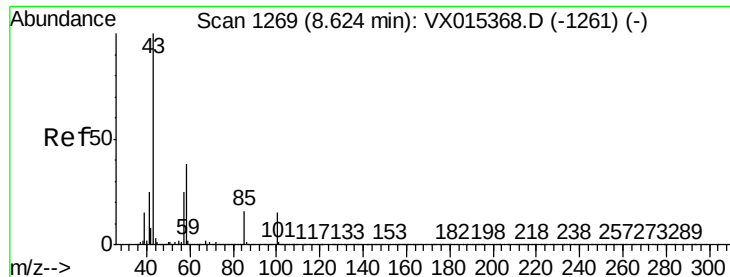
Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion:	98	Resp:	1802805
Ion Ratio	Lower	Upper	
98	100		
100	67.0	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 91.808 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 43 Resp: 1587882

Ion Ratio Lower Upper

43 100

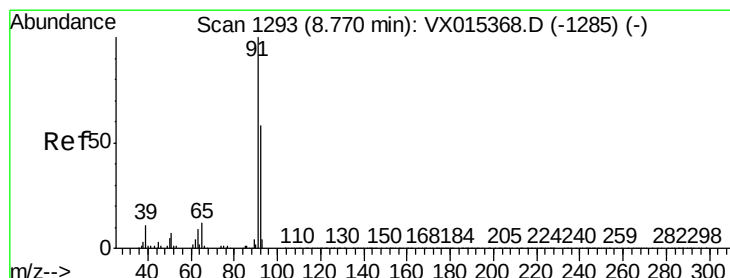
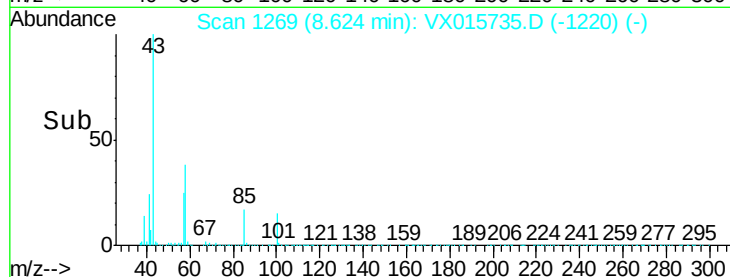
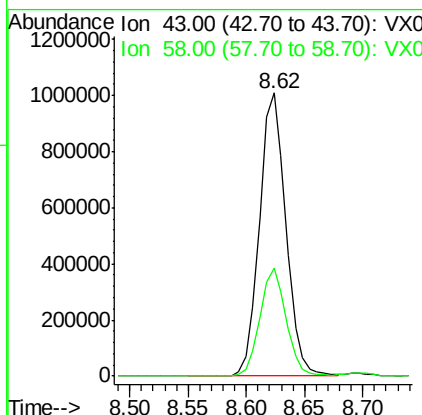
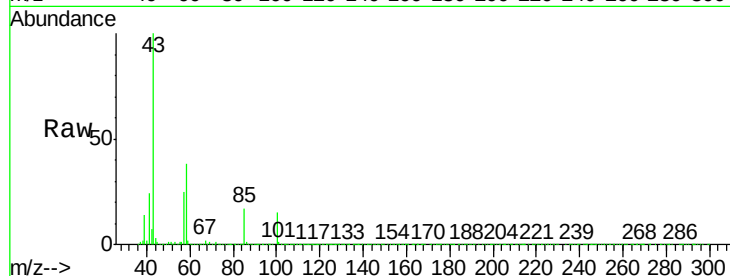
58 37.6 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 19.339 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015735.D

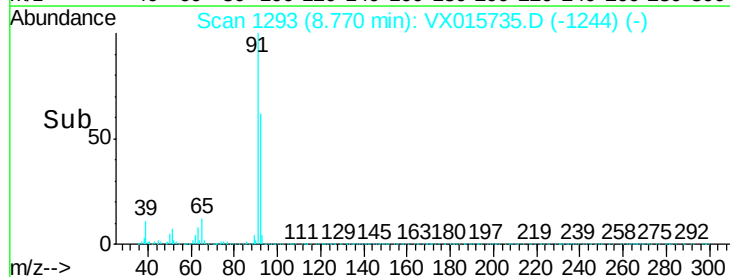
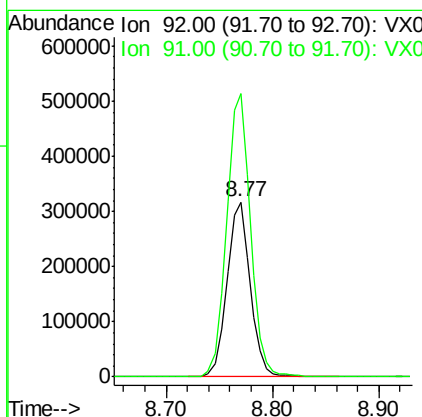
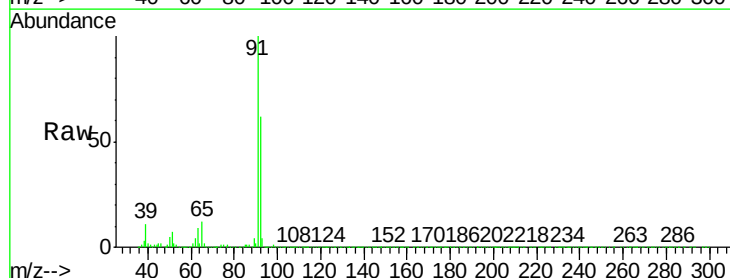
Acq: 17 Apr 2020 14:08

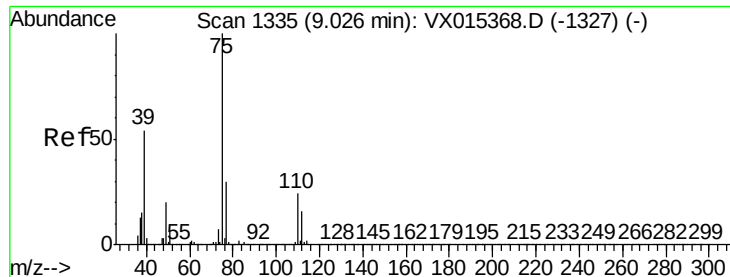
Tgt Ion: 92 Resp: 484917

Ion Ratio Lower Upper

92 100

91 166.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 16.891 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 75 Resp: 308075

Ion Ratio Lower Upper

75 100

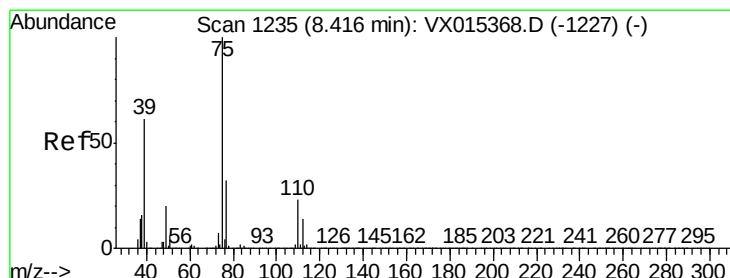
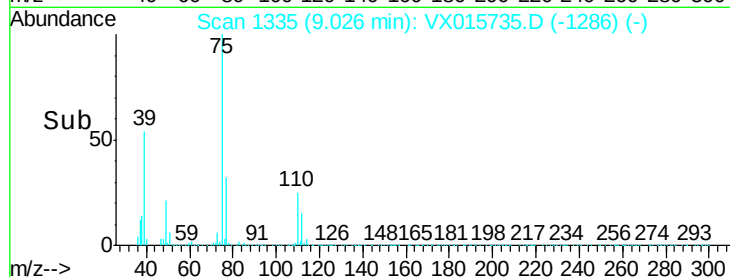
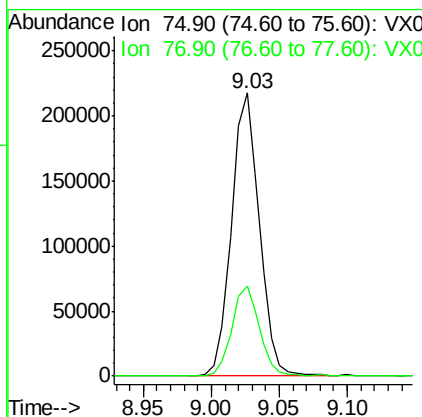
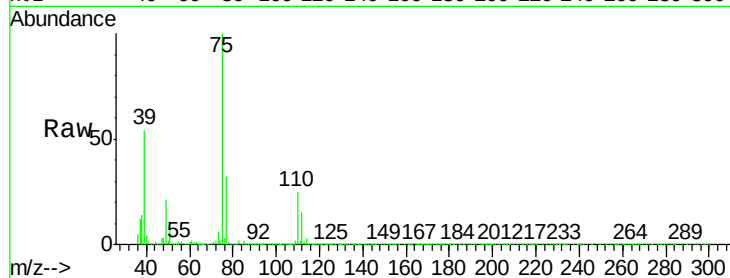
77 31.7 24.1 36.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.878 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

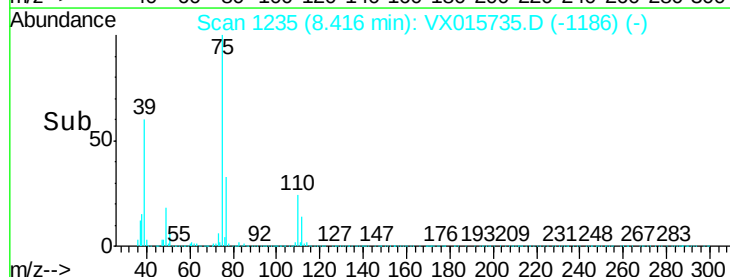
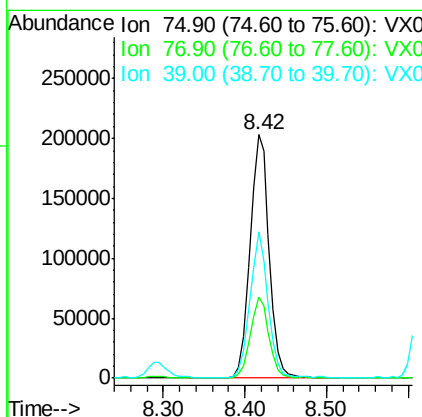
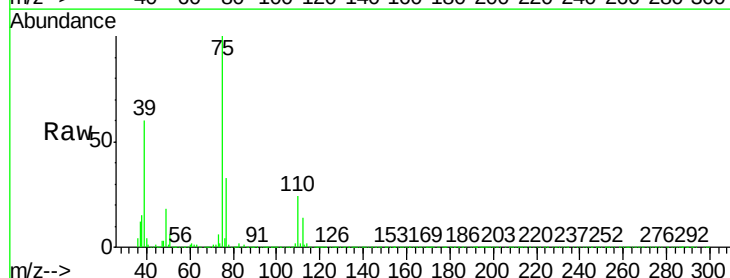
Tgt Ion: 75 Resp: 332163

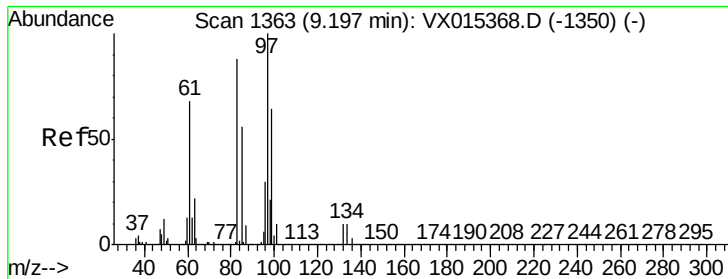
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6

39 59.8 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 19.525 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

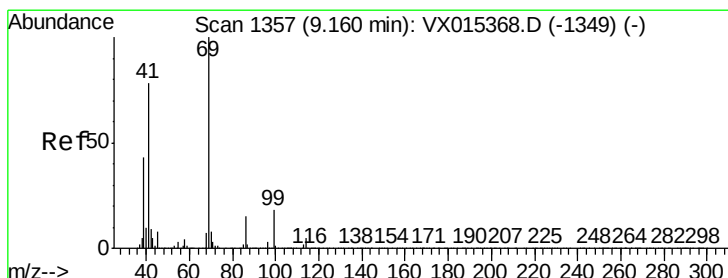
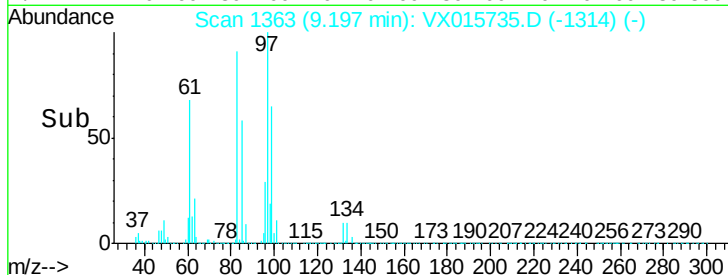
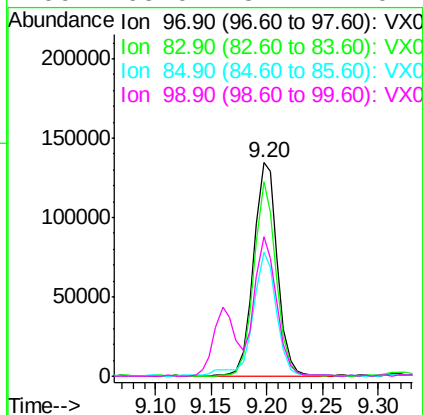
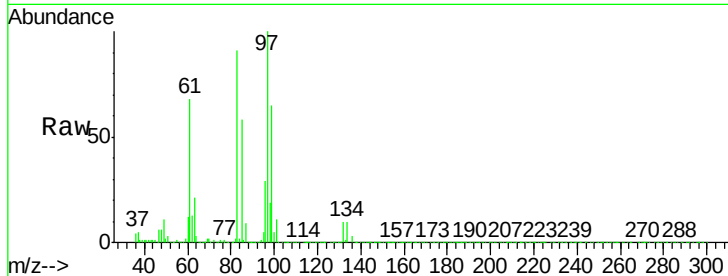
ClientSampleId :

VX0417MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		200590		
83	91.1	70.2	105.4		
85	57.8	44.7	67.1		
99	65.0	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 17.815 ug/l

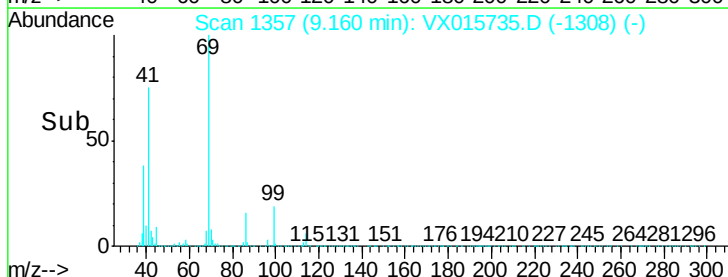
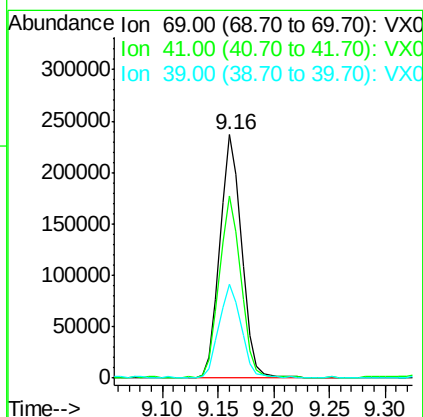
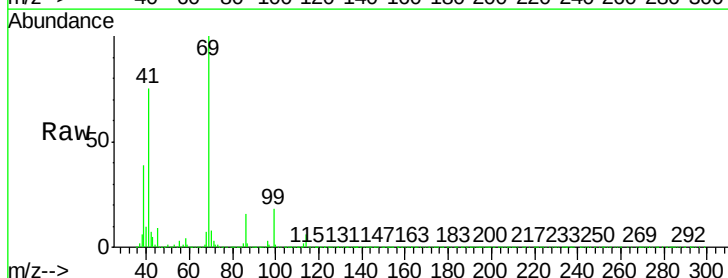
RT: 9.16 min Scan# 1357

