

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015615.D
 Acq On : 10 Apr 2020 12:55
 Operator : JC/SP
 Sample : VX0410WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Manual Integrations
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 4/13/2020 1:24:03 PM

Quant Time: Apr 11 01:32:51 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	1193777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1795745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1632221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	882851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	780805	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	5.47	113	578027	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.70	98	2105924	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.12	95	849288	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	196766	18.709	ug/l	100
3) Chloromethane	1.31	50	234270	17.491	ug/l	98
4) Vinyl Chloride	1.39	62	234290	19.050	ug/l	100
5) Bromomethane	1.63	94	148149	21.527	ug/l	98
6) Chloroethane	1.72	64	149453	19.594	ug/l	100
7) Trichlorofluoromethane	1.92	101	335702	20.354	ug/l	97
8) Diethyl Ether	2.17	74	135986	19.547	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212702	19.782	ug/l	97
10) Methyl Iodide	2.49	142	261905	18.067	ug/l	98
11) Tert butyl alcohol	3.01	59	299839	74.402	ug/l	99
12) 1,1-Dichloroethene	2.36	96	212661	18.869	ug/l	95
13) Acrolein	2.27	56	104337	45.449	ug/l	99
14) Allyl chloride	2.71	41	470662	17.872	ug/l	96
15) Acrylonitrile	3.11	53	703225	91.500	ug/l	99
16) Acetone	2.42	43	801045	110.741	ug/l	99
17) Carbon Disulfide	2.55	76	574256	16.702	ug/l	98
18) Methyl Acetate	2.75	43	341549	18.500	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	821440	18.792	ug/l	100
20) Methylene Chloride	2.84	84	252171	18.664	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	232217	18.565	ug/l	97
22) Diisopropyl ether	3.83	45	893363	19.144	ug/l	97
23) Vinyl Acetate	3.78	43	3977869	94.150	ug/l	99
24) 1,1-Dichloroethane	3.67	63	450621	18.341	ug/l	99
25) 2-Butanone	4.64	43	1101240	94.665	ug/l	98
26) 2,2-Dichloropropane	4.56	77	416632	20.659	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	278046	19.214	ug/l	98
28) Bromochloromethane	4.98	49	206390	17.594	ug/l	98
29) Tetrahydrofuran	5.09	42	660573	88.329	ug/l	99
30) Chloroform	5.18	83	449999	19.037	ug/l	97
31) Cyclohexane	5.56	56	404144	18.961	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	415005	19.400	ug/l	100
36) 1,1-Dichloropropene	5.78	75	333347	20.147	ug/l	98
37) Ethyl Acetate	4.80	43	409319	18.999	ug/l	99
38) Carbon Tetrachloride	5.76	117	363167	20.265	ug/l	99

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Quant Time: Apr 11 01:32:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	399816	20.958	ug/l	96
40) Benzene	6.12	78	966591	19.943	ug/l	99
41) Methacrylonitrile	5.01	41	237690	19.875	ug/l	99
42) 1,2-Dichloroethane	6.17	62	402845	20.692	ug/l	99
43) Isopropyl Acetate	6.42	43	700443	19.260	ug/l	100
44) Trichloroethene	7.19	130	273734	20.709	ug/l	94
45) 1,2-Dichloropropane	7.50	63	257513	19.422	ug/l	100
46) Dibromomethane	7.64	93	172502	19.834	ug/l	97
47) Bromodichloromethane	7.88	83	364081	19.646	ug/l	96
48) Methyl methacrylate	7.75	41	347187	19.112	ug/l	99
49) 1,4-Dioxane	7.72	88	110855	327.125	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2047349	99.335	ug/l	99
52) Toluene	8.77	92	621365	20.794	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	413431	19.021	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	440841	19.911	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	256070	20.917	ug/l	95
56) Ethyl methacrylate	9.16	69	420354	19.483	ug/l	99
57) 1,3-Dichloropropane	9.36	76	440495	19.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1032065	98.343	ug/l	100
59) 2-Hexanone	9.47	43	1591169	102.257	ug/l	100
60) Dibromochloromethane	9.57	129	297018	20.190	ug/l	99
61) 1,2-Dibromoethane	9.65	107	263524	19.796	ug/l	96
64) Tetrachloroethene	9.32	164	257884	20.936	ug/l	97
65) Chlorobenzene	10.12	112	677779	20.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	264919	20.371	ug/l	99
67) Ethyl Benzene	10.24	91	1197089	20.735	ug/l	99
68) m/p-Xylenes	10.34	106	912864	42.463	ug/l	99
69) o-Xylene	10.68	106	445559	20.974	ug/l	100
70) Styrene	10.70	104	757105	20.253	ug/l	99
71) Bromoform	10.84	173	219920	18.577	ug/l #	96
73) Isopropylbenzene	11.00	105	1178984	20.381	ug/l	98
74) N-amyl acetate	10.88	43	600311	18.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	386512	19.472	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	361747m	19.925	ug/l	
77) Bromobenzene	11.24	156	316407	20.506	ug/l	96
78) n-propylbenzene	11.34	91	1348834	20.392	ug/l	99
79) 2-Chlorotoluene	11.40	91	812398	20.038	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1015242	20.550	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	133978	17.707	ug/l	97
82) 4-Chlorotoluene	11.50	91	965290	20.310	ug/l	99
83) tert-Butylbenzene	11.76	119	1004907	20.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1018200	20.225	ug/l	97
85) sec-Butylbenzene	11.93	105	1162441	20.829	ug/l	99
86) p-Isopropyltoluene	12.05	119	1098149	21.195	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	553063	20.022	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	557137	19.802	ug/l	98
89) n-Butylbenzene	12.37	91	967327	20.661	ug/l	99
90) Hexachloroethane	12.58	117	185421	18.387	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	546474	20.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94110	16.798	ug/l	97

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ClientSampleId :
VX0410WBS01

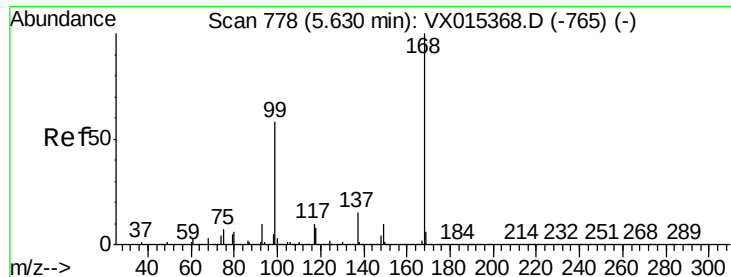
Manual Integrations
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Quant Time: Apr 11 01:32:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	446026	20.860	ug/l	97
94) Hexachlorobutadiene	13.77	225	199701	19.616	ug/l	98
95) Naphthalene	13.82	128	1310305	20.089	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	413801	20.100	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion:168 Resp: 1193777

Ion Ratio Lower Upper

168 100

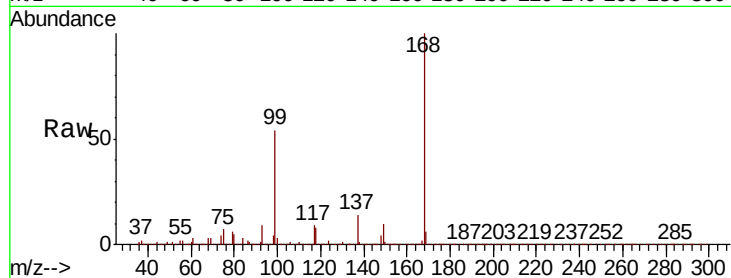
99 54.0 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

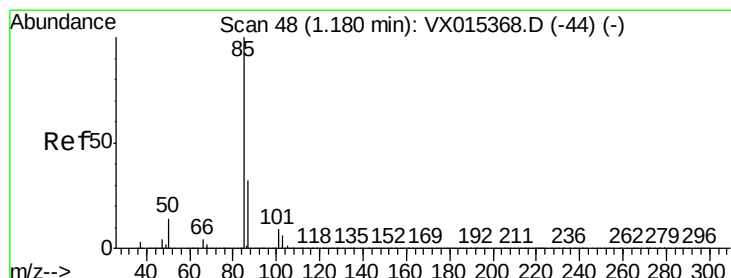
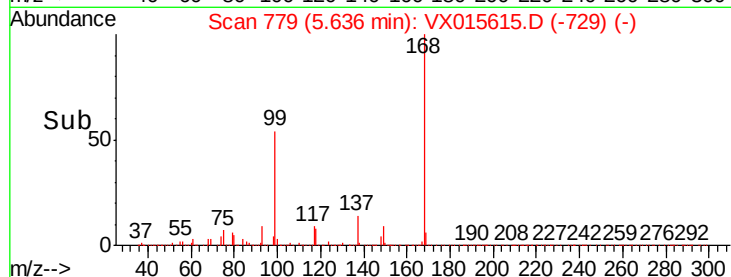
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.709 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015615.D

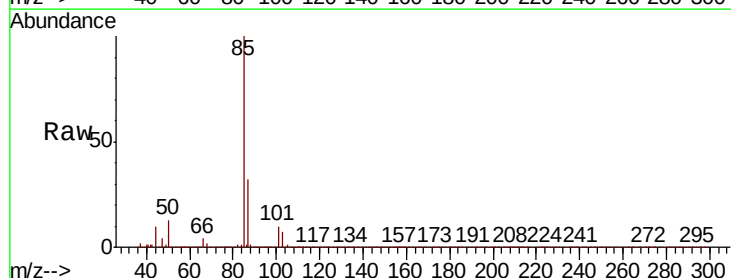
Acq: 10 Apr 2020 12:55

Tgt Ion: 85 Resp: 196766

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

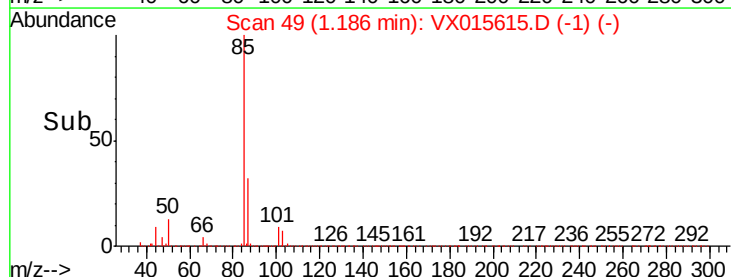
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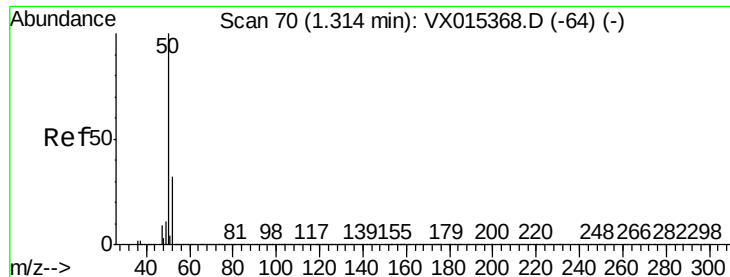
100000

50000

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Time-->





#3

Chloromethane

Concen: 17.491 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 50 Resp: 234270

Ion Ratio Lower Upper

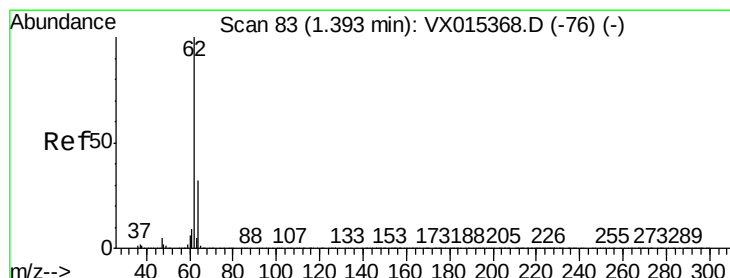
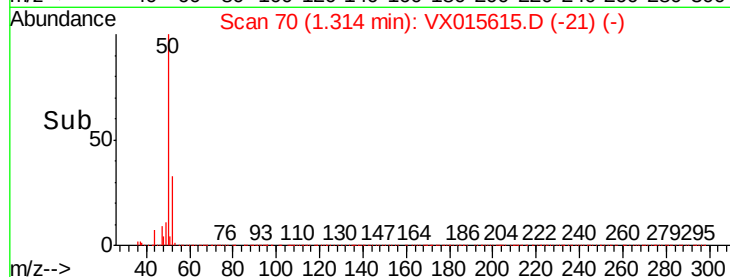
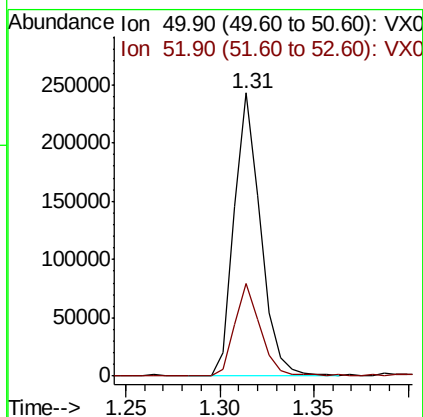
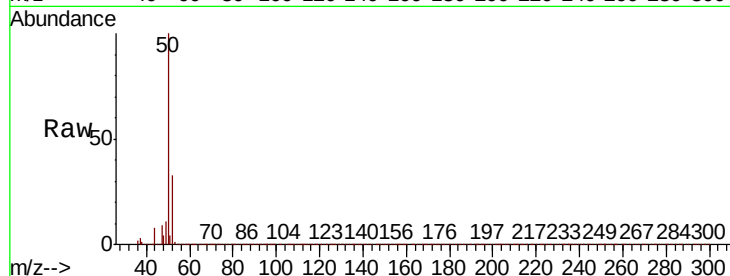
50 100

52 32.6 25.3 37.9

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#4

Vinyl Chloride

Concen: 19.050 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015615.D

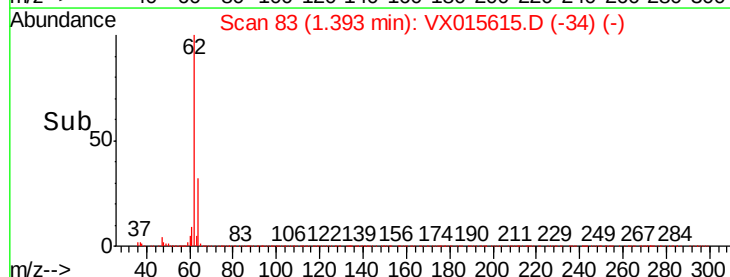
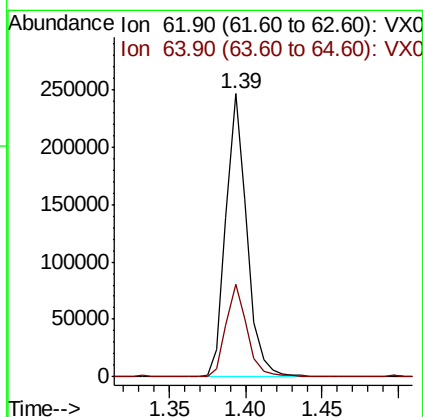
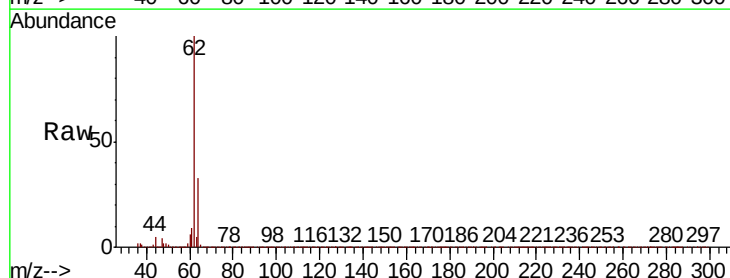
Acq: 10 Apr 2020 12:55

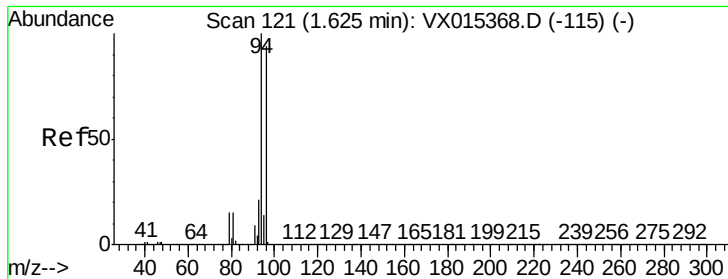
Tgt Ion: 62 Resp: 234290

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0





#5

Bromomethane

Concen: 21.527 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 94 Resp: 148149

Ion Ratio Lower Upper

94 100

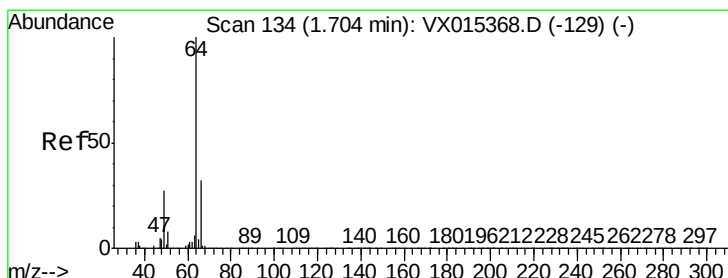
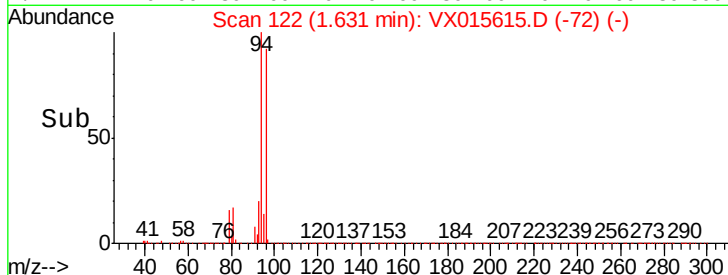
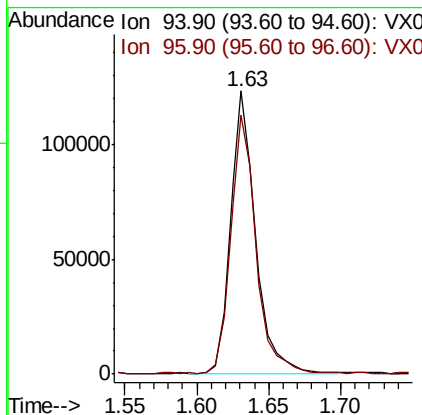
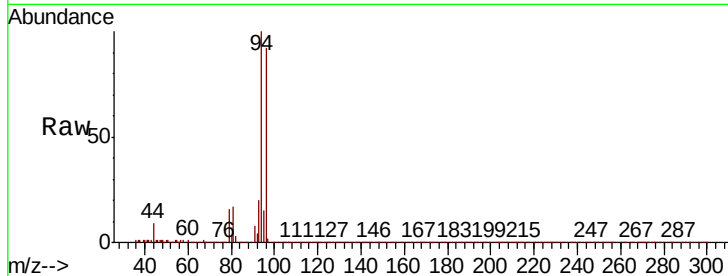
96 91.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 19.594 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015615.D

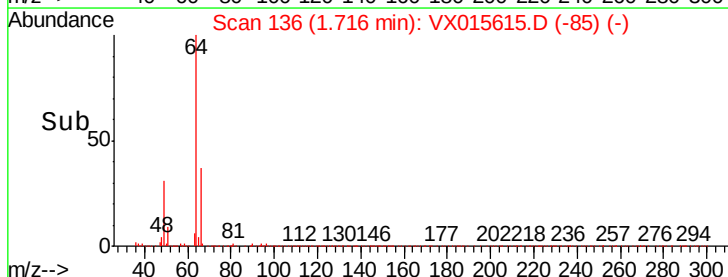
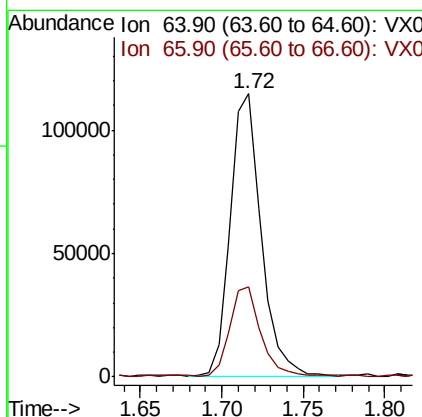
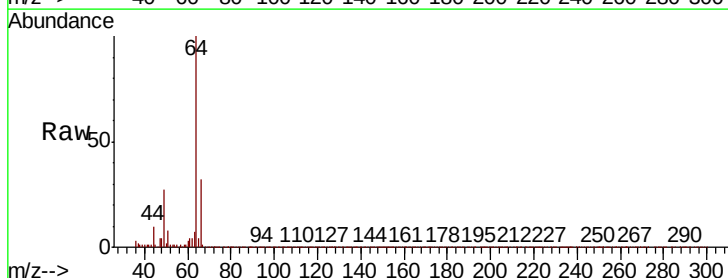
Acq: 10 Apr 2020 12:55

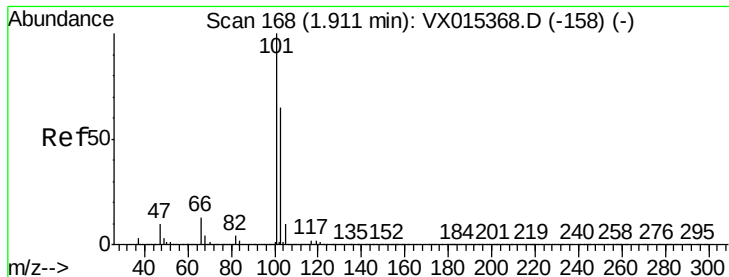
Tgt Ion: 64 Resp: 149453

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.2





#7

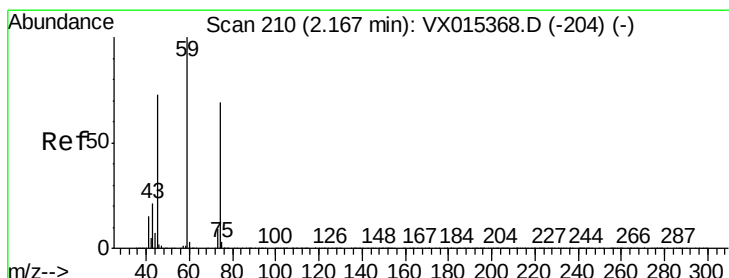
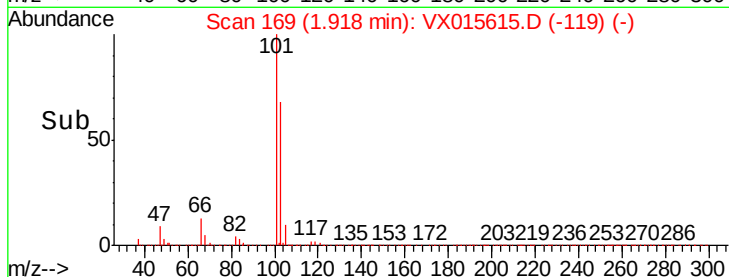
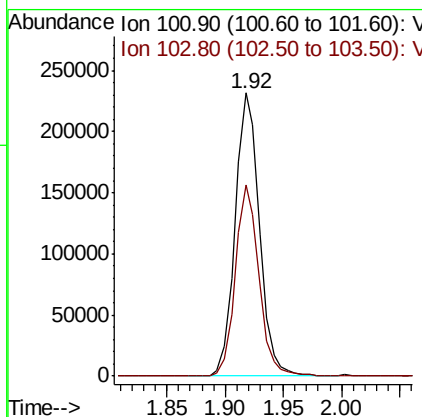
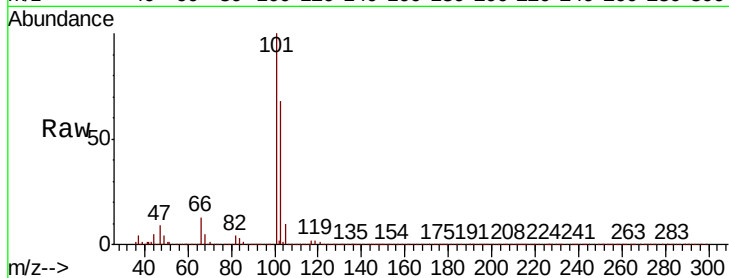
Trichlorofluoromethane
Concen: 20.354 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
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ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.3	78.5

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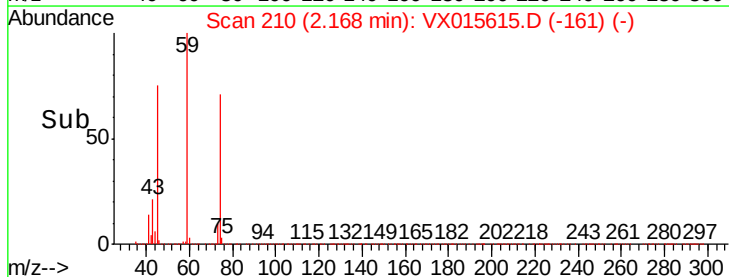
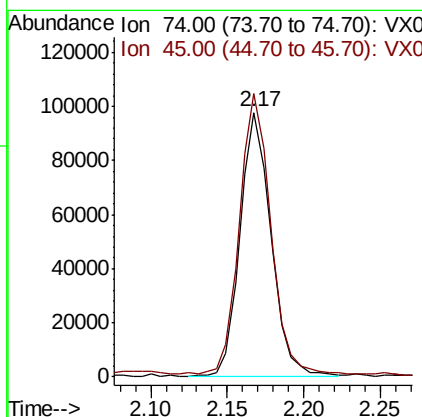
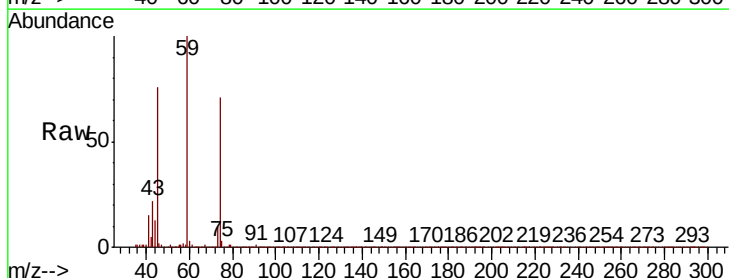
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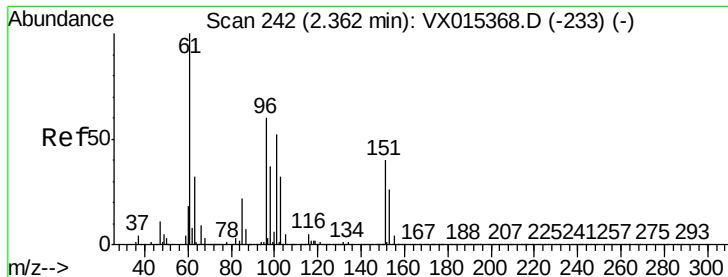


#8

Diethyl Ether
Concen: 19.547 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.1	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.782 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

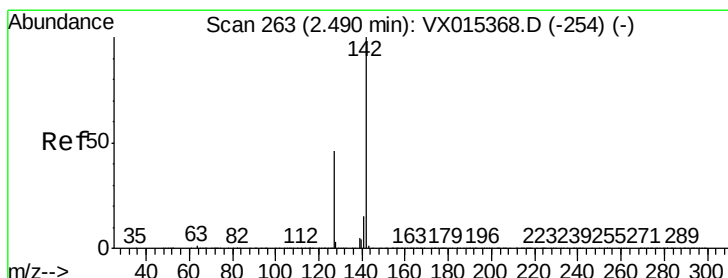
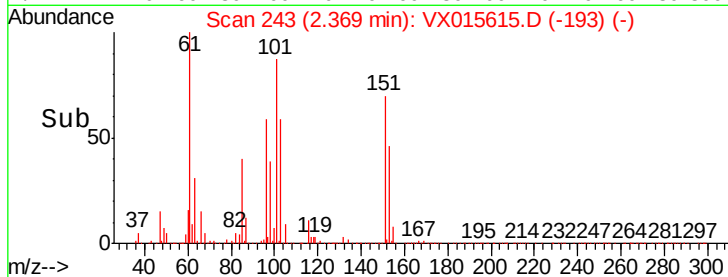
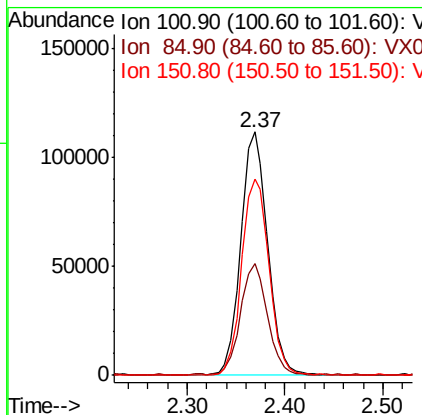
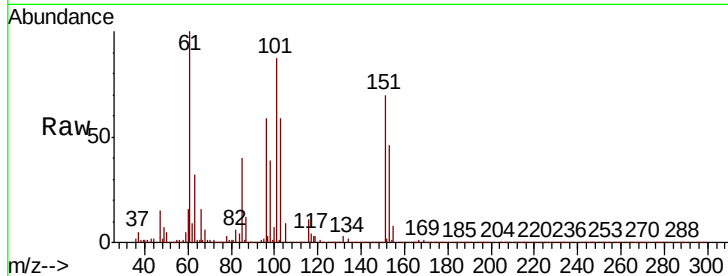
ClientSampleId :

VX0410WBS01

Tot Ion:	101	Resp:	212702
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.0	52.4
151	82.3	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.067 ug/l

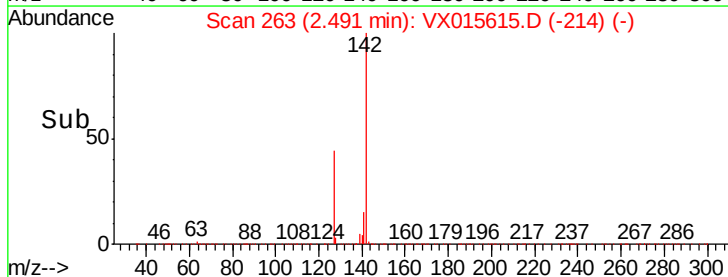
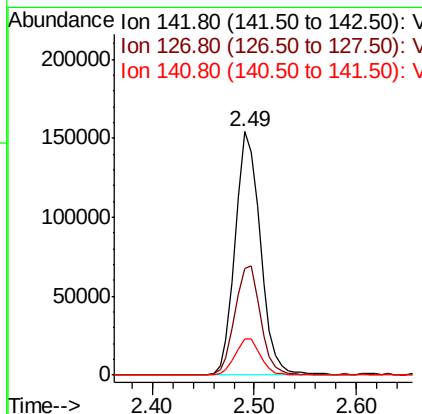
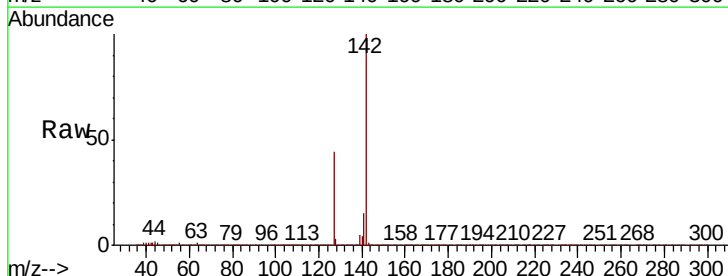
RT: 2.49 min Scan# 263

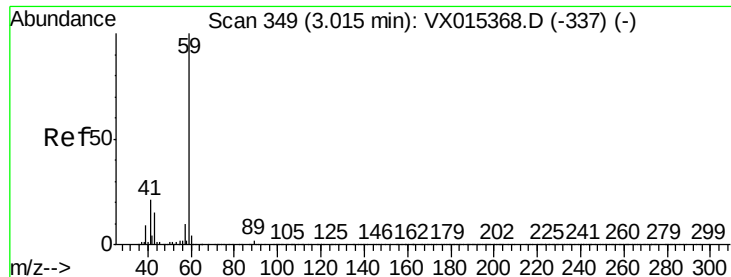
Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion:	142	Resp:	261905
Ion Ratio	Lower	Upper	
142	100		
127	46.0	35.9	53.9
141	15.0	11.6	17.4





