

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015398.D
 Acq On : 27 Mar 2020 22:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 3/30/2020 3:00:06 PM

Quant Time: Mar 30 01:54:08 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	5.63	168	1055161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1683435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1538837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	795659	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	712109	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.47	113	526643	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.70	98	1905948	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.12	95	783784	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	510649	54.931	ug/l	98
3) Chloromethane	1.31	50	601401	50.800	ug/l	99
4) Vinyl Chloride	1.39	62	558530	51.381	ug/l	97
5) Bromomethane	1.62	94	256216	51.351	ug/l	95
6) Chloroethane	1.70	64	336610	49.928	ug/l	98
7) Trichlorofluoromethane	1.91	101	780617	53.547	ug/l	97
8) Diethyl Ether	2.17	74	293617	47.751	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	504371	53.072	ug/l	99
10) Methyl Iodide	2.49	142	552872	43.149	ug/l	100
11) Tert butyl alcohol	3.01	59	858407	240.986	ug/l	100
12) 1,1-Dichloroethene	2.36	96	519817	52.181	ug/l	97
13) Acrolein	2.27	56	385466	189.968	ug/l	98
14) Allyl chloride	2.71	41	1198053	51.470	ug/l	98
15) Acrylonitrile	3.12	53	1705465	251.058	ug/l	99
16) Acetone	2.42	43	1578347	246.863	ug/l	98
17) Carbon Disulfide	2.55	76	1558904	51.298	ug/l	99
18) Methyl Acetate	2.75	43	818320	50.147	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1964431	50.845	ug/l	100
20) Methylene Chloride	2.83	84	594022	49.741	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	564620	51.070	ug/l	98
22) Diisopropyl ether	3.83	45	2166772	52.533	ug/l	99
23) Vinyl Acetate	3.79	43	9720133	260.284	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1111798	51.196	ug/l	99
25) 2-Butanone	4.64	43	2551800	248.175	ug/l	98
26) 2,2-Dichloropropane	4.56	77	860718	48.286	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	650256	50.837	ug/l	97
28) Bromochloromethane	4.98	49	517064	49.868	ug/l	98
29) Tetrahydrofuran	5.09	42	1656841	250.649	ug/l	99
30) Chloroform	5.18	83	1068173	51.125	ug/l	96
31) Cyclohexane	5.55	56	1007319	53.470	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	983836	52.032	ug/l	98
36) 1,1-Dichloropropene	5.77	75	816801	52.660	ug/l	99
37) Ethyl Acetate	4.80	43	1006939	49.857	ug/l	99
38) Carbon Tetrachloride	5.76	117	873569	51.998	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	945580	52.872	ug/l	98
40) Benzene	6.12	78	2371721	52.199	ug/l	98
41) Methacrylonitrile	5.01	41	580537	51.781	ug/l	99
42) 1,2-Dichloroethane	6.17	62	943583	51.701	ug/l	99
43) Isopropyl Acetate	6.42	43	1740358	51.047	ug/l	100
44) Trichloroethene	7.19	130	624530	50.400	ug/l	100
45) 1,2-Dichloropropane	7.49	63	639632	51.461	ug/l	99
46) Dibromomethane	7.64	93	418500	51.328	ug/l	99
47) Bromodichloromethane	7.88	83	883697	50.865	ug/l	95
48) Methyl methacrylate	7.75	41	868785	51.017	ug/l	99
49) 1,4-Dioxane	7.72	88	324409	1021.173	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4982340	257.864	ug/l	99
52) Toluene	8.77	92	1484000	52.977	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1013340	49.733	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1064007	51.263	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	589230	51.341	ug/l	98
56) Ethyl methacrylate	9.16	69	1037032	51.271	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1033357	49.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2521637	256.310	ug/l	98
59) 2-Hexanone	9.48	43	3752202	257.223	ug/l	100
60) Dibromochloromethane	9.57	129	710050	51.487	ug/l	99
61) 1,2-Dibromoethane	9.65	107	634801	50.869	ug/l	100
64) Tetrachloroethene	9.32	164	566845	48.810	ug/l	96
65) Chlorobenzene	10.12	112	1576844	51.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	622617	50.783	ug/l	98
67) Ethyl Benzene	10.24	91	2866531	52.665	ug/l	99
68) m/p-Xylenes	10.34	106	2117899	104.495	ug/l	100
69) o-Xylene	10.68	106	1026767	51.267	ug/l	96
70) Styrene	10.70	104	1821825	51.694	ug/l	99
71) Bromoform	10.84	173	550177	49.294	ug/l #	96
73) Isopropylbenzene	11.00	105	2726654	52.302	ug/l	98
74) N-amyl acetate	10.89	43	1484162	51.186	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	906413	50.669	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	856869m	52.369	ug/l	
77) Bromobenzene	11.24	156	722723	51.972	ug/l	99
78) n-propylbenzene	11.35	91	3169577	53.170	ug/l	100
79) 2-Chlorotoluene	11.40	91	1933944	52.929	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2342936	52.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	336371	49.328	ug/l	98
82) 4-Chlorotoluene	11.49	91	2264413	52.865	ug/l	100
83) tert-Butylbenzene	11.76	119	2325848	53.480	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	2394491	52.775	ug/l	100
85) sec-Butylbenzene	11.93	105	2685056	53.383	ug/l	99
86) p-Isopropyltoluene	12.05	119	2482054	53.156	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1290615	51.844	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1315782	51.890	ug/l	97
89) n-Butylbenzene	12.37	91	2263515	53.643	ug/l	99
90) Hexachloroethane	12.58	117	485211	53.388	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1264495	51.903	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	241453	47.822	ug/l	98

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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	1003889	52.094	ug/l	99
94) Hexachlorobutadiene	13.77	225	445694	48.578	ug/l	99
95) Naphthalene	13.82	128	3093201	52.622	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	955742	51.513	ug/l	97