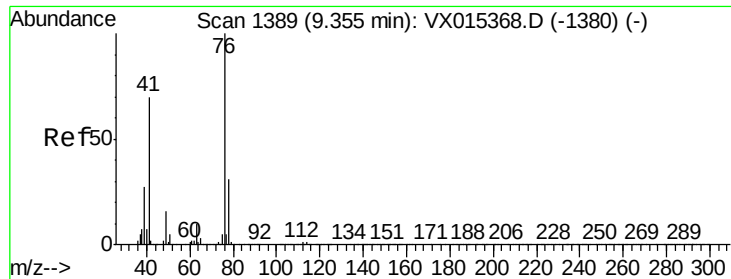
Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		322556		
41	73.7	61.6	92.4		
39	38.8	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.553 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 76 Resp: 343405

Ion Ratio Lower Upper

76 100

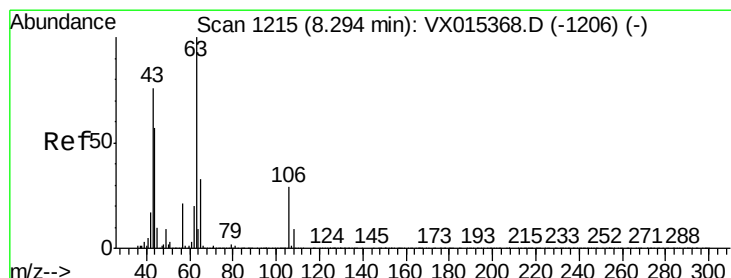
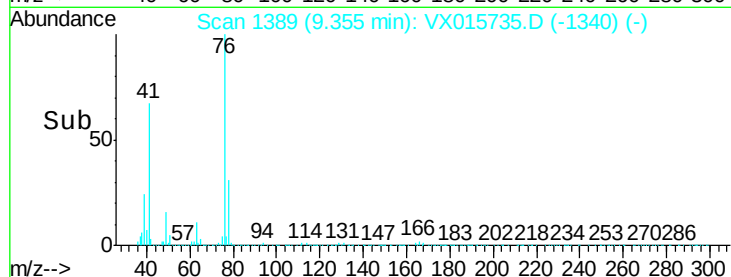
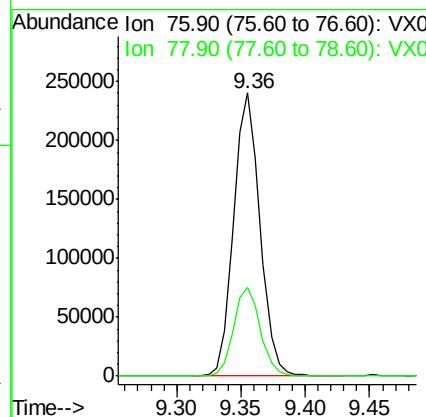
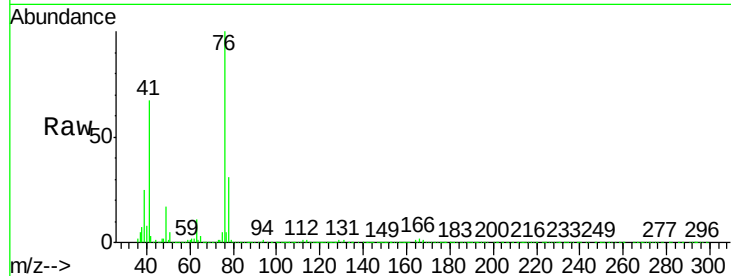
78 32.2 25.8 38.8

Manual Integrations

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4/20/2020 10:06:18 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.529 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015735.D

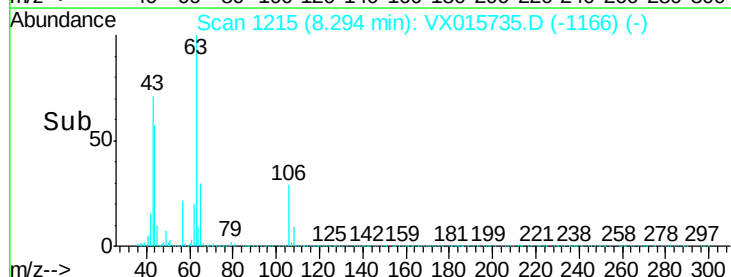
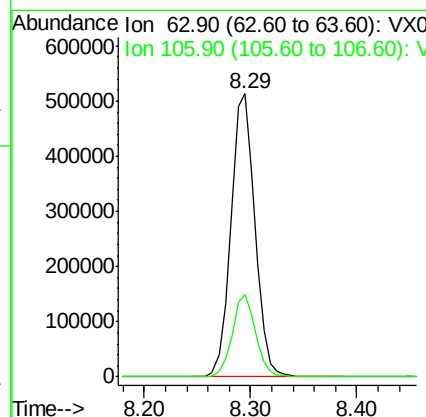
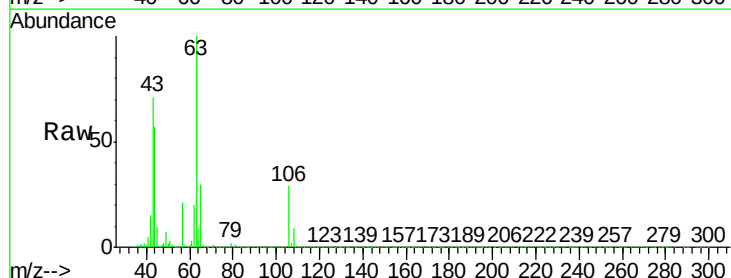
Acq: 17 Apr 2020 14:08

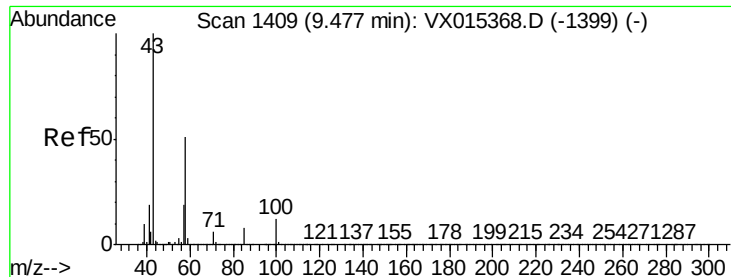
Tgt Ion: 63 Resp: 806062

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1





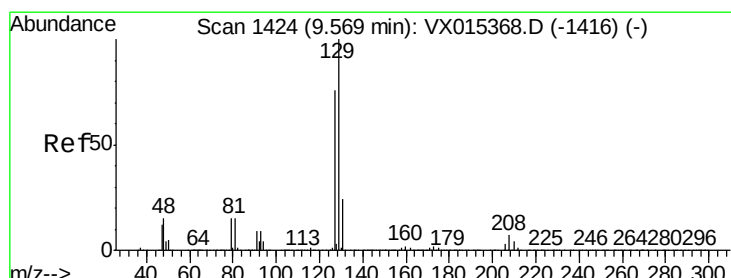
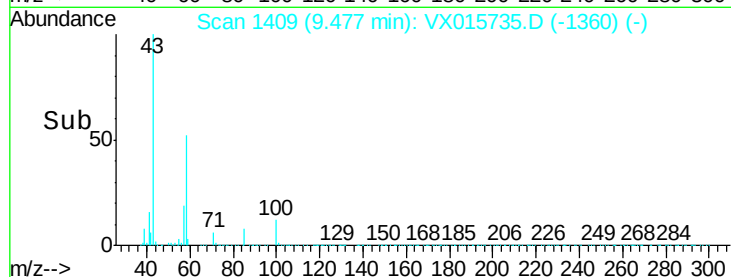
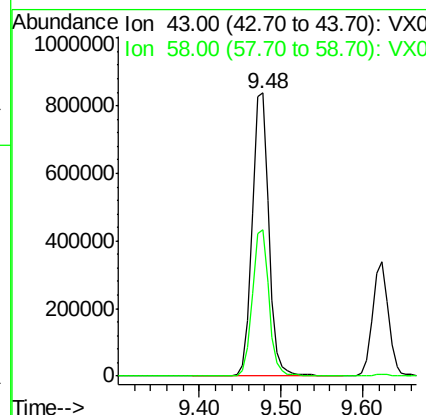
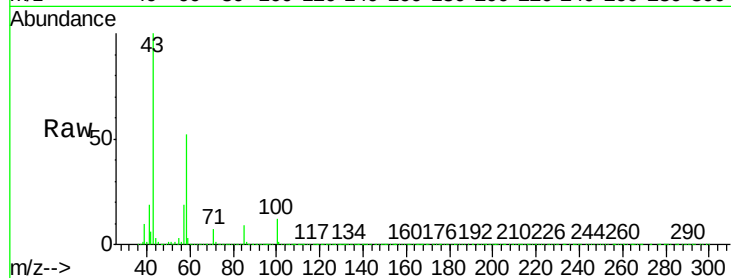
#59
2-Hexanone
Concen: 90.931 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion: 43 Resp: 1187357
Ion Ratio Lower Upper
43 100
58 51.7 25.6 76.6

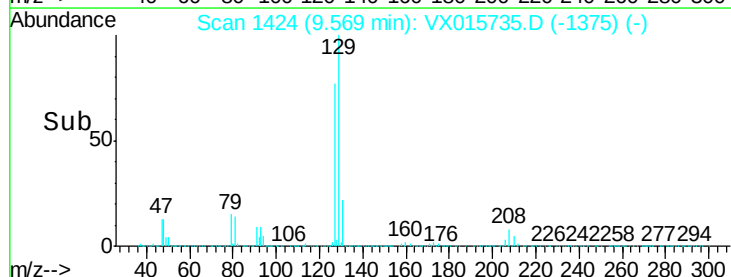
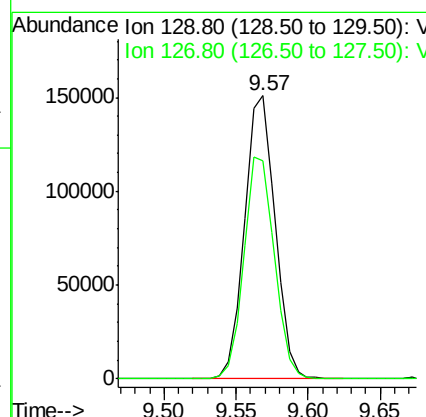
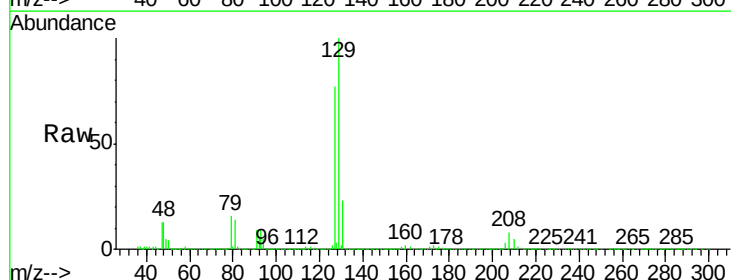
Manual Integrations
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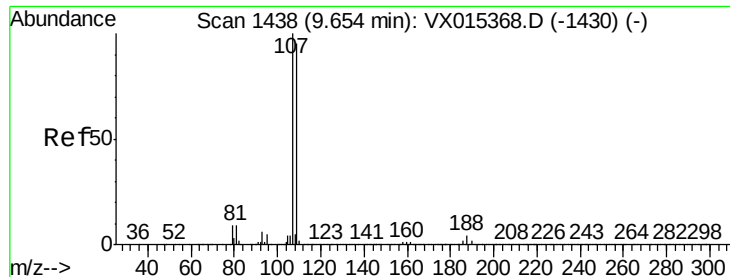
MMDadoda
4/20/2020 10:06:18 AM



#60
Dibromochloromethane
Concen: 17.982 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 129 Resp: 221982
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6





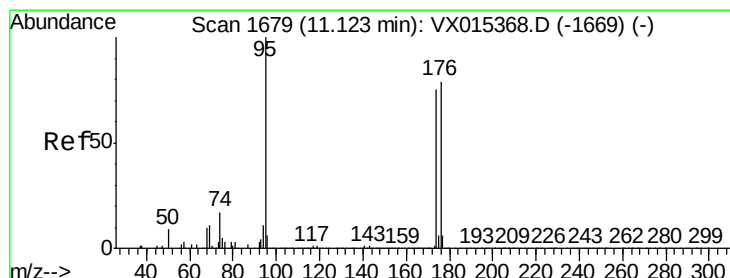
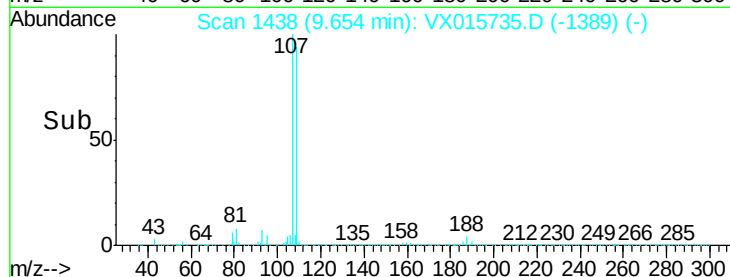
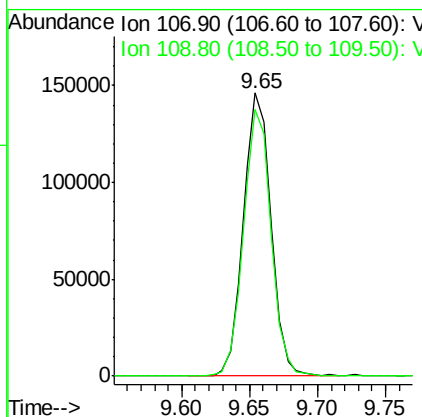
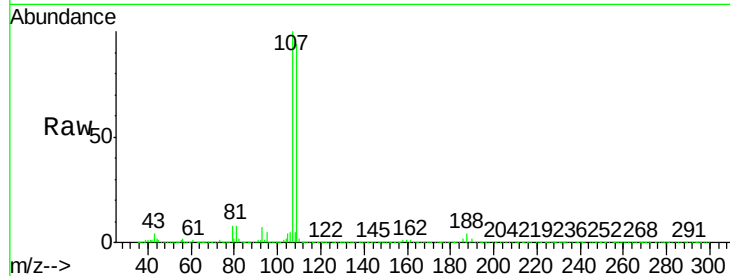
#61
 1,2-Dibromoethane
 Concen: 18.496 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	206611		
109	94.1	74.8	112.2	