#11

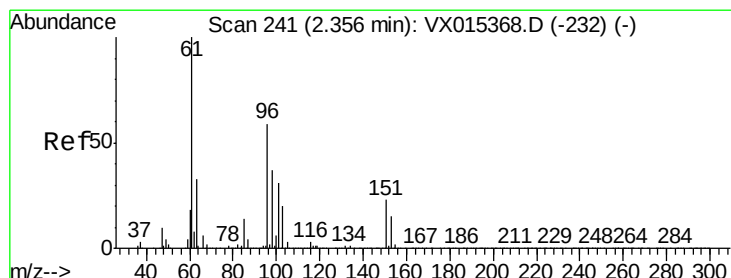
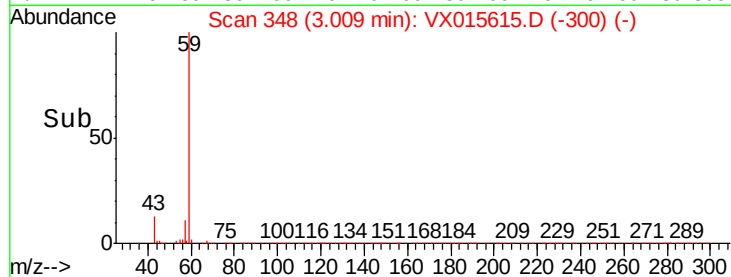
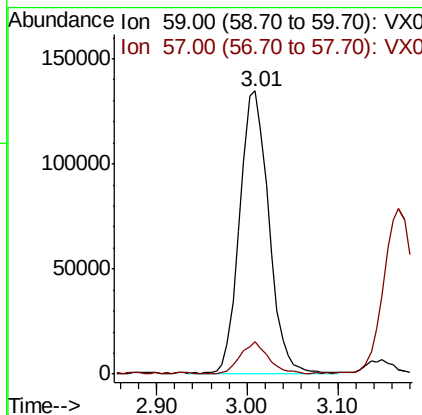
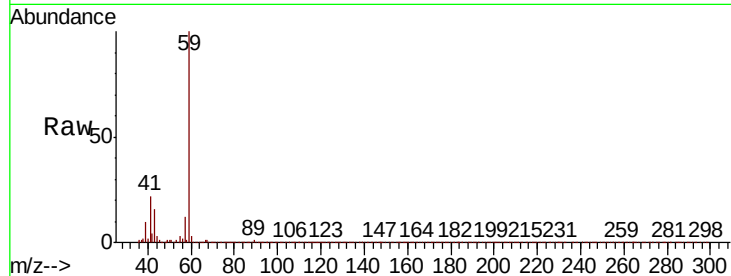
Tert butyl alcohol
Concen: 74.402 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

Manual Integrations
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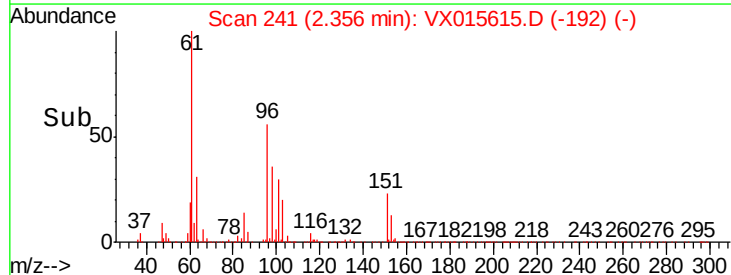
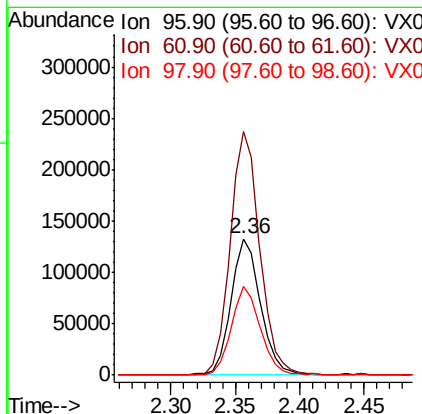
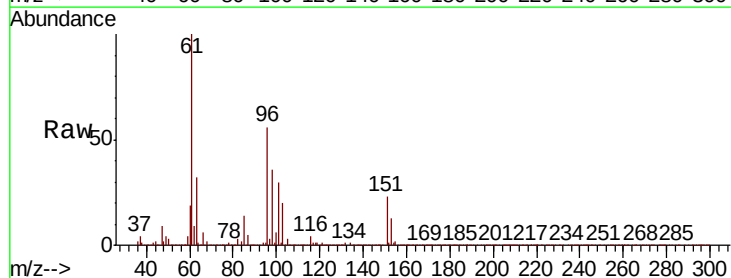
apatel
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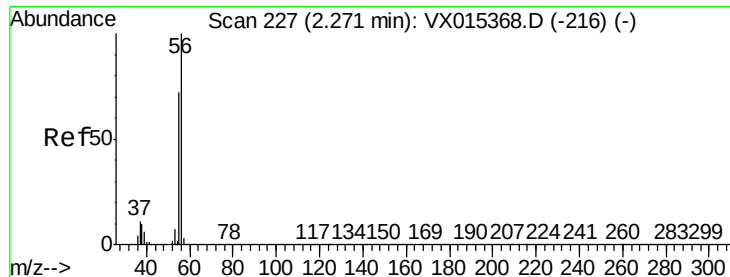


#12

1,1-Dichloroethene
Concen: 18.869 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.1	135.7	203.5
98	64.5	50.6	75.8





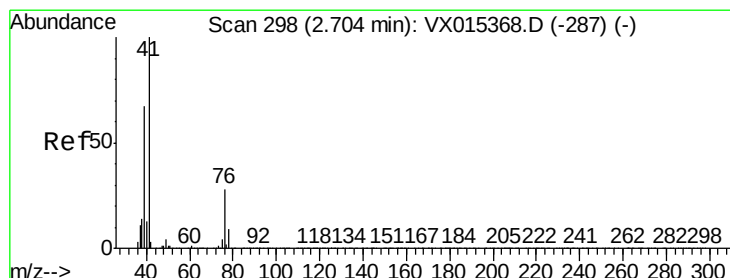
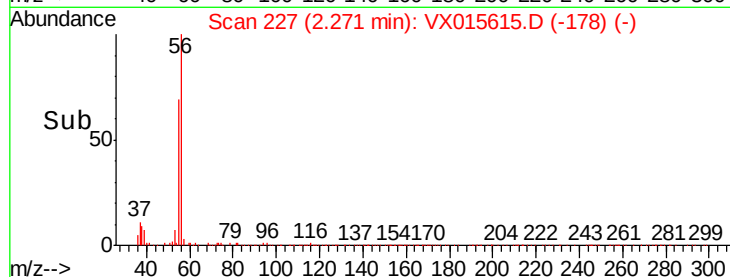
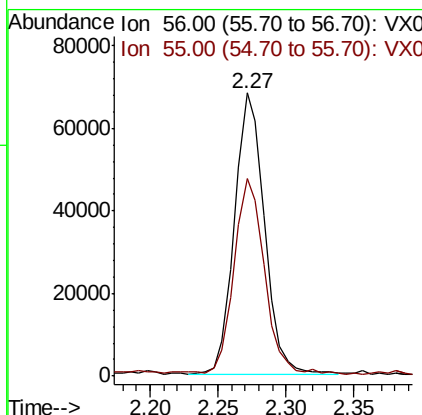
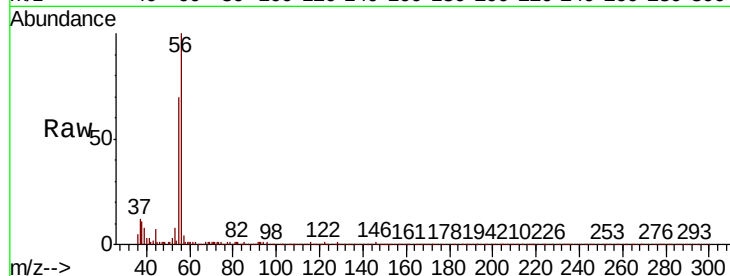
#13
Acrolein
Concen: 45.449 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	56	Resp	104337
Ion Ratio	100	Lower	Upper
55	70.6	57.0	85.4

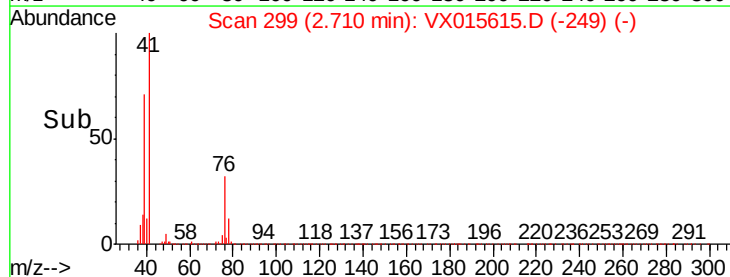
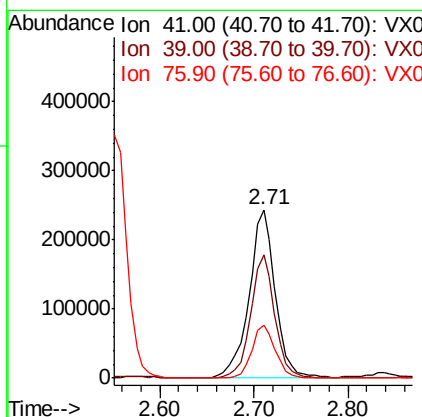
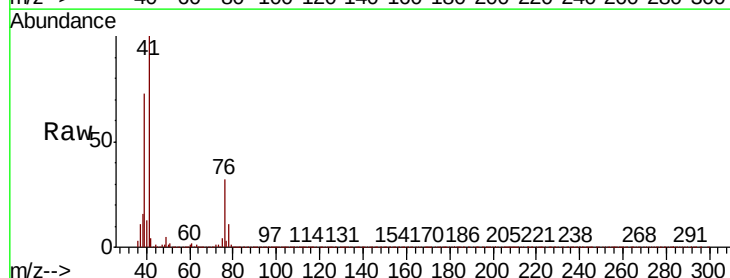
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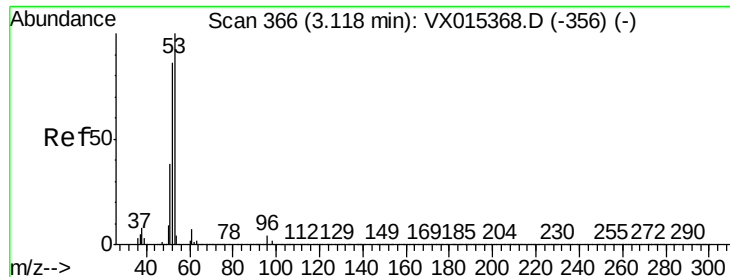
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#14
Allyl chloride
Concen: 17.872 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	41	Resp	470662
Ion Ratio	100	Lower	Upper
39	67.5	51.4	77.0
76	28.6	21.8	32.8





#15

Acrylonitrile

Concen: 91.500 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

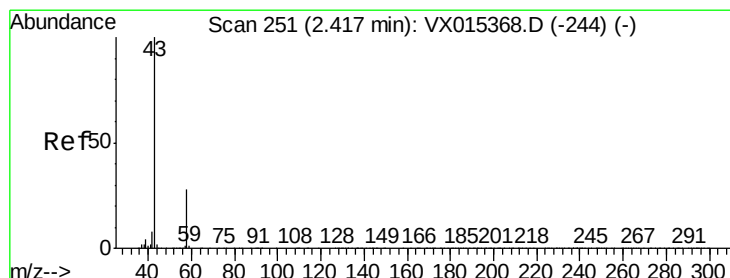
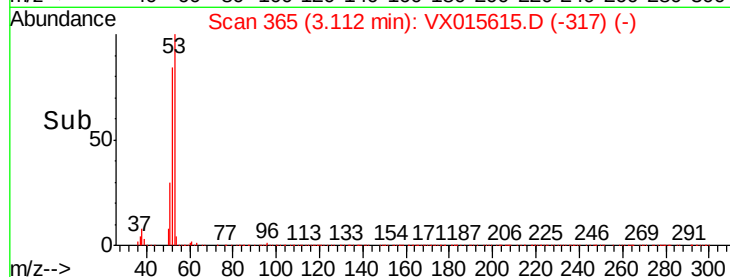
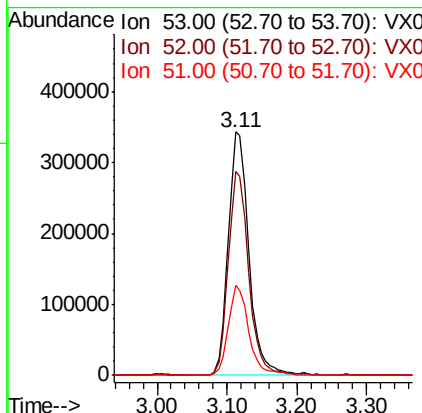
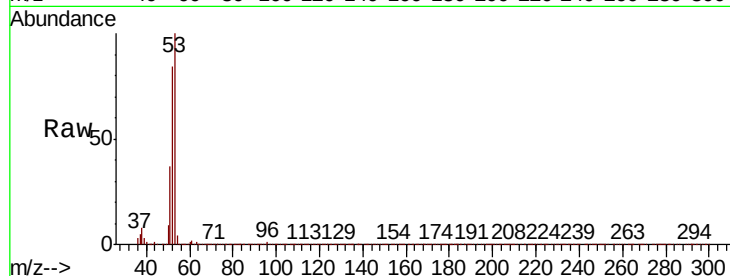
ClientSampleId :

VX0410WBS01

Tot Ion:	53	Resp:	703225
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.8	100.2
51	37.2	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 110.741 ug/l

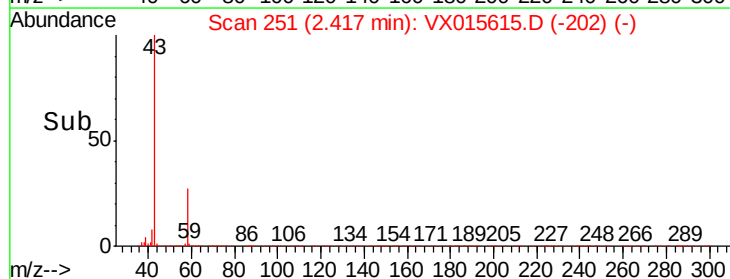
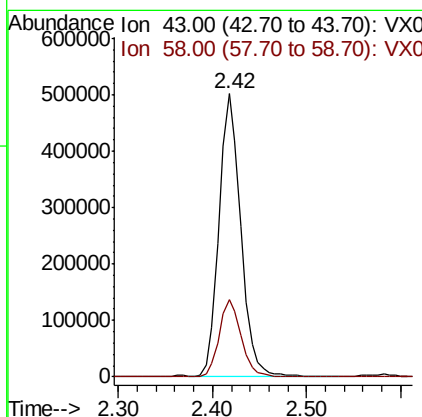
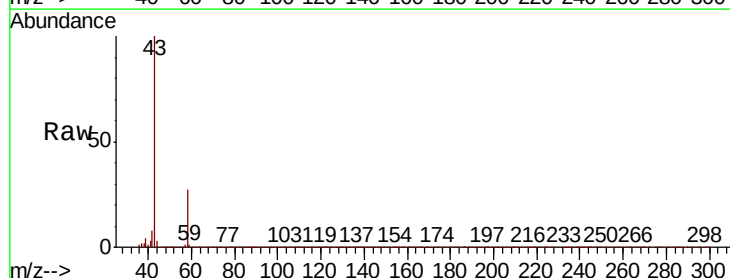
RT: 2.42 min Scan# 251

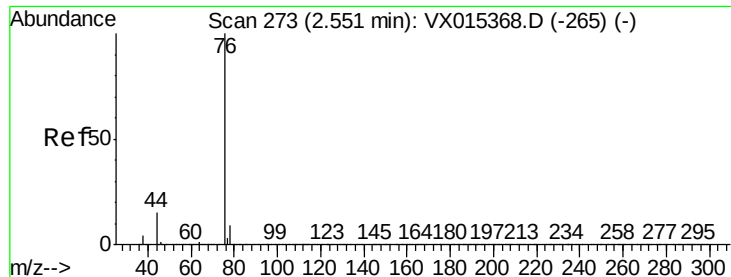
Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion:	43	Resp:	801045
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.1	33.1





#17

Carbon Disulfide

Concen: 16.702 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 76 Resp: 574256

Ion Ratio Lower Upper

76 100

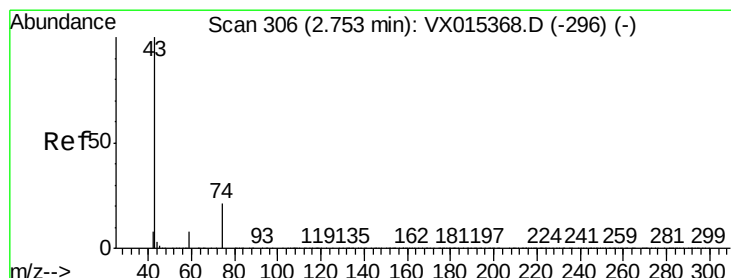
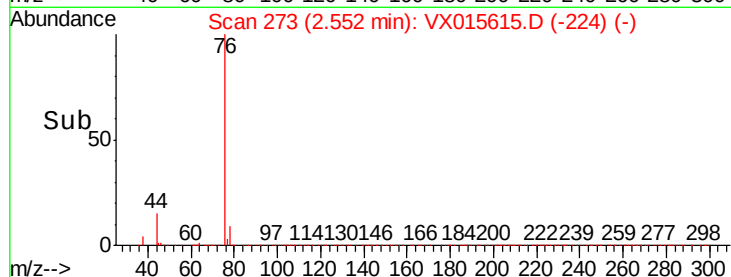
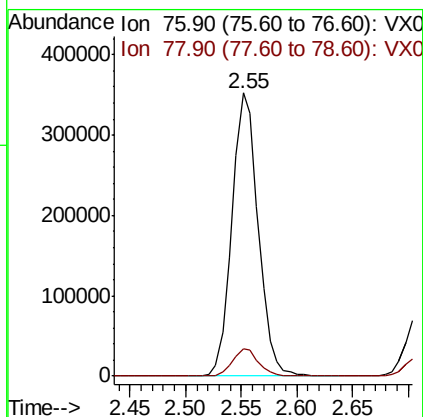
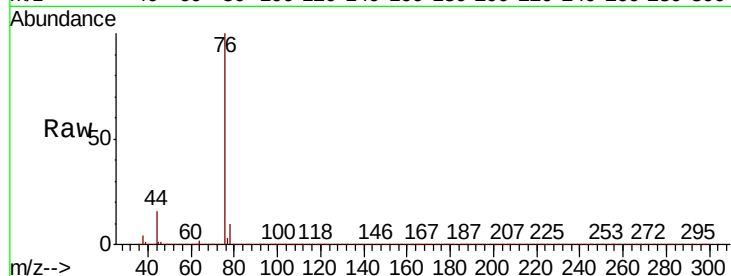
78 9.6 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 18.500 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015615.D

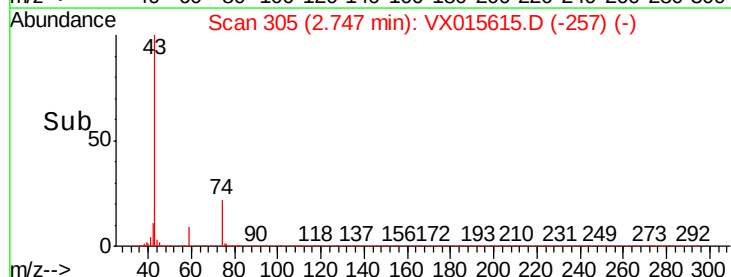
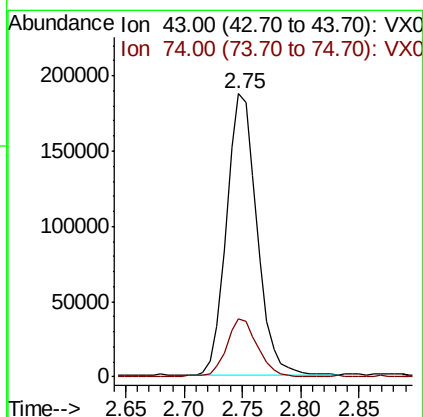
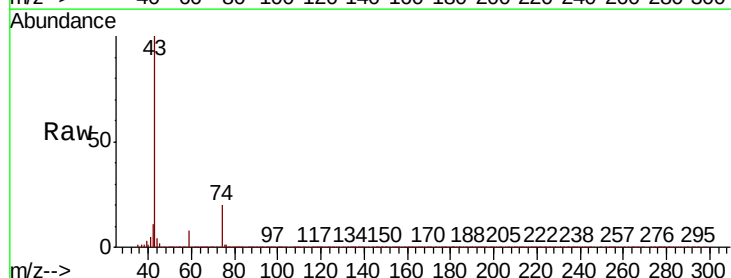
Acq: 10 Apr 2020 12:55

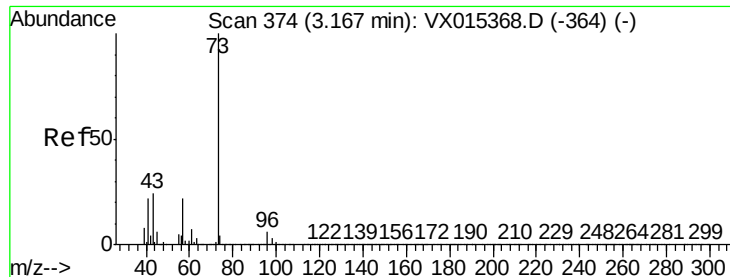
Tgt Ion: 43 Resp: 341549

Ion Ratio Lower Upper

43 100

74 20.7 16.5 24.7





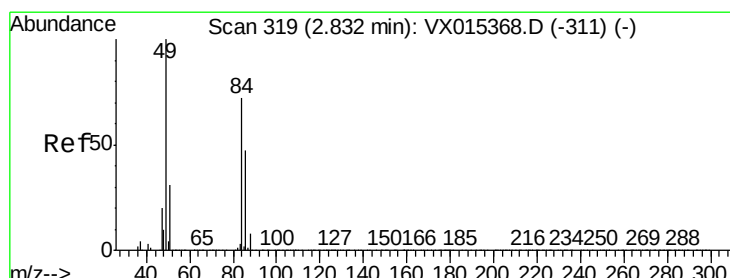
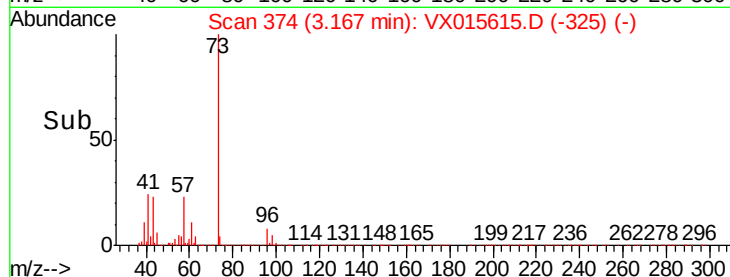
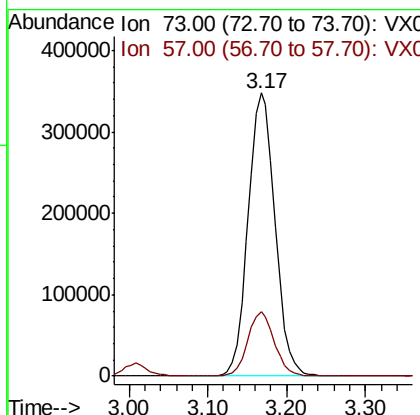
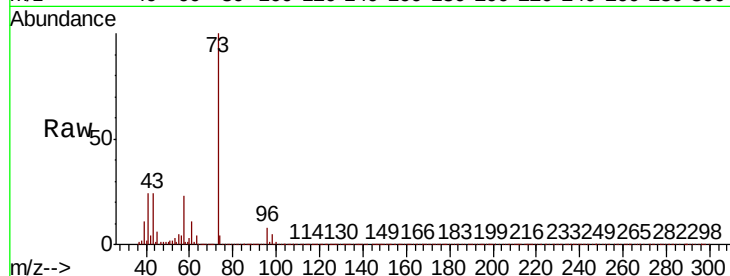
#19
Methyl tert-butyl Ether
Concen: 18.792 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.9	26.9

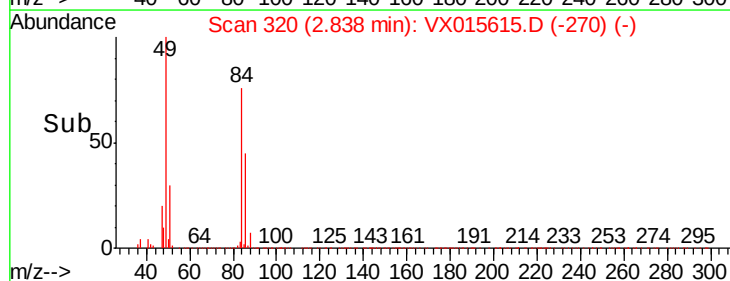
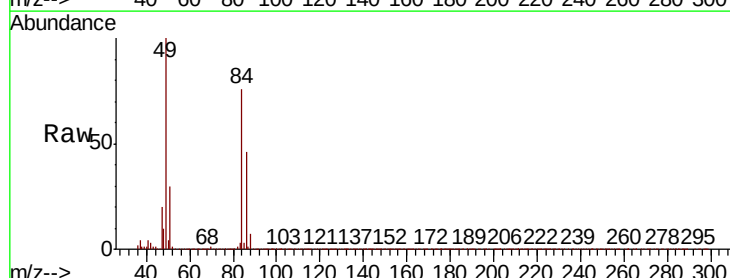
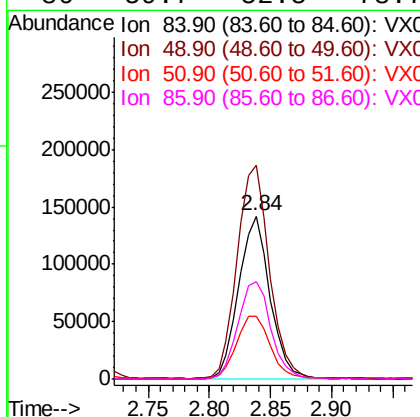
Manual Integrations
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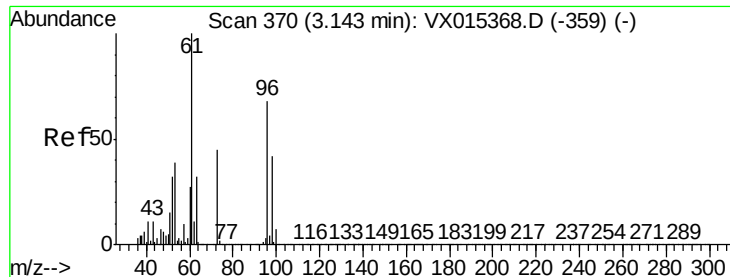
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#20
Methylene Chloride
Concen: 18.664 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.8	111.3	166.9
51	38.6	34.0	51.0
86	59.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.565 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

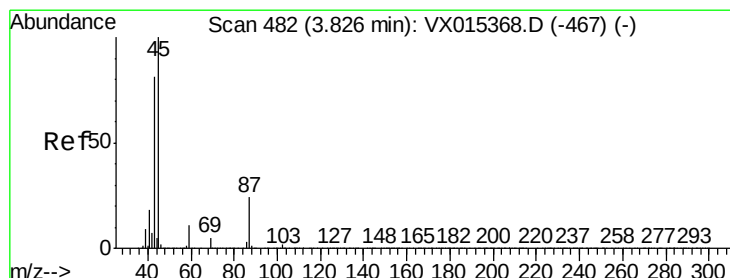
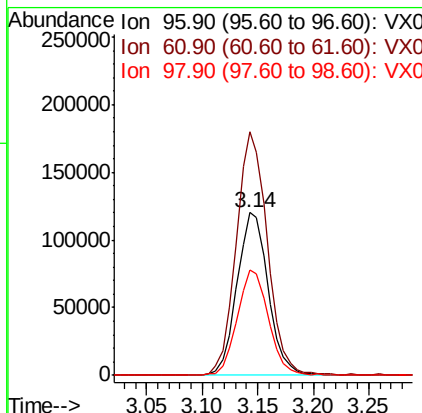
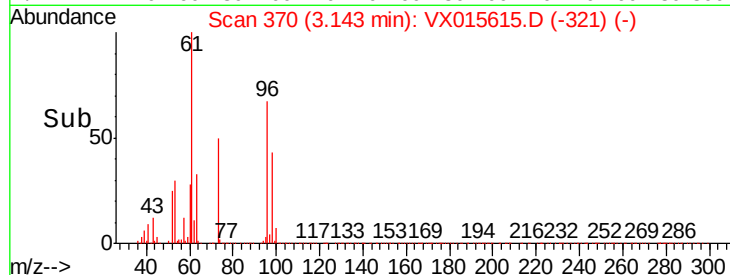
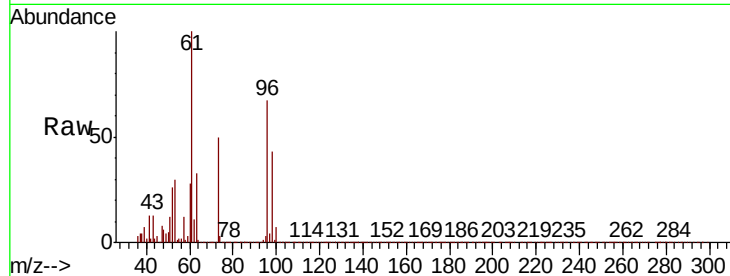
ClientSampleId :

VX0410WBS01

Tot Ion:	96	Resp:	232217
Ion Ratio	Lower	Upper	
96	100		
61	149.2	116.9	175.3
98	64.5	48.6	73.0

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#22

Diisopropyl ether

Concen: 19.144 ug/l

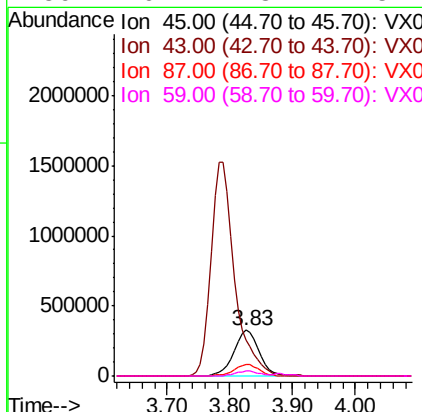
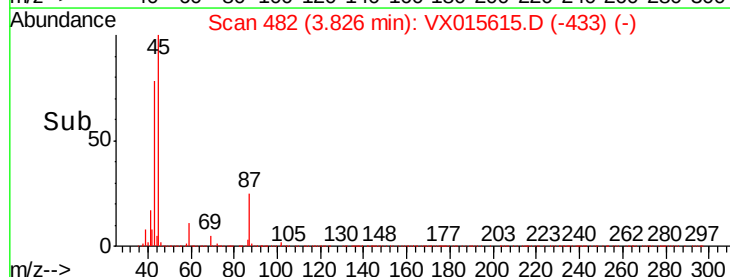
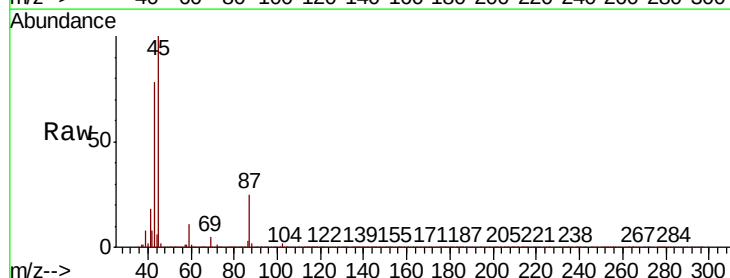
RT: 3.83 min Scan# 482

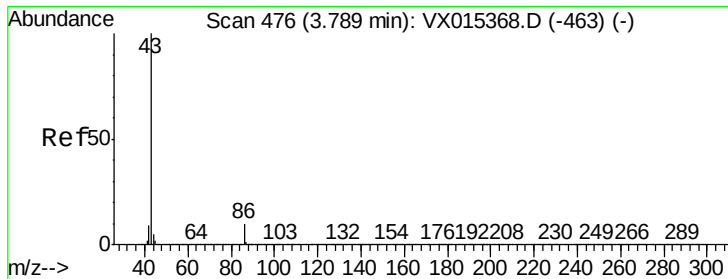
Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion:	45	Resp:	893363
Ion Ratio	Lower	Upper	
45	100		
43	77.1	64.7	97.1
87	25.3	19.4	29.0
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 94.150 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampled :