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

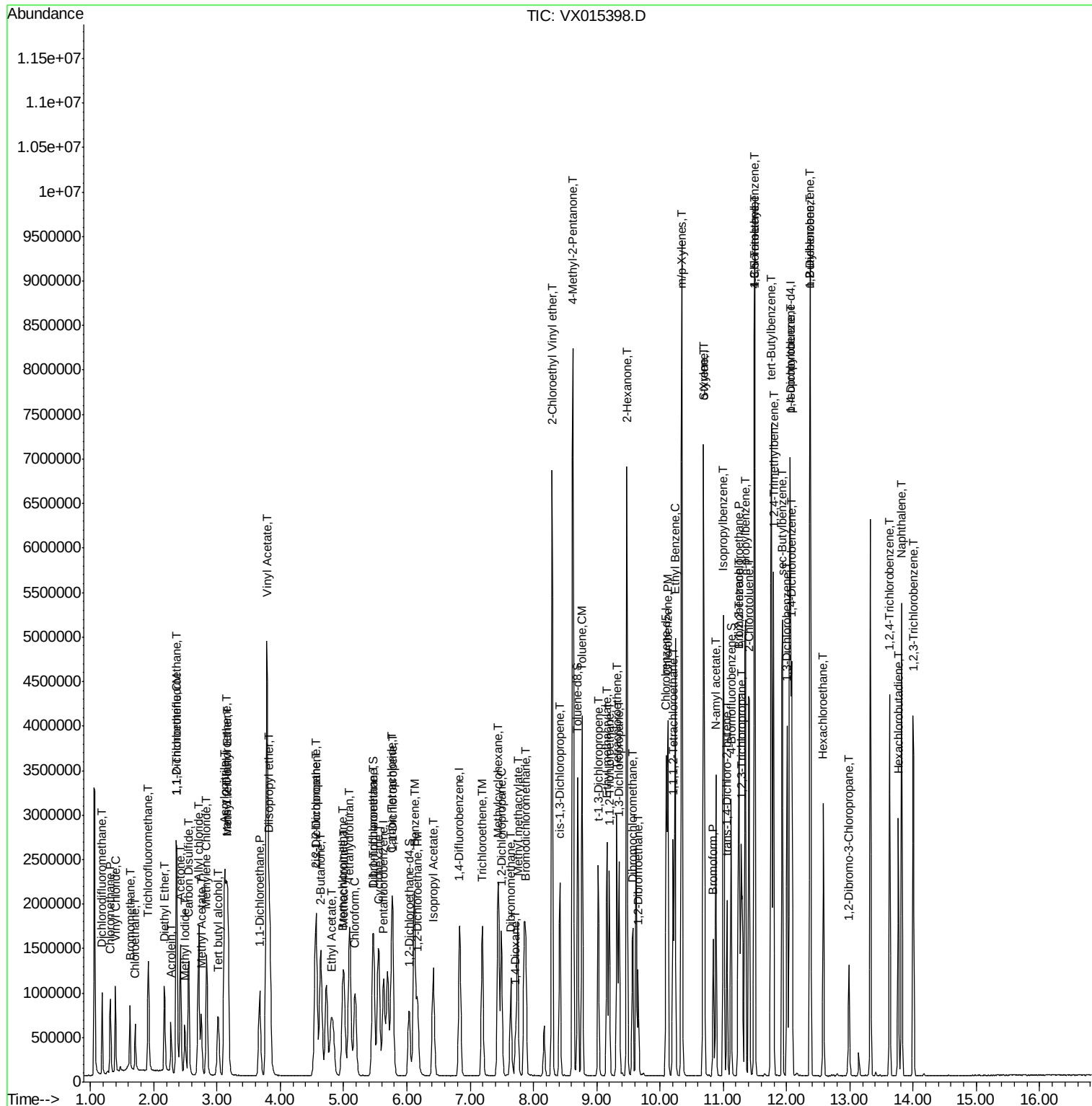
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032720\
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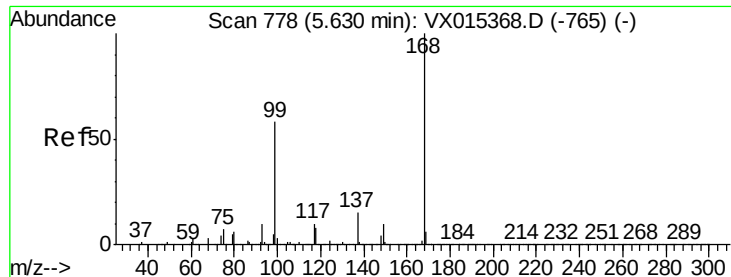
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1055161

Ion Ratio Lower Upper

168 100

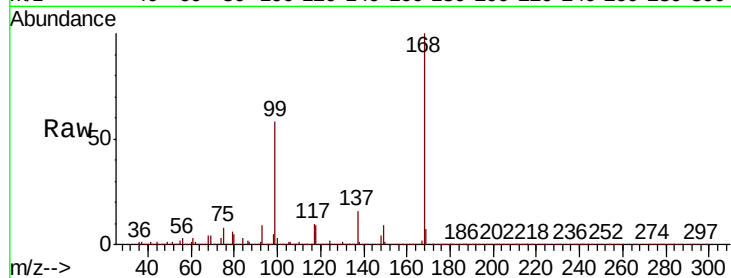
99 57.6 46.4 69.6

Manual Integrations

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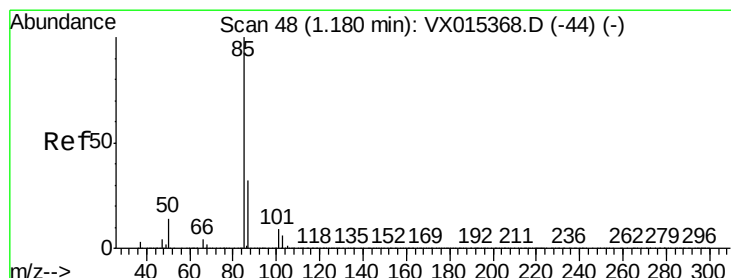
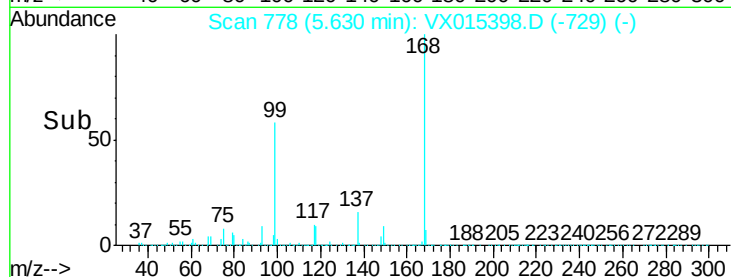
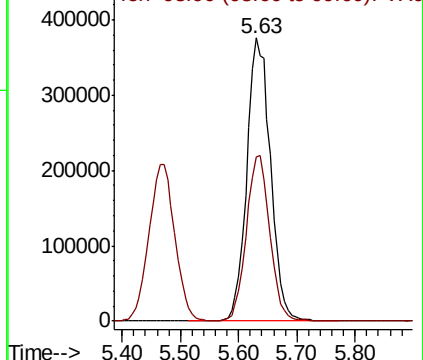
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.931 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015398.D