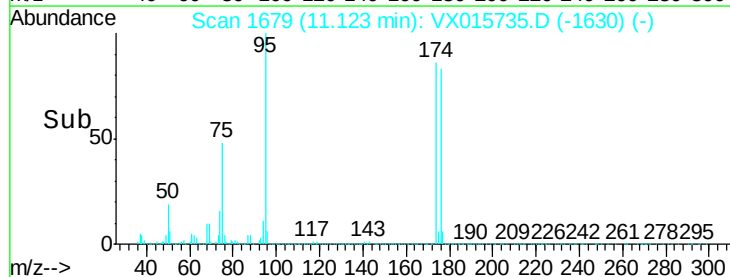
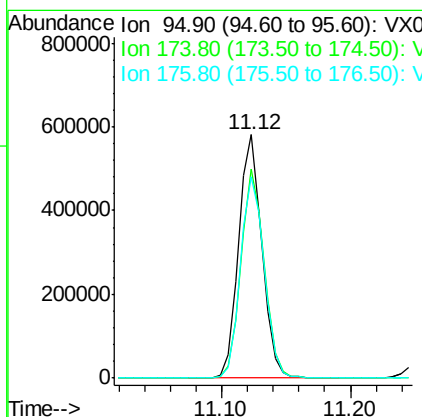
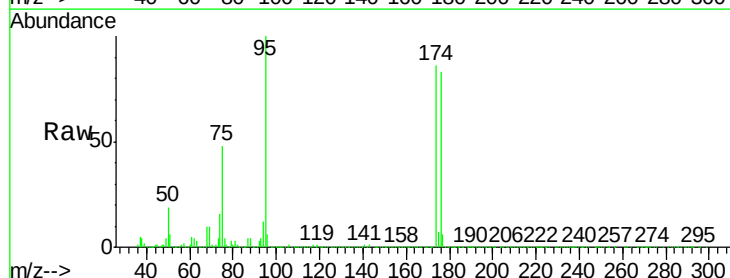
Manual Integrations
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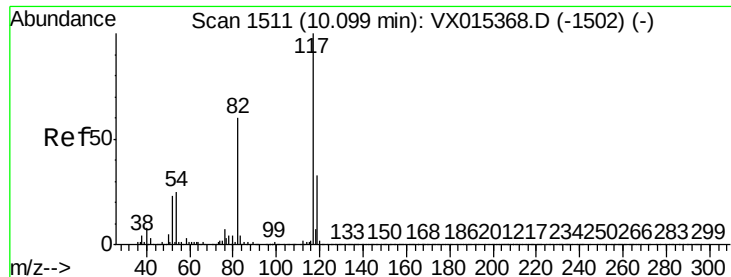
MMDadoda
 4/20/2020 10:06:18 AM



#62
 4-Bromofluorobenzene
 Concen: 50.416 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	726640		
174	85.1	0.0	158.6	
176	84.3	0.0	159.0	





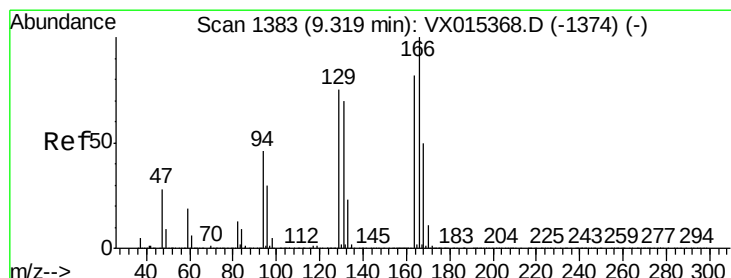
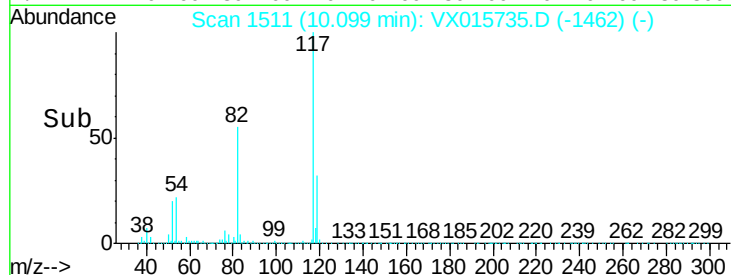
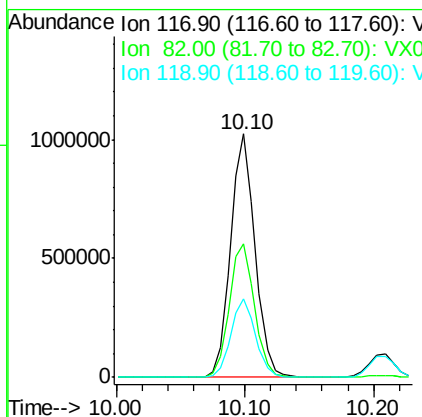
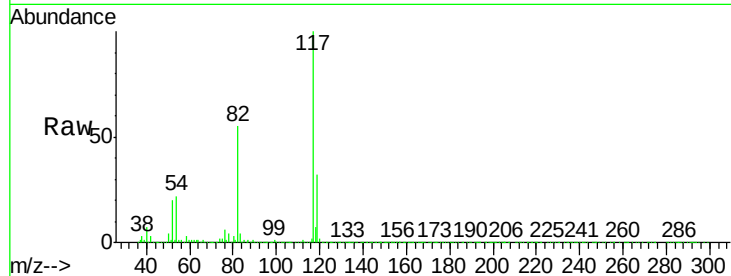
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.8	71.8
119	32.5	26.8	40.2

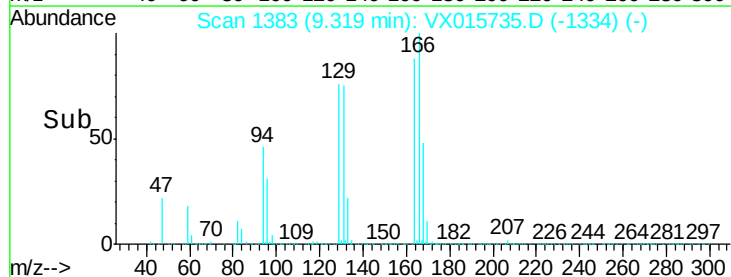
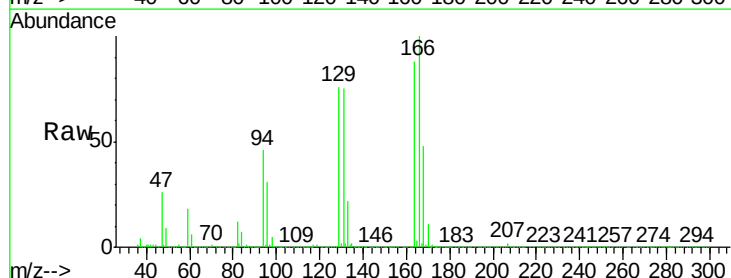
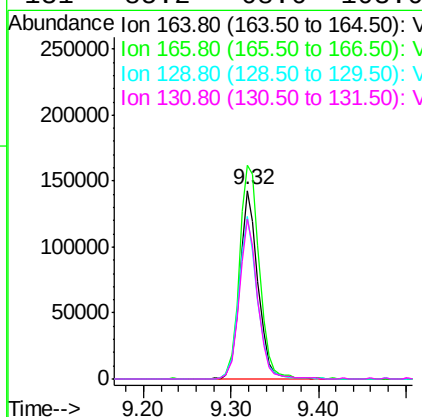
Manual Integrations
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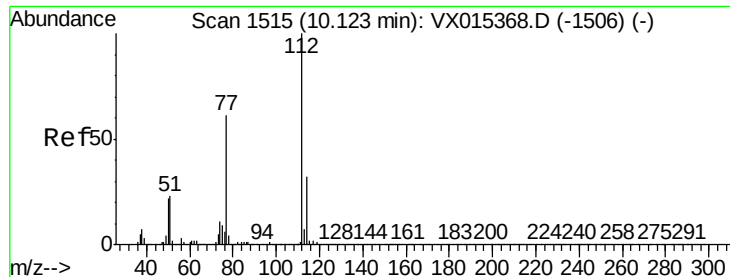
MMDadoda
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#64
Tetrachloroethene
Concen: 20.087 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	113.5	97.8	146.6
129	86.1	73.0	109.4
131	85.2	68.6	103.0





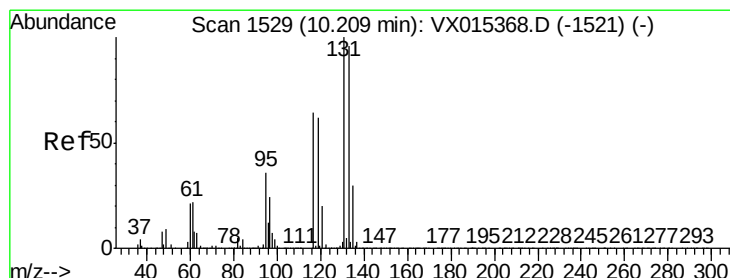
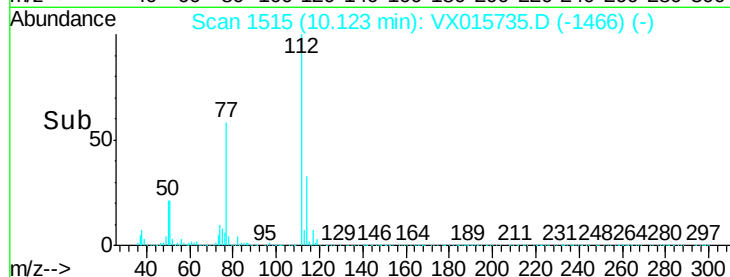
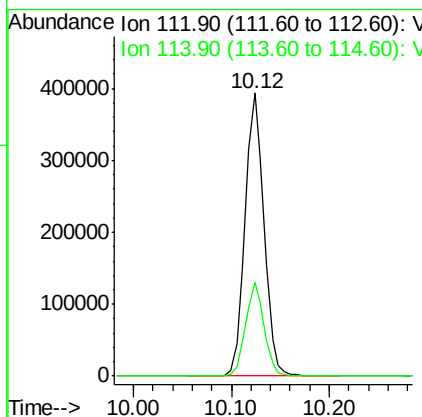
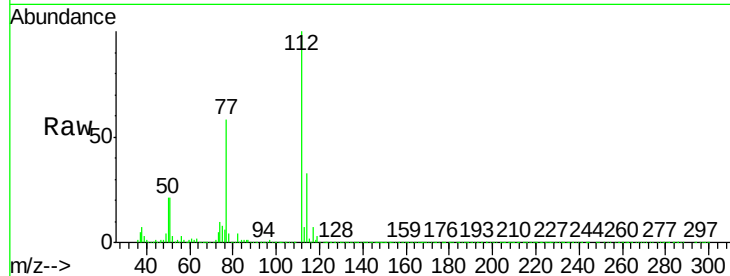
#65
Chlorobenzene
Concen: 19.574 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.5	38.3

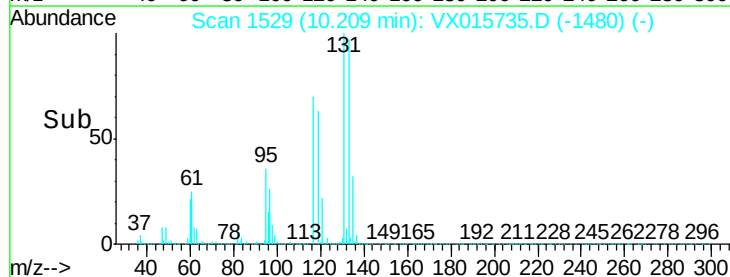
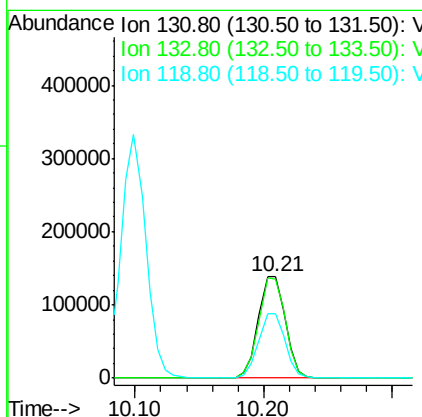
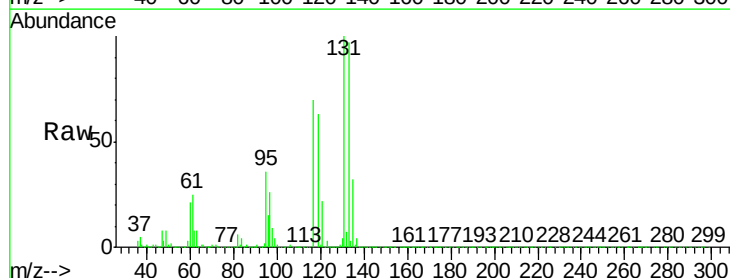
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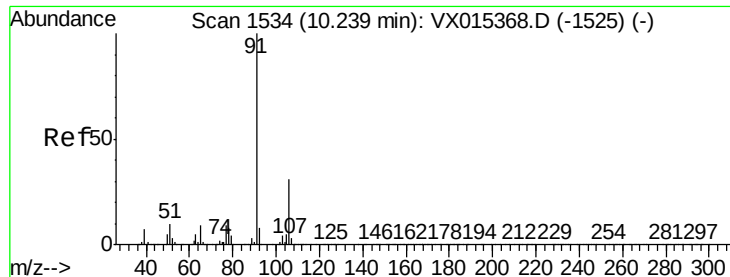
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.594 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.6	142.9
119	62.6	31.1	93.3





#67

Ethyl Benzene

Concen: 19.052 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 91 Resp: 916685

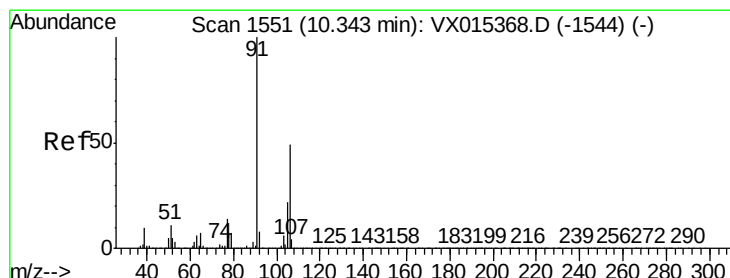
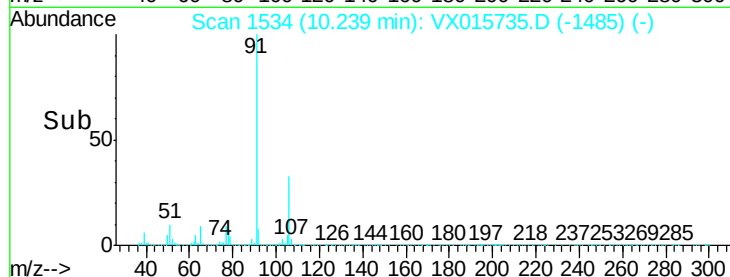
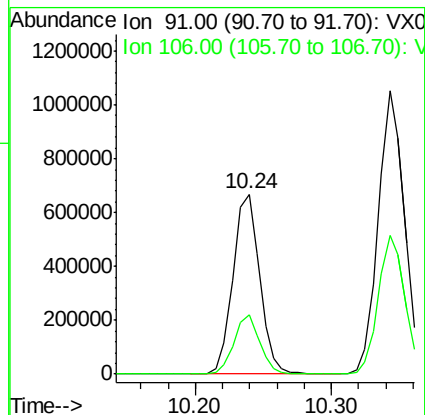
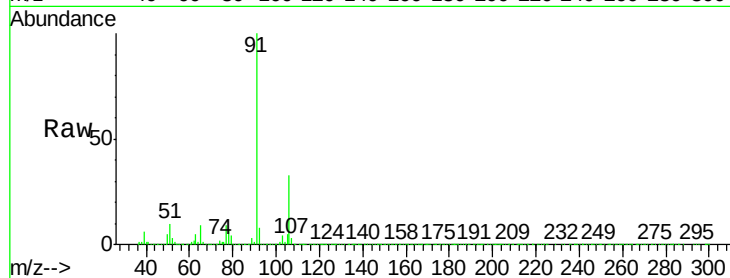
Ion Ratio Lower Upper