VX0410WBS01

Tot Ion: 43 Resp: 3977869

Ion Ratio Lower Upper

43 100

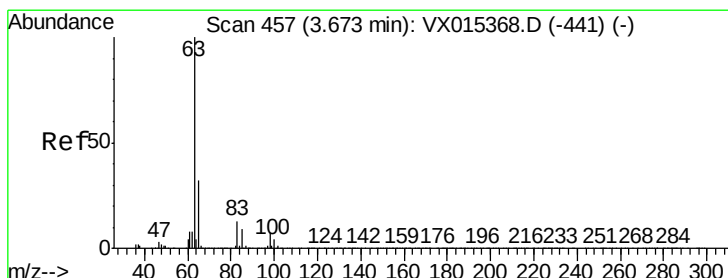
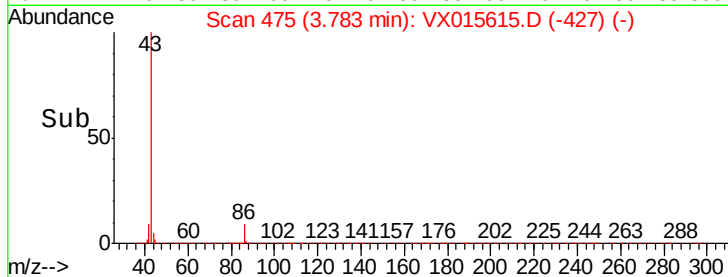
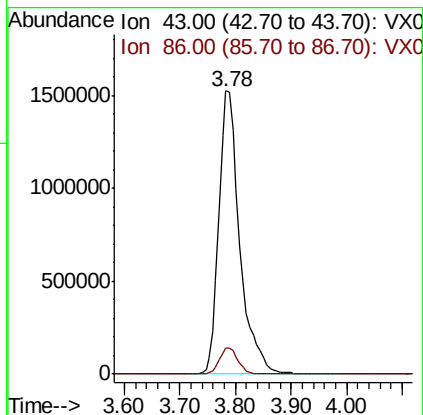
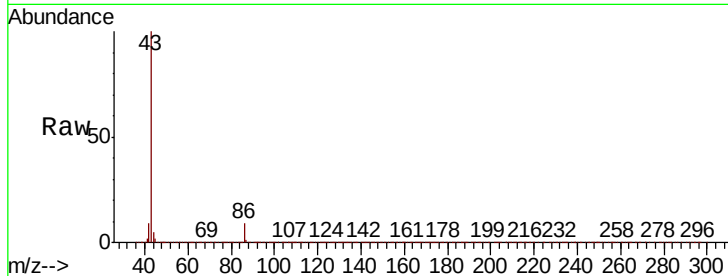
86 9.3 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 18.341 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

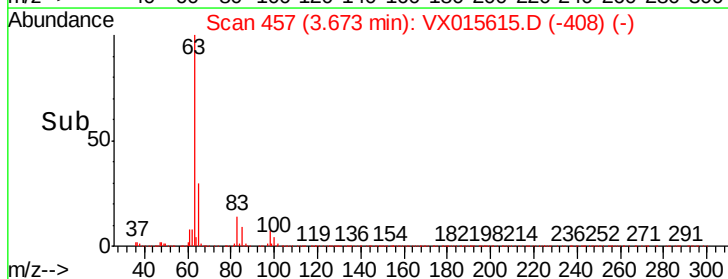
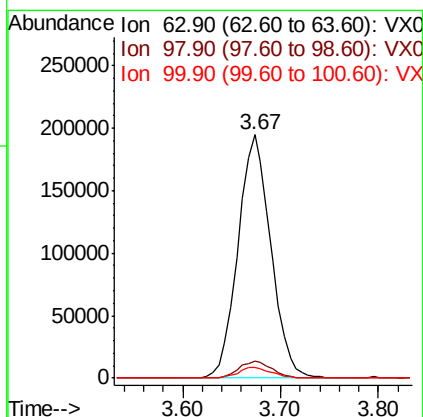
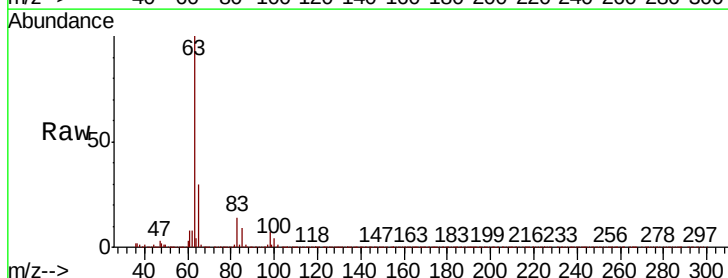
Tgt Ion: 63 Resp: 450621

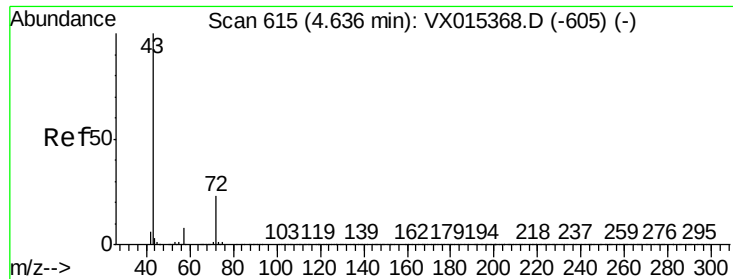
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.1 2.1 6.5





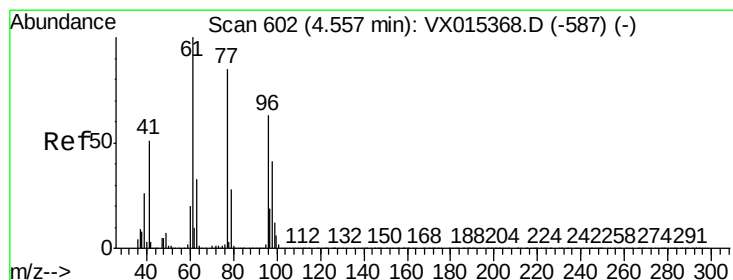
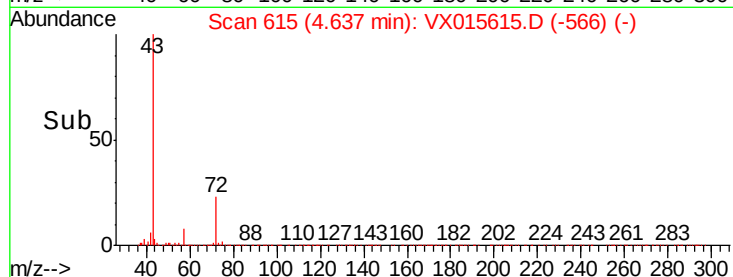
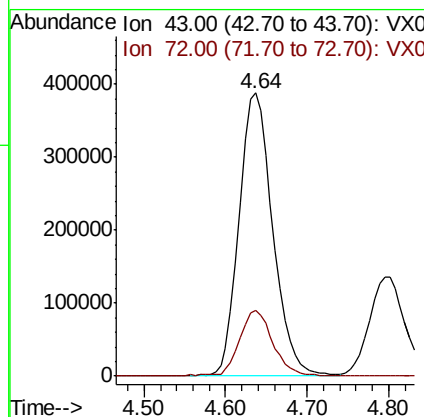
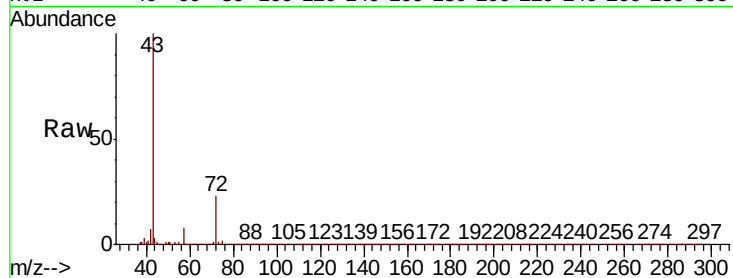
#25
2-Butanone
Concen: 94.665 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion: 43 Resp: 1101240
Ion Ratio Lower Upper
43 100
72 22.9 19.0 28.4

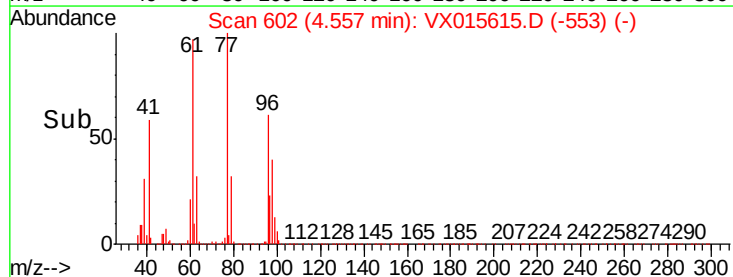
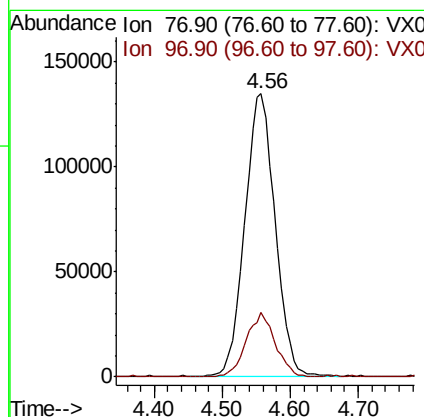
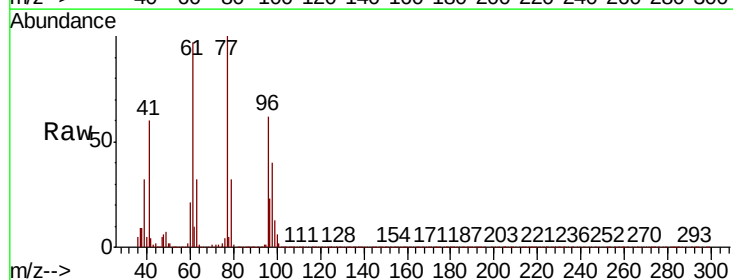
Manual Integrations
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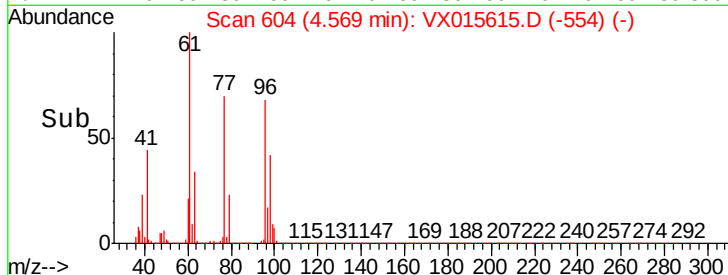
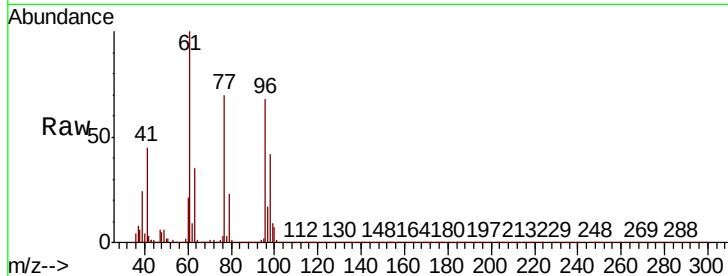
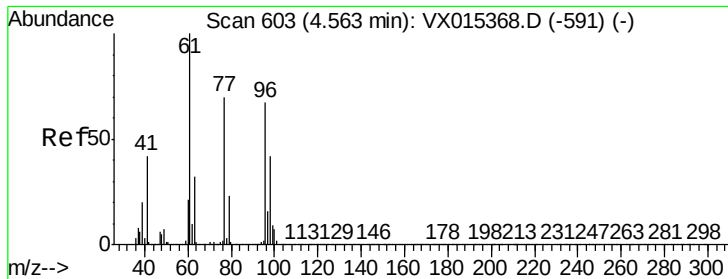
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#26
2,2-Dichloropropane
Concen: 20.659 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion: 77 Resp: 416632
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8





#27

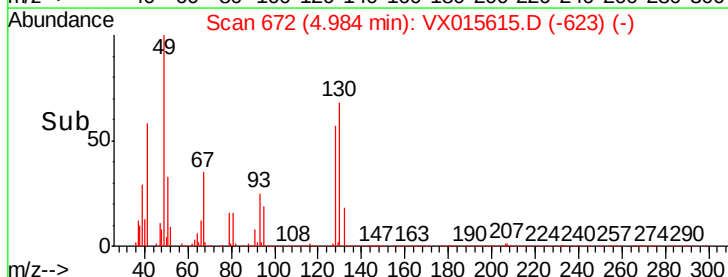
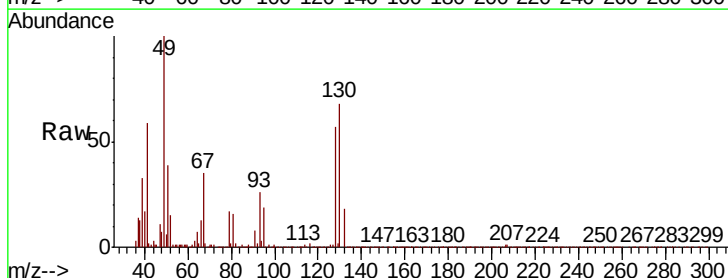
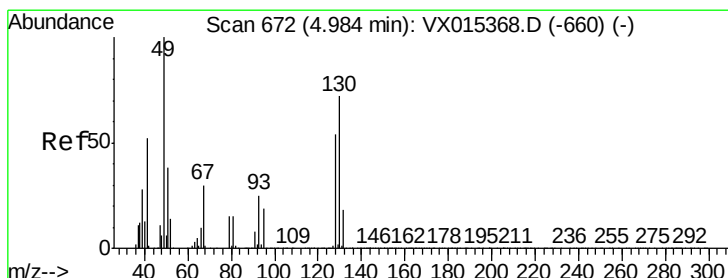
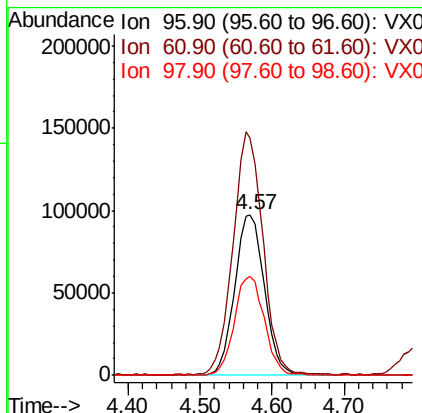
cis-1,2-Dichloroethene
Concen: 19.214 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tot Ion	Ratio	Resp	Lower	Upper
96	100	278046		
61	152.2	0.0	308.4	
98	61.7	0.0	129.2	

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Manual Integrations
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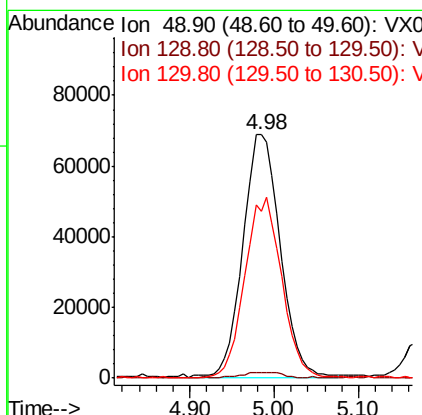
apatel
4/13/2020 1:24:03 PM

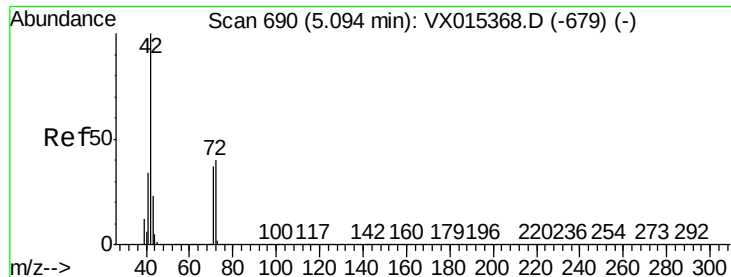


#28

Bromochloromethane
Concen: 17.594 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	206390		
129	2.7	0.0	4.4	
130	74.1	57.7	86.5	





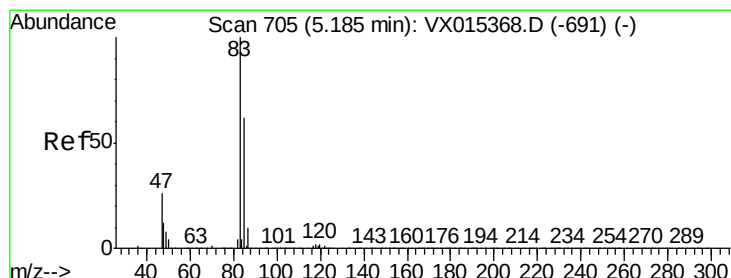
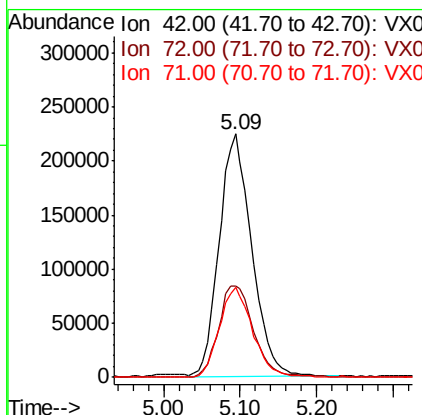
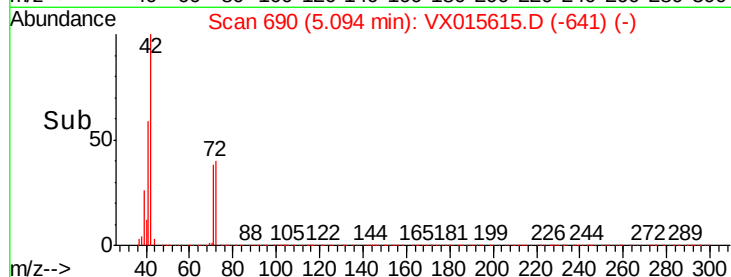
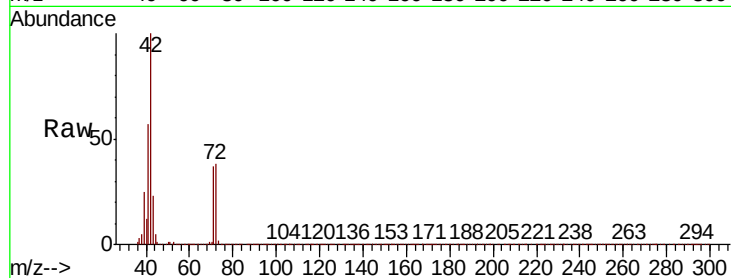
#29
Tetrahydrofuran
Concen: 88.329 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	31.7	47.5
71	37.3	29.6	44.4

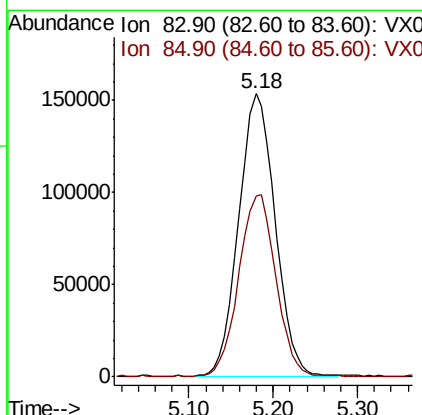
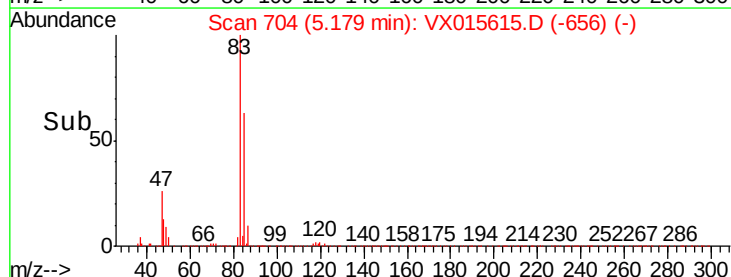
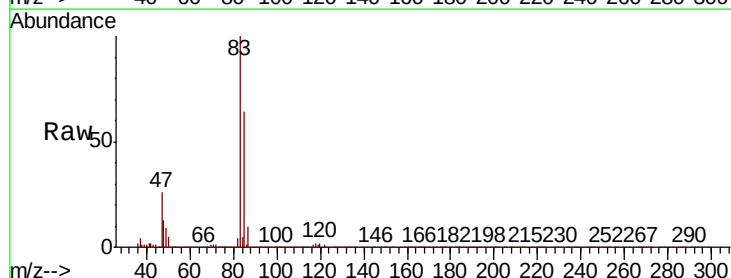
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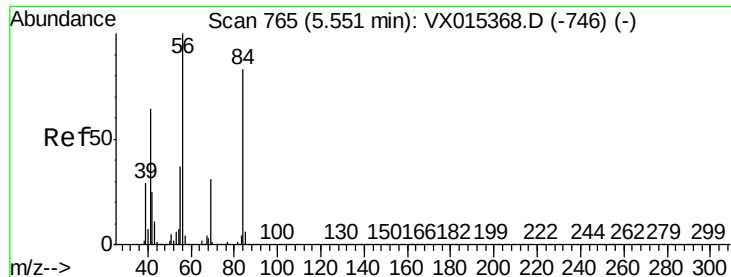
apatel
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#30
Chloroform
Concen: 19.037 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.5	74.3





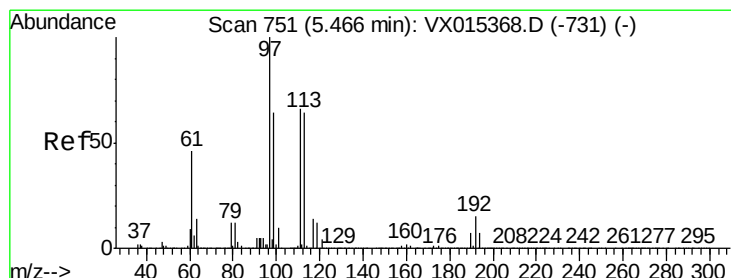
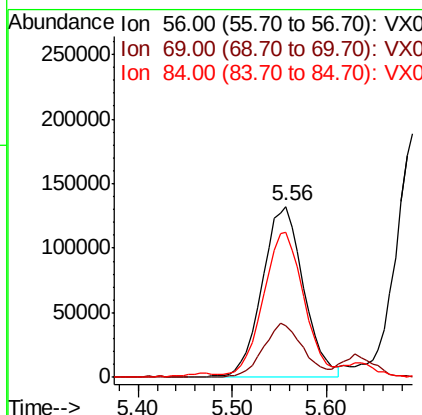
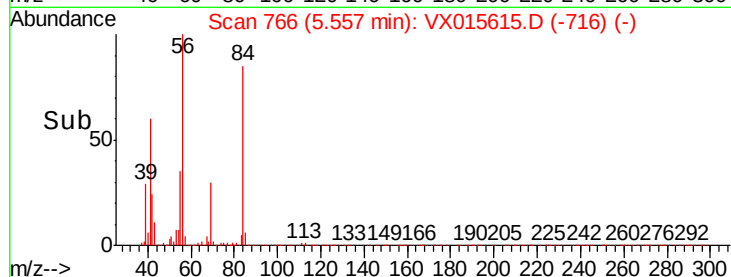
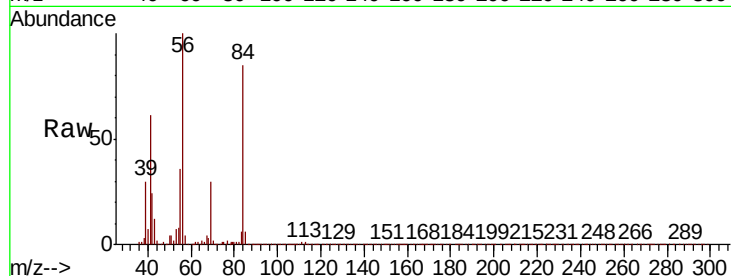
#31
Cyclohexane
Concen: 18.961 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	84.1	66.1	99.1

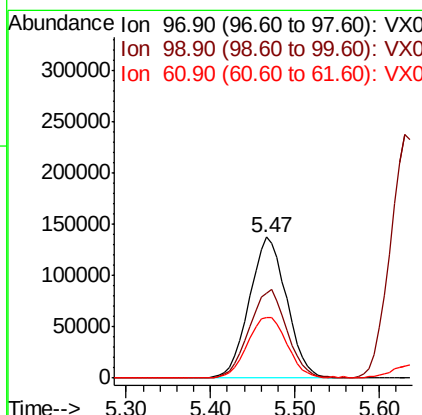
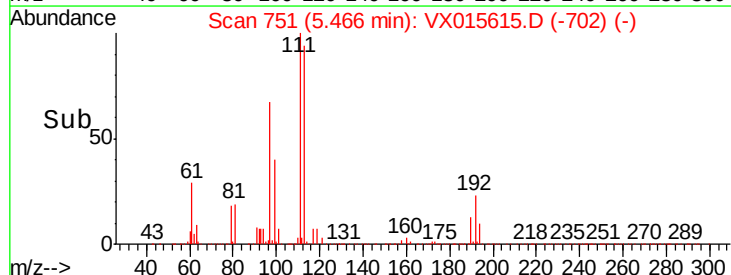
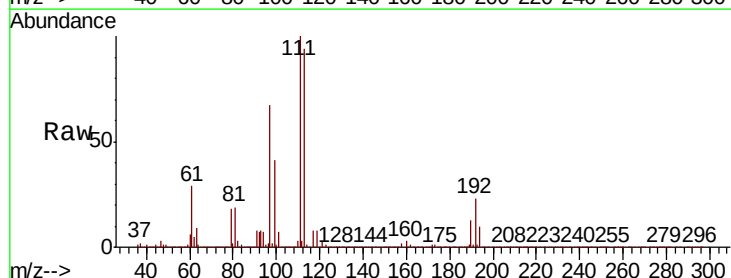
Manual Integrations
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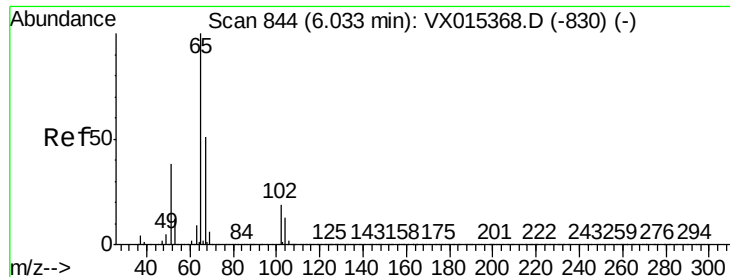
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#32
1,1,1-Trichloroethane
Concen: 19.400 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	45.0	36.1	54.1





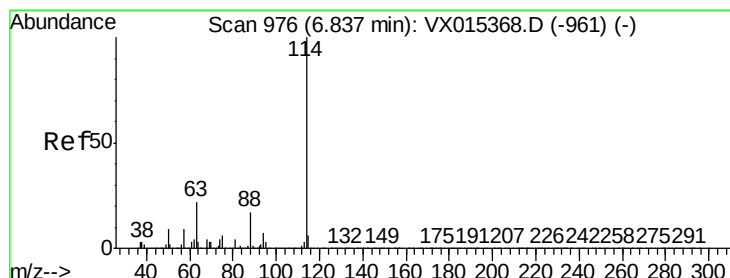
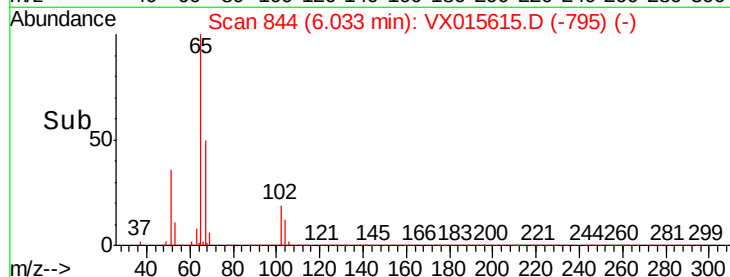
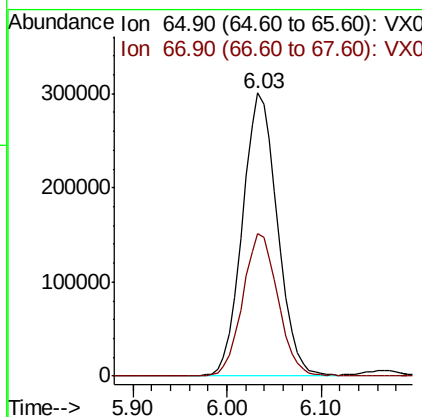
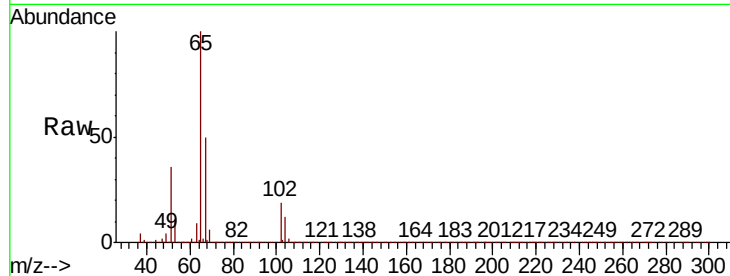
#33
 1,2-Dichloroethane-d4
 Concen: 46.375 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

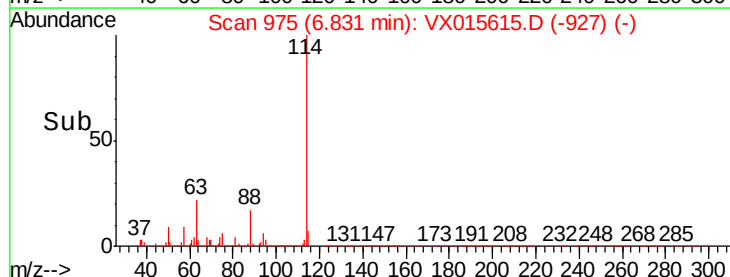
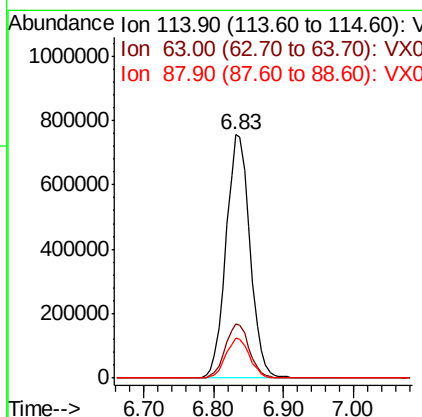
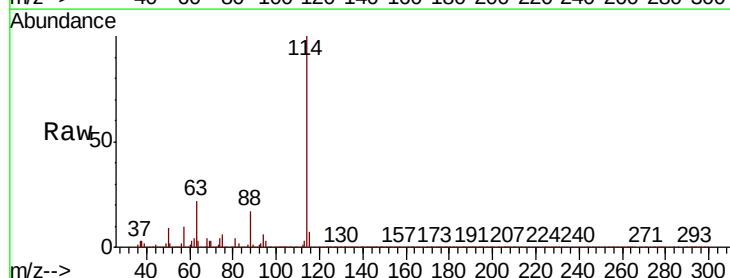
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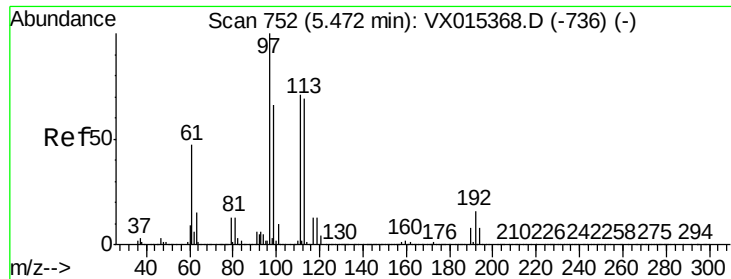
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.2
88	16.7	0.0	33.8