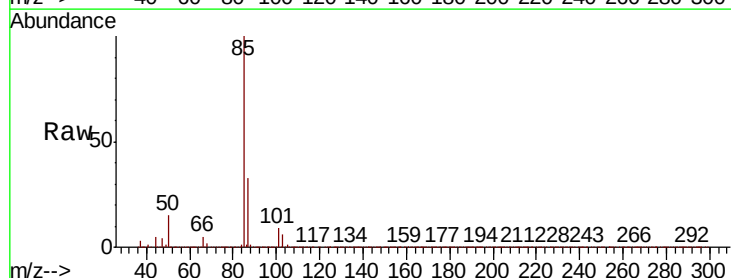
Acq: 27 Mar 2020 22:15

Tgt Ion: 85 Resp: 510649

Ion Ratio Lower Upper

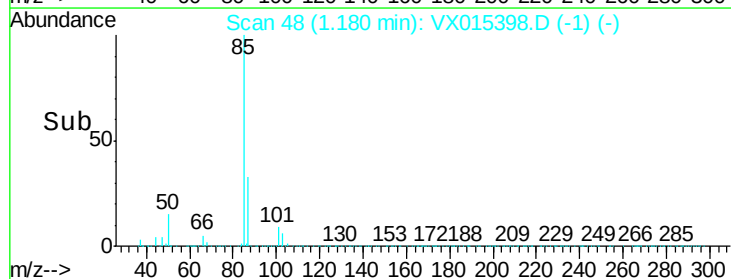
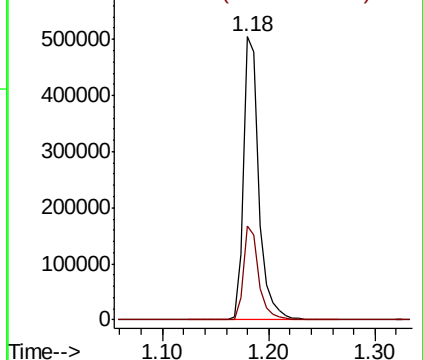
85 100

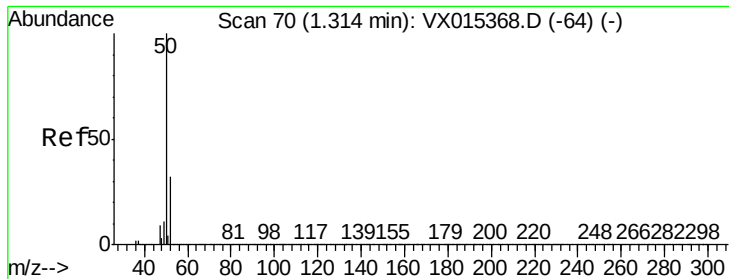
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.800 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 601401

Ion Ratio Lower Upper

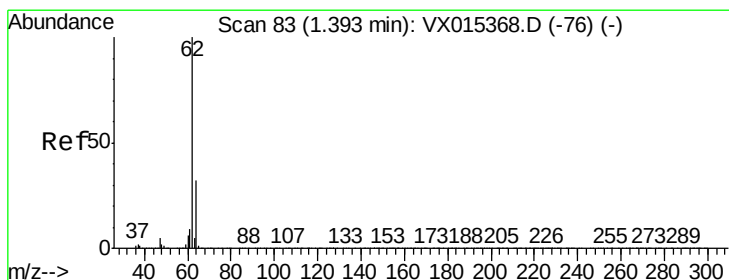
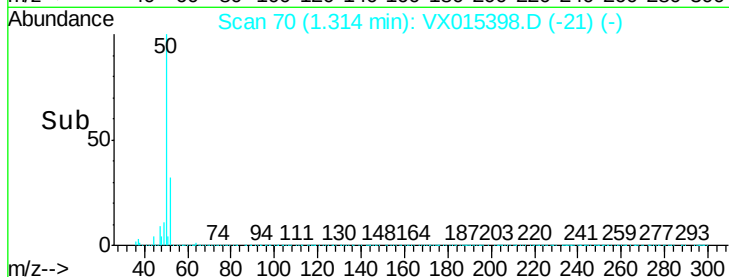
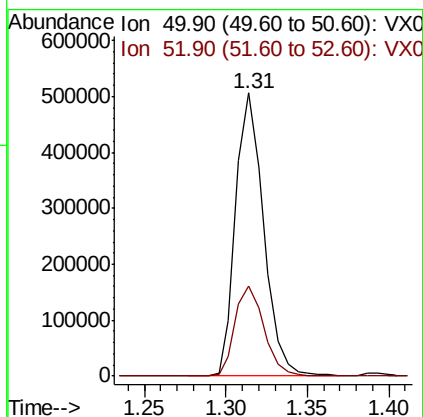
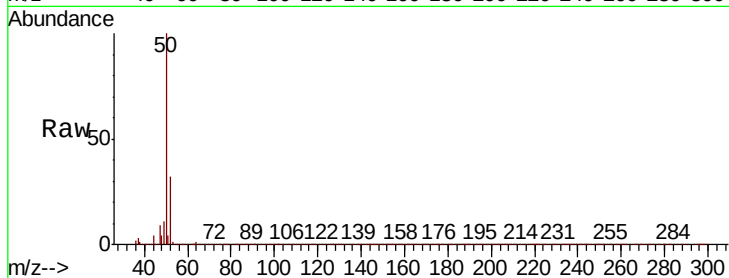
50 100

52 32.0 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 51.381 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015398.D

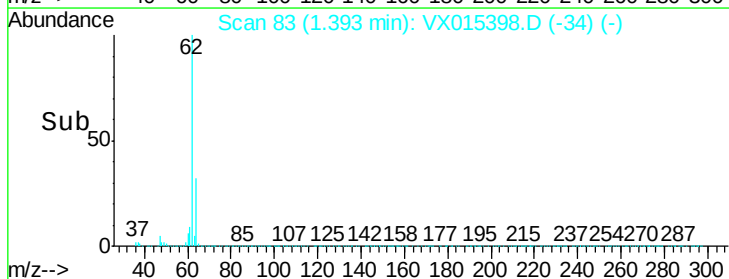
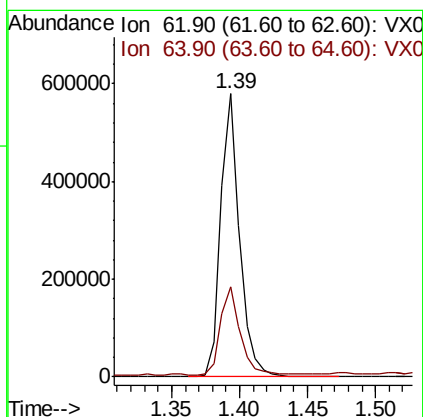
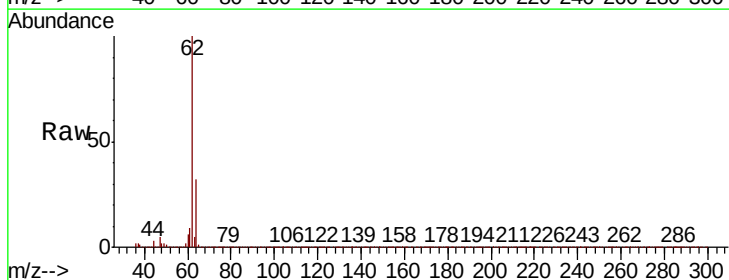
Acq: 27 Mar 2020 22:15