91 100

106 32.7 24.8 37.2

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#68

m/p-Xylenes

Concen: 39.113 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015735.D

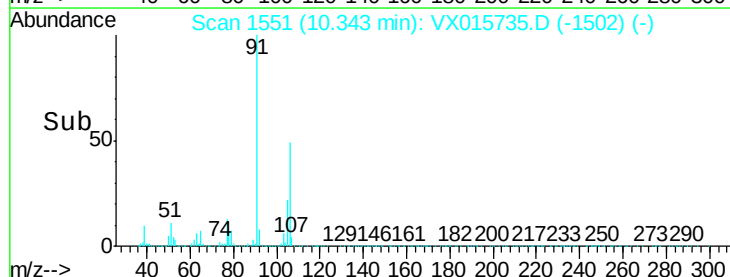
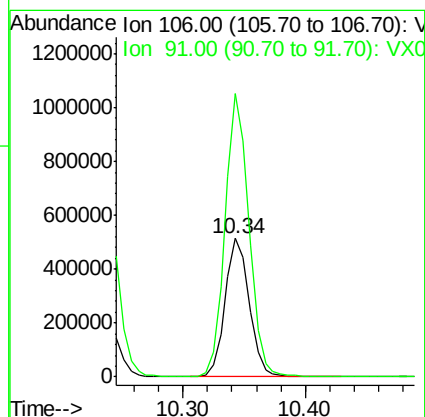
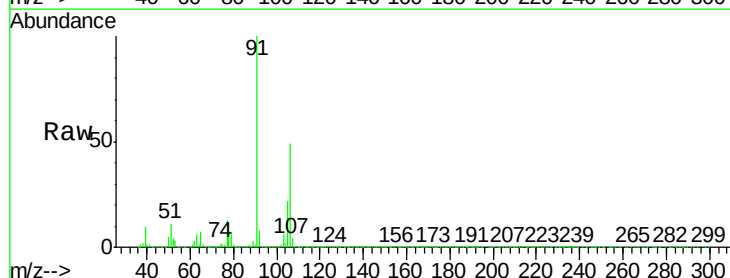
Acq: 17 Apr 2020 14:08

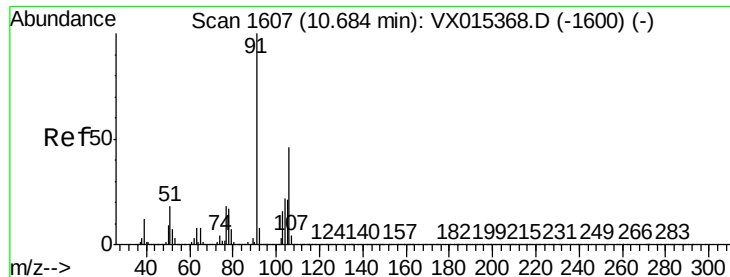
Tgt Ion: 106 Resp: 700756

Ion Ratio Lower Upper

106 100

91 201.9 163.4 245.0





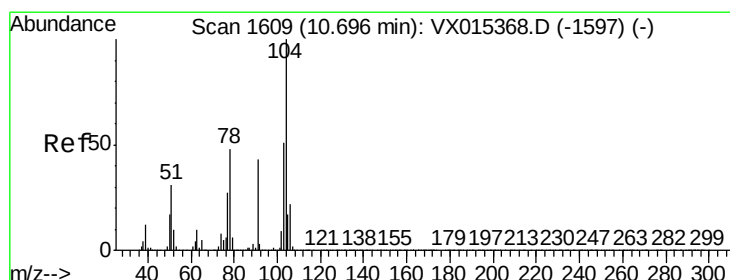
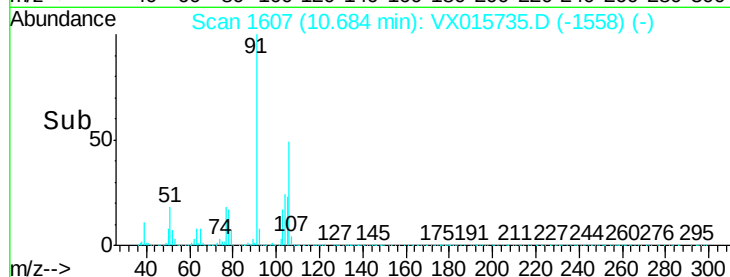
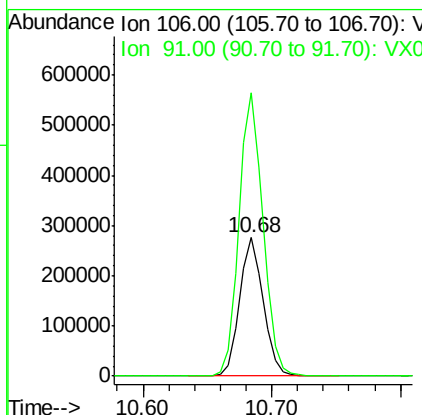
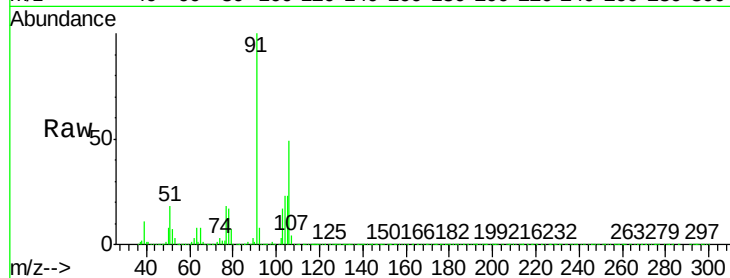
#69
o-Xylene
Concen: 19.753 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.8	107.1	321.3

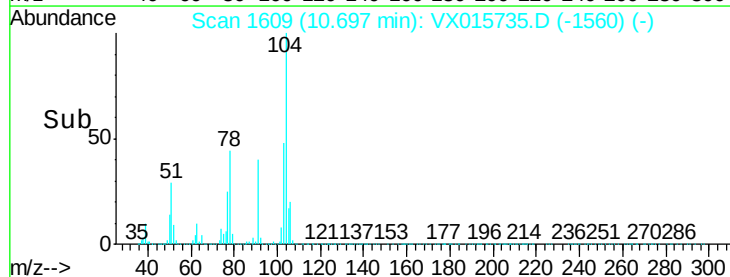
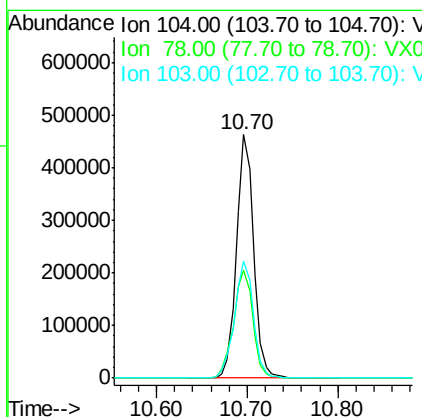
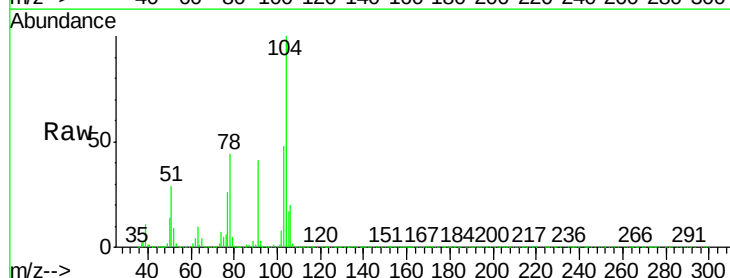
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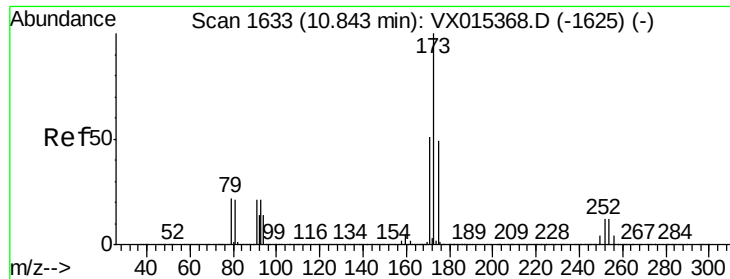
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#70
Styrene
Concen: 19.514 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	42.0	63.0
103	52.8	43.4	65.0





#71

Bromoform

Concen: 17.320 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion:173 Resp: 170876

Ion Ratio Lower Upper

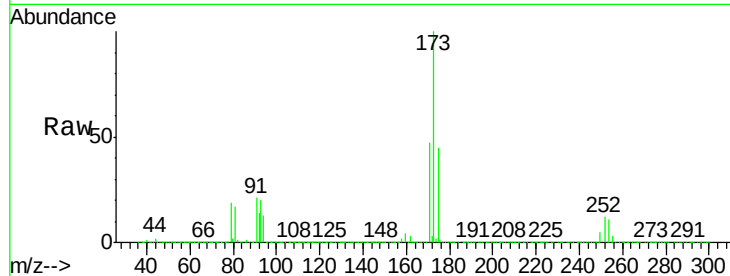
173 100

175 48.0 23.9 71.7

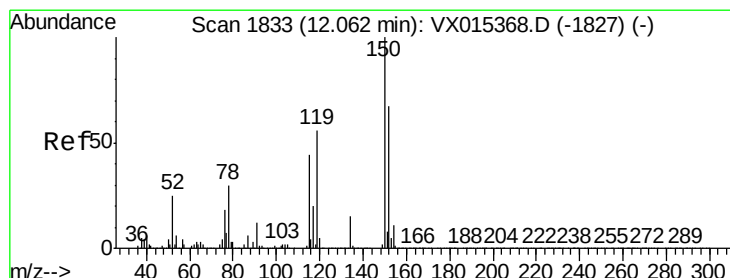
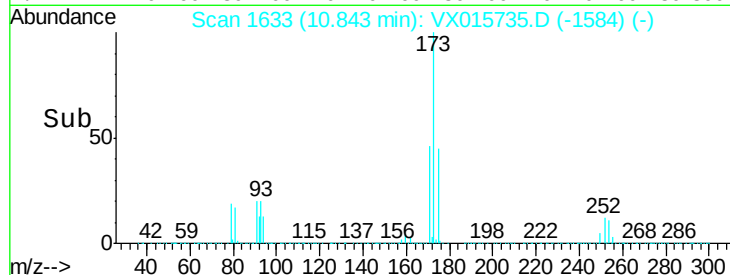
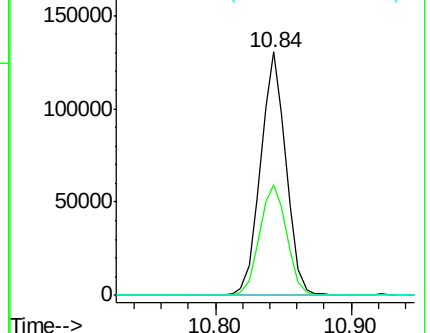
254 0.3 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

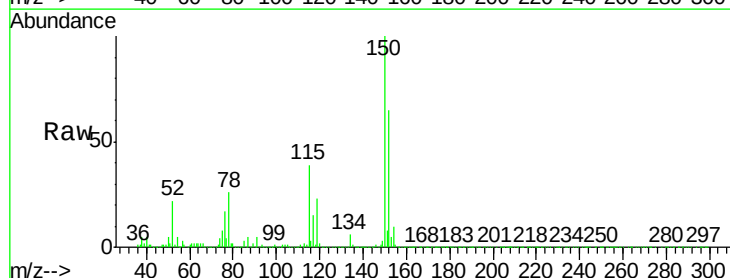
Tgt Ion:152 Resp: 738913

Ion Ratio Lower Upper

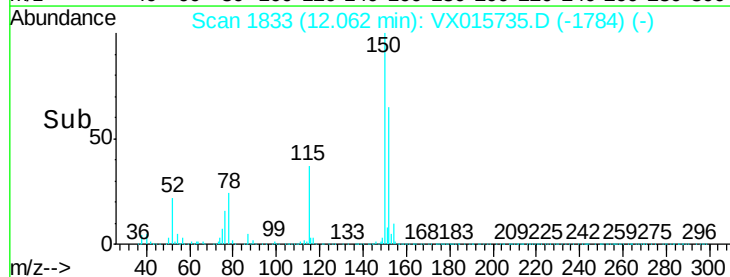
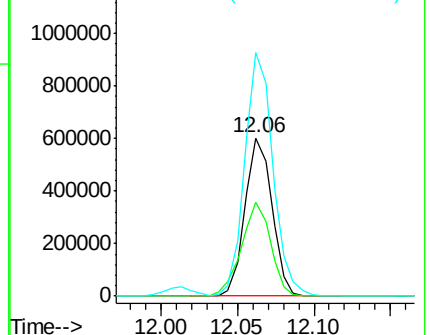
152 100

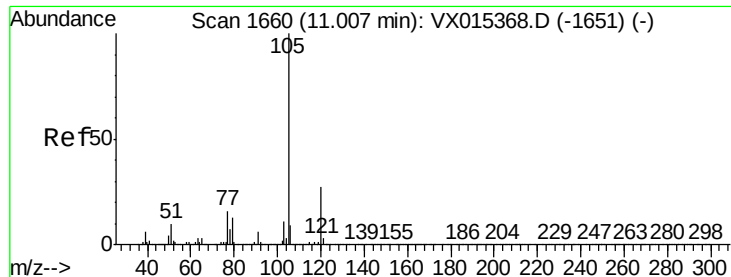
115 64.2 39.0 116.9

150 160.2 0.0 340.8



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





#73

Isopropylbenzene

Concen: 19.117 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 105 Resp: 925572