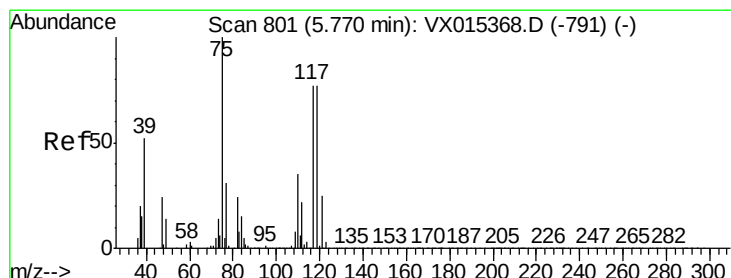
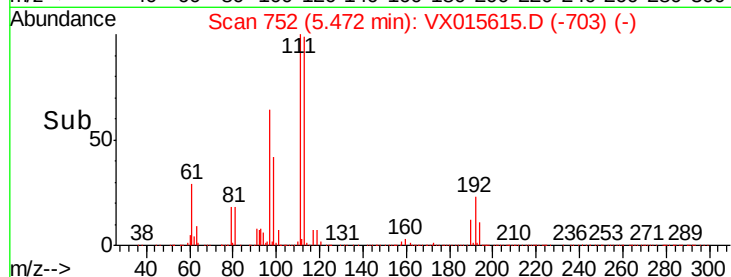
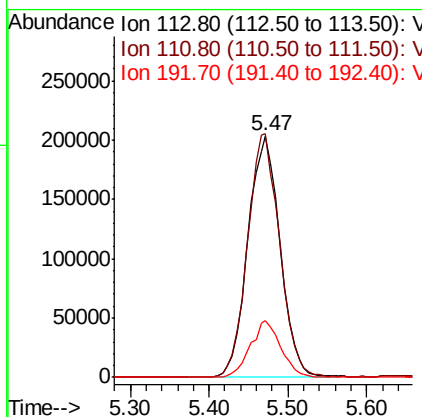
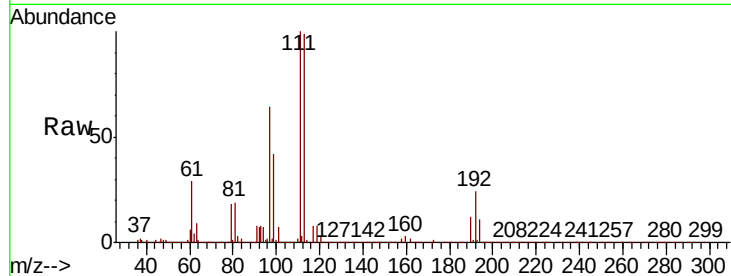
#35
 Dibromofluoromethane
 Concen: 50.356 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	578027		
111	99.9	81.5	122.3	
192	22.2	17.8	26.6	

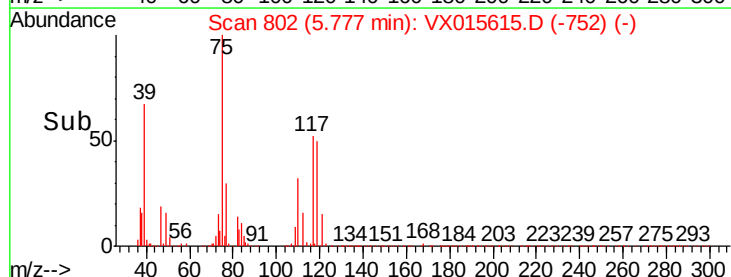
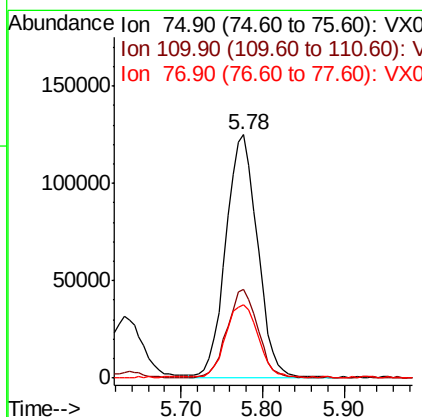
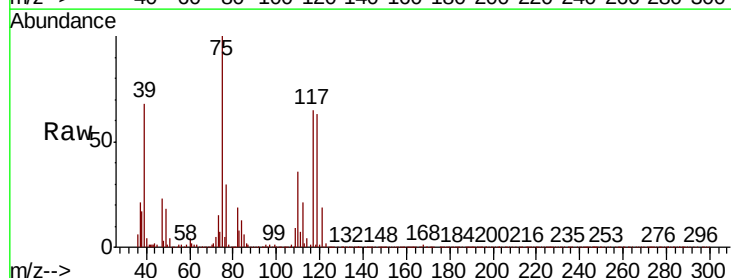
Manual Integrations
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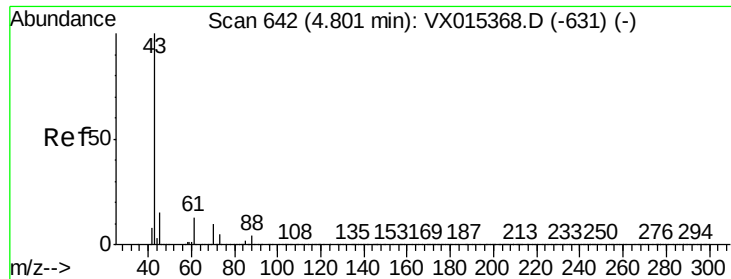
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.147 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	333347		
110	35.9	17.1	51.3	
77	31.0	24.6	36.8	





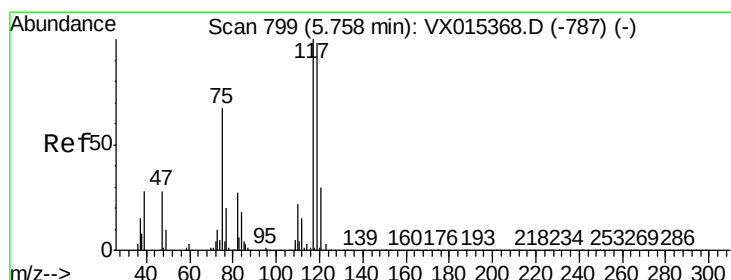
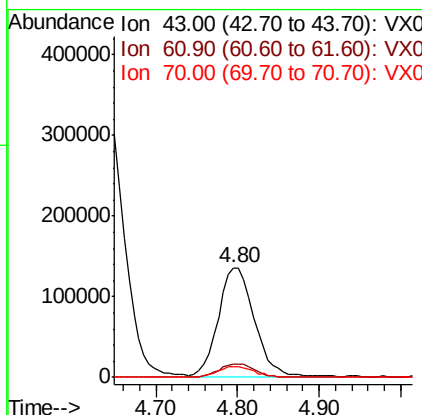
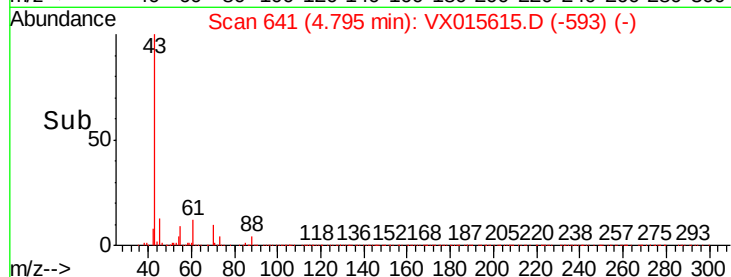
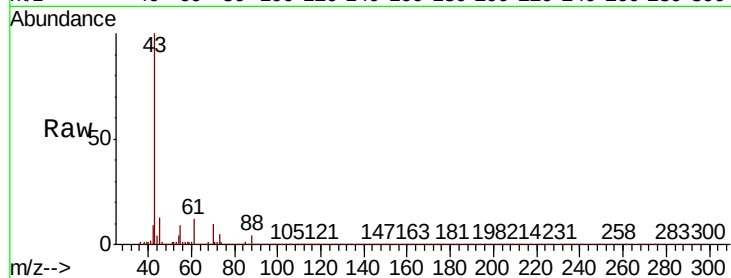
#37
Ethyl Acetate
Concen: 18.999 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.9	14.9
70	10.5	8.1	12.1

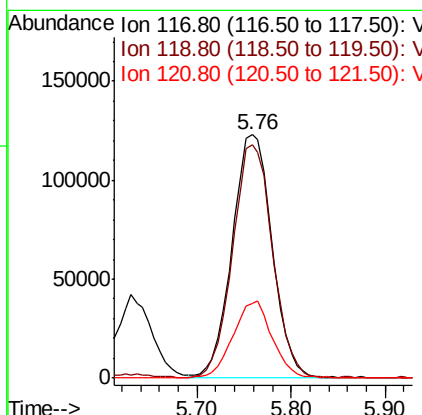
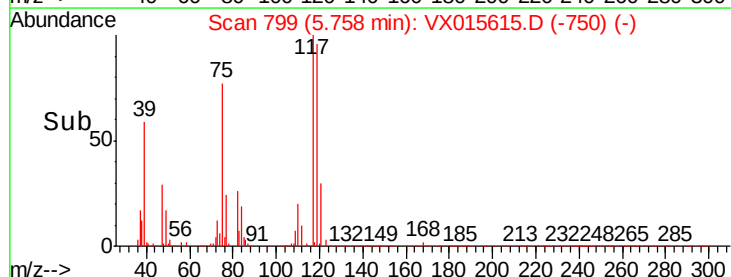
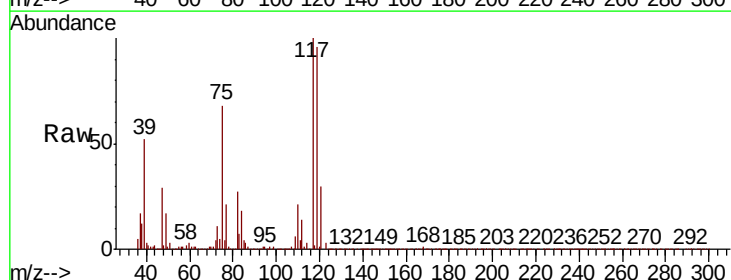
Manual Integrations
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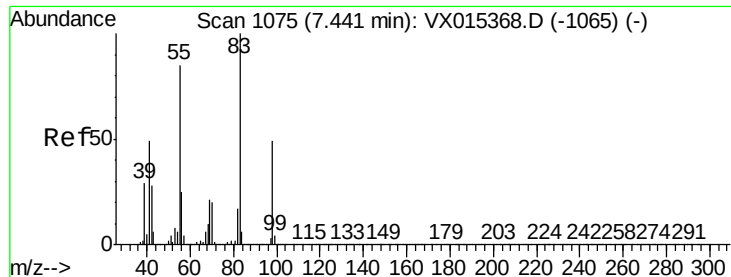
apatel
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#38
Carbon Tetrachloride
Concen: 20.265 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.0	117.0
121	30.3	23.8	35.8





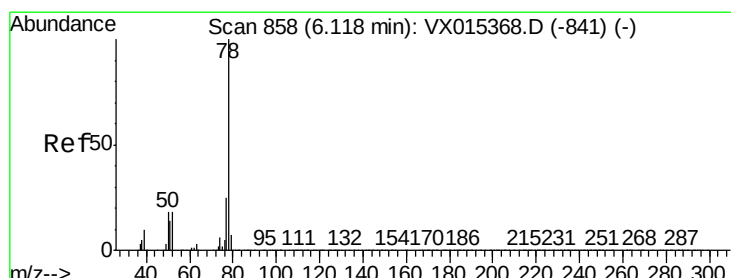
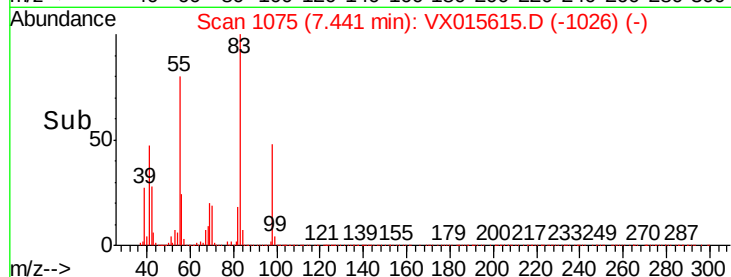
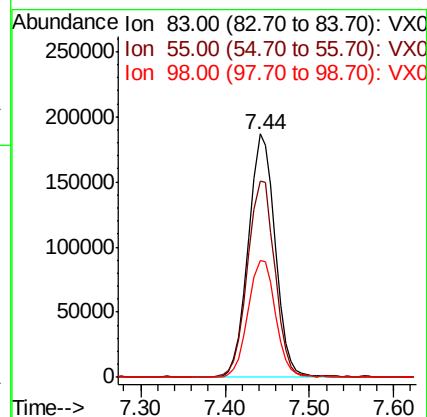
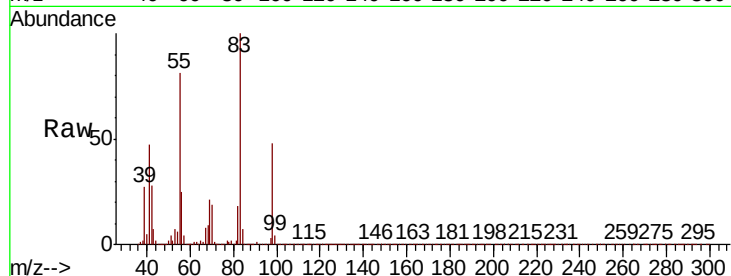
#39
Methylvlcyclohexane
Concen: 20.958 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.4	67.8	101.6	
98	47.8	39.3	58.9	

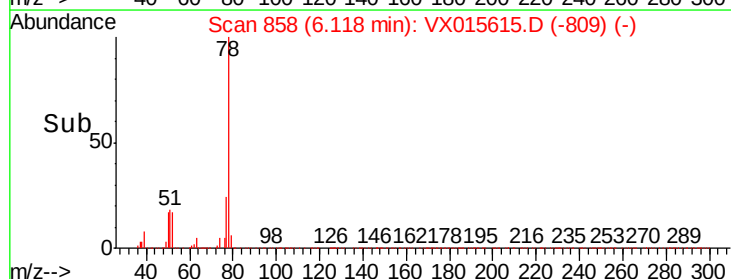
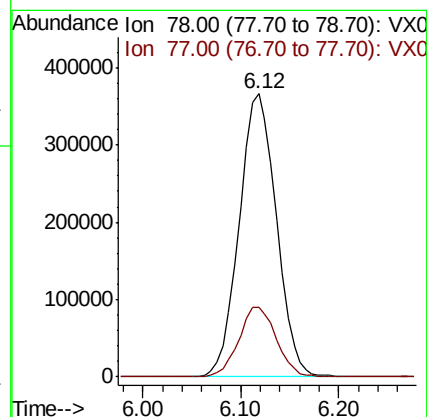
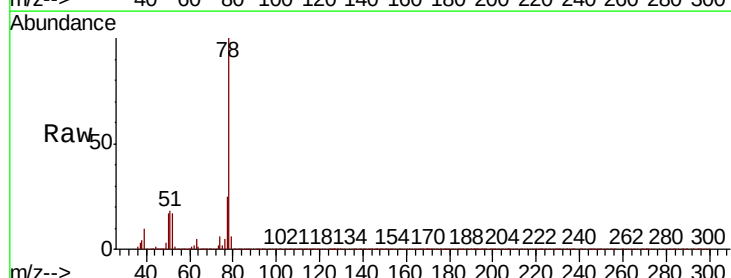
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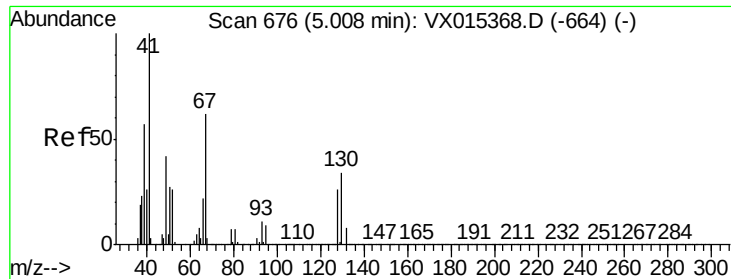
apatel
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#40
Benzene
Concen: 19.943 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4	19.8	29.8	





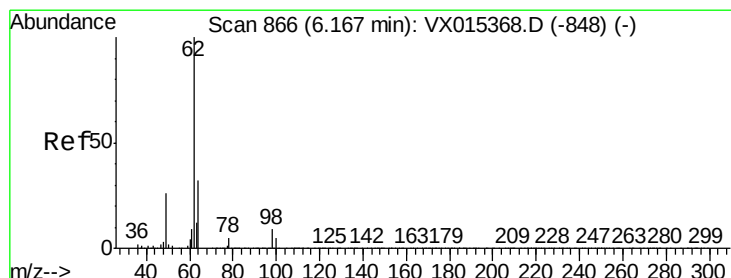
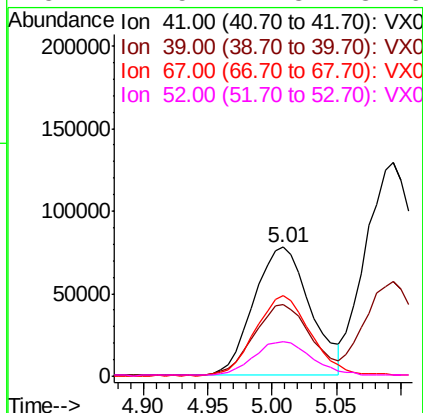
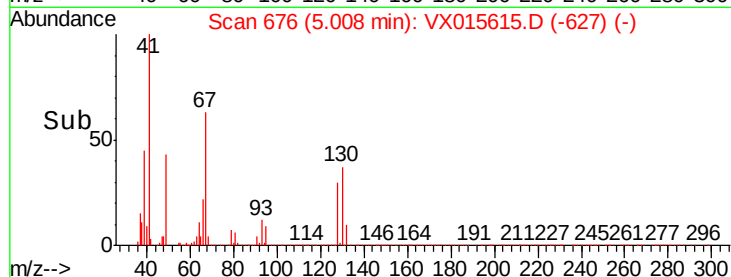
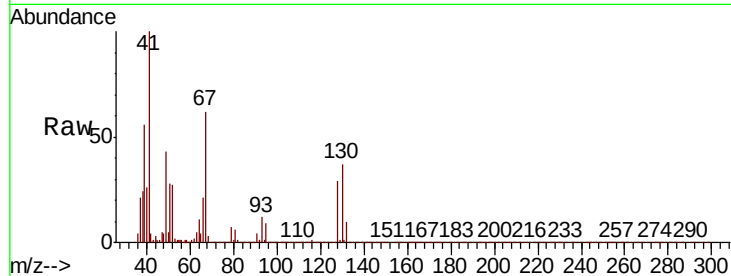
#41
Methacrylonitrile
Concen: 19.875 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	44.5	66.7		
67	62.9	48.9	73.3		
52	27.5	21.8	32.6		

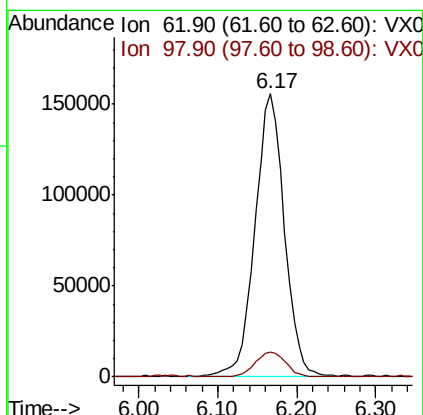
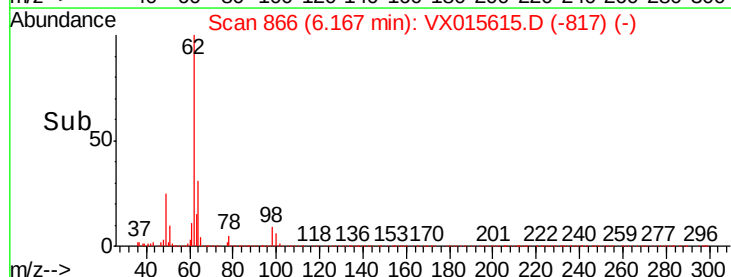
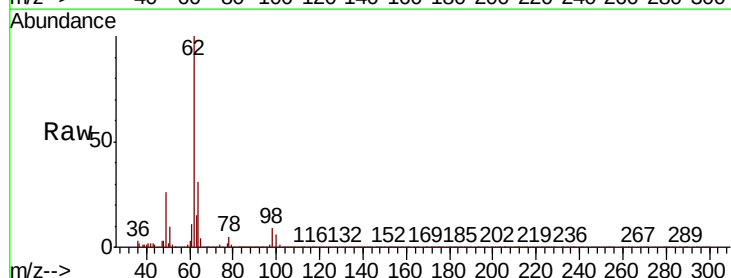
Manual Integrations
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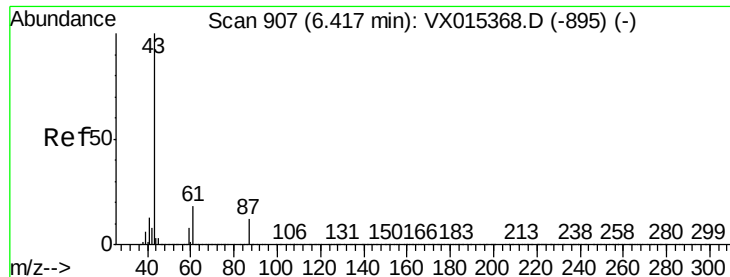
apatel
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#42
1,2-Dichloroethane
Concen: 20.692 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.3	0.0	17.6		





#43

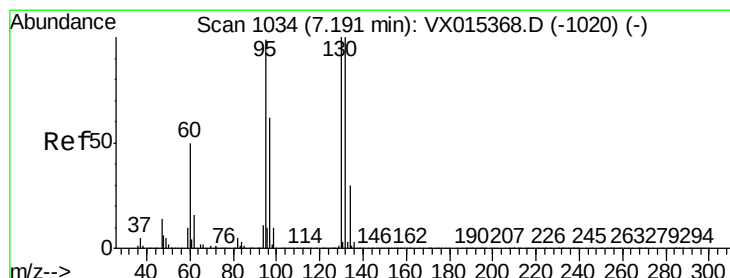
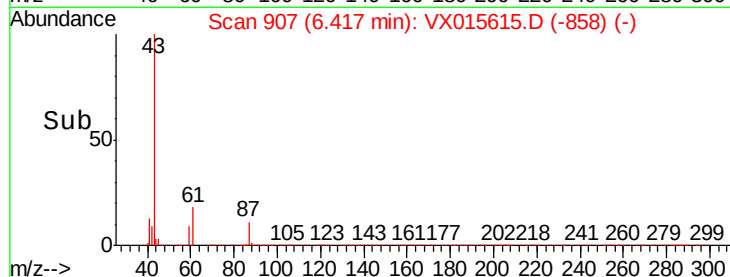
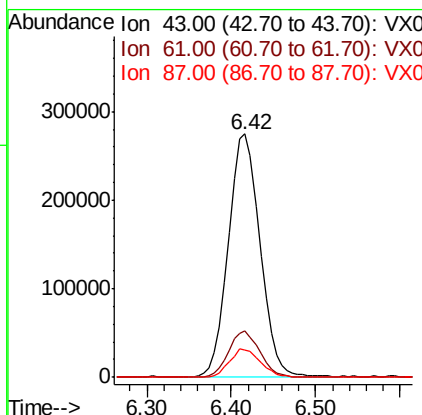
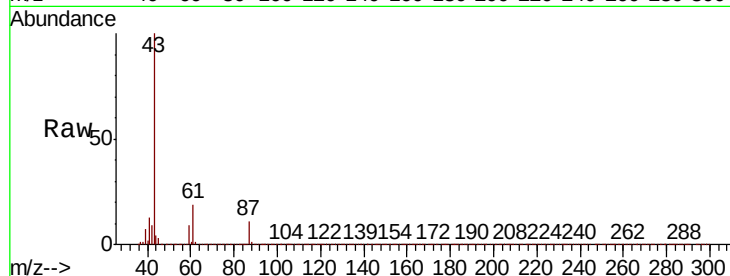
Isopropyl Acetate
 Concen: 19.260 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion:	43	Resp:	700443
Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.8	22.2
87	11.6	9.4	14.0

Manual Integrations
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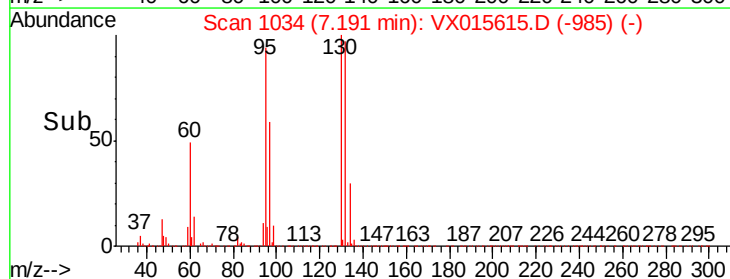
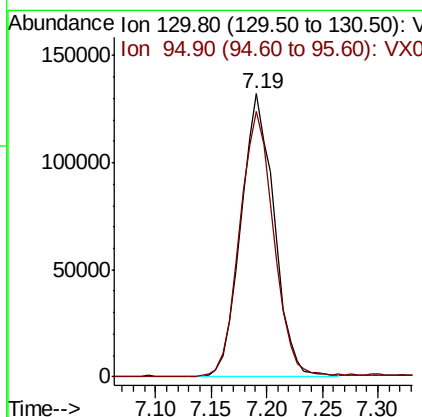
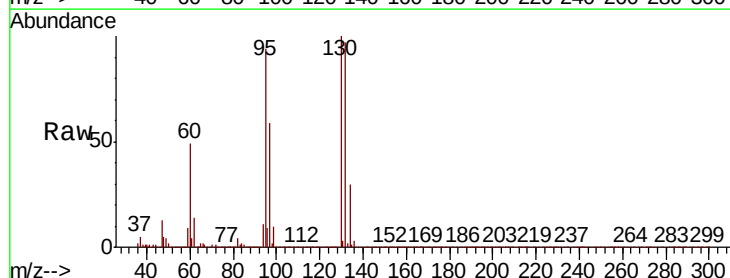
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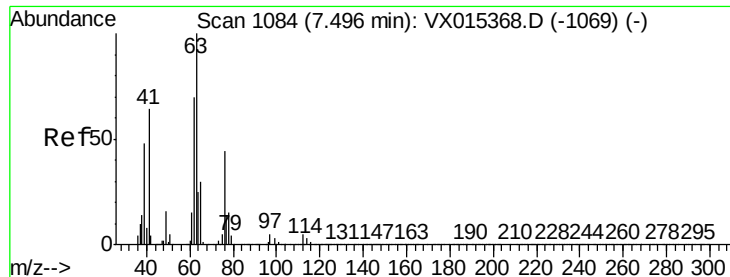


#44

Trichloroethene
 Concen: 20.709 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion:	130	Resp:	273734
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	199.0





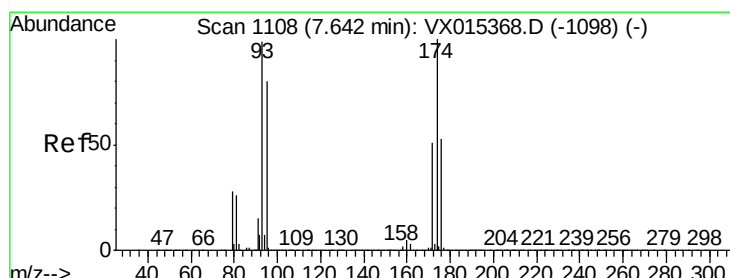
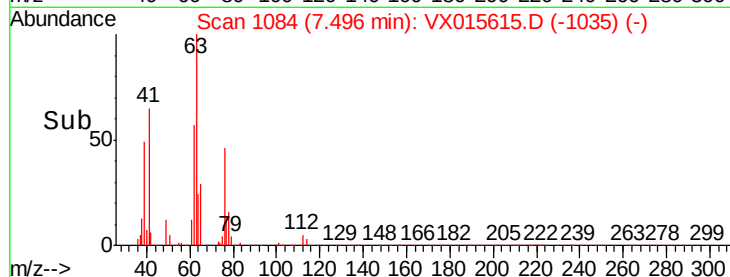
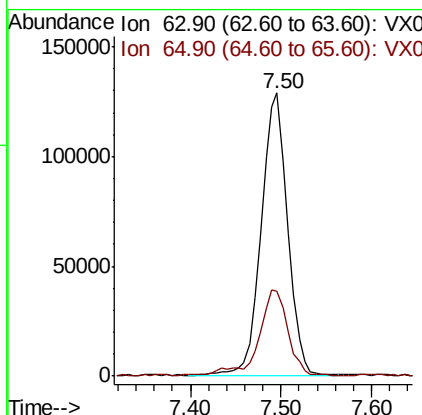
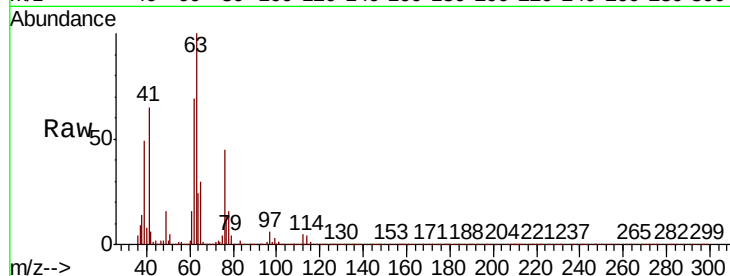
#45
 1,2-Dichloropropane
 Concen: 19.422 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.9	35.9

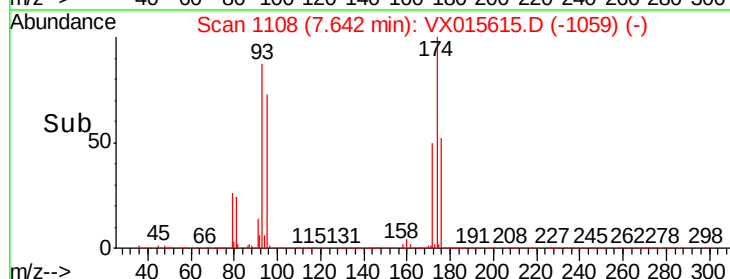
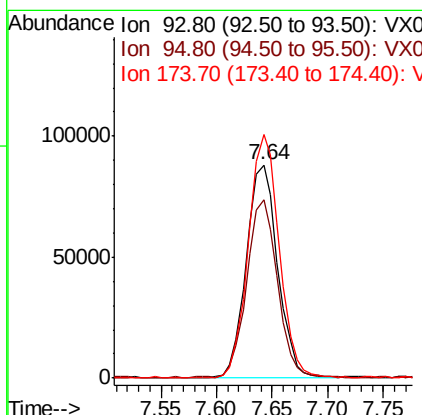
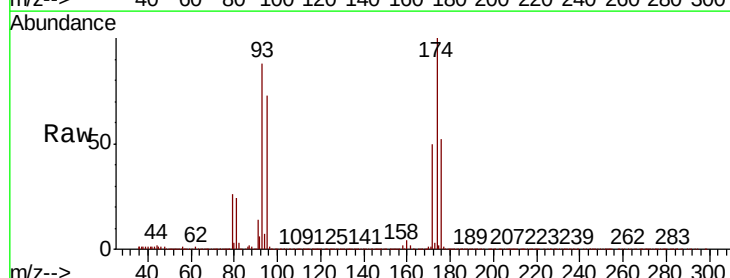
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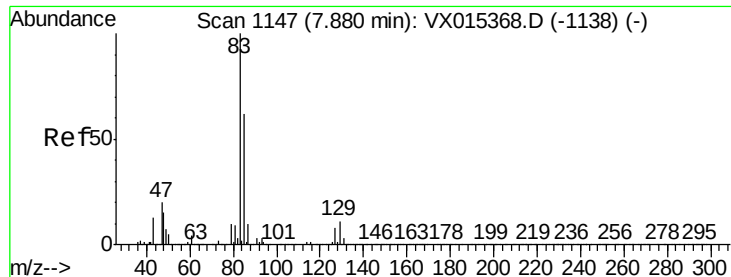
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#46
 Dibromomethane
 Concen: 19.834 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.8
174	112.8	86.2	129.2