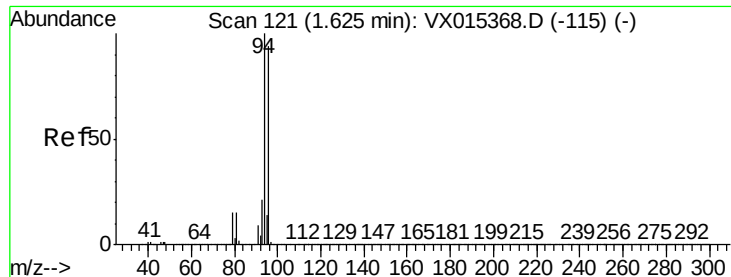
Tgt Ion: 62 Resp: 558530

Ion Ratio Lower Upper

62 100

64 31.0 26.0 39.0





#5

Bromomethane

Concen: 51.351 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 256216

Ion Ratio Lower Upper

94 100

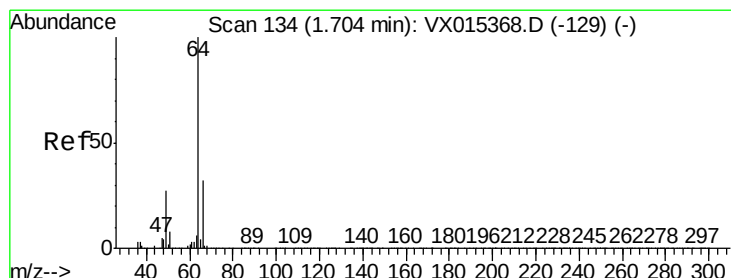
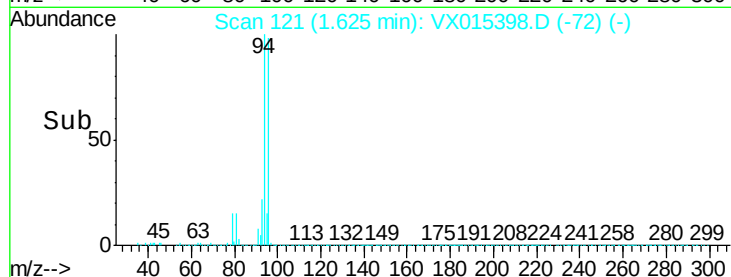
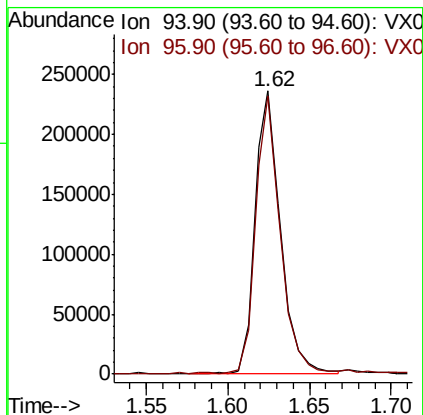
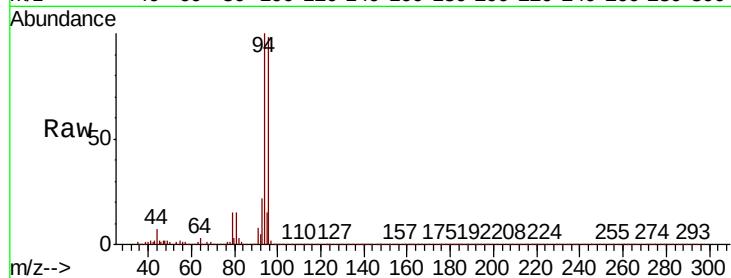
96 98.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 49.928 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015398.D

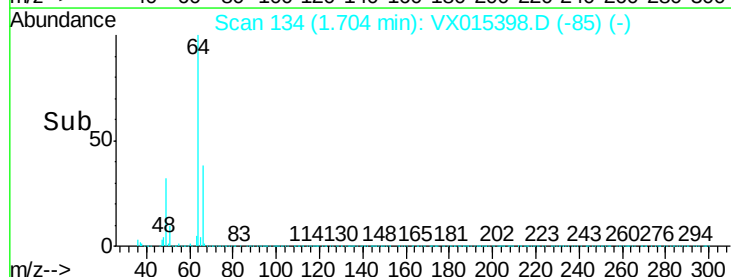
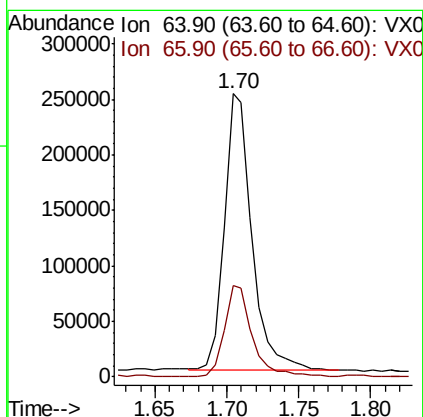
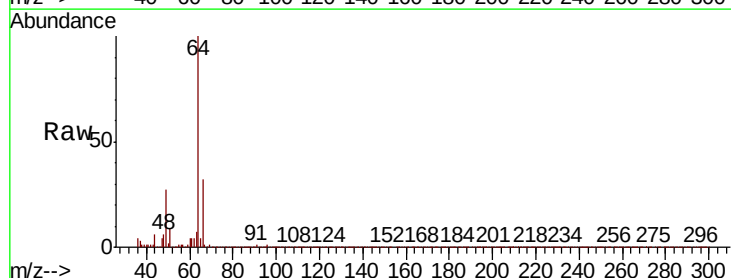
Acq: 27 Mar 2020 22:15