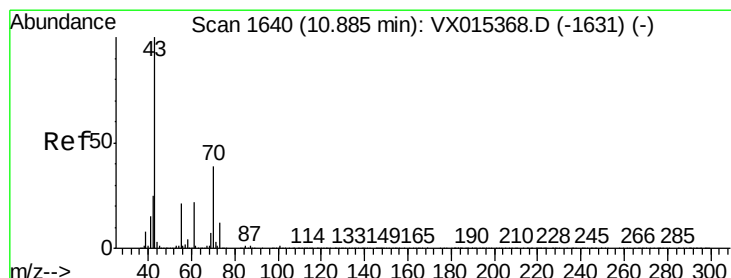
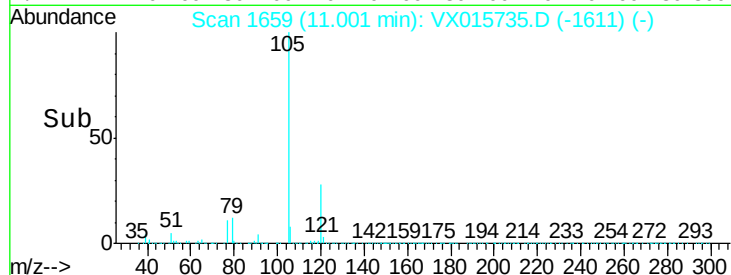
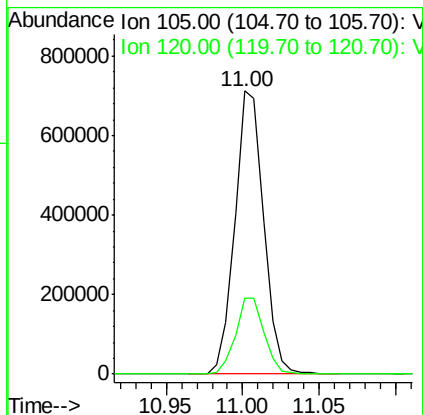
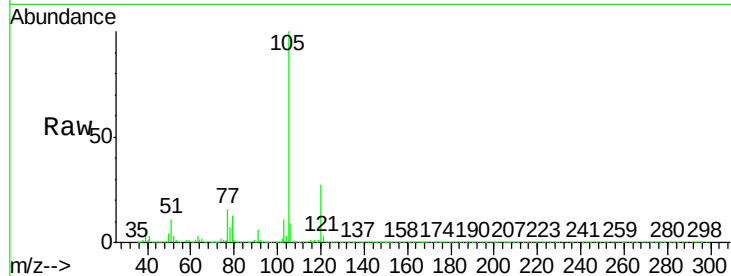
Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.331 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion: 43 Resp: 439747

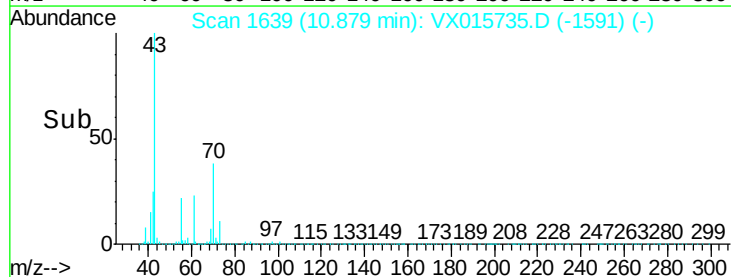
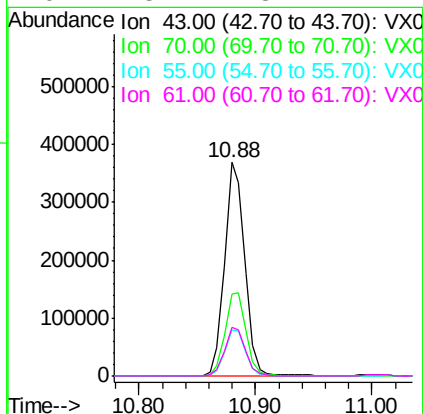
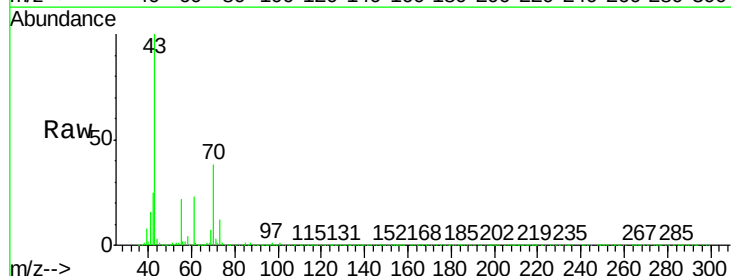
Ion Ratio Lower Upper

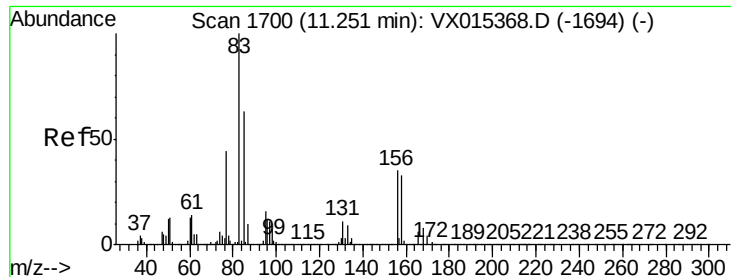
43 100

70 40.5 30.2 45.4

55 22.3 16.8 25.2

61 23.1 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.098 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

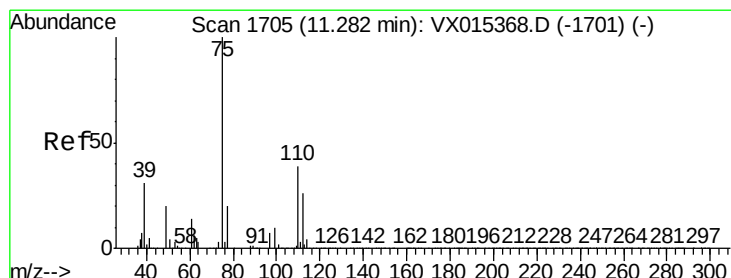
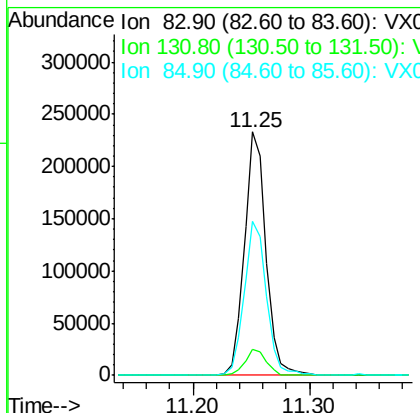
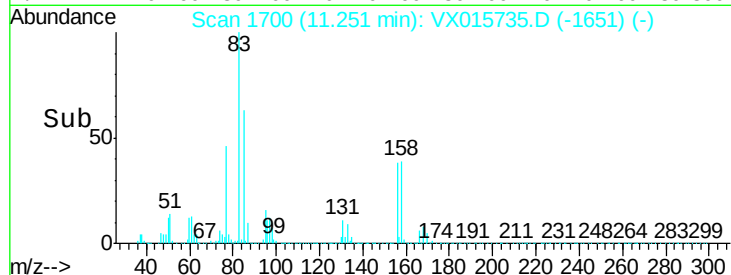
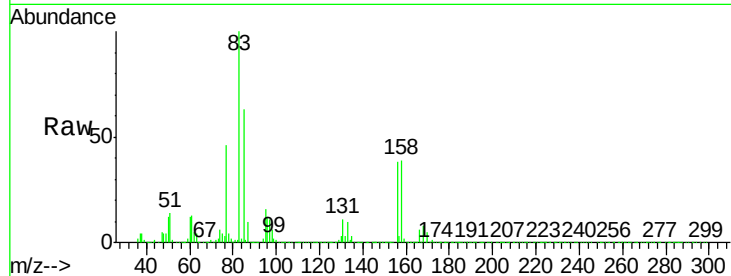
ClientSampleId :

VX0417MBS01

Tot Ion:	83	Resp:	300657
Ion Ratio		Lower	Upper
83	100		
131	10.7	5.3	16.1
85	65.4	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.927 ug/l m

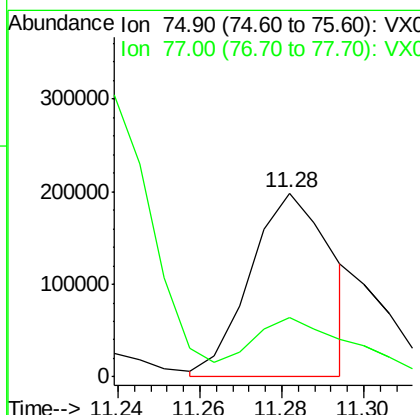
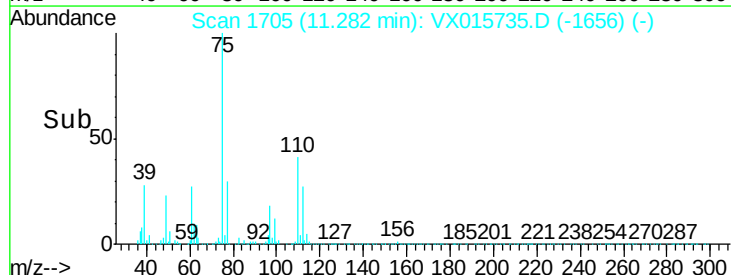
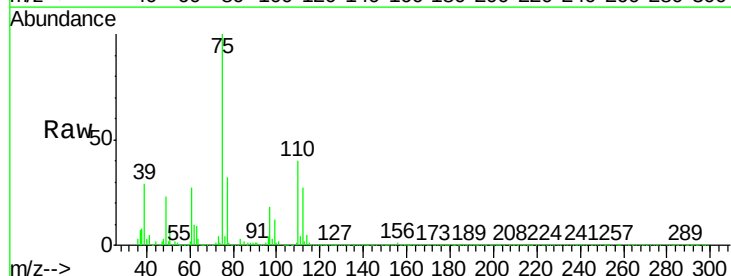
RT: 11.28 min Scan# 1705

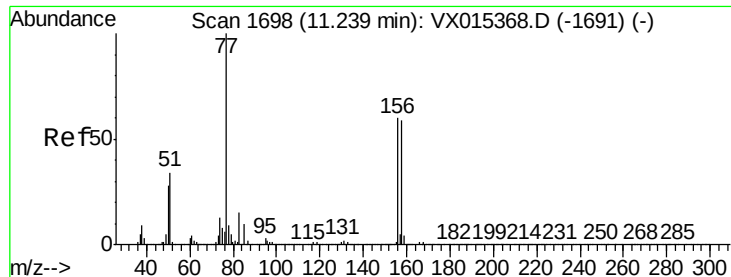
Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion:	75	Resp:	272402
Ion Ratio		Lower	Upper
75	100		
77	0.0	21.2	63.6#





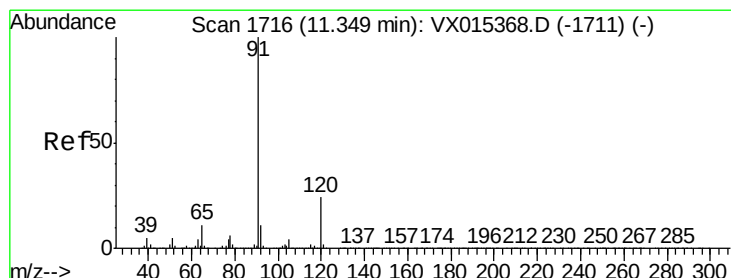
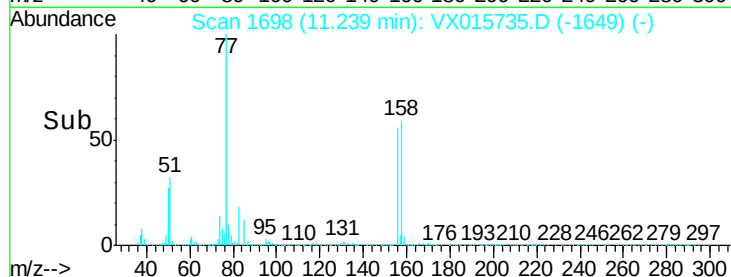
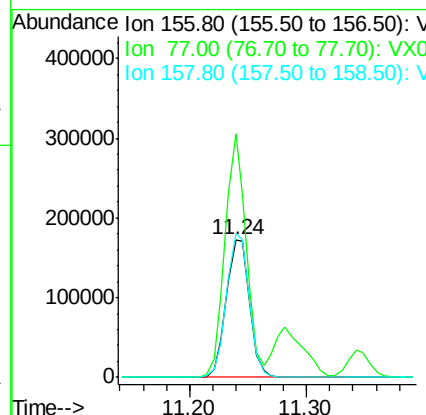
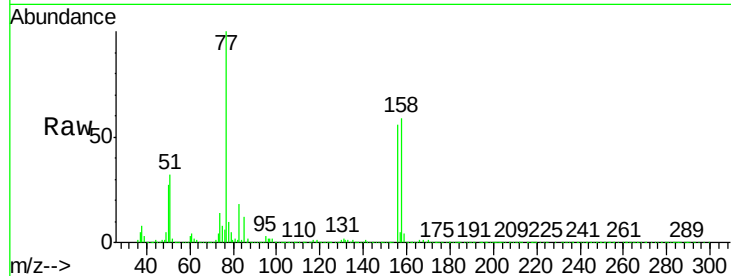
#77
Bromobenzene
Concen: 18.492 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	238809		
77	159.9	82.2	246.5	
158	101.9	49.3	147.9	

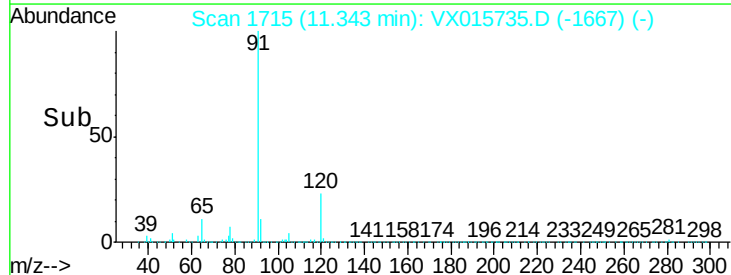
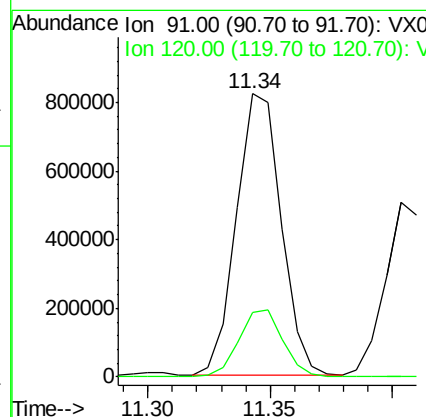
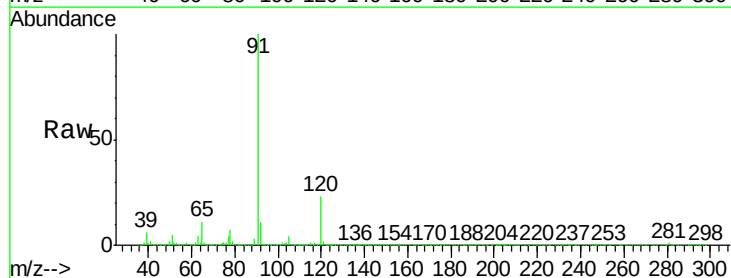
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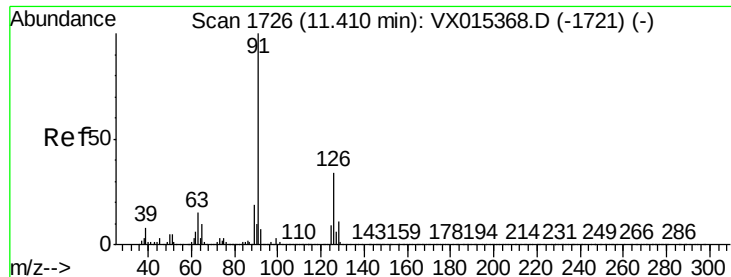
MMDadoda
4/20/2020 10:06:18 AM



#78
n-propylbenzene
Concen: 18.986 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1051070		
120	23.4	11.7	35.0	





#79

2-Chlorotoluene

Concen: 18.579 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion: 91 Resp: 630413