#47

Bromodichloromethane

Concen: 19.646 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

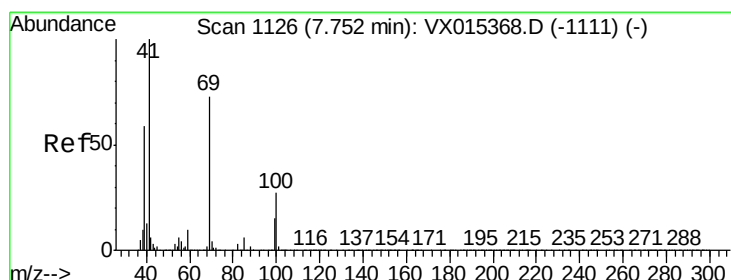
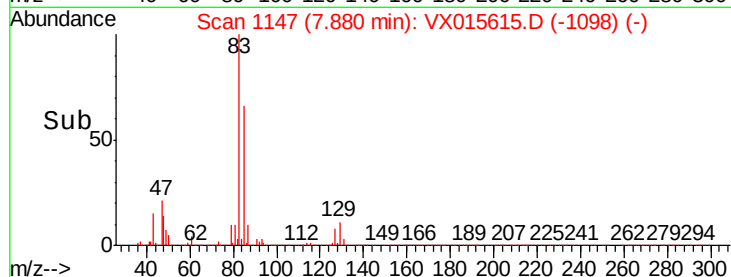
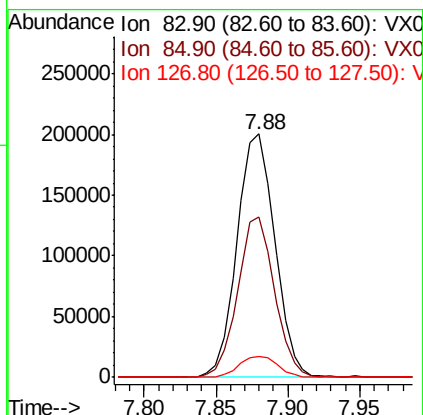
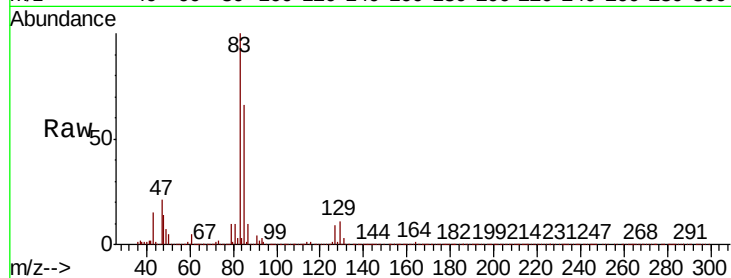
ClientSampleId :

VX0410WBS01

Tot Ion:	83	Resp:	364081
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.7	74.5
127	8.6	6.7	10.1

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#48

Methyl methacrylate

Concen: 19.112 ug/l

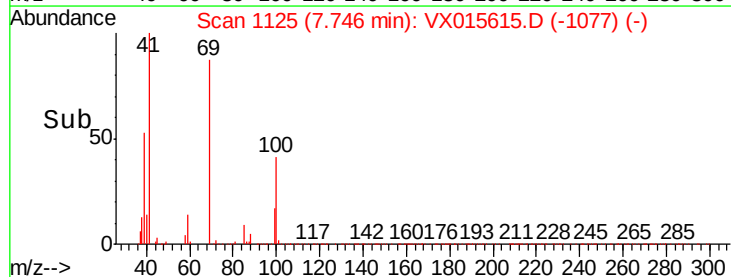
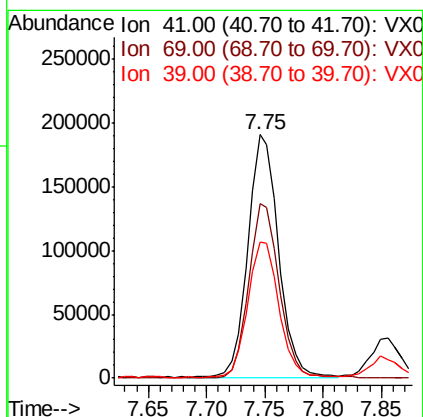
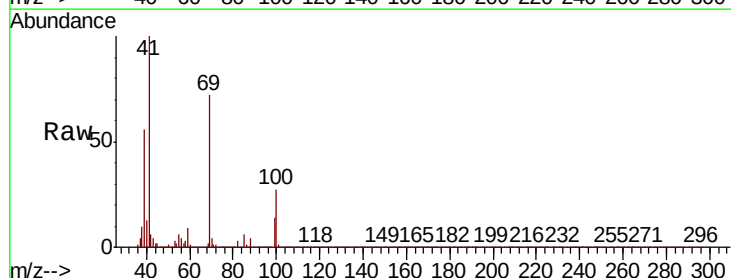
RT: 7.75 min Scan# 1125

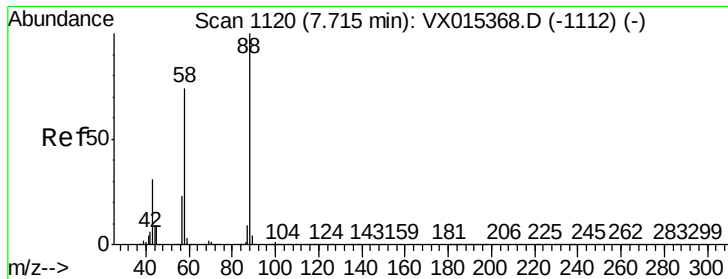
Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion:	41	Resp:	347187
Ion Ratio	Lower	Upper	
41	100		
69	71.8	56.7	85.1
39	57.1	46.5	69.7





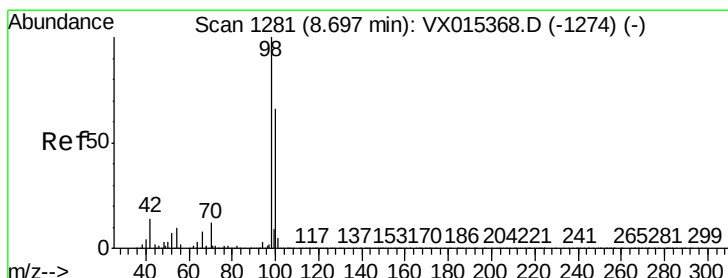
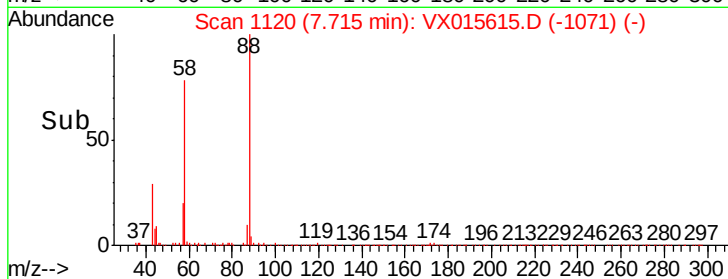
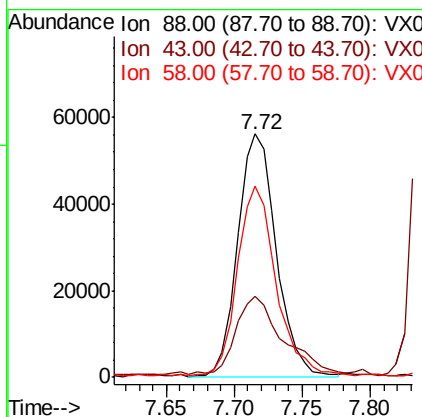
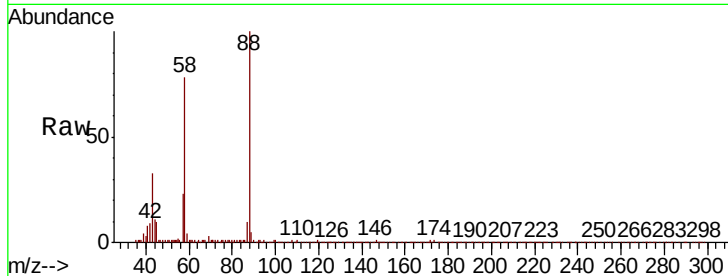
#49
1,4-Dioxane
Concen: 327.125 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	110855		
43	39.0		30.1	45.1
58	78.2		60.6	90.8

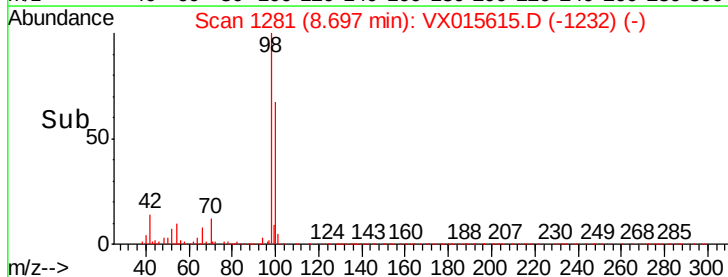
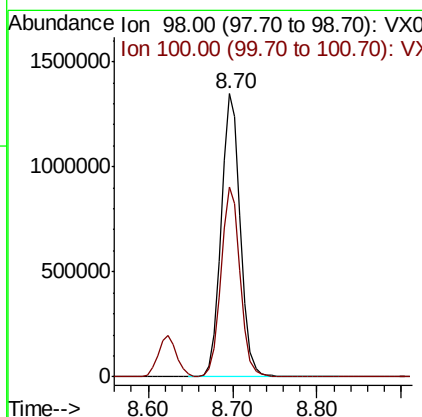
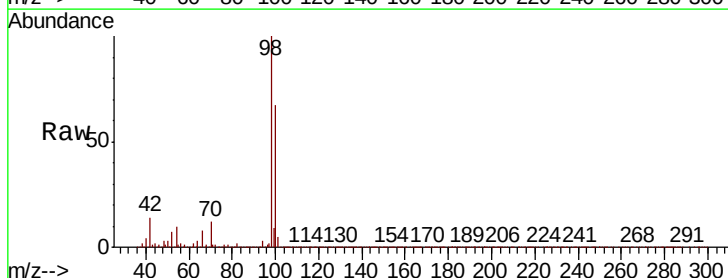
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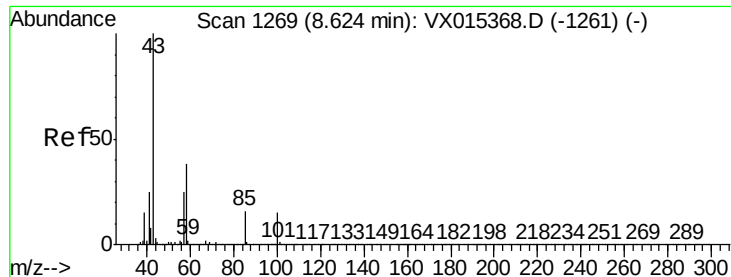
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#50
Toluene-d8
Concen: 49.830 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2105924		
100	67.2		53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 99.335 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 43 Resp: 2047349

Ion Ratio Lower Upper

43 100

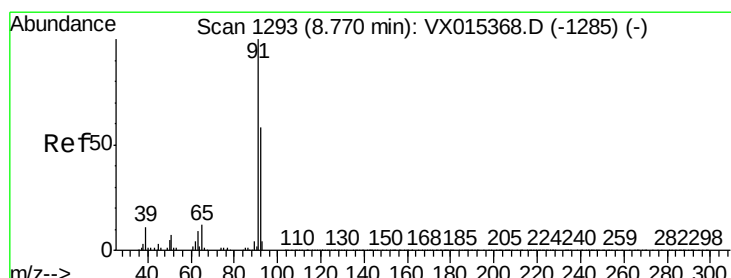
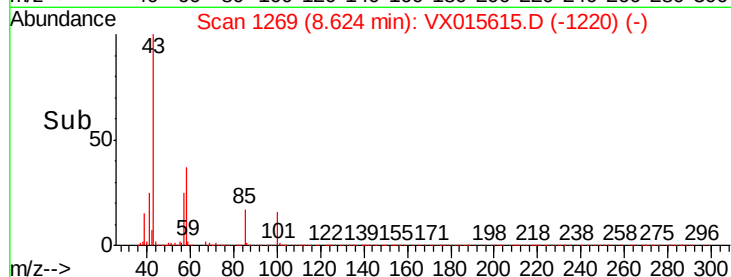
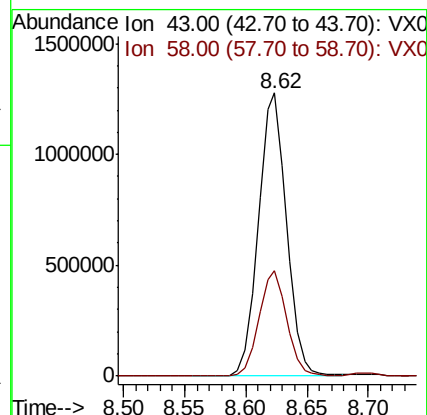
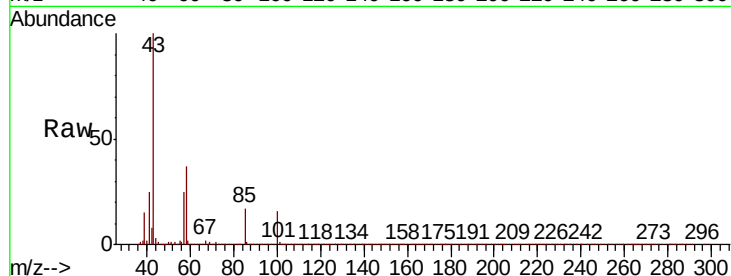
58 36.7 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 20.794 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015615.D

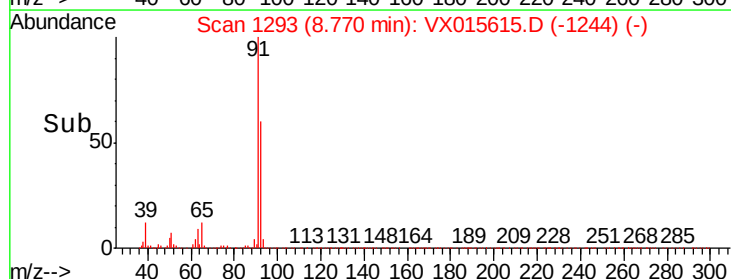
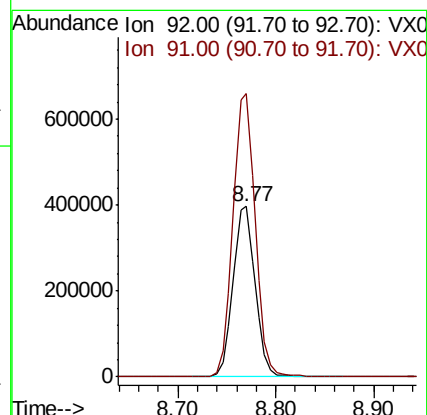
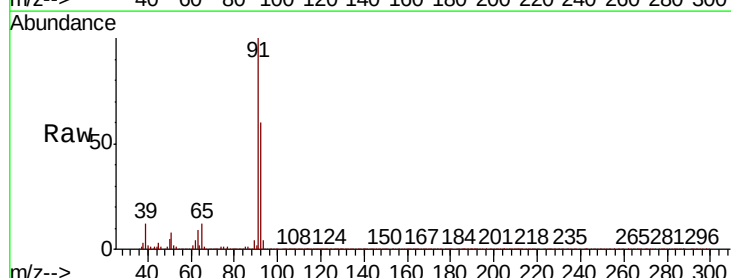
Acq: 10 Apr 2020 12:55

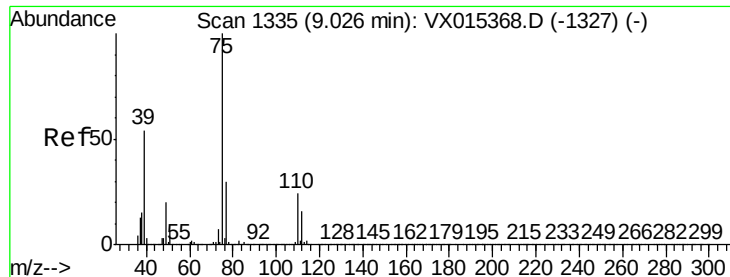
Tgt Ion: 92 Resp: 621365

Ion Ratio Lower Upper

92 100

91 167.7 136.6 205.0





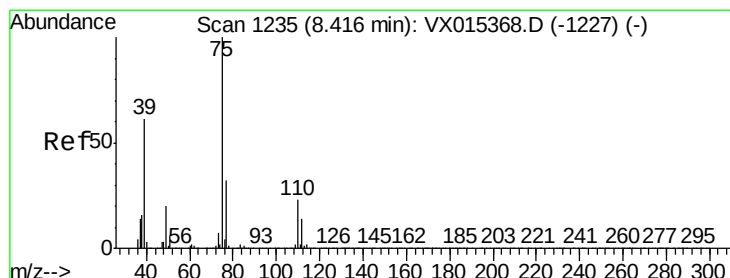
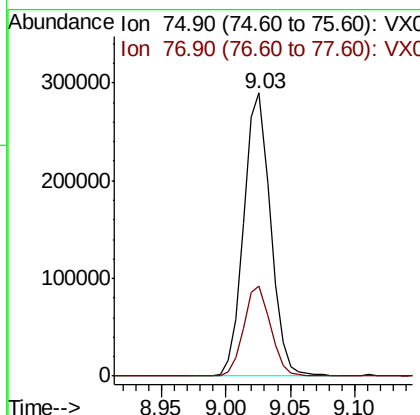
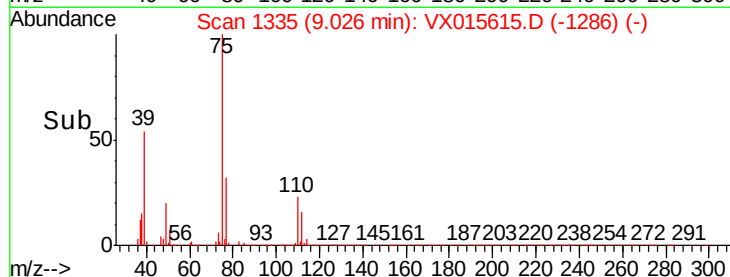
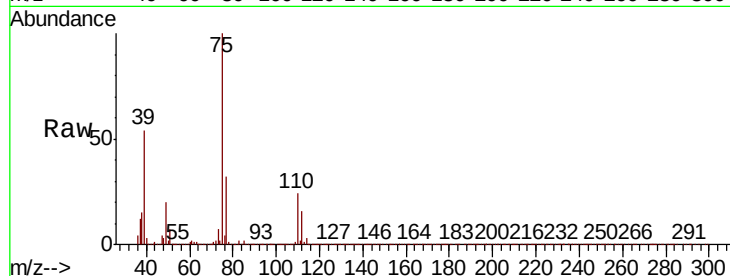
#53
t-1,3-Dichloropropene
Concen: 19.021 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.1	36.1

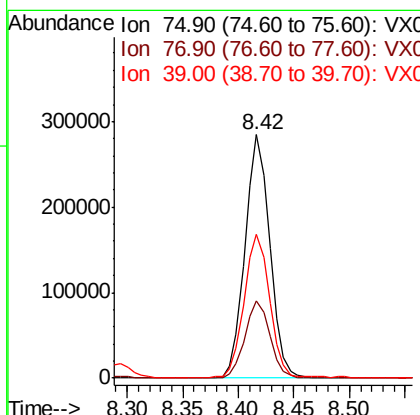
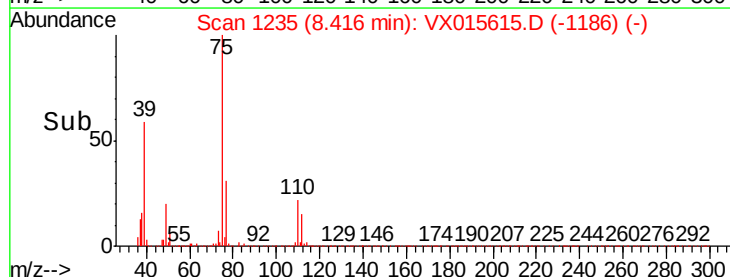
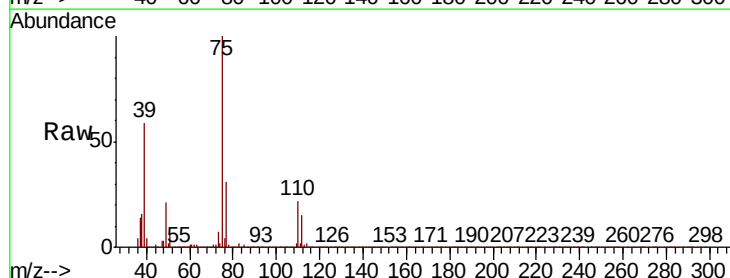
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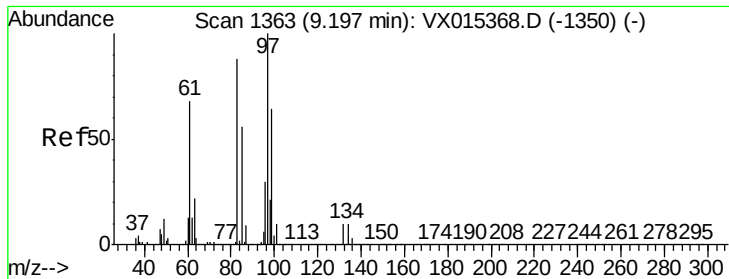
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#54
cis-1,3-Dichloropropene
Concen: 19.911 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	59.0	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 20.917 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

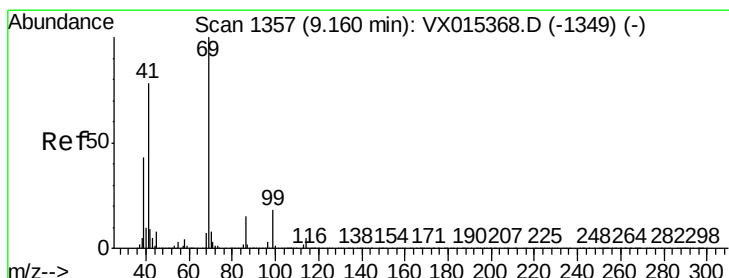
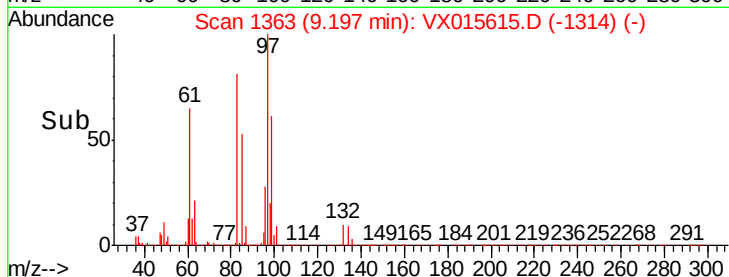
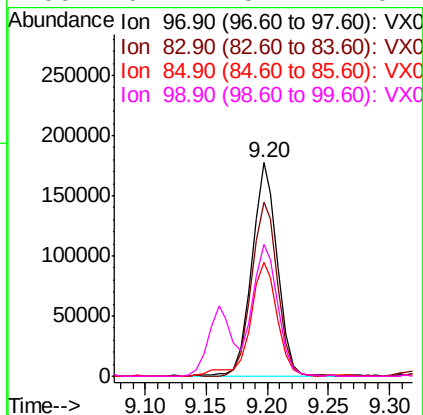
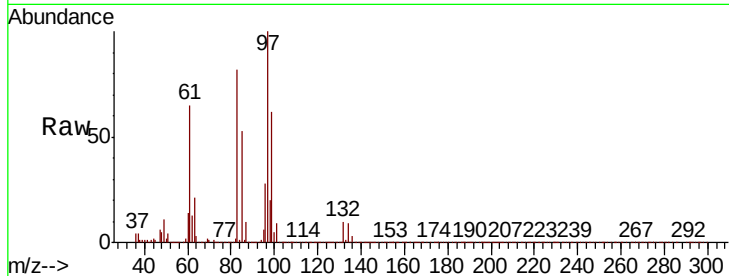
ClientSampleId :

VX0410WBS01

Tot Ion:	97	Resp:	256070
Ion	Ratio	Lower	Upper
97	100		
83	81.4	70.2	105.4
85	53.4	44.7	67.1
99	61.4	51.1	76.7

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#56

Ethyl methacrylate

Concen: 19.483 ug/l

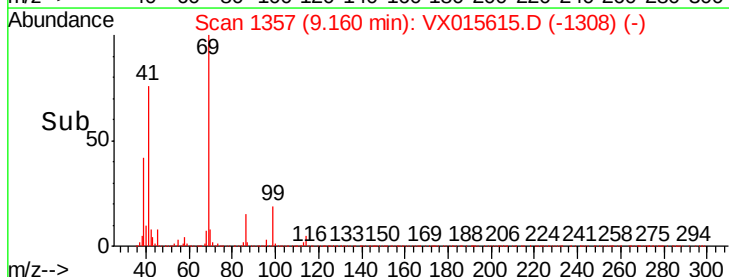
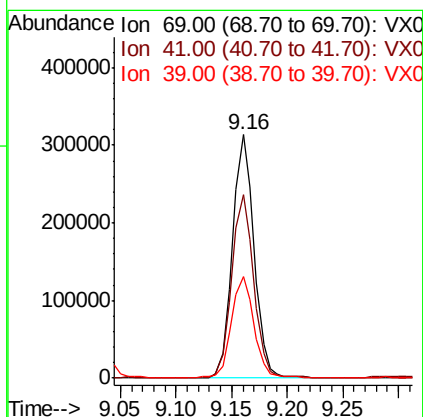
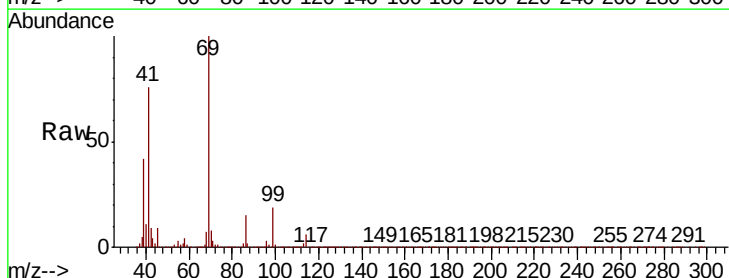
RT: 9.16 min Scan# 1357

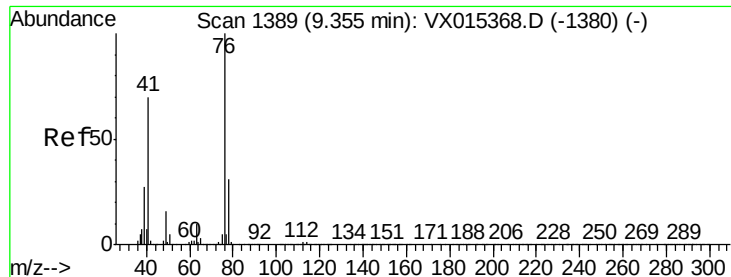
Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion:	69	Resp:	420354
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.6	92.4
39	43.2	34.0	51.0





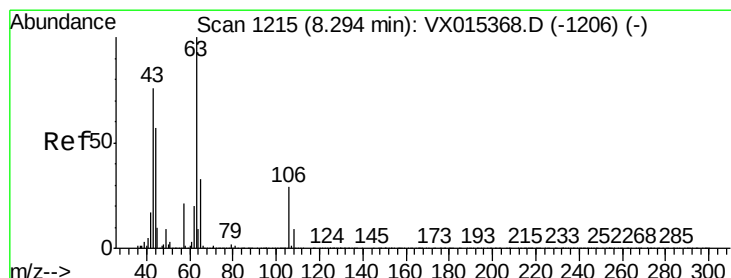
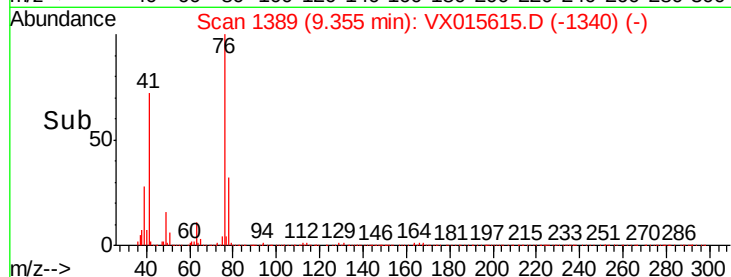
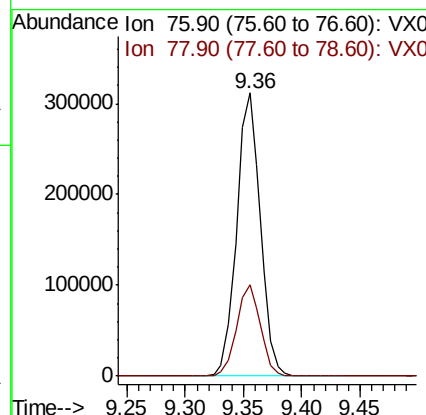
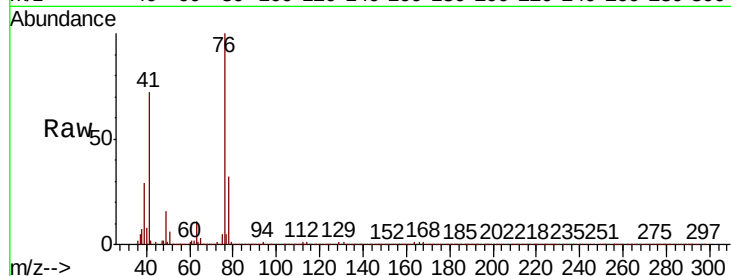
#57
 1,3-Dichloropropane
 Concen: 19.971 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

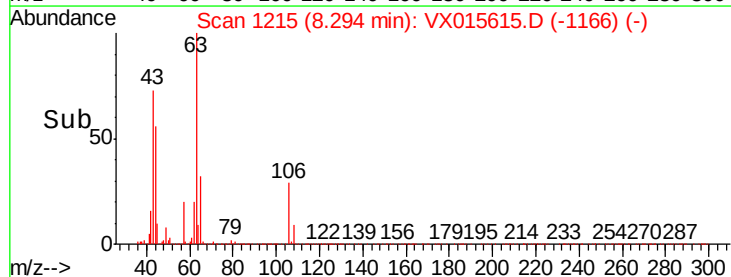
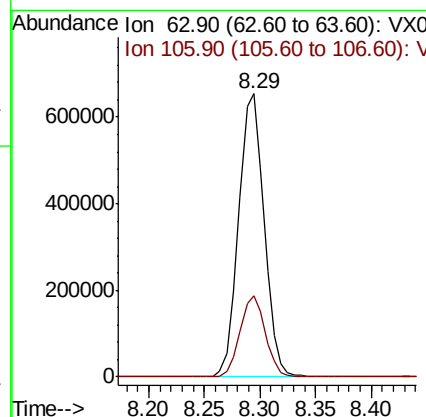
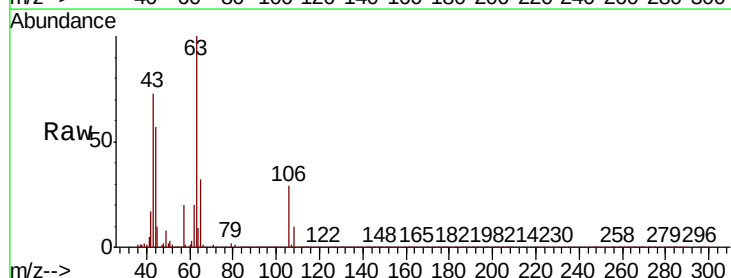
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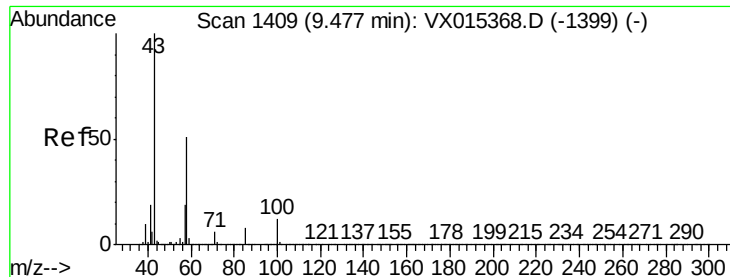
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.343 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.7	34.1





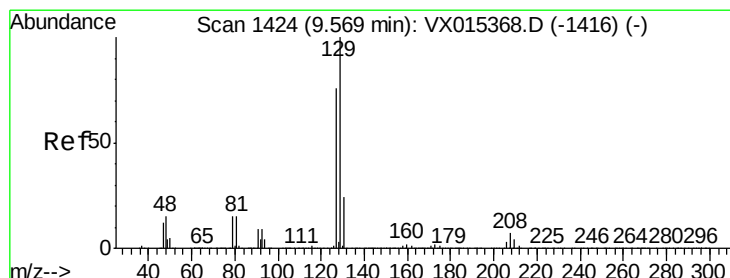
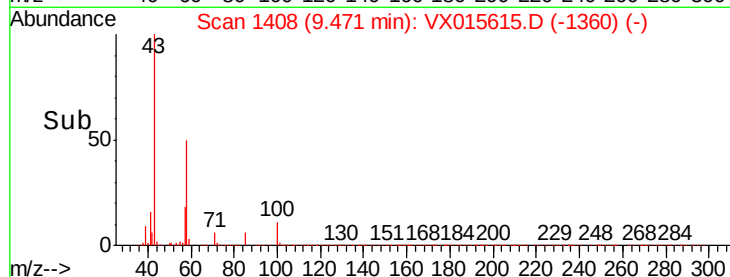
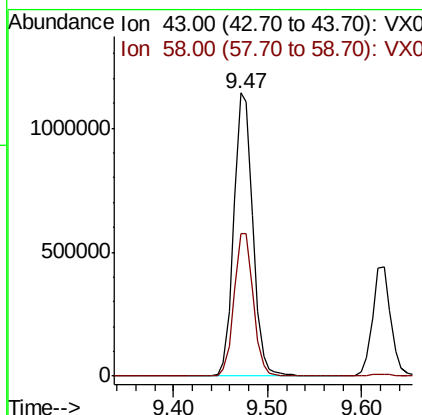
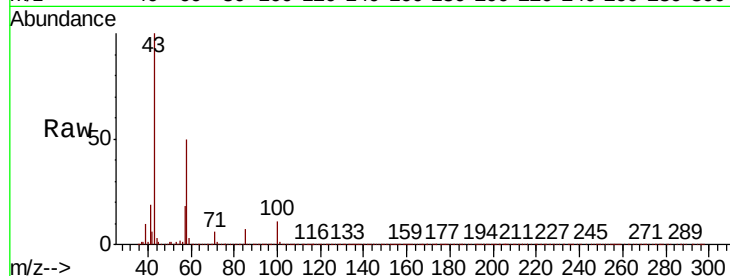
#59
2-Hexanone
Concen: 102.257 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion: 43 Resp: 1591169
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6