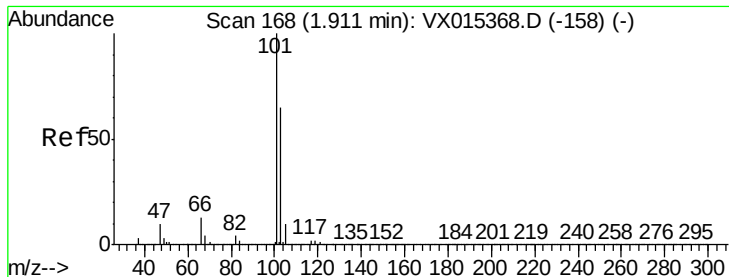
Tgt Ion: 64 Resp: 336610

Ion Ratio Lower Upper

64 100

66 32.9 25.4 38.2





#7

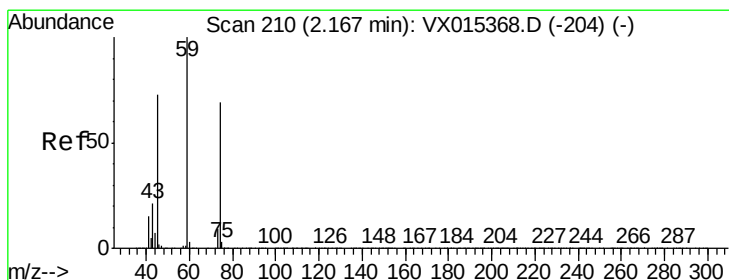
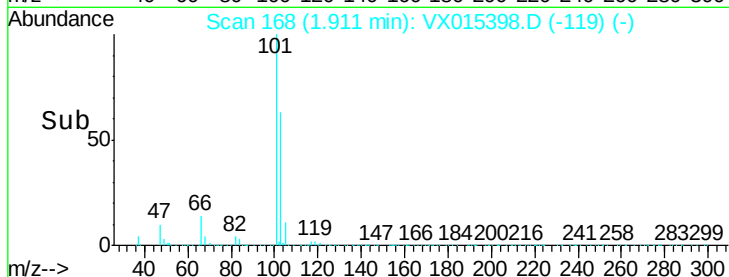
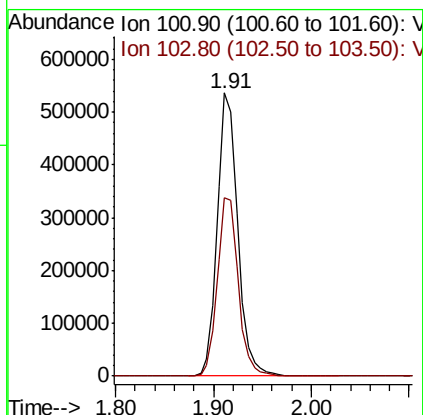
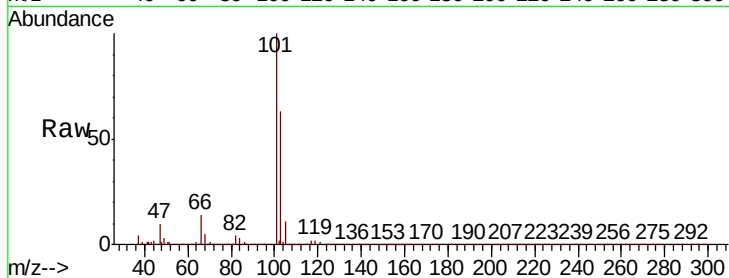
Trichlorofluoromethane
Concen: 53.547 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015398.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.3	78.5

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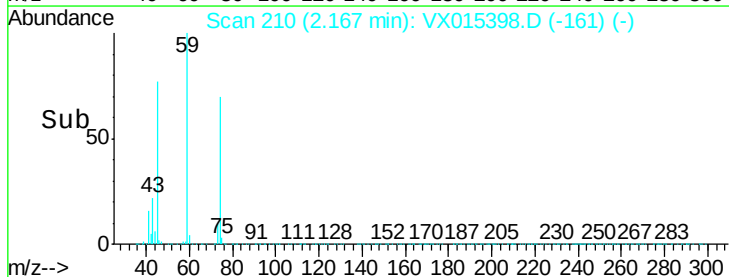
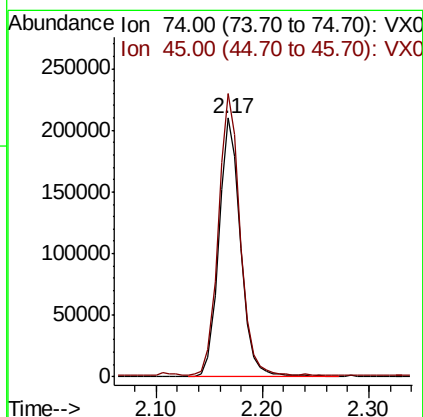
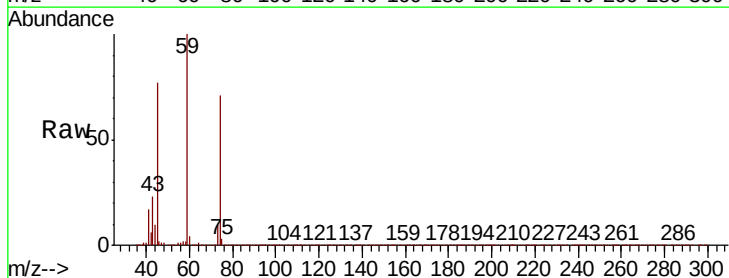
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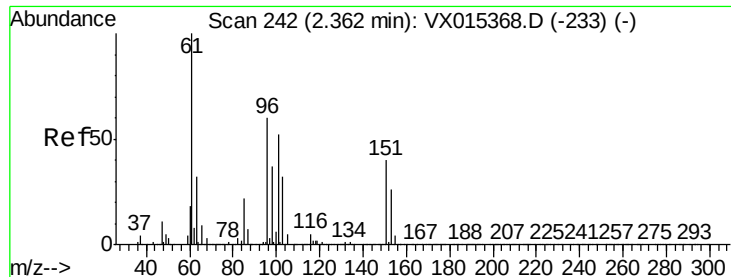


#8

Diethyl Ether
Concen: 47.751 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.072 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

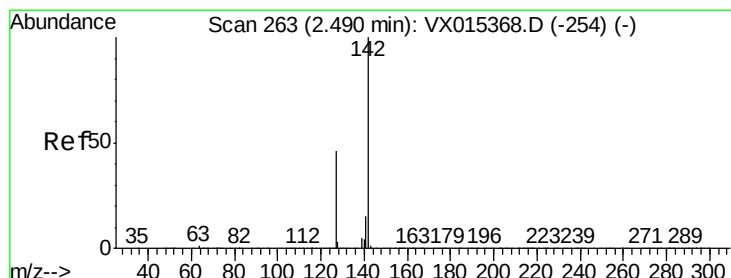
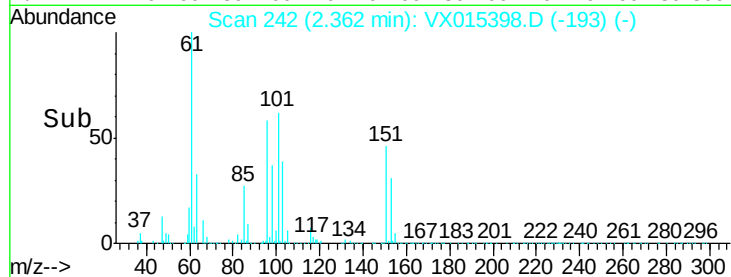
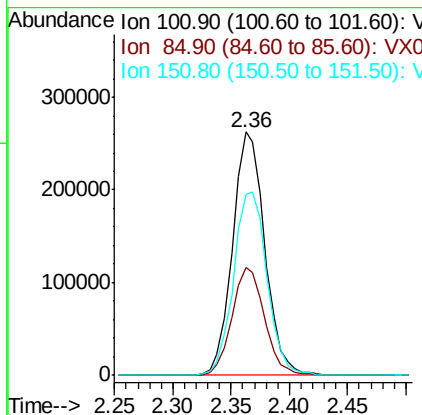
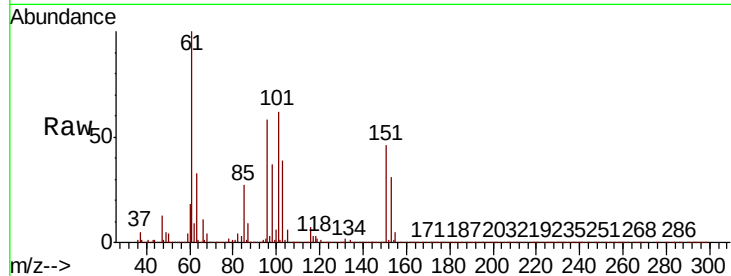
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	504371
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.0	52.4
151	78.8	64.1	96.1