Ion Ratio Lower Upper

91 100

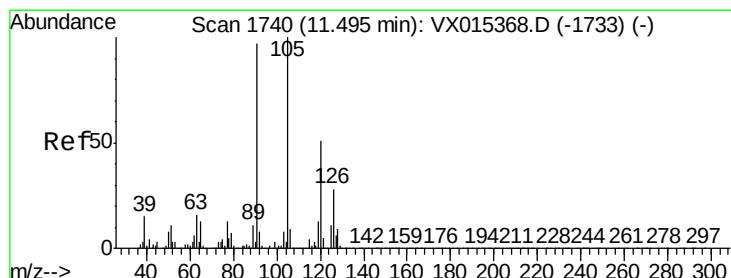
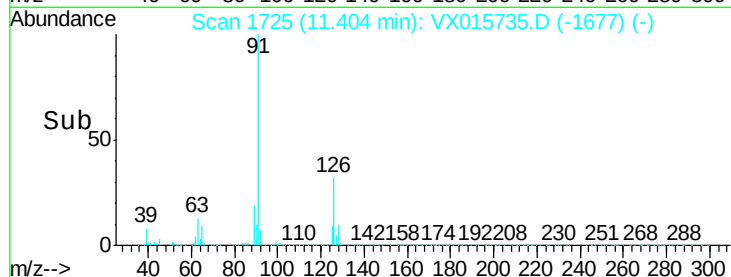
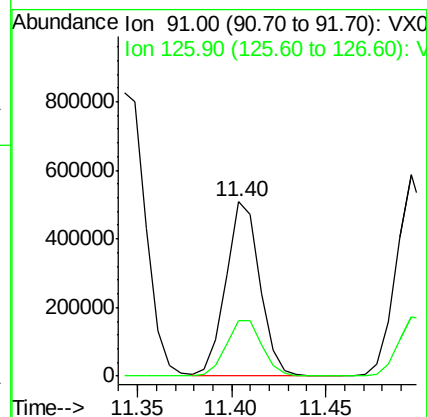
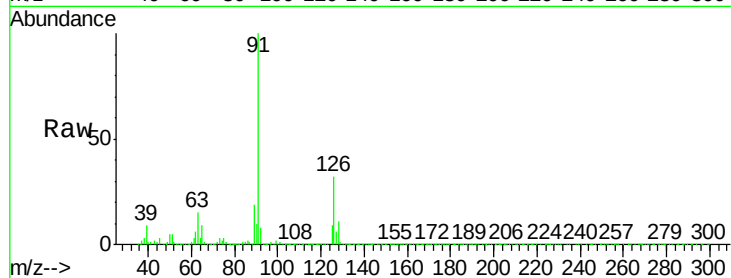
126 34.5 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.262 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015735.D

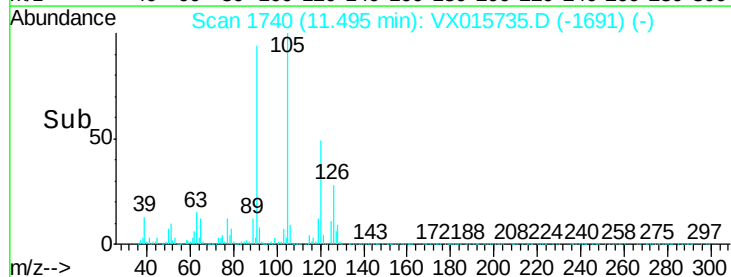
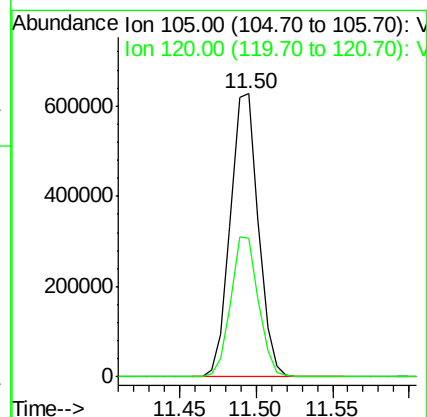
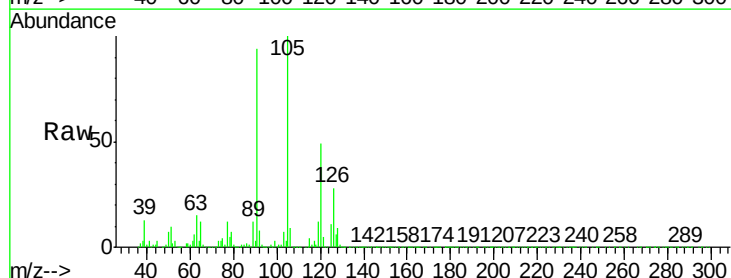
Acq: 17 Apr 2020 14:08

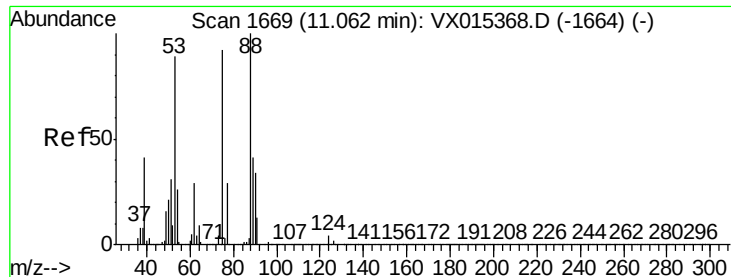
Tgt Ion:105 Resp: 796429

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4





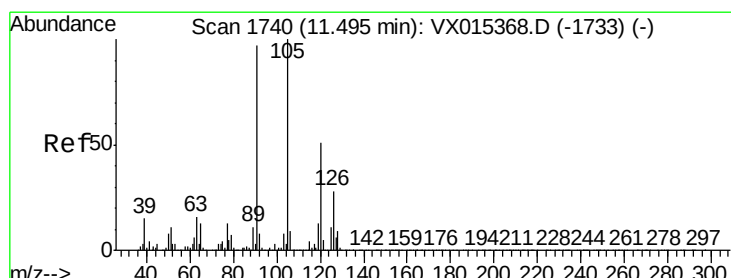
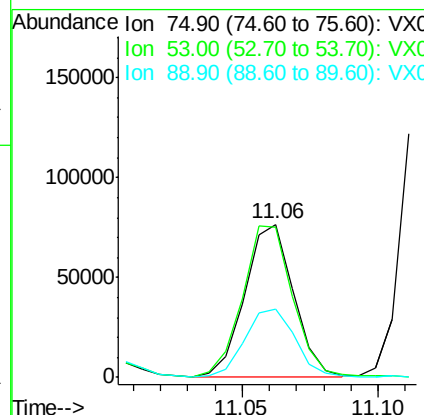
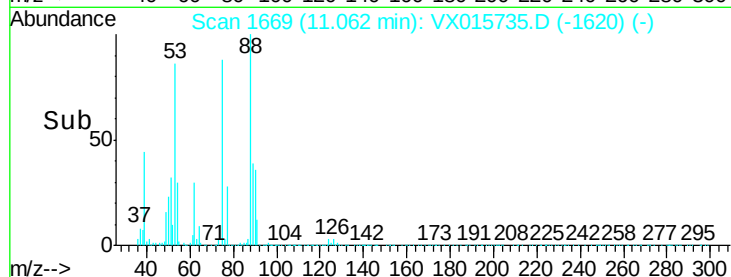
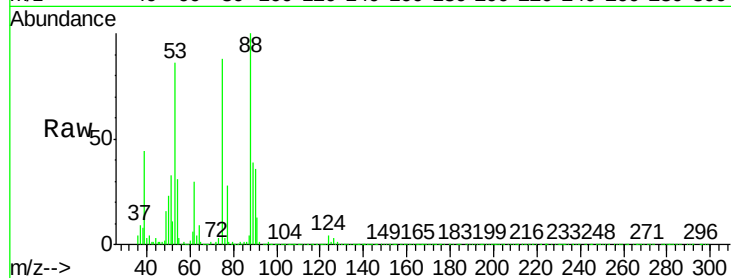
#81
trans-1,4-Dichloro-2-butene
Concen: 14.927 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.9	80.1	120.1
89	45.5	36.1	54.1

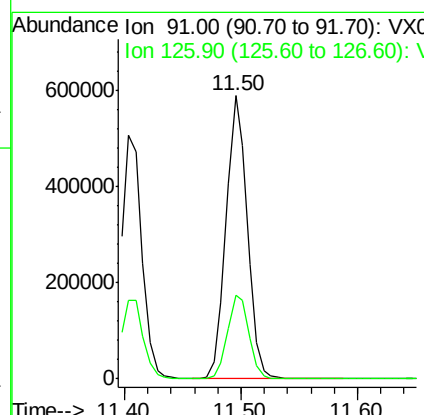
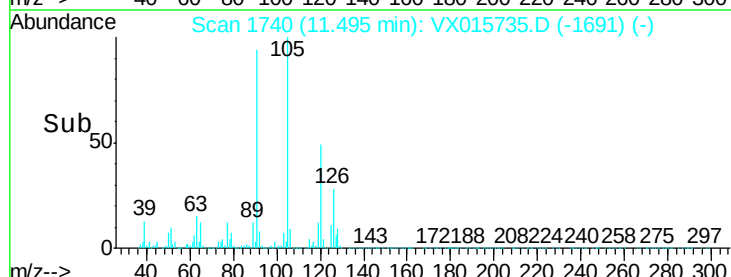
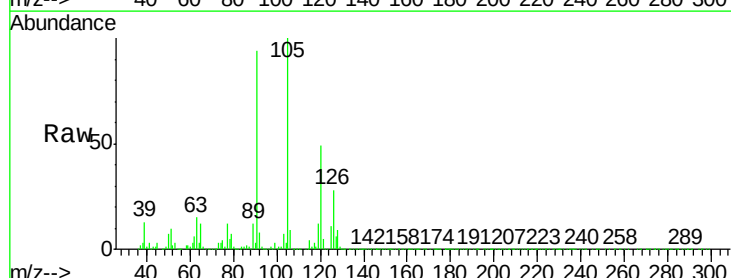
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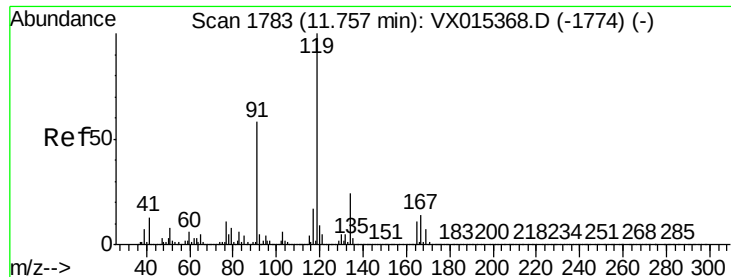
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.494 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.7	44.1





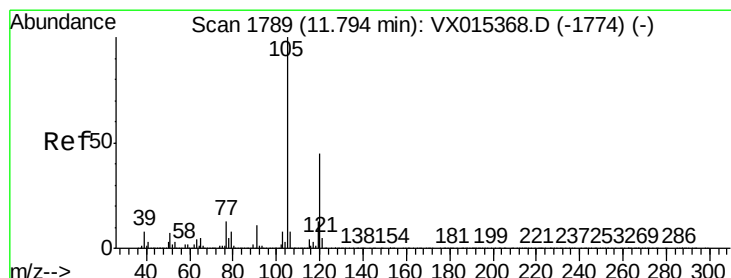
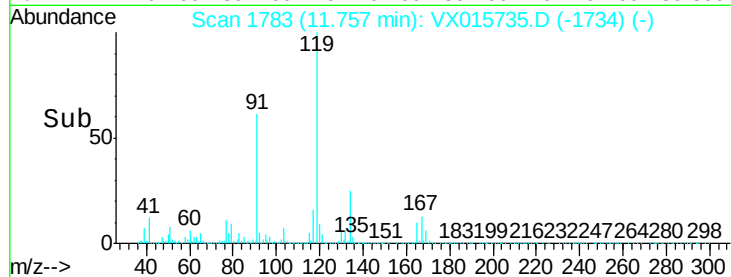
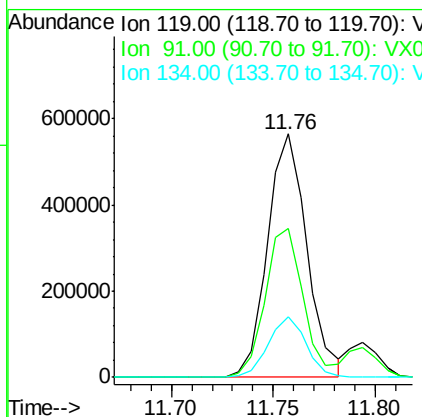
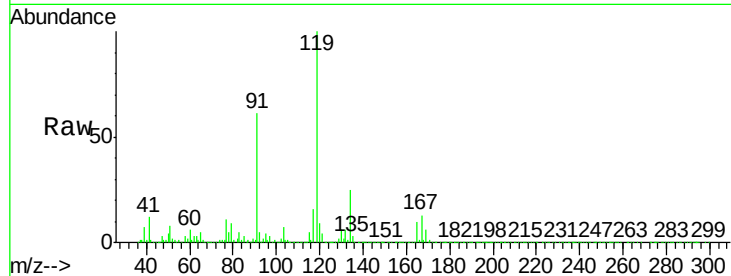
#83
 tert-Butylbenzene
 Concen: 18.771 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion:	119	Resp:	758118
Ion Ratio	Lower	Upper	
119	100		
91	58.5	28.6	85.8
134	23.9	11.8	35.3

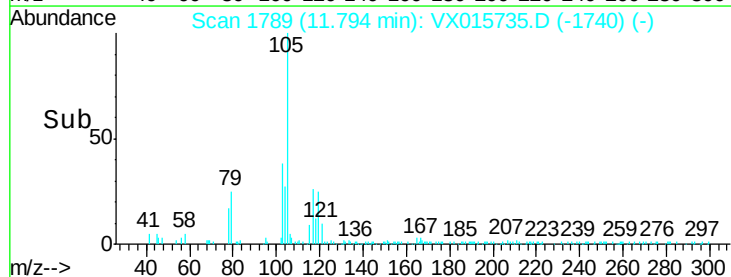
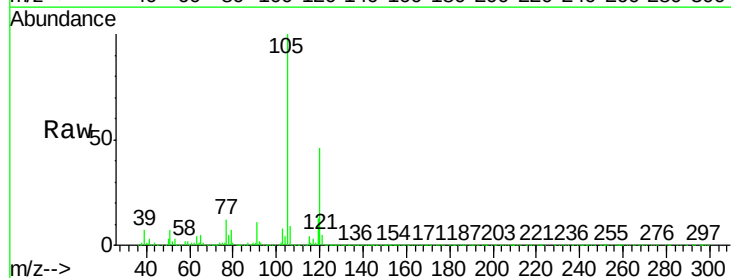
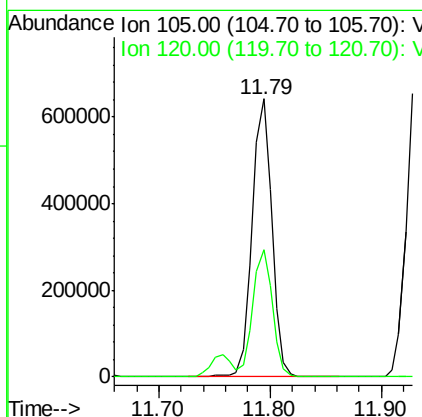
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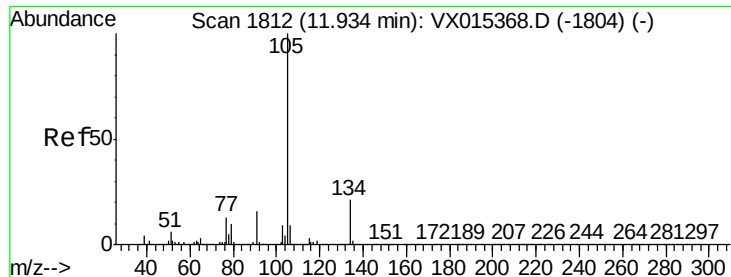
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.783 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion:	105	Resp:	791433
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.260 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion:105 Resp: 899644