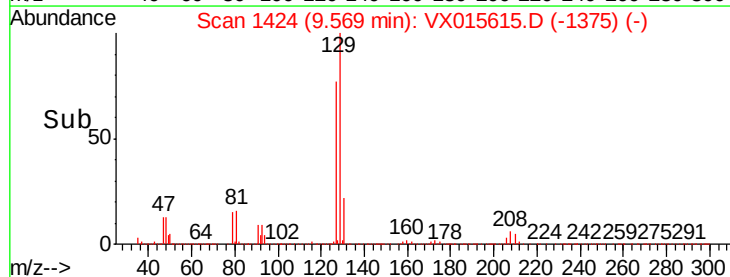
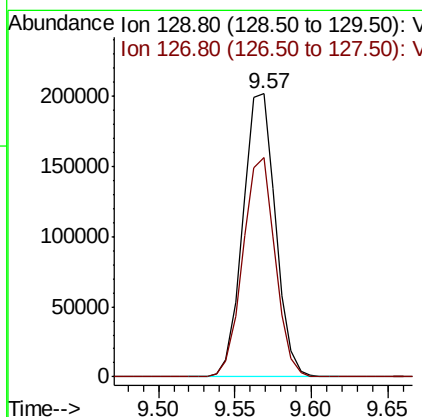
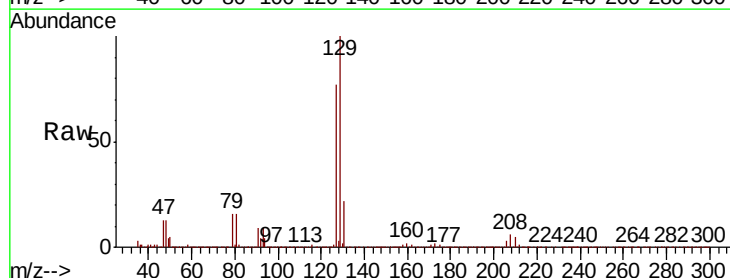
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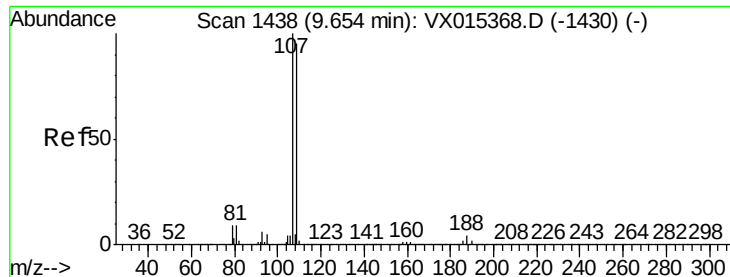
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4/13/2020 1:24:03 PM



#60
Dibromochloromethane
Concen: 20.190 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion: 129 Resp: 297018
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.796 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 107 Resp: 263524

Ion Ratio Lower Upper

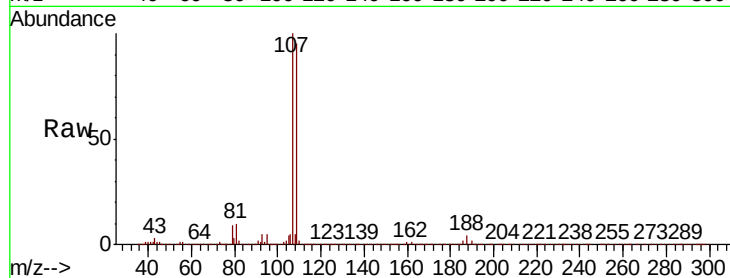
107 100

109 97.0 74.8 112.2

Manual Integrations
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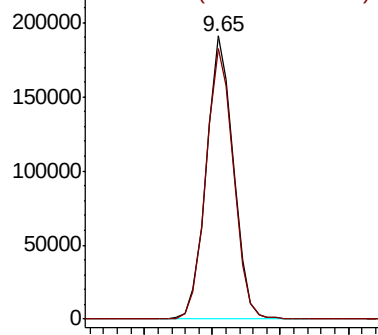
apatel

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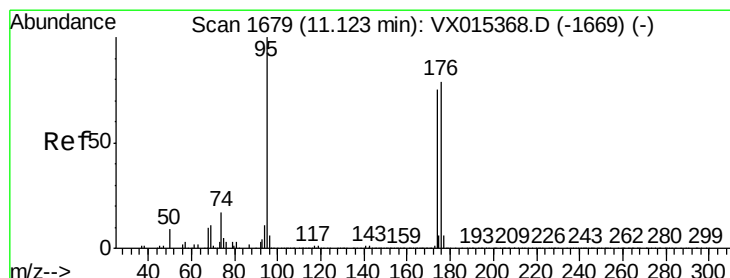
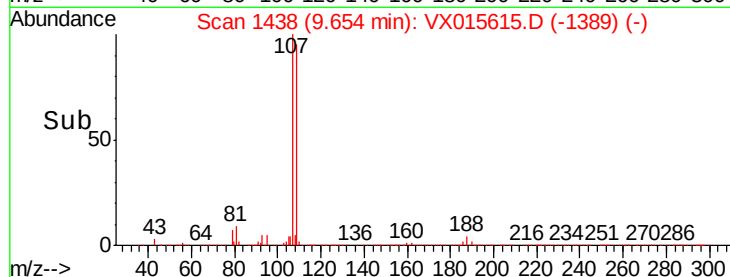


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.448 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

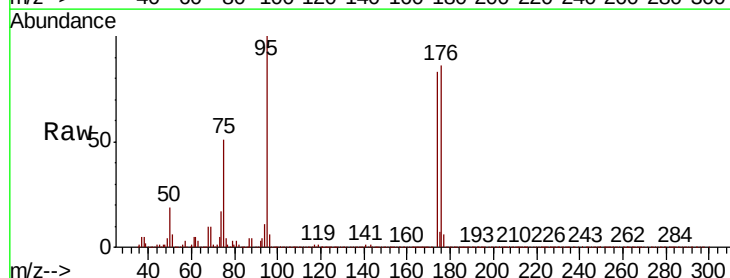
Tgt Ion: 95 Resp: 849288

Ion Ratio Lower Upper

95 100

174 86.0 0.0 158.6

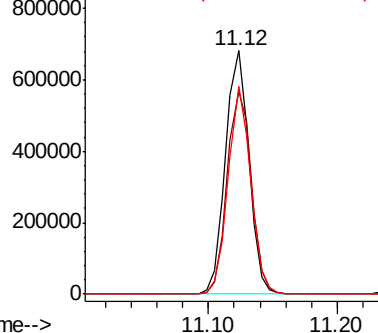
176 82.3 0.0 159.0



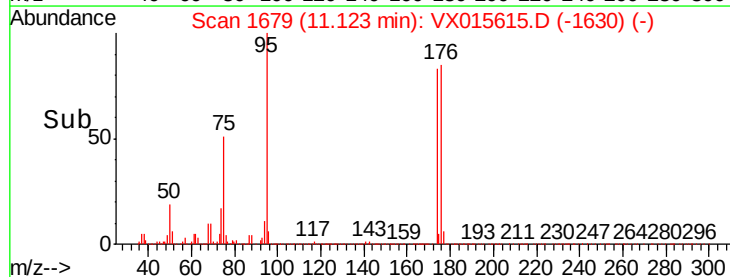
Abundance Ion 94.90 (94.60 to 95.60): VX0

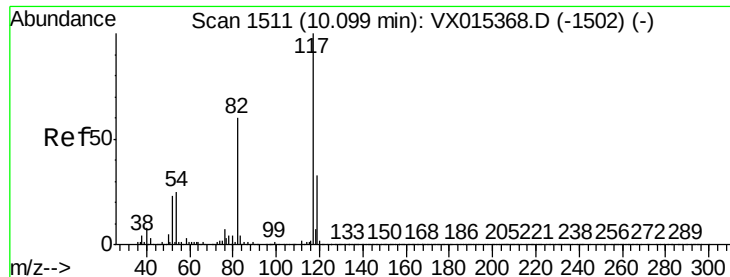
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





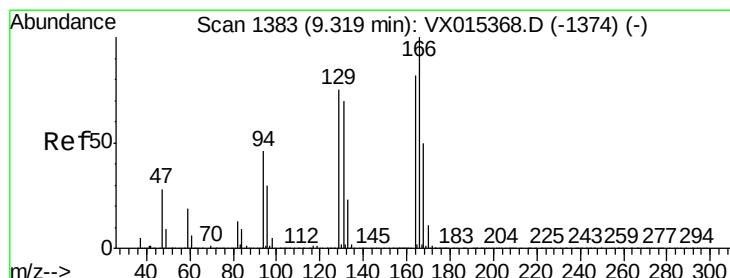
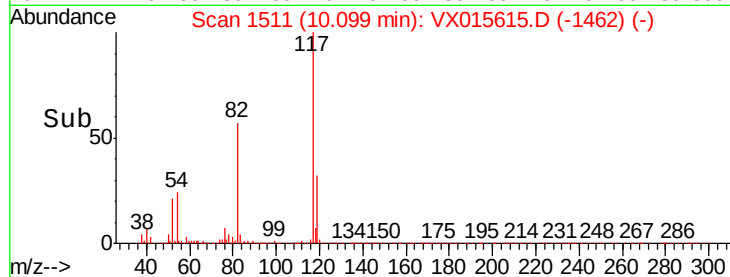
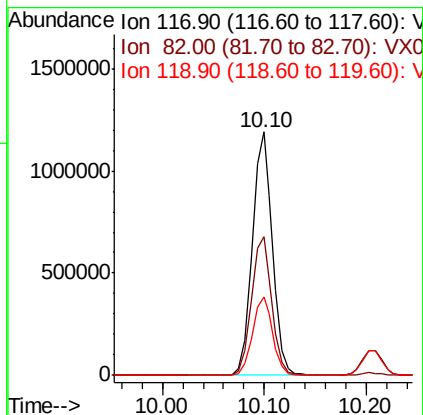
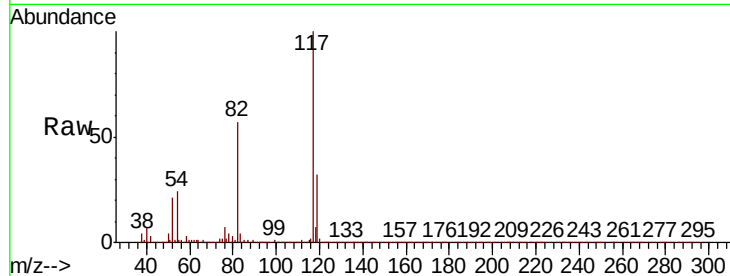
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.8	71.8
119	32.1	26.8	40.2

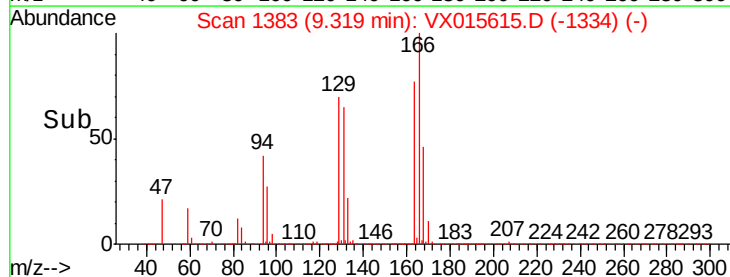
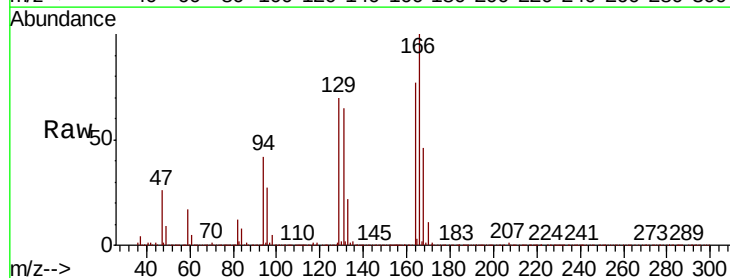
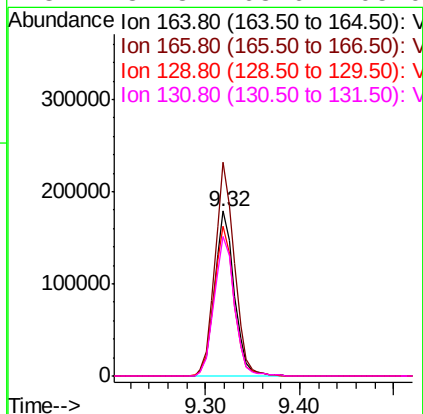
Manual Integrations
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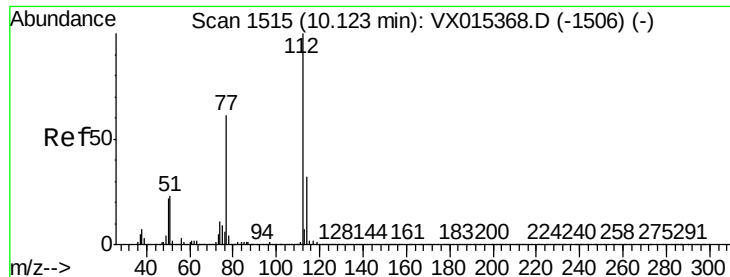
apatel
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#64
Tetrachloroethene
Concen: 20.936 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	97.8	146.6
129	91.2	73.0	109.4
131	84.8	68.6	103.0





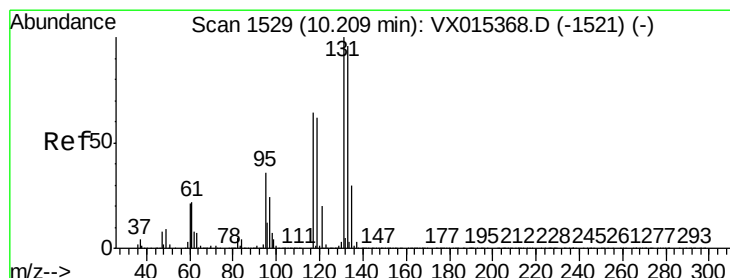
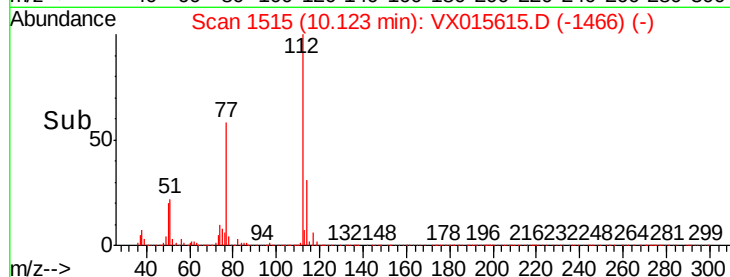
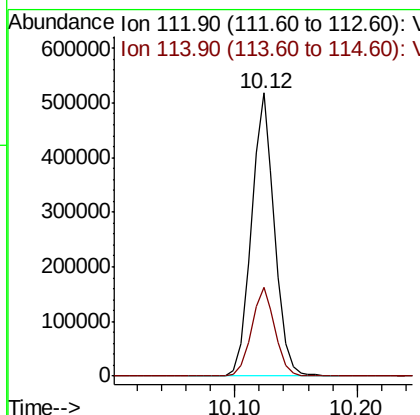
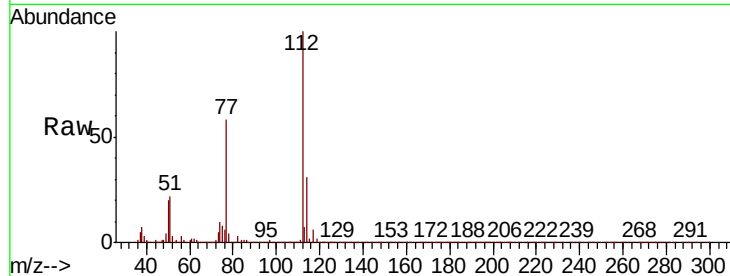
#65
Chlorobenzene
Concen: 20.822 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.5	38.3

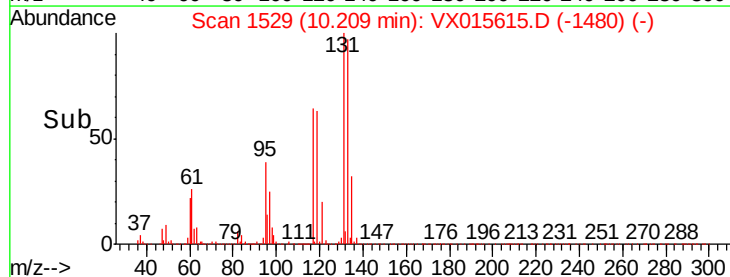
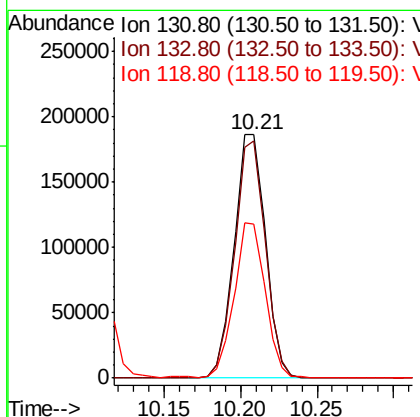
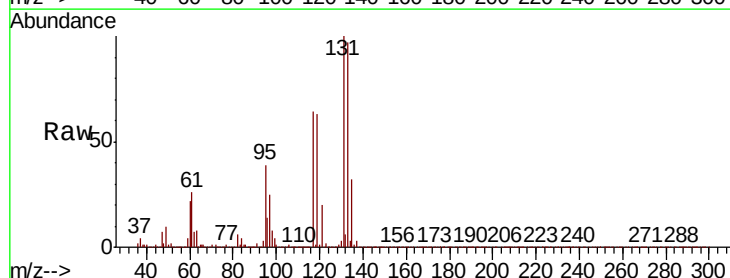
Manual Integrations
APPROVED

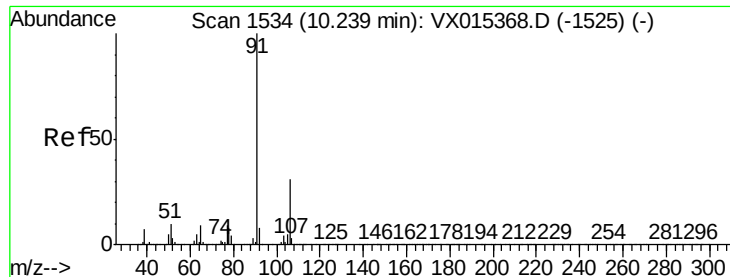
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.371 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.6	142.9
119	62.8	31.1	93.3





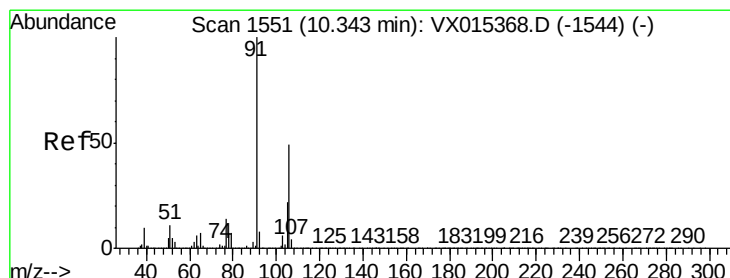
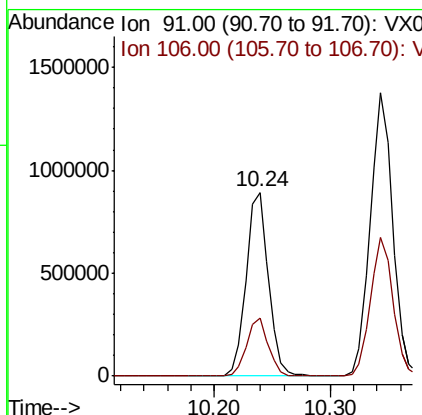
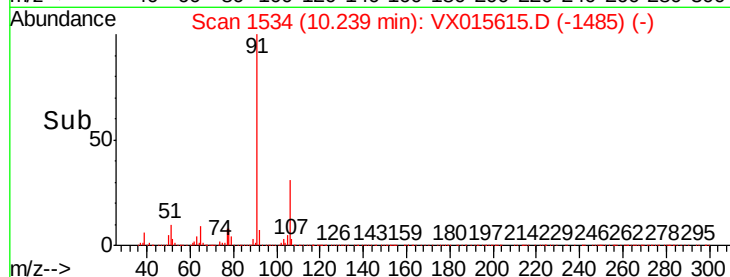
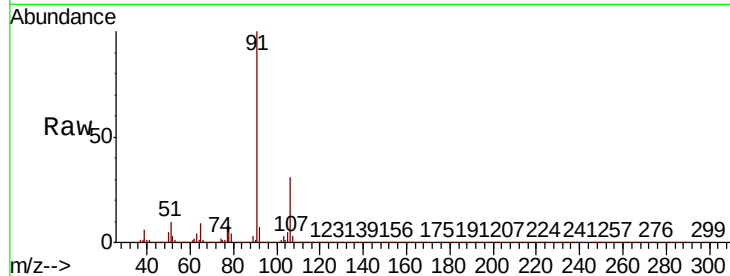
#67
Ethyl Benzene
Concen: 20.735 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion: 91 Resp: 1197089
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2

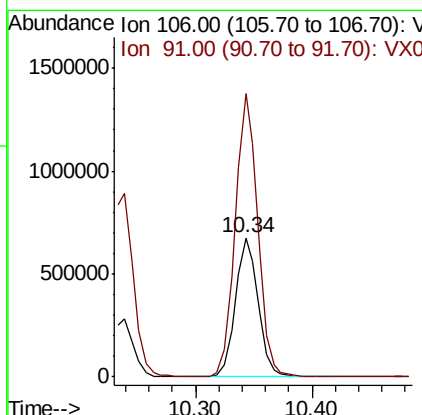
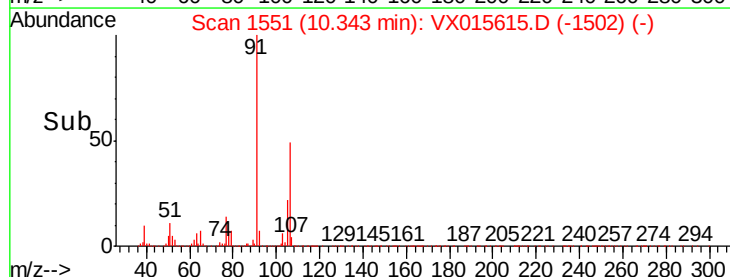
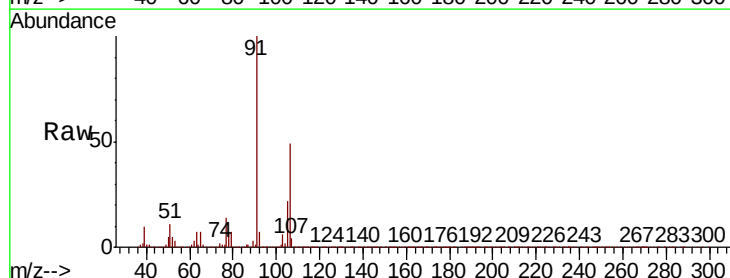
Manual Integrations
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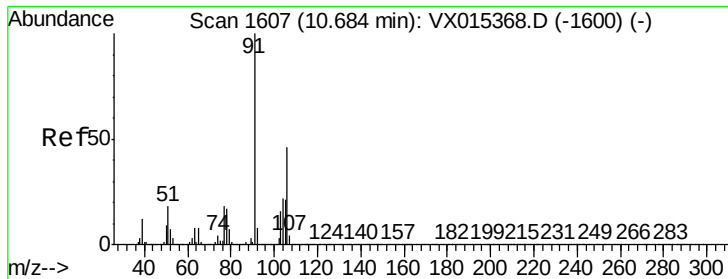
apatel
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#68
m/p-Xylenes
Concen: 42.463 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion: 106 Resp: 912864
Ion Ratio Lower Upper
106 100
91 203.1 163.4 245.0





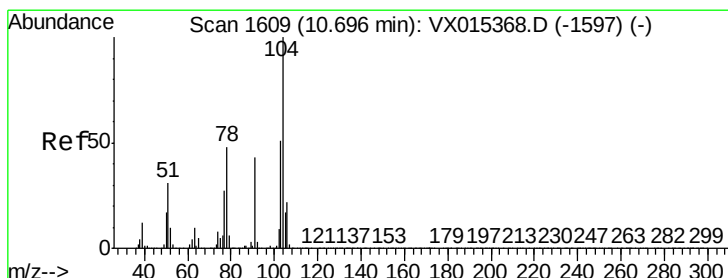
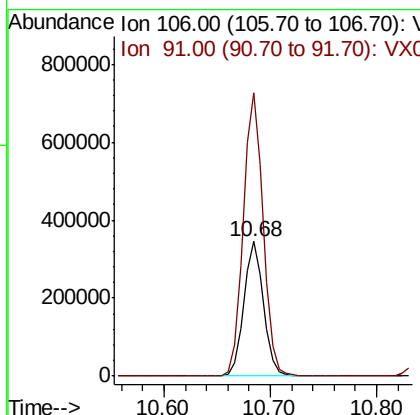
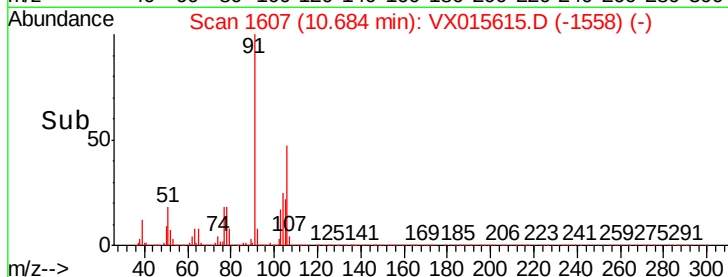
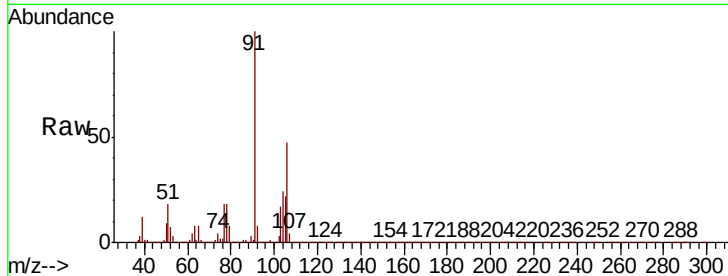
#69
o-Xylene
Concen: 20.974 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	445559		
91	214.0	107.1	321.3	

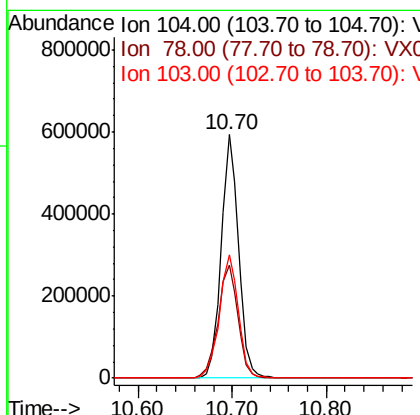
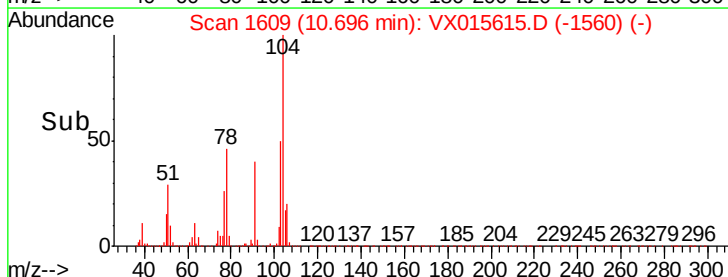
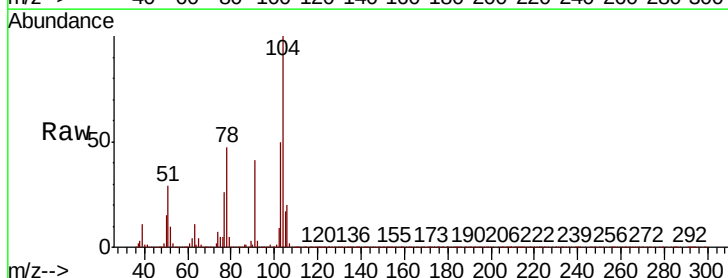
Manual Integrations
APPROVED

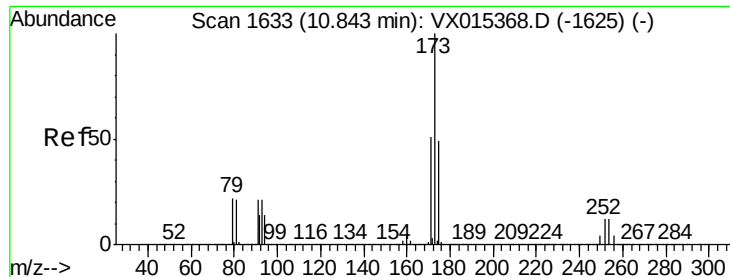
apatel
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#70
Styrene
Concen: 20.253 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	757105		
78	53.1	42.0	63.0	
103	55.6	43.4	65.0	





#71

Bromoform

Concen: 18.577 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

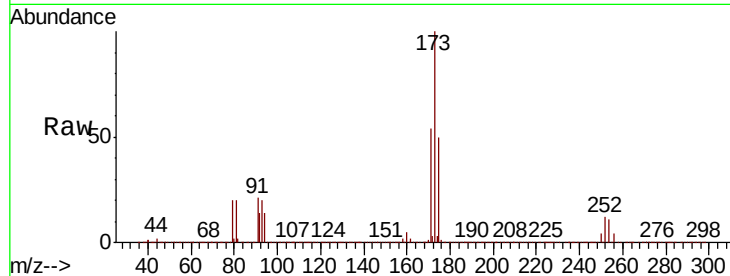
ClientSampleId :

VX0410WBS01

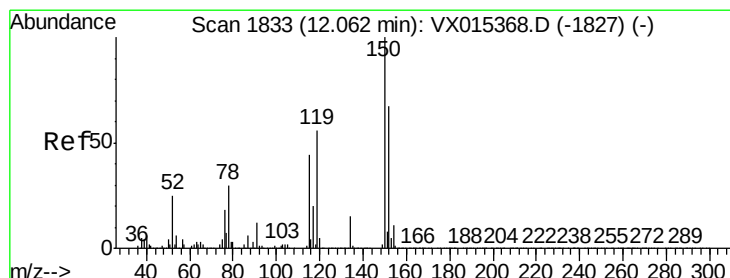
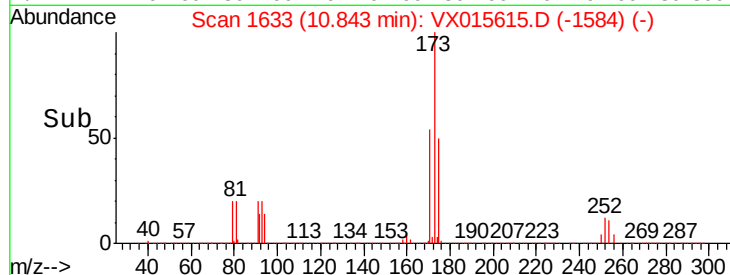
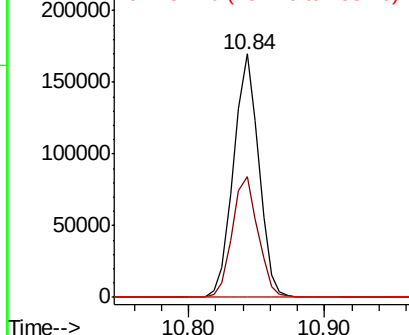
Tot Ion:	173	Resp:	219920
Ion Ratio	Lower	Upper	
173	100		
175	50.5	23.9	71.7
254	0.3	0.1	0.1#