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#10

Methyl Iodide

Concen: 43.149 ug/l

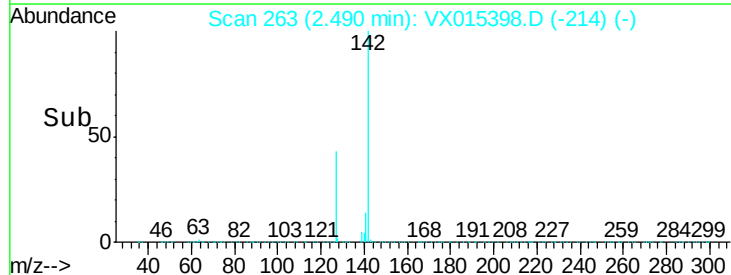
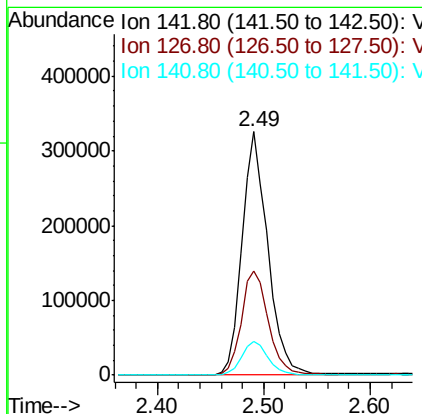
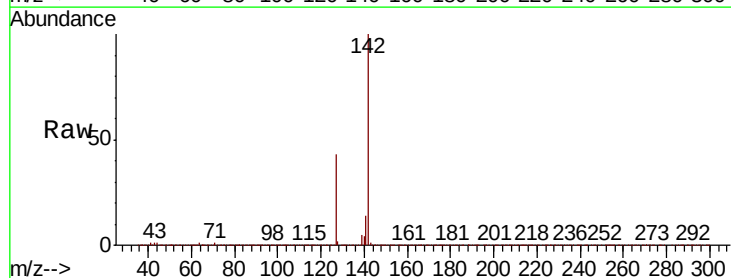
RT: 2.49 min Scan# 263

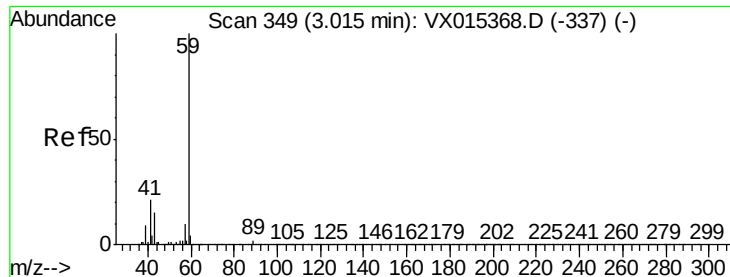
Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion:	142	Resp:	552872
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.9	53.9
141	14.4	11.6	17.4





#11

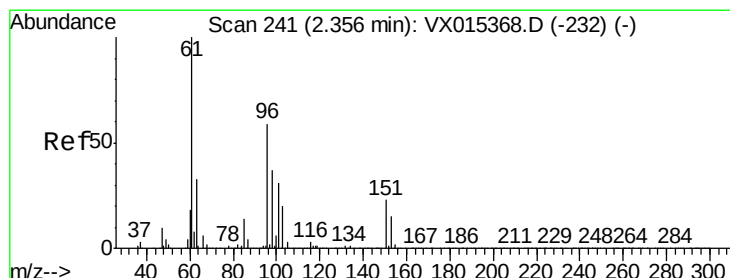
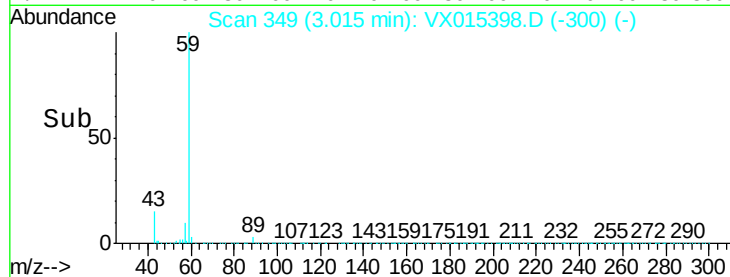
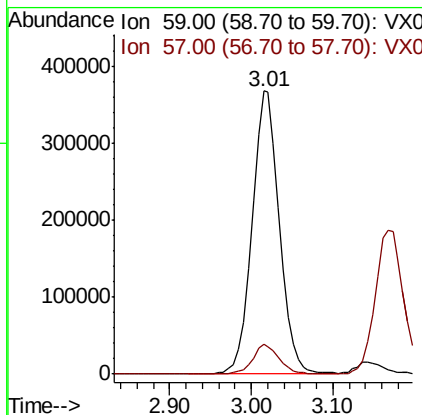
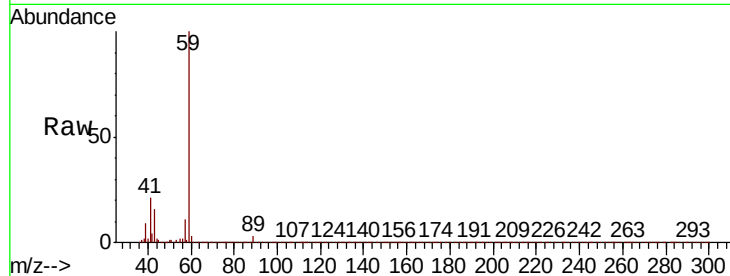
Tert butyl alcohol
Concen: 240.986 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

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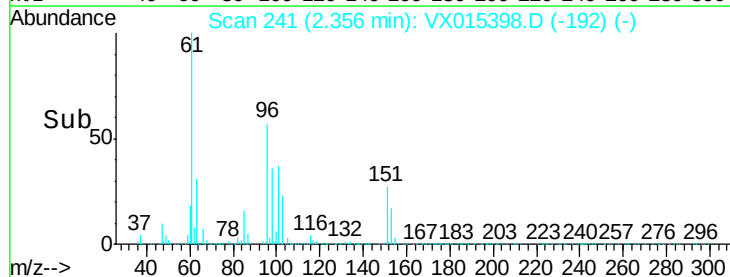
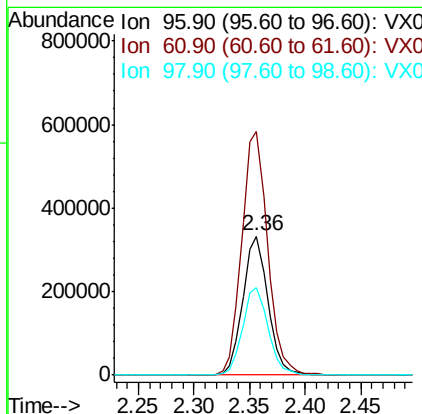
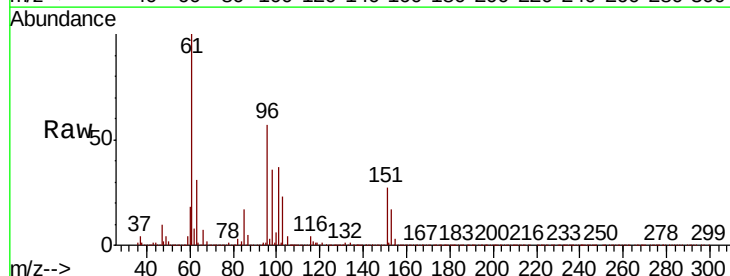
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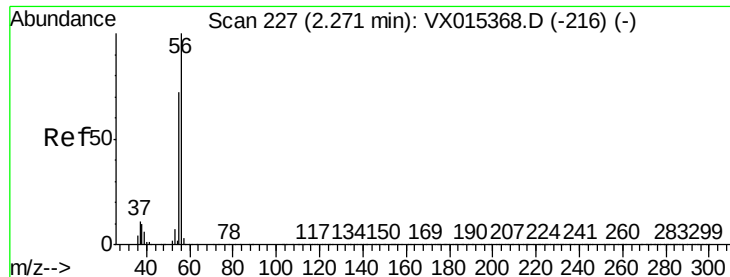