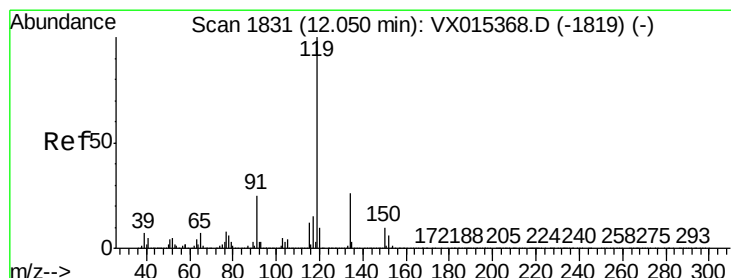
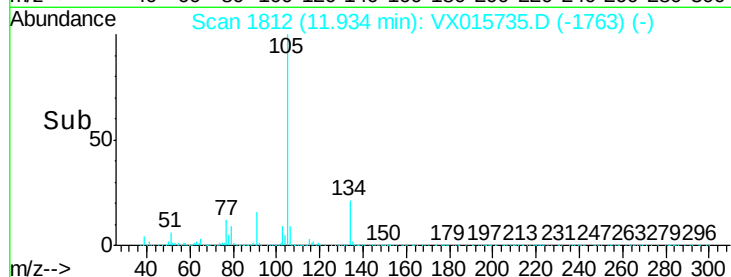
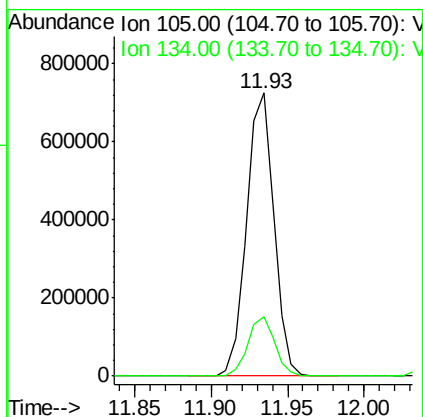
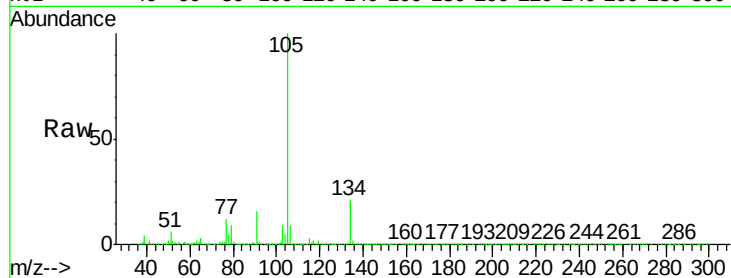
Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.096 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

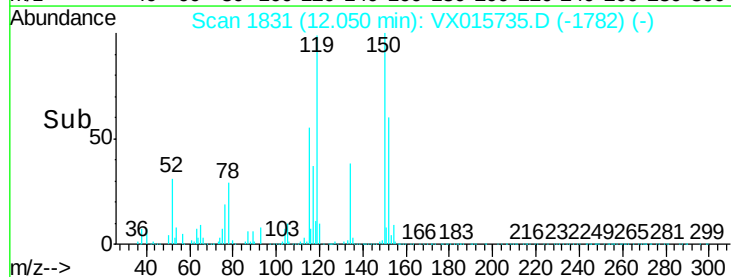
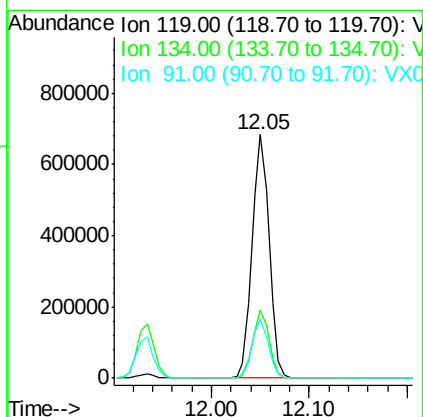
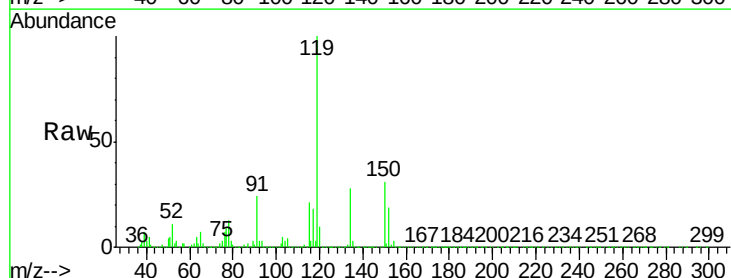
Tgt Ion:119 Resp: 828066

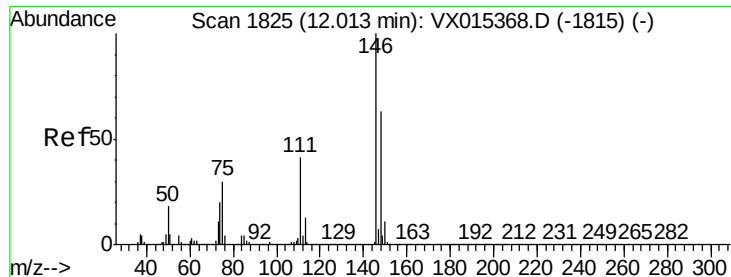
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.8 12.4 37.4





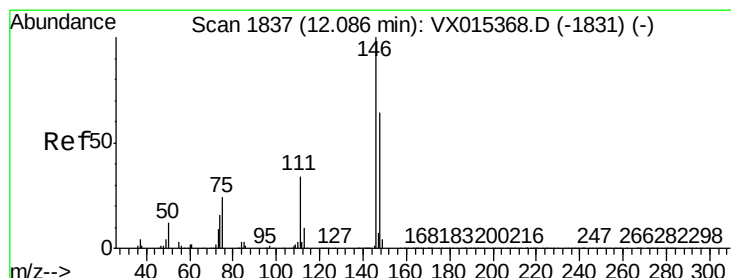
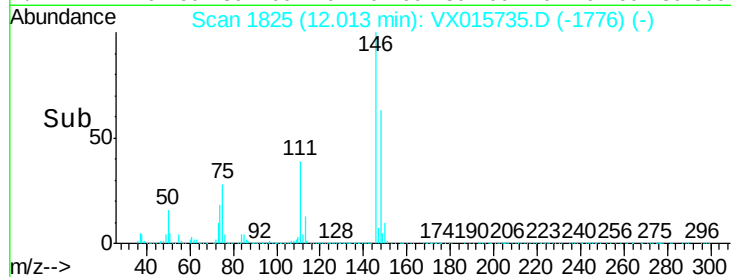
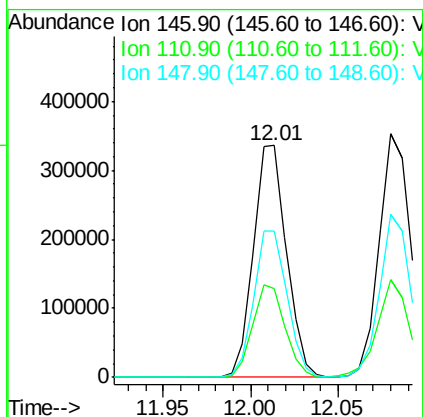
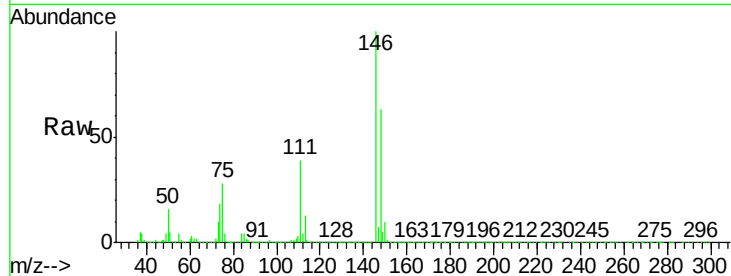
#87
 1,3-Dichlorobenzene
 Concen: 19.181 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.9
148	63.3	31.3	93.9

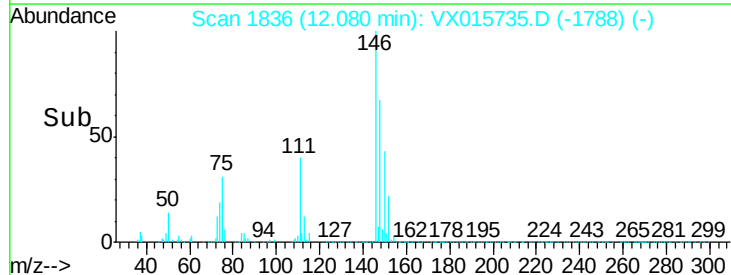
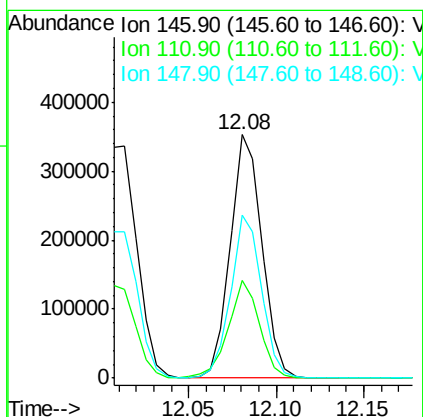
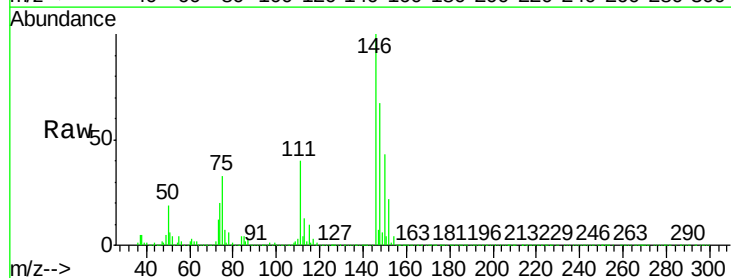
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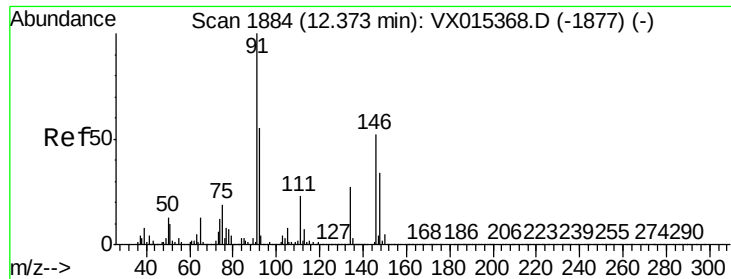
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#88
 1,4-Dichlorobenzene
 Concen: 18.808 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.5
148	65.3	32.4	97.2





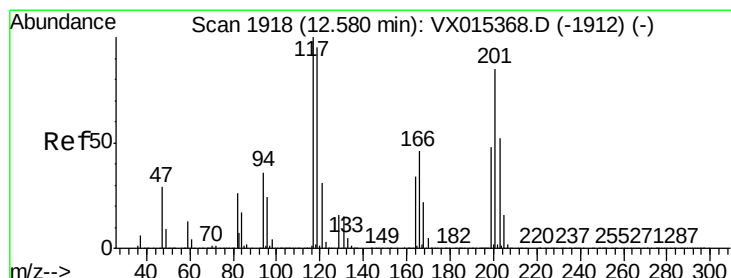
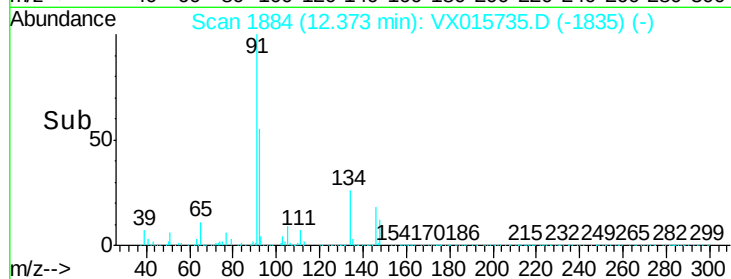
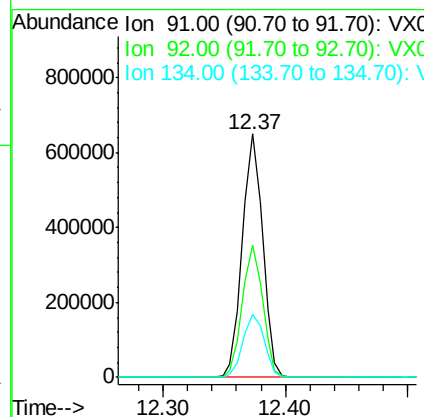
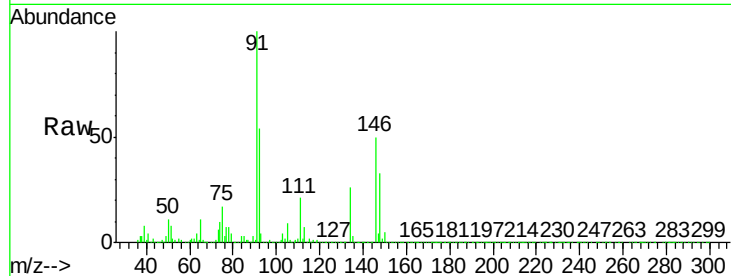
#89
n-Butylbenzene
Concen: 18.933 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.5
134	27.4	13.4	40.2