Manual Integrations
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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

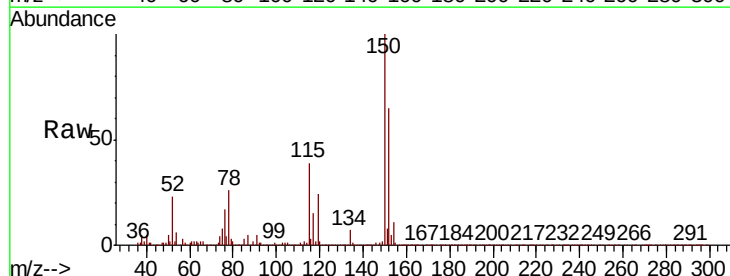
RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

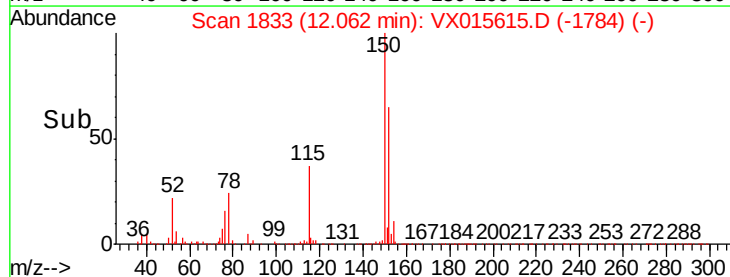
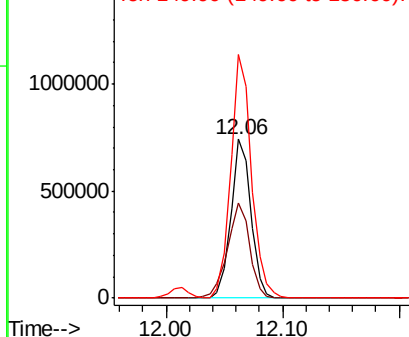
Lab File: VX015615.D

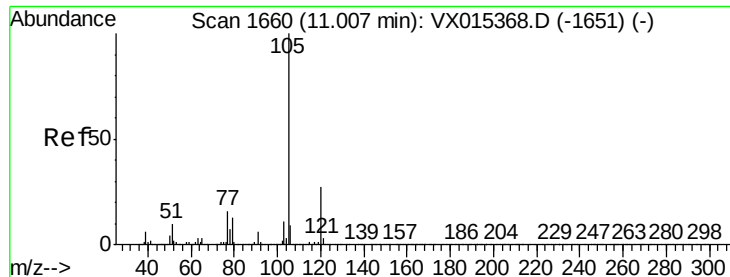
Acq: 10 Apr 2020 12:55

Tgt Ion:	152	Resp:	882851
Ion Ratio	Lower	Upper	
152	100		
115	66.1	39.0	116.9
150	159.7	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: 20.381 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 105 Resp: 1178984

Ion Ratio Lower Upper

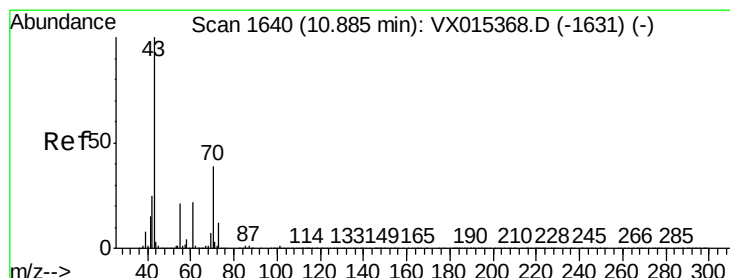
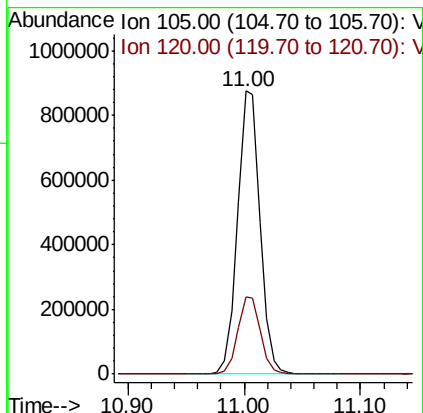
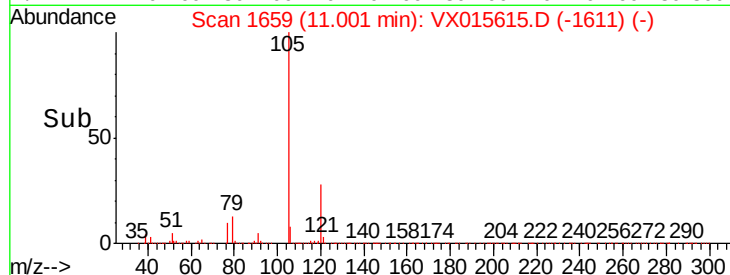
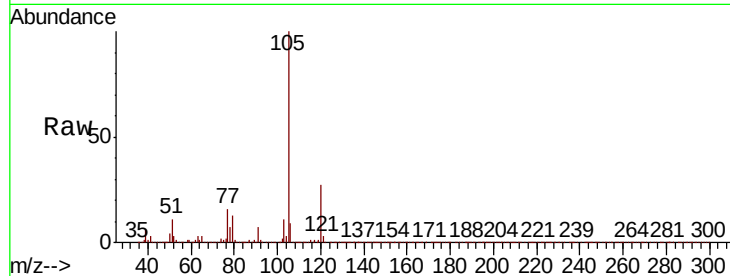
105 100

120 27.3 13.2 39.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.659 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion: 43 Resp: 600311

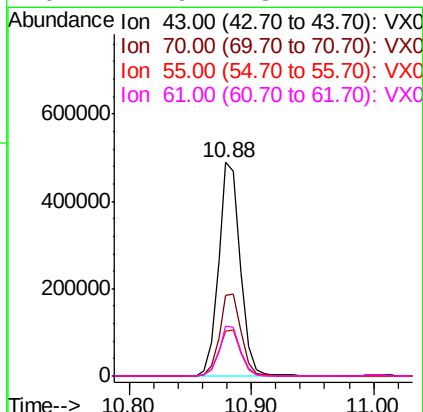
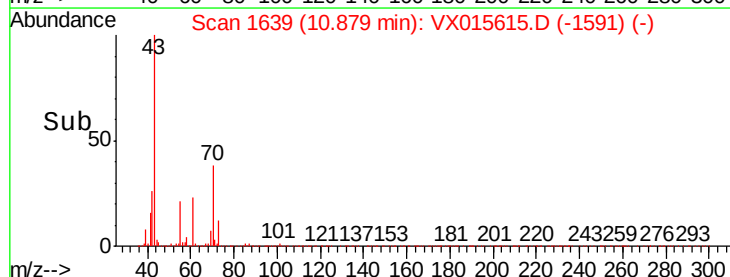
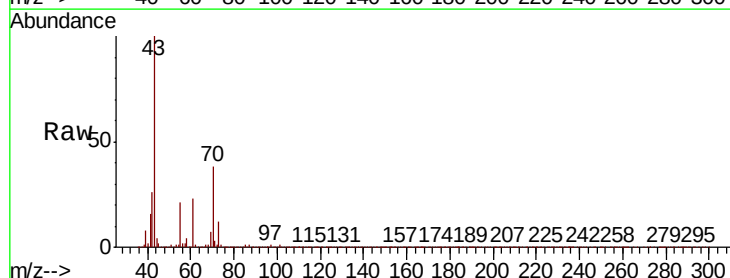
Ion Ratio Lower Upper

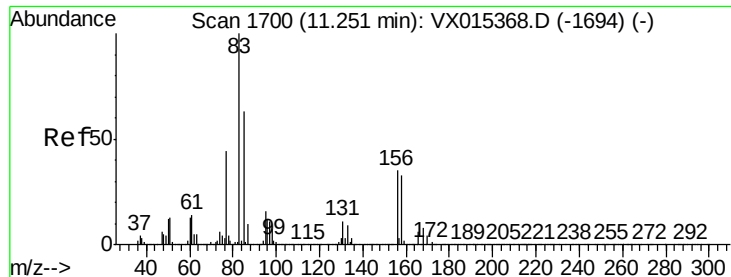
43 100

70 38.6 30.2 45.4

55 21.8 16.8 25.2

61 22.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.472 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

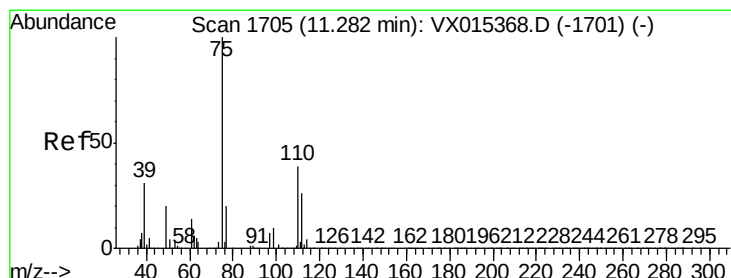
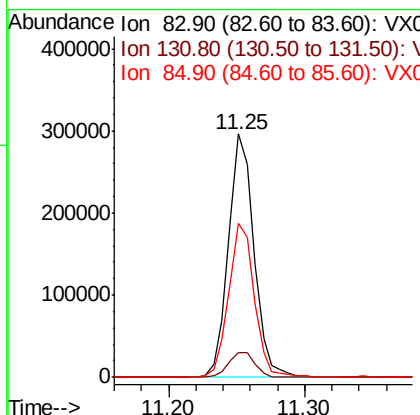
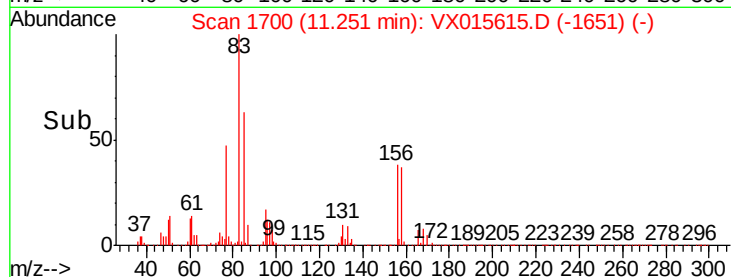
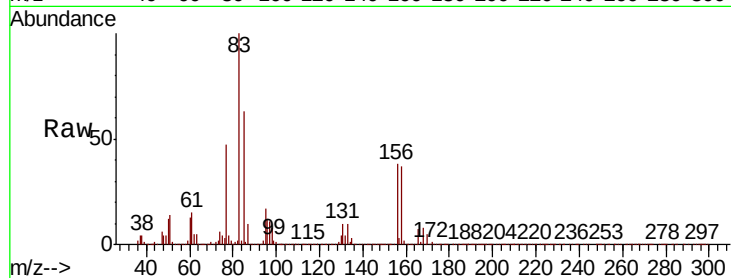
ClientSampleId :

VX0410WBS01

Tot Ion:	83	Resp:	386512
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	63.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.925 ug/l m

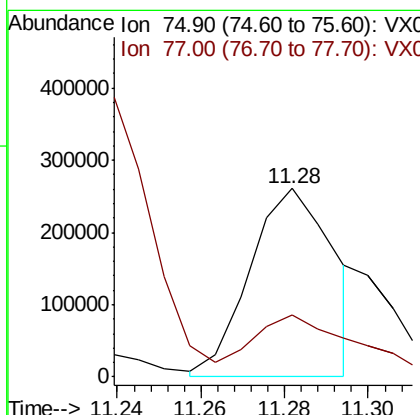
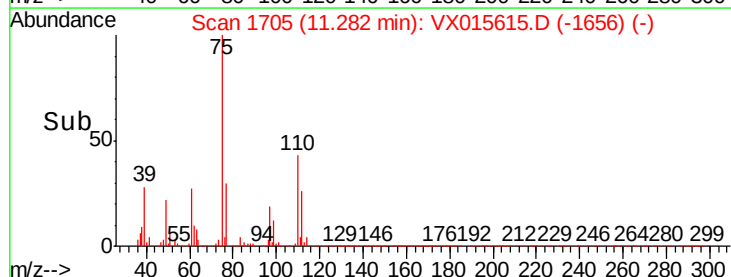
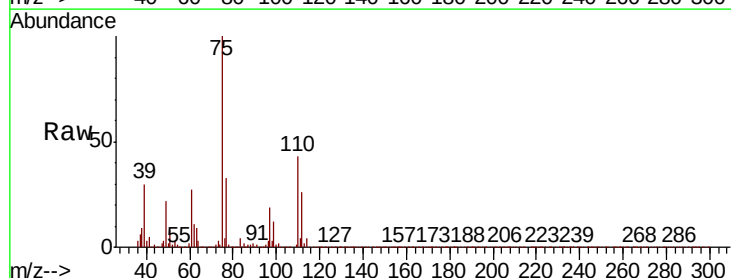
RT: 11.28 min Scan# 1705

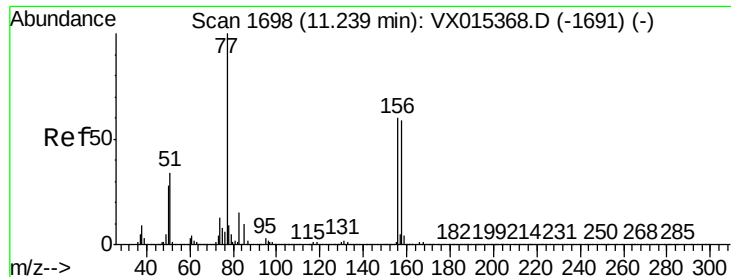
Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion:	75	Resp:	361747
Ion Ratio	Lower	Upper	
75	100		
77	40.8	21.2	63.6





#77

Bromobenzene

Concen: 20.506 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Instrument :

MSVOA_X

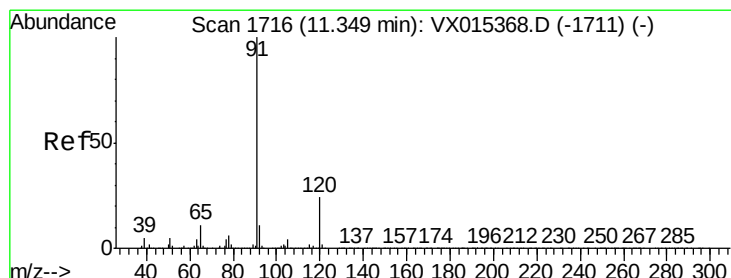
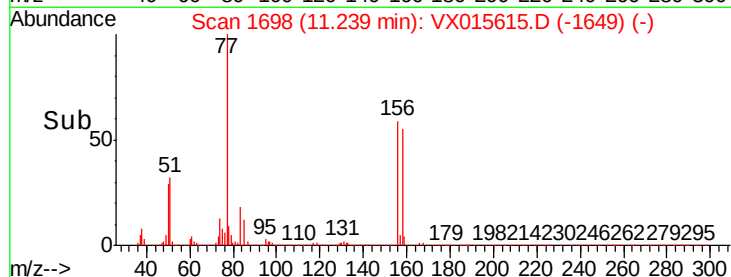
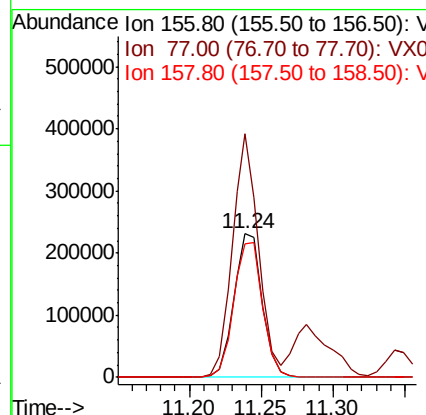
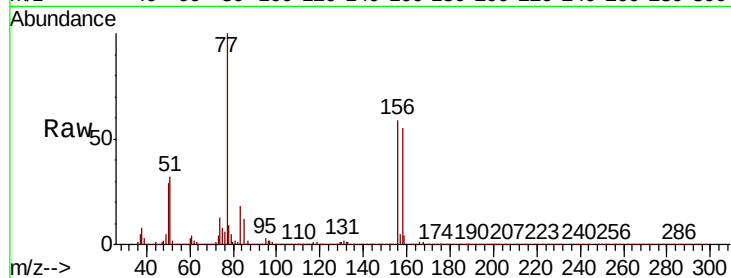
ClientSampled :

VX0410WBS01

Tot Ion:	156	Resp:	316407
Ion Ratio	Lower	Upper	
156	100		
77	157.3	82.2	246.5
158	96.4	49.3	147.9

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#78

n-propylbenzene

Concen: 20.392 ug/l

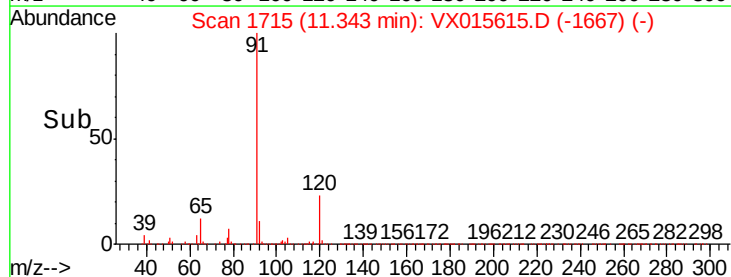
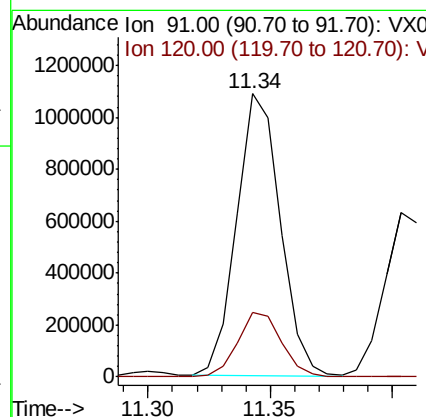
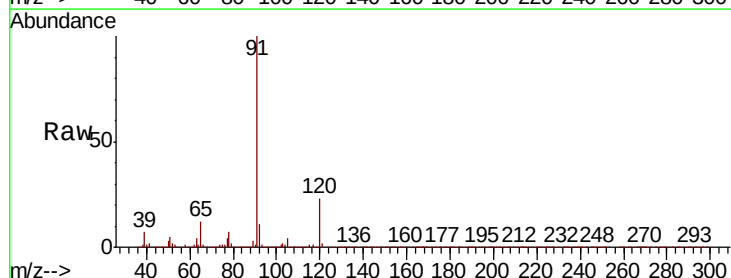
RT: 11.34 min Scan# 1715

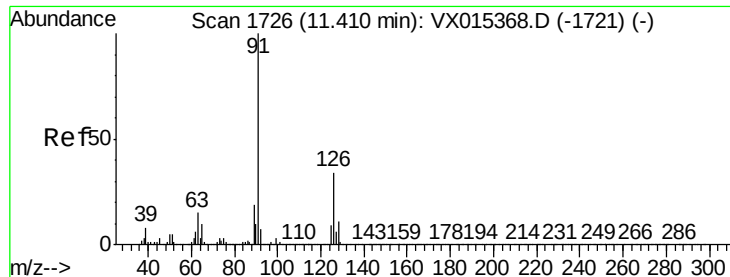
Delta R.T. -0.01 min

Lab File: VX015615.D

Acq: 10 Apr 2020 12:55

Tgt Ion:	91	Resp:	1348834
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.7	35.0





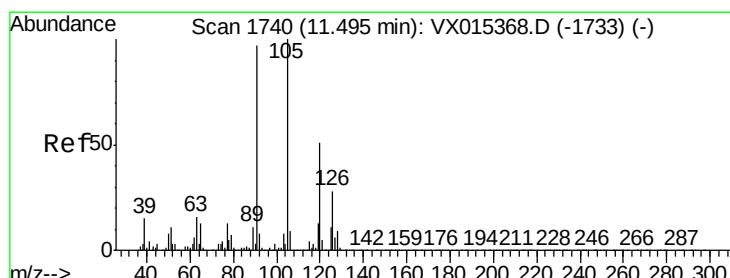
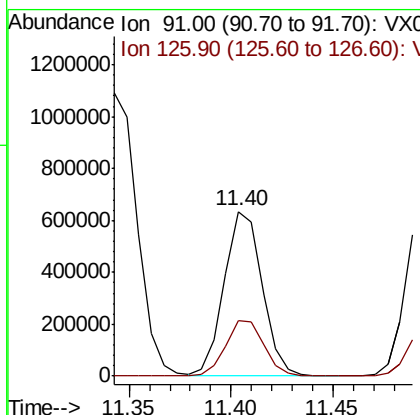
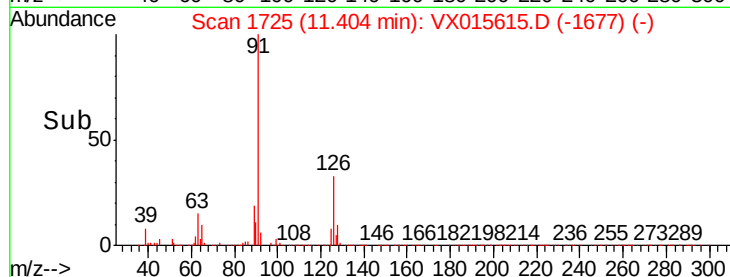
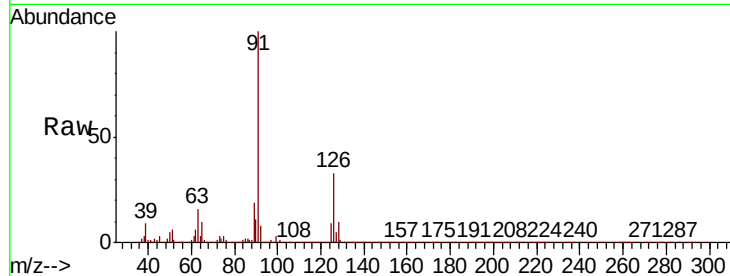
#79
 2-Chlorotoluene
 Concen: 20.038 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion: 91 Resp: 812398
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.5 49.5

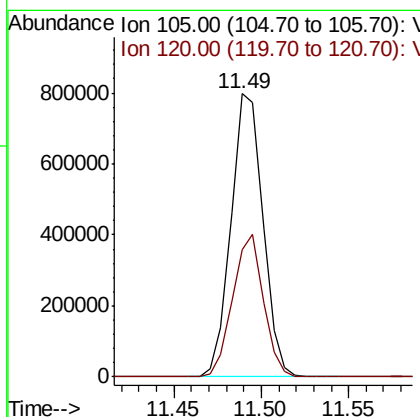
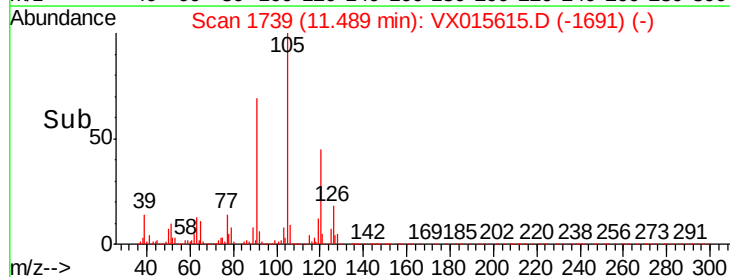
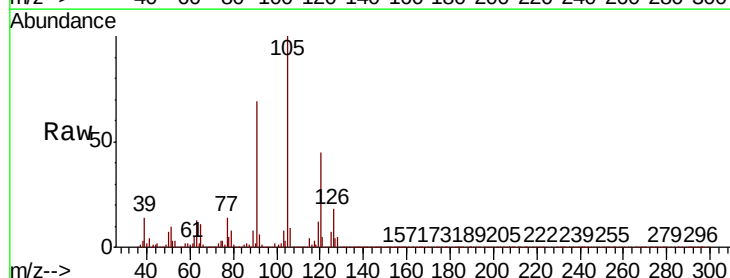
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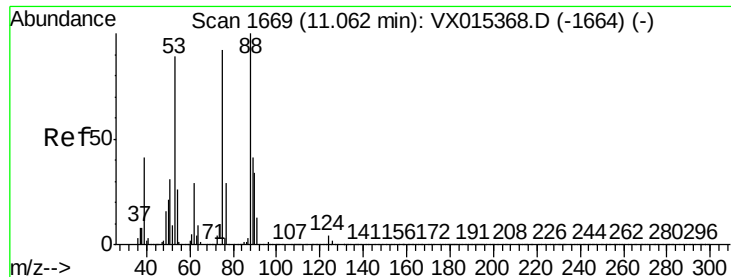
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.550 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion: 105 Resp: 1015242
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.8 74.4





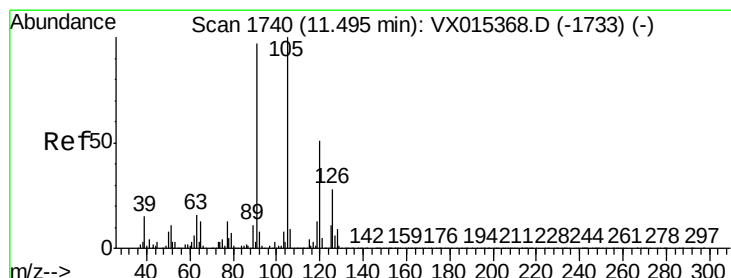
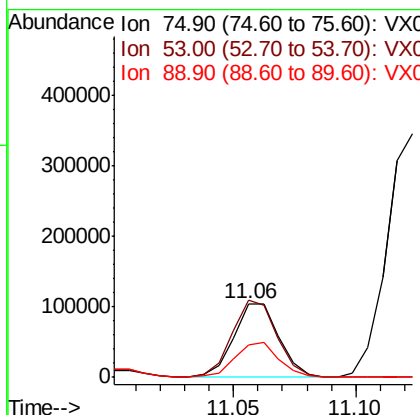
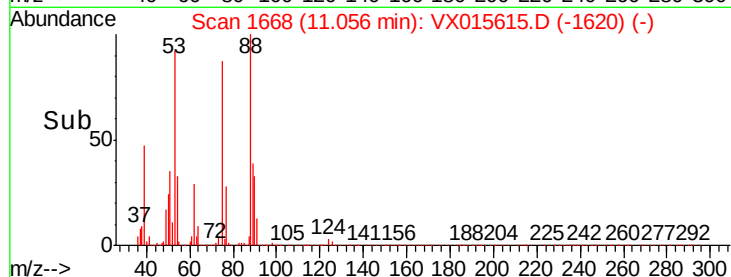
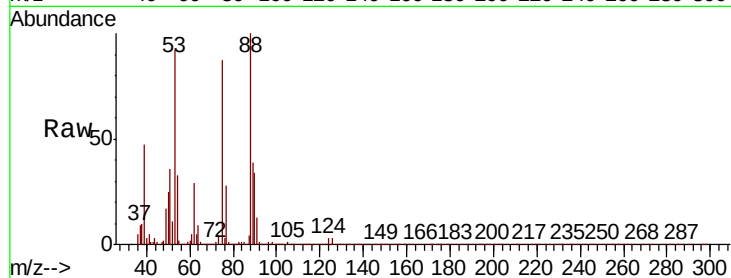
#81
trans-1,4-Dichloro-2-butene
Concen: 17.707 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.2	80.1	120.1
89	46.7	36.1	54.1

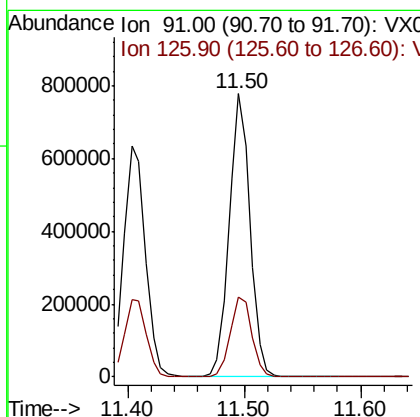
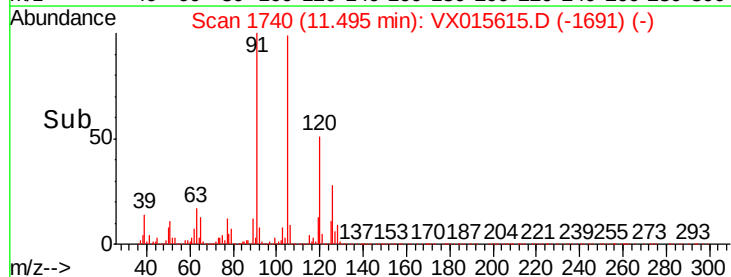
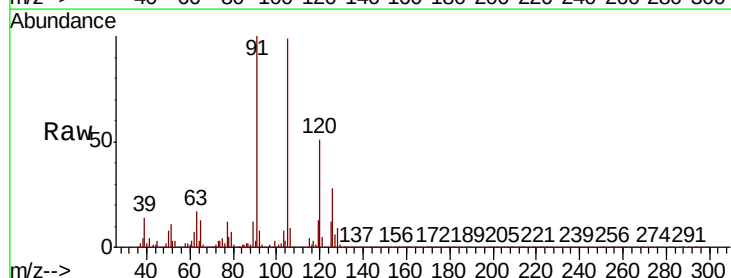
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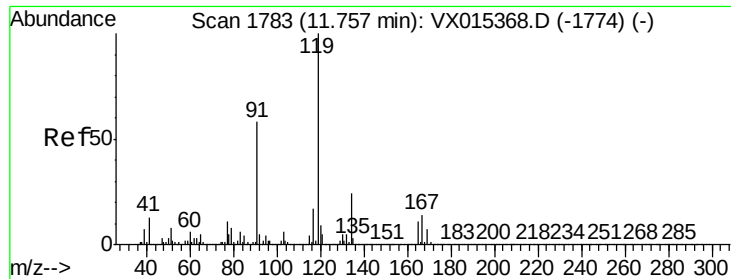
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#82
4-Chlorotoluene
Concen: 20.310 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.7	44.1





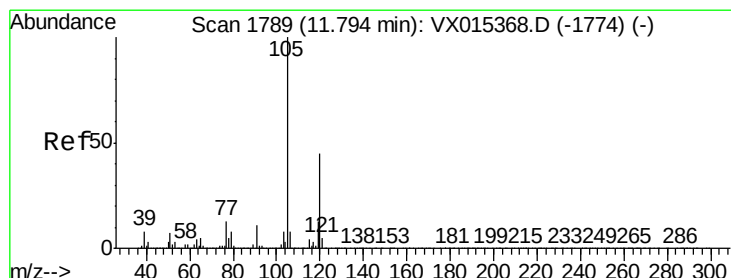
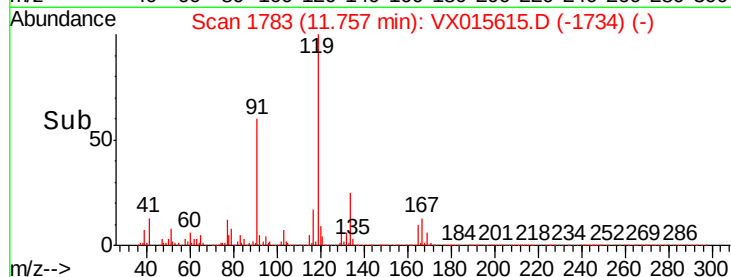
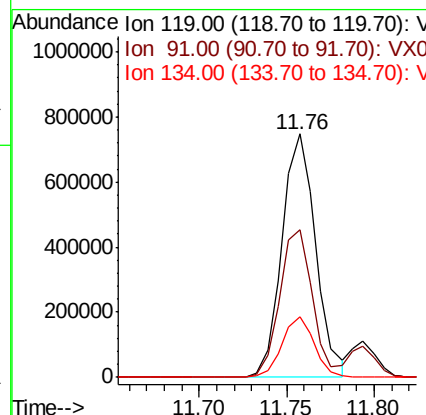
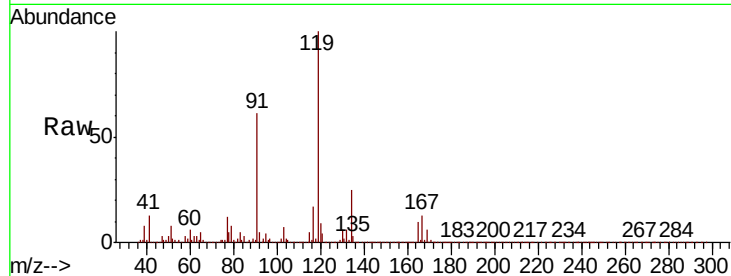
#83
 tert-Butylbenzene
 Concen: 20.825 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.6	85.8
134	23.4	11.8	35.3