#12

1,1-Dichloroethene
Concen: 52.181 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.5	135.7	203.5
98	63.1	50.6	75.8





#13

Acrolein

Concen: 189.968 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 385466

Ion Ratio Lower Upper

56 100

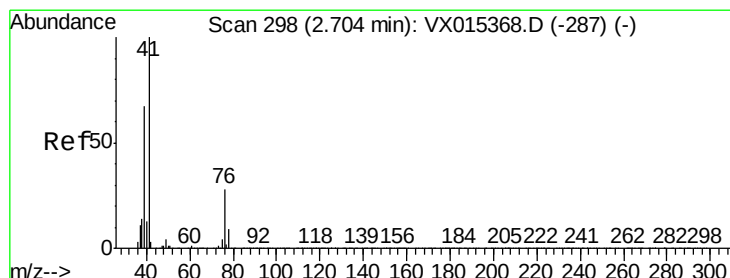
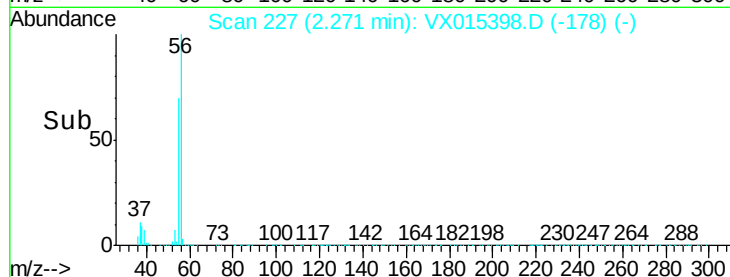
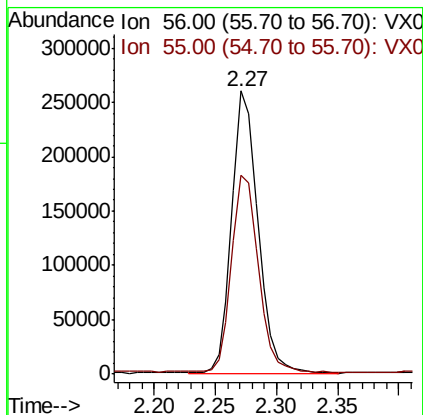
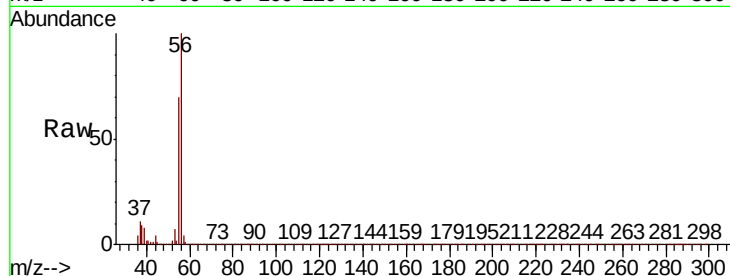
55 72.5 57.0 85.4

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#14

Allyl chloride

Concen: 51.470 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

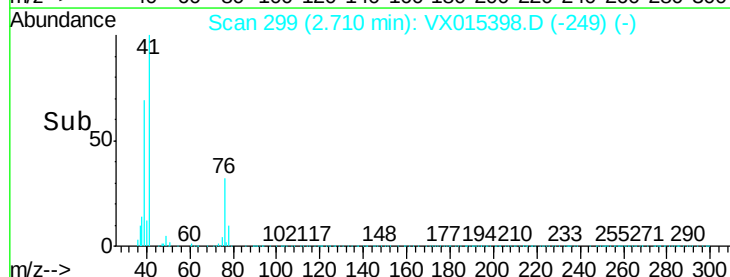
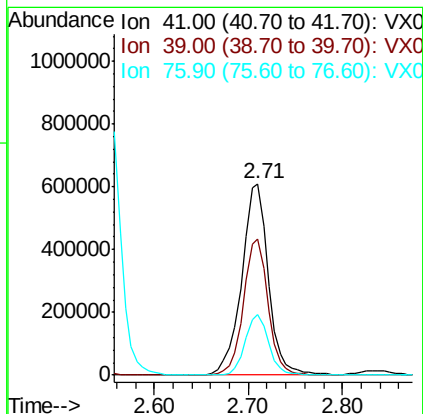
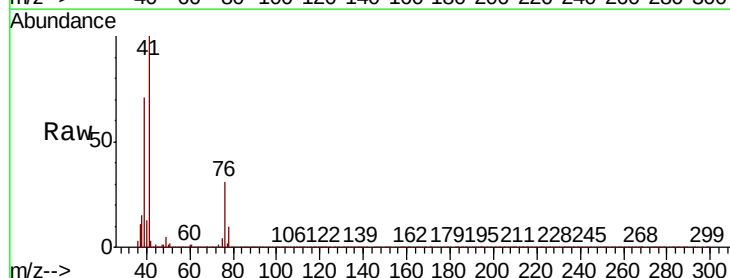
Tgt Ion: 41 Resp: 1198053