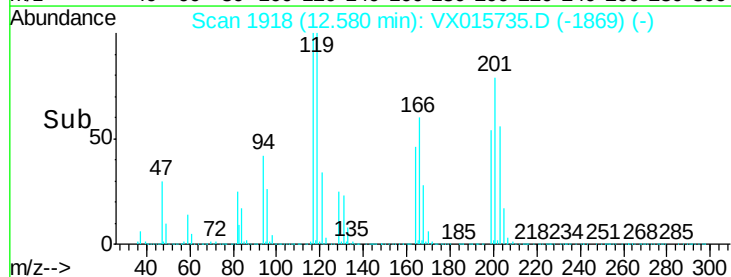
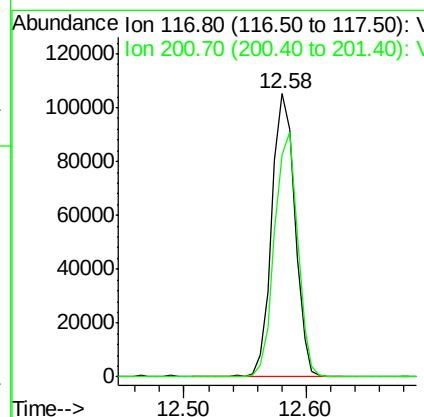
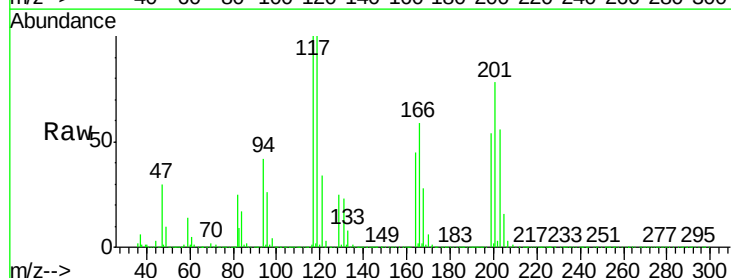
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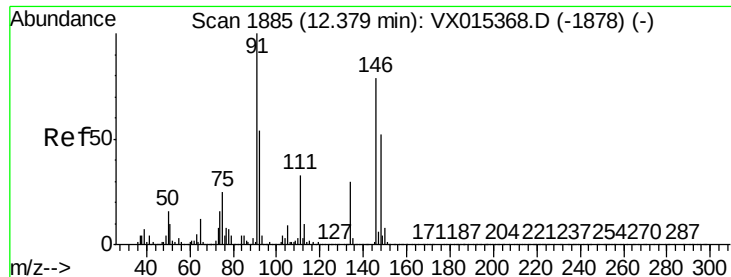
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#90
Hexachloroethane
Concen: 16.456 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.1	42.6	128.0





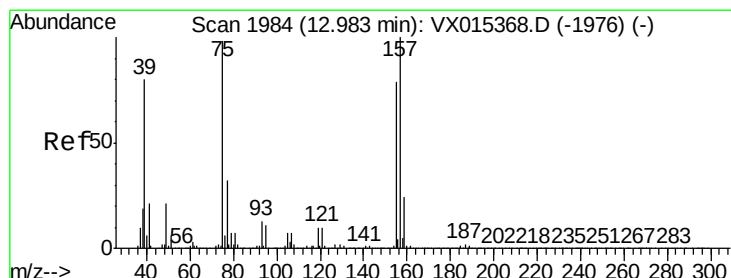
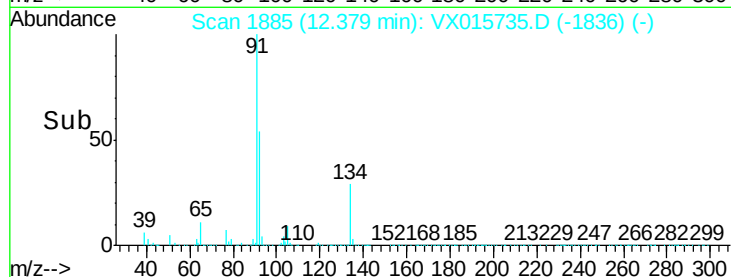
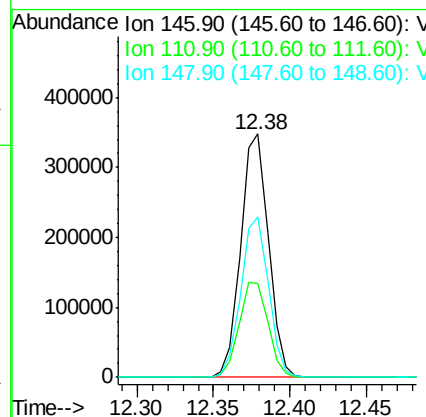
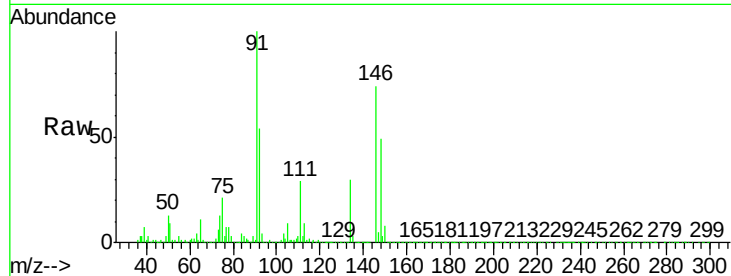
#91
 1,2-Dichlorobenzene
 Concen: 19.434 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.6	21.0	63.0	
148	65.5	32.4	97.0	

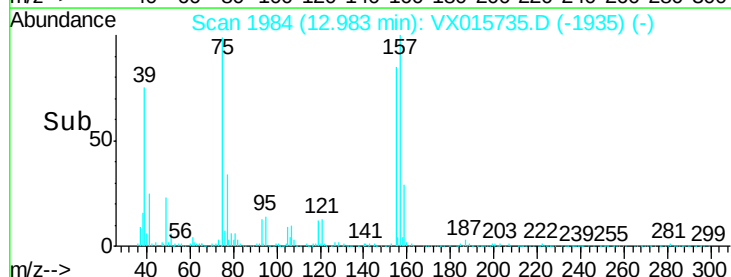
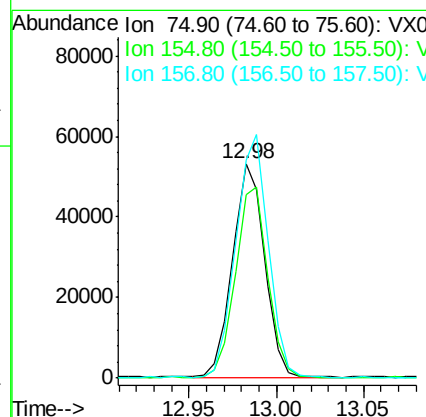
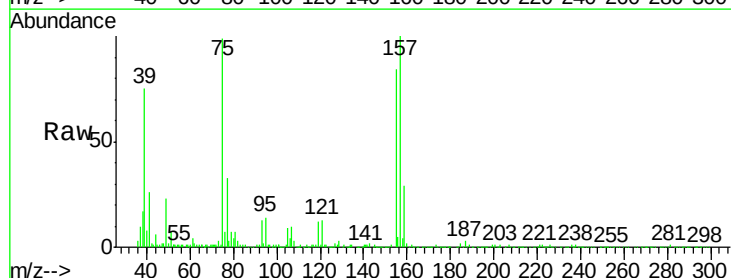
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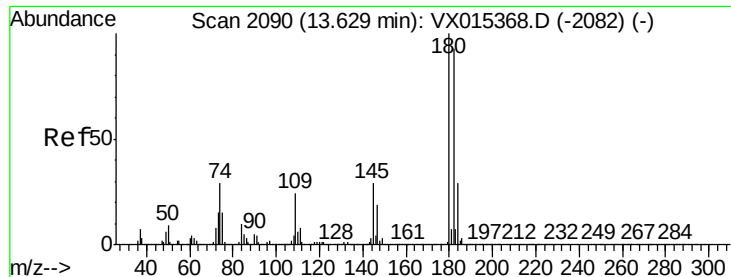
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.388 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	90.4	42.8	128.4	
157	117.0	53.4	160.3	





#93

1,2,4-Trichlorobenzene

Concen: 19.127 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

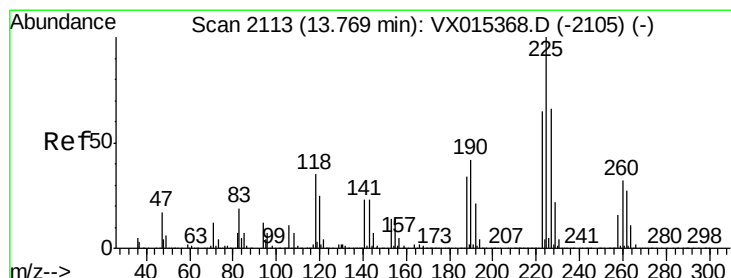
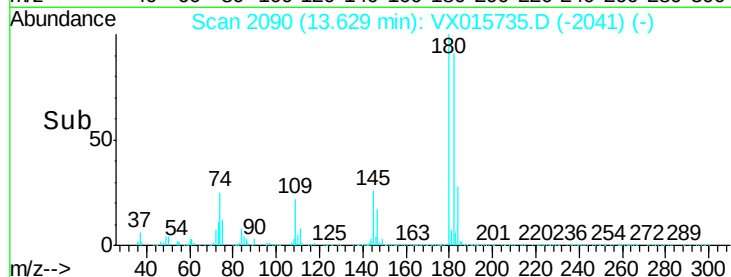
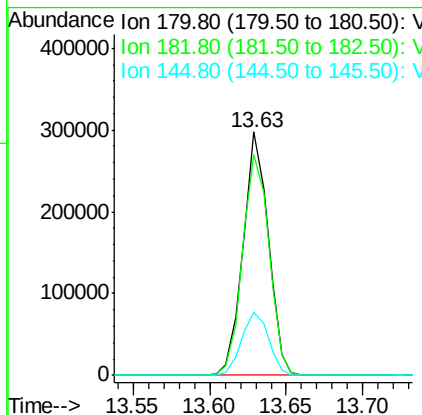
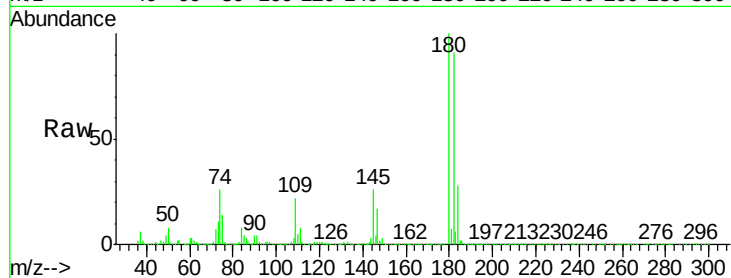
ClientSampleId :

VX0417MBS01

Tot Ion:	180	Resp:	342297
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.9	140.7
145	27.9	14.9	44.5

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#94

Hexachlorobutadiene

Concen: 19.324 ug/l

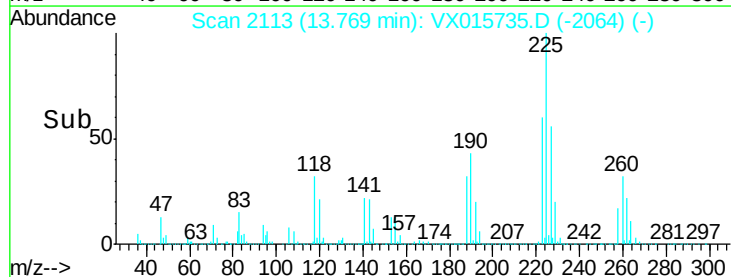
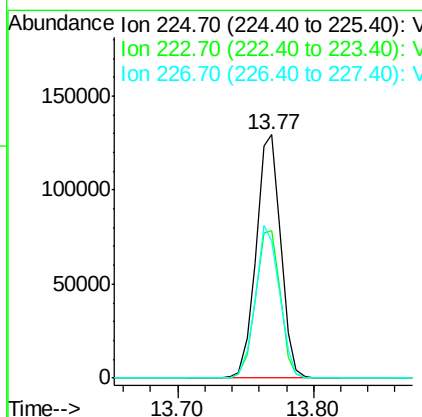
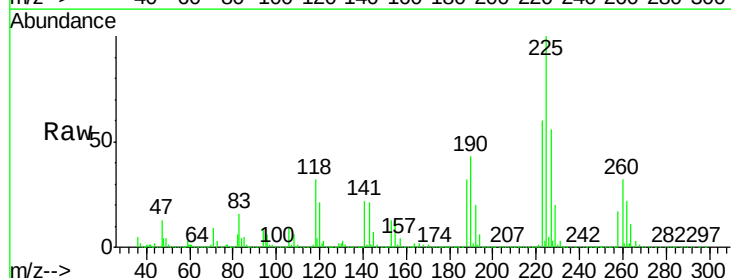
RT: 13.77 min Scan# 2113

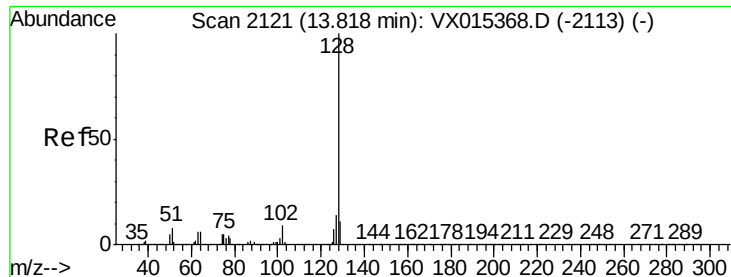
Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion:	225	Resp:	164647
Ion Ratio	Lower	Upper	
225	100		
223	61.4	31.9	95.7
227	61.7	30.4	91.3





#95

Naphthalene

Concen: 18.712 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBS01

Tot Ion:128 Resp: 1021502

Ion Ratio Lower Upper

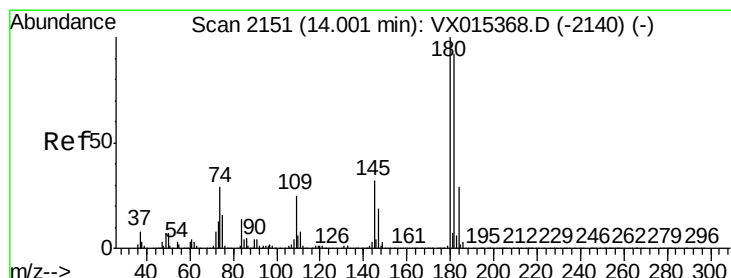
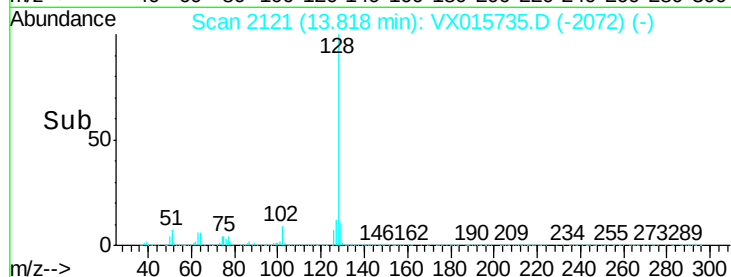
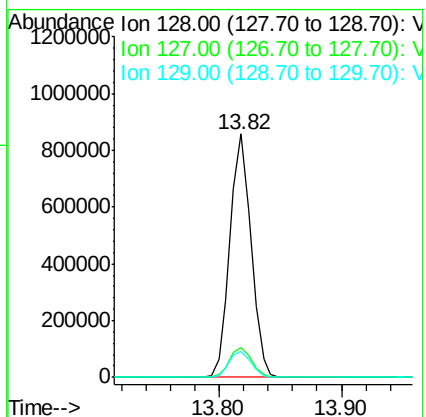
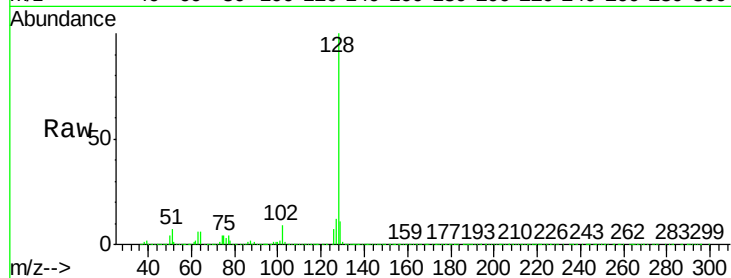
128 100

127 12.8 10.6 15.8

129 11.1 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:06:18 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.119 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion:180 Resp: 346664

Ion Ratio Lower Upper

180 100

182 92.3 46.7 140.0

145 29.9 15.8 47.3