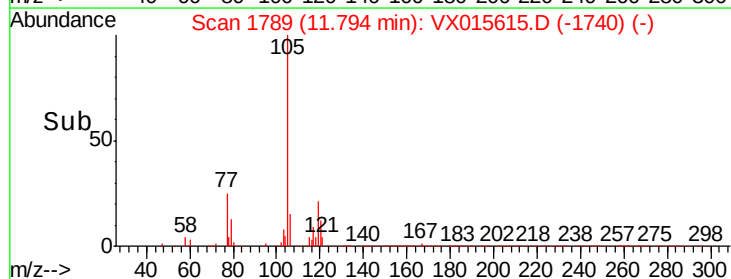
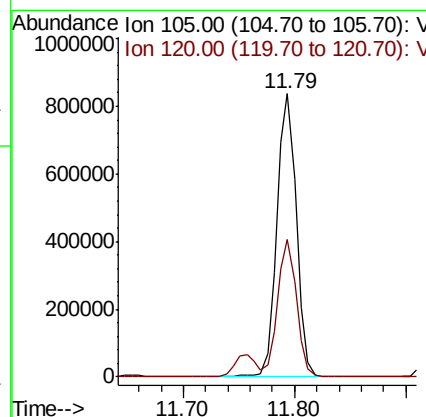
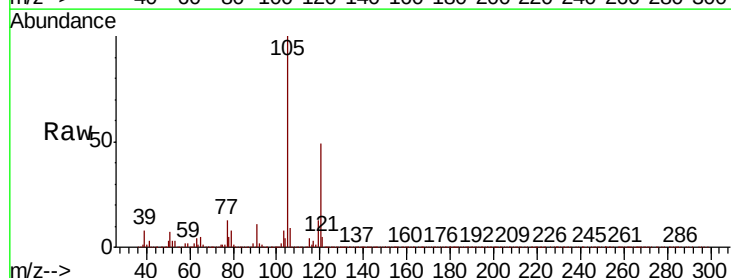
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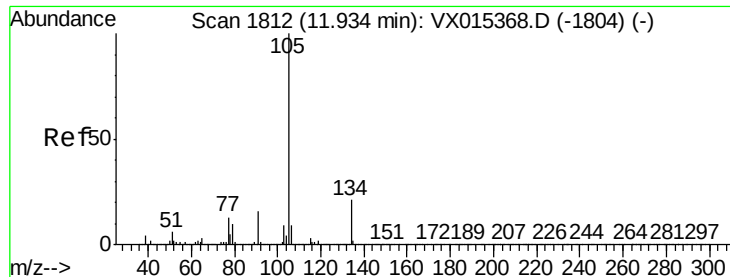
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.225 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.7	68.1





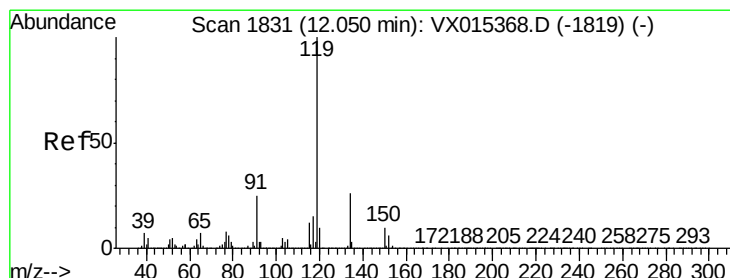
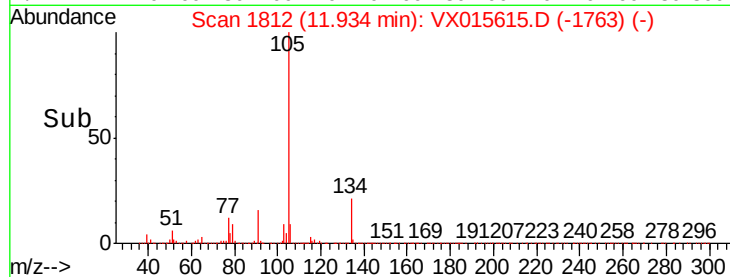
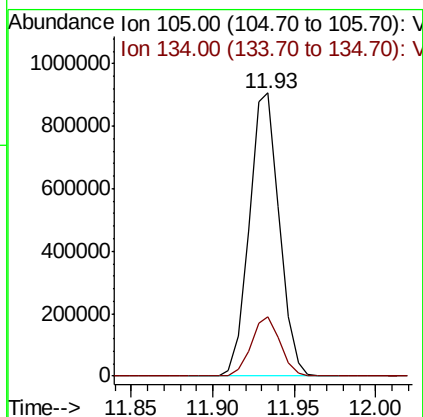
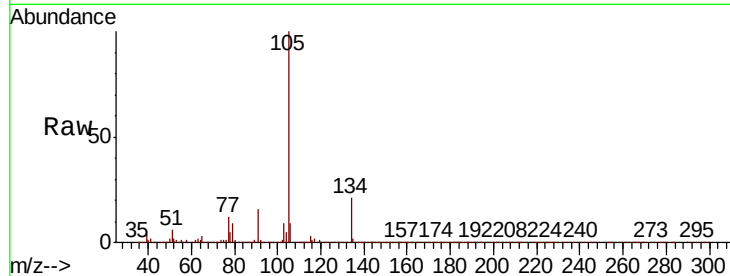
#85
 sec-Butylbenzene
 Concen: 20.829 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion:105 Resp: 1162441
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

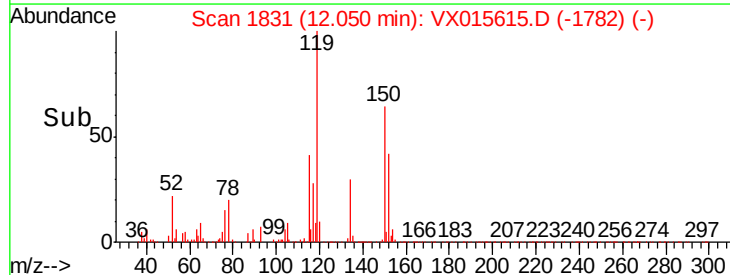
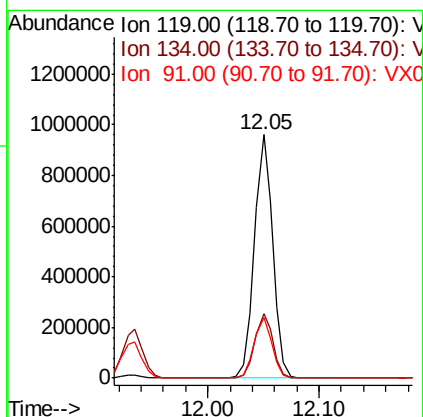
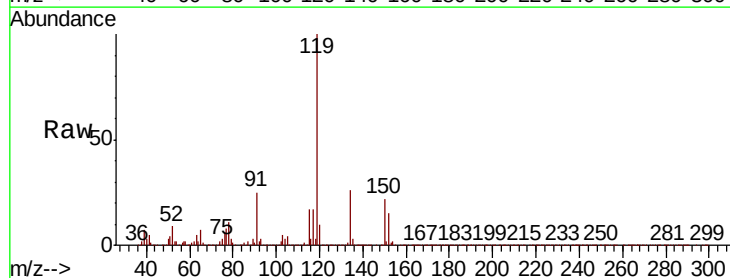
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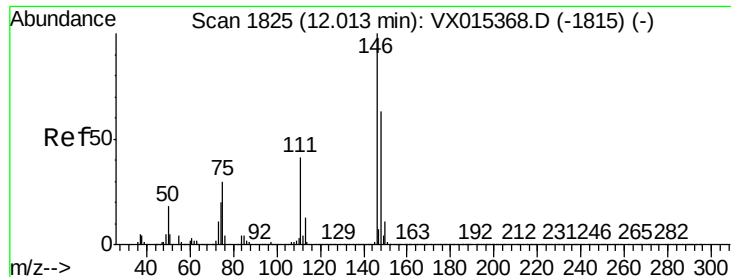
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#86
 p-Isopropyltoluene
 Concen: 21.195 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion:119 Resp: 1098149
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.4 12.4 37.4





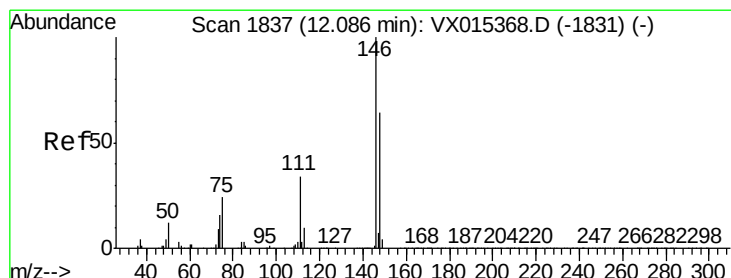
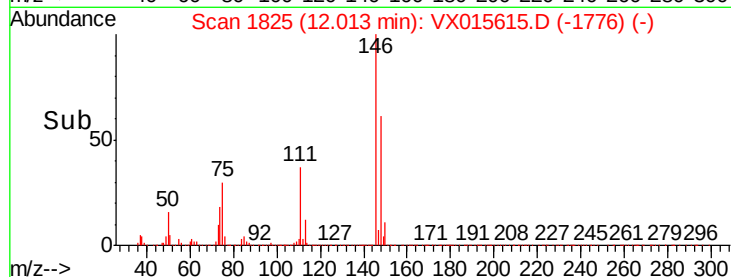
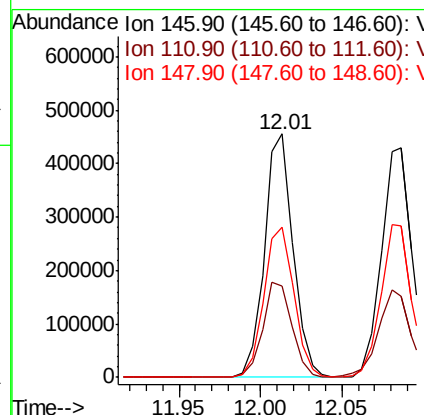
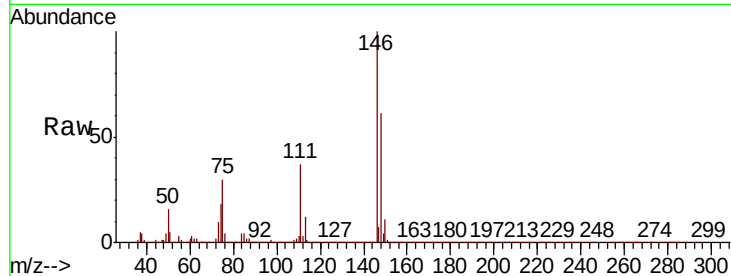
#87
 1,3-Dichlorobenzene
 Concen: 20.022 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.9
148	64.5	31.3	93.9

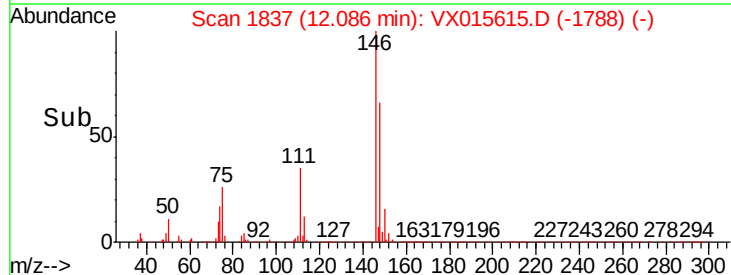
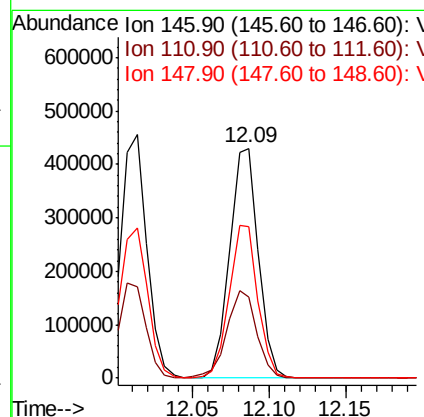
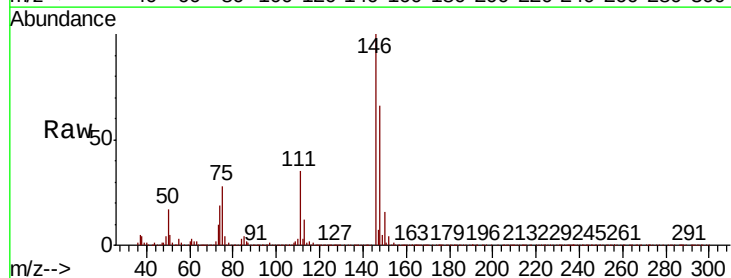
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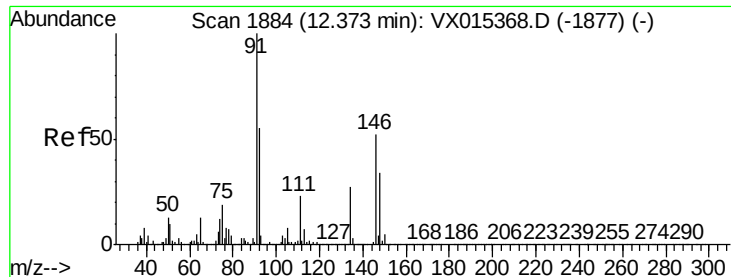
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#88
 1,4-Dichlorobenzene
 Concen: 19.802 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.5
148	66.0	32.4	97.2





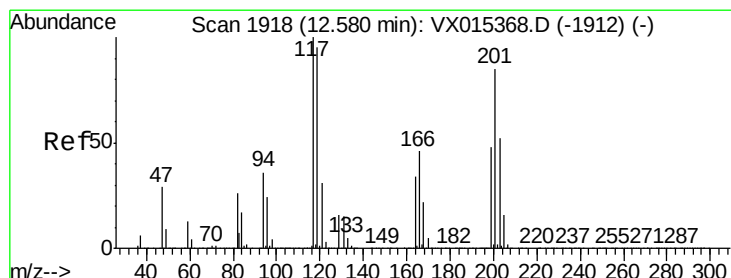
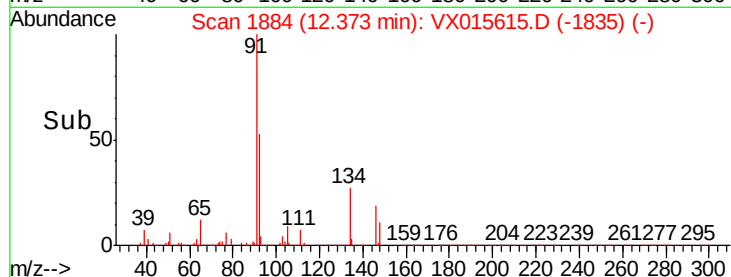
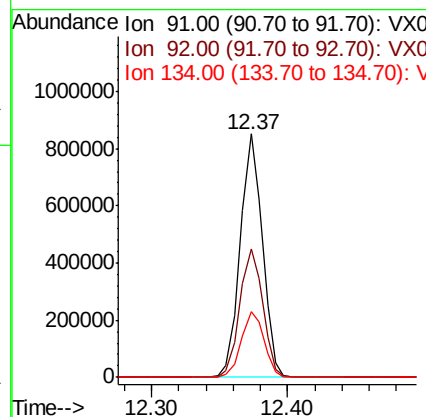
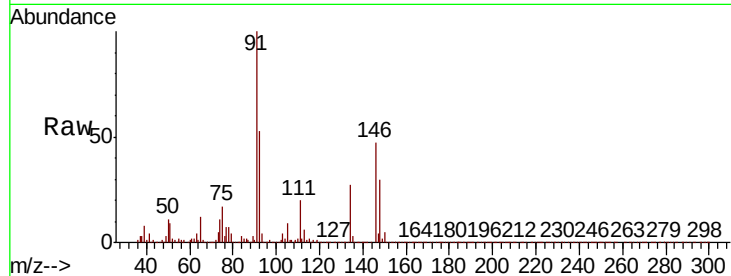
#89
n-Butylbenzene
Concen: 20.661 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.8	27.2	81.5	
134	27.7	13.4	40.2	

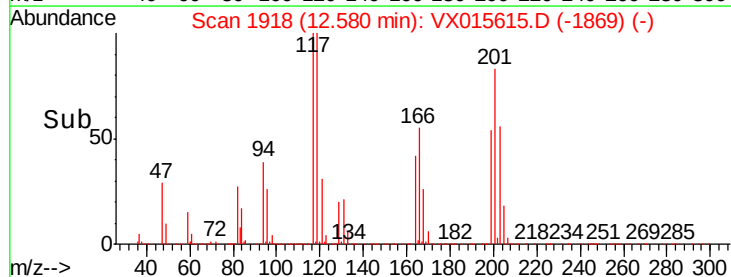
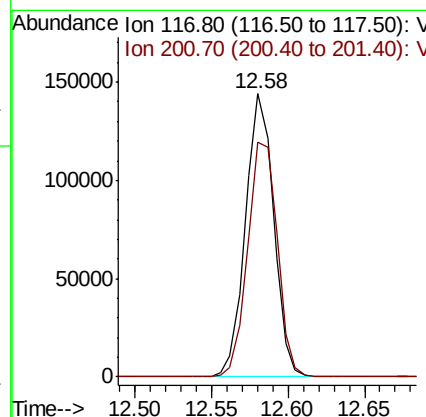
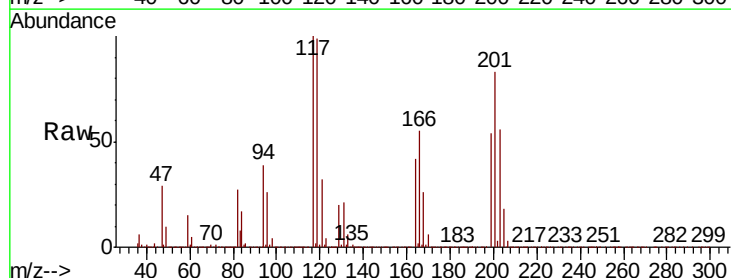
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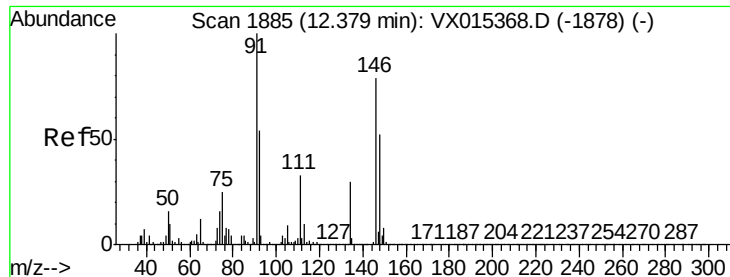
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#90
Hexachloroethane
Concen: 18.387 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.3	42.6	128.0	





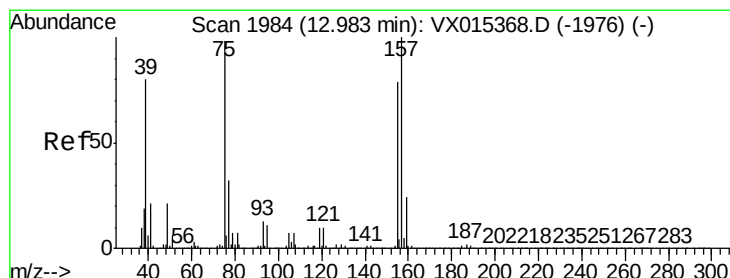
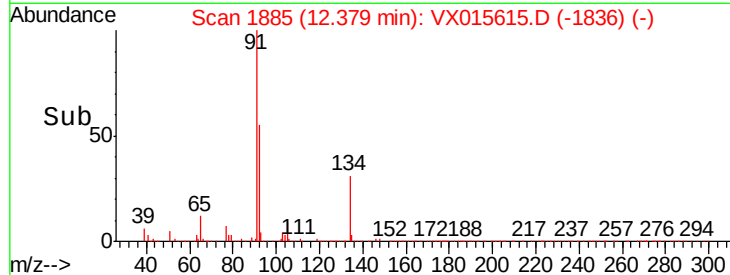
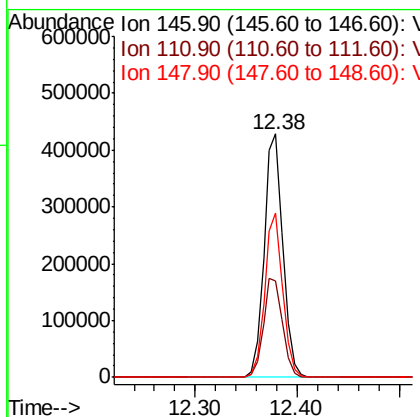
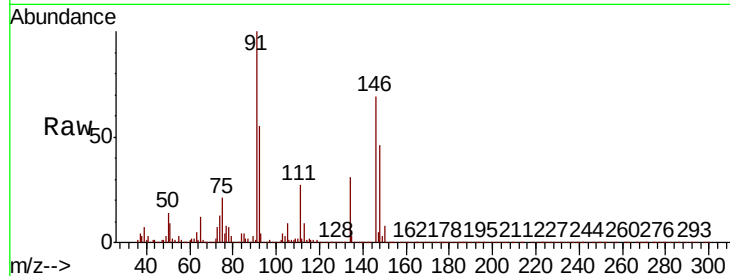
#91
 1,2-Dichlorobenzene
 Concen: 20.216 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	546474		
111	41.4	21.0	63.0	
148	64.9	32.4	97.0	

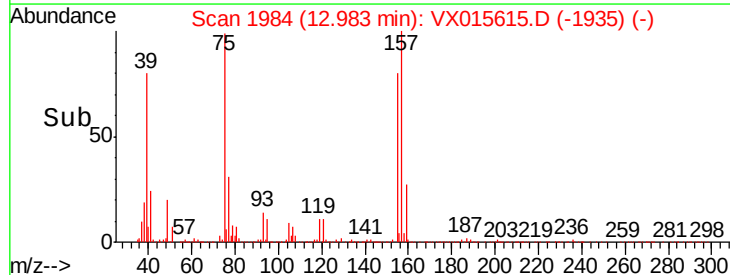
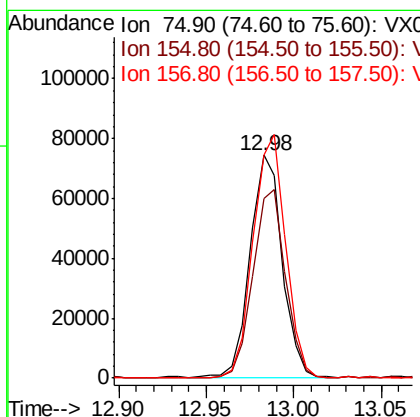
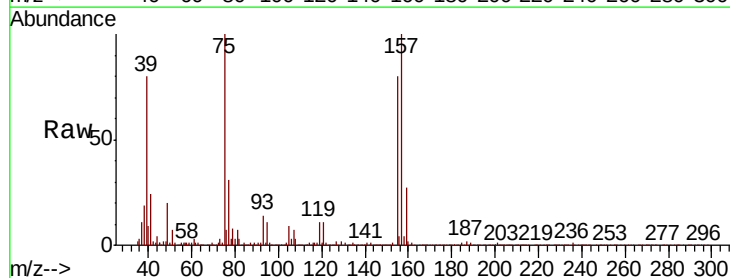
Manual Integrations
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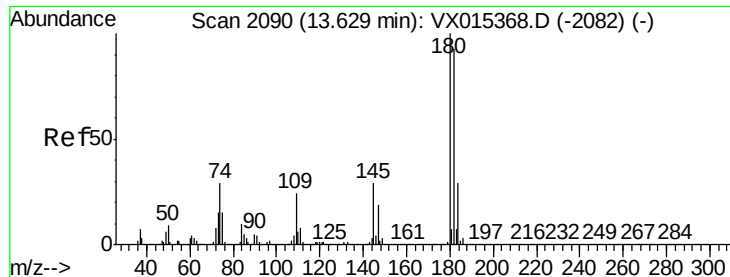
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.798 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	94110		
155	86.5	42.8	128.4	
157	110.9	53.4	160.3	





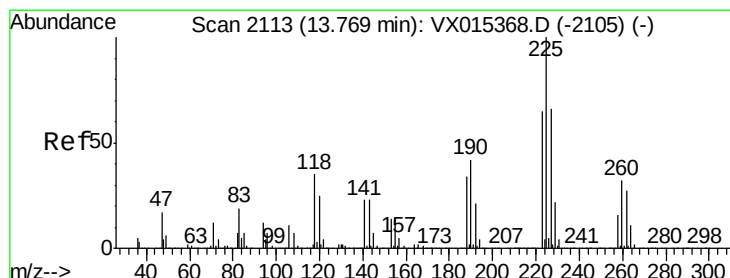
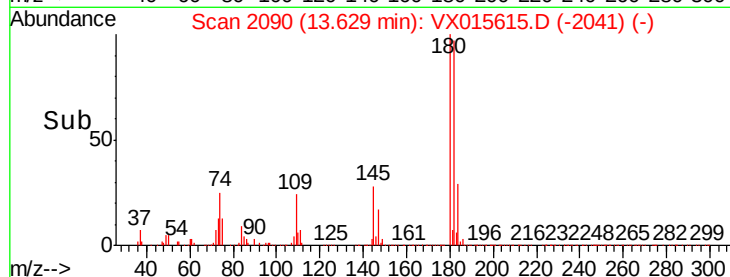
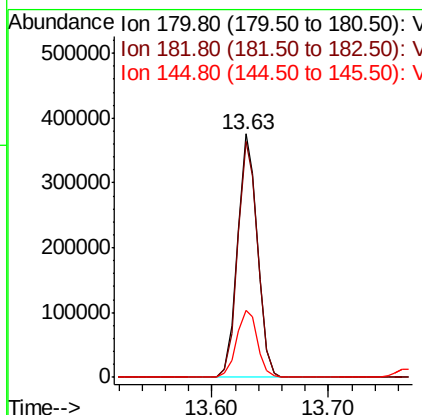
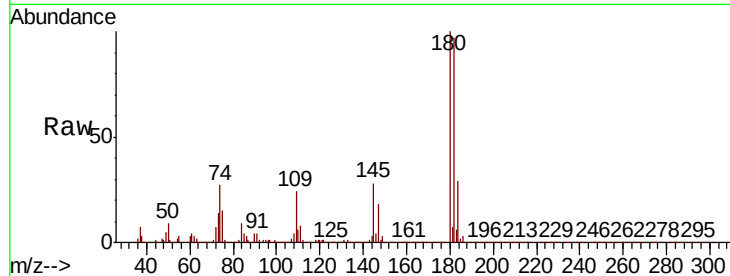
#93
 1,2,4-Trichlorobenzene
 Concen: 20.860 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.9	140.7
145	28.8	14.9	44.5

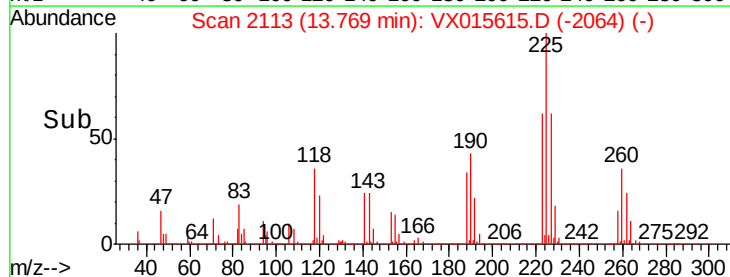
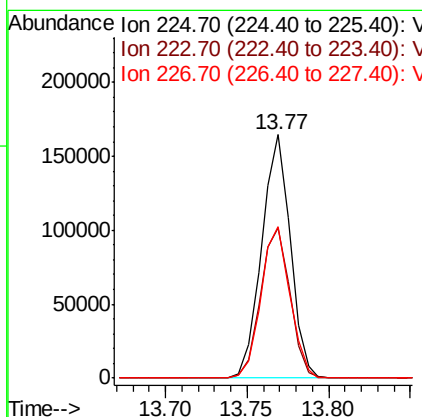
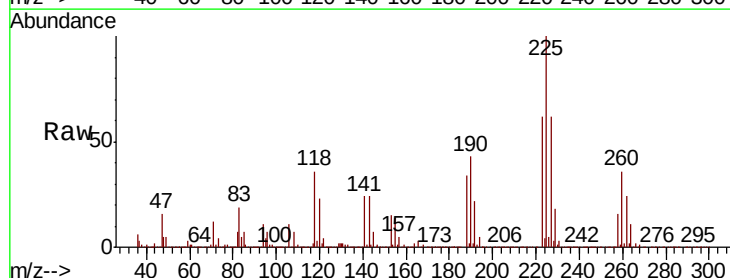
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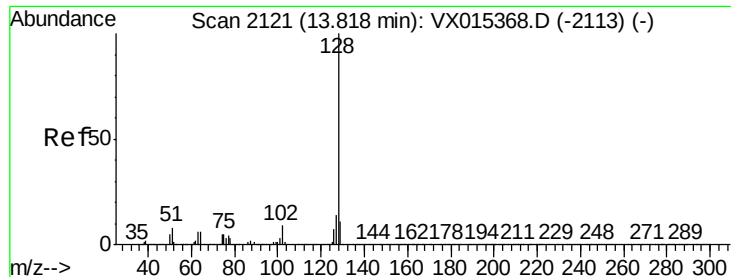
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#94
 Hexachlorobutadiene
 Concen: 19.616 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015615.D
 Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	63.2	30.4	91.3





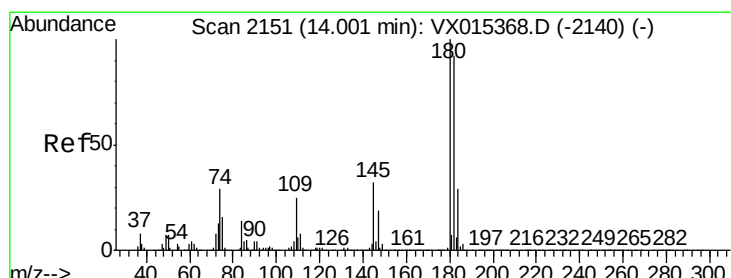
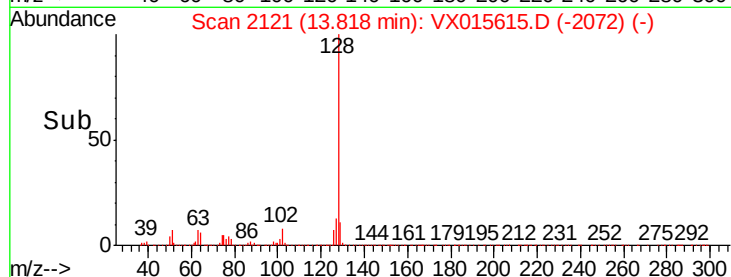
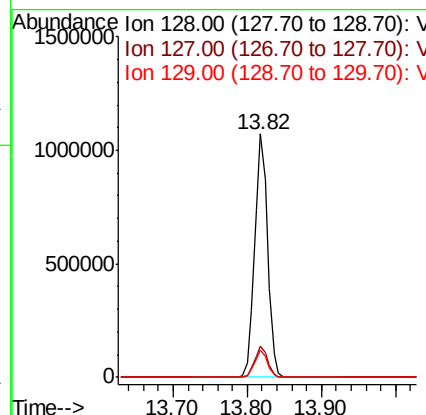
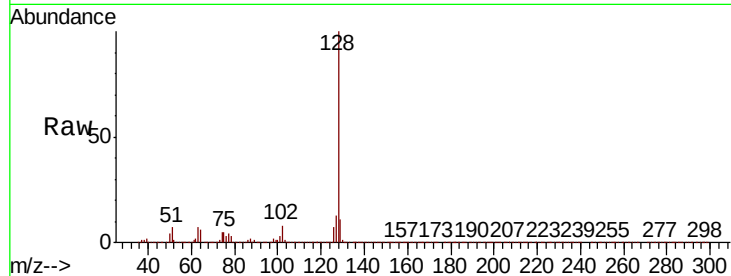
#95
Naphthalene
Concen: 20.089 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

apatel
4/13/2020 1:24:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.100 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015615.D
Acq: 10 Apr 2020 12:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	46.7	140.0
145	32.4	15.8	47.3