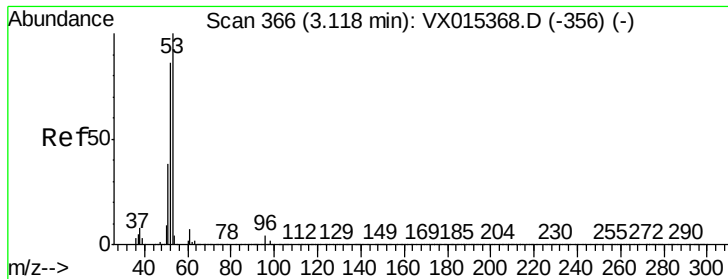
Ion Ratio Lower Upper

41 100

39 65.6 51.4 77.0

76 28.2 21.8 32.8





#15

Acrylonitrile

Concen: 251.058 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1705465

Ion Ratio Lower Upper

53 100

52 84.3 66.8 100.2

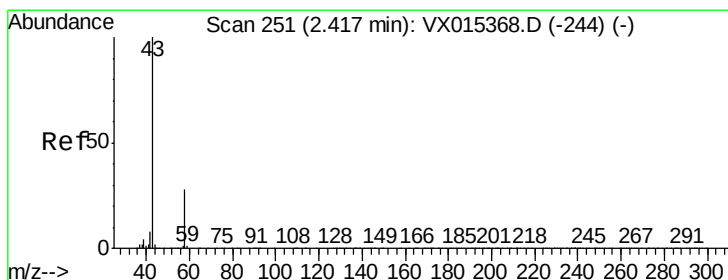
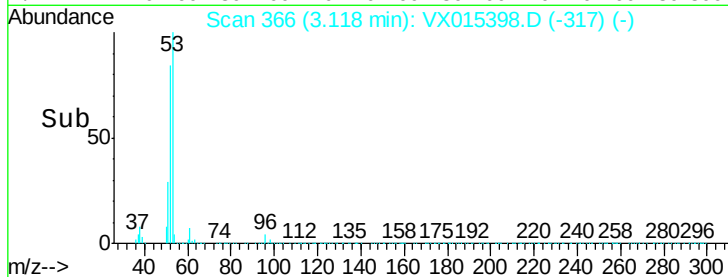
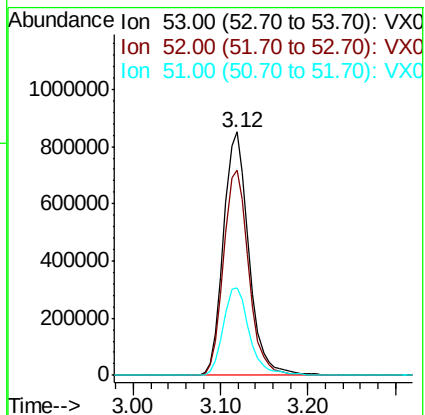
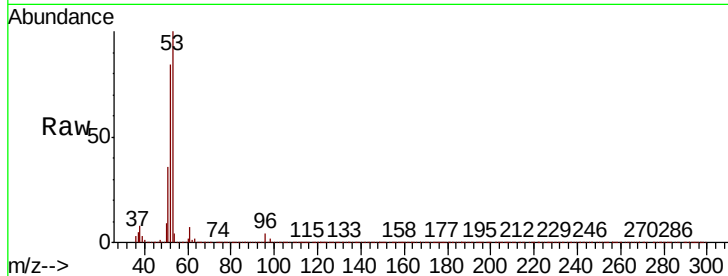
51 37.1 29.5 44.3

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#16

Acetone

Concen: 246.863 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015398.D

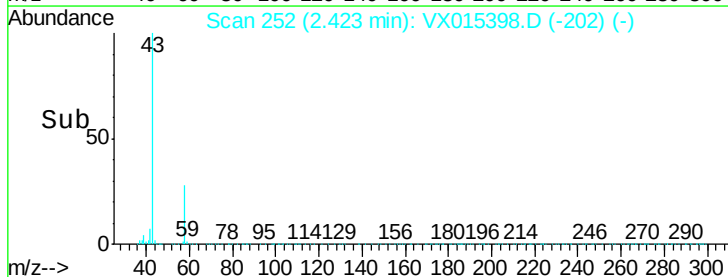
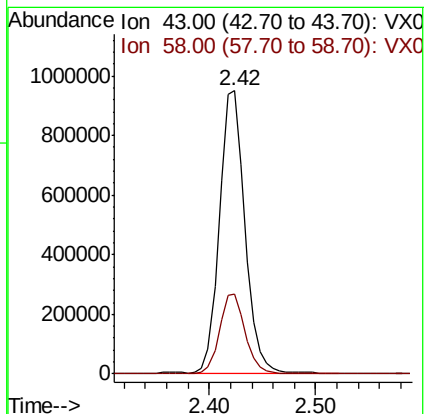
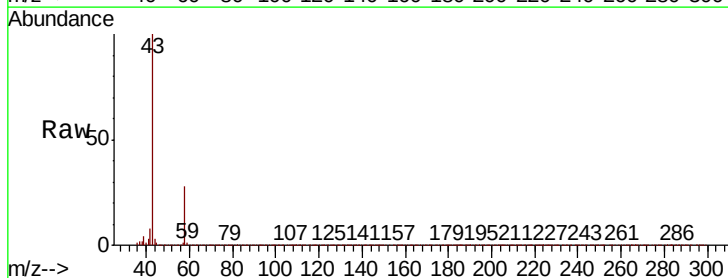
Acq: 27 Mar 2020 22:15

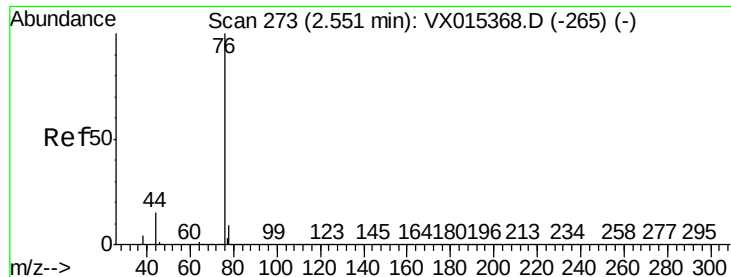
Tgt Ion: 43 Resp: 1578347

Ion Ratio Lower Upper

43 100

58 28.4 22.1 33.1





#17

Carbon Disulfide

Concen: 51.298 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1558904

Ion Ratio Lower Upper

76 100

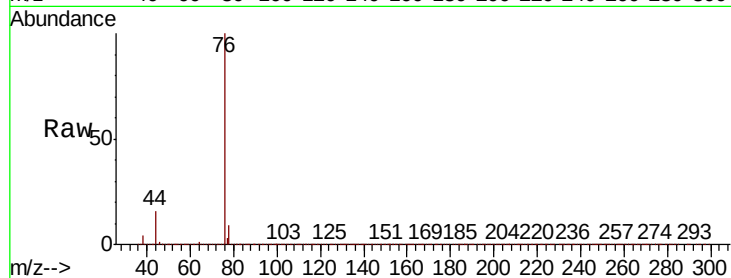
78 9.3 7.1 10.7

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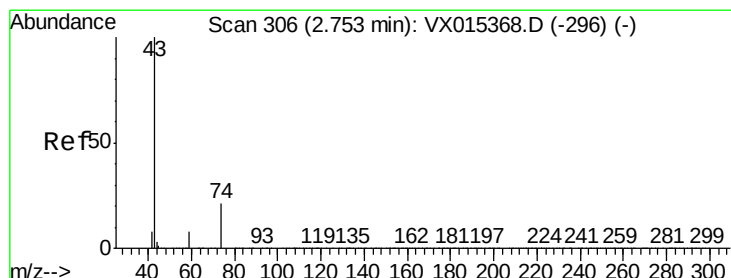
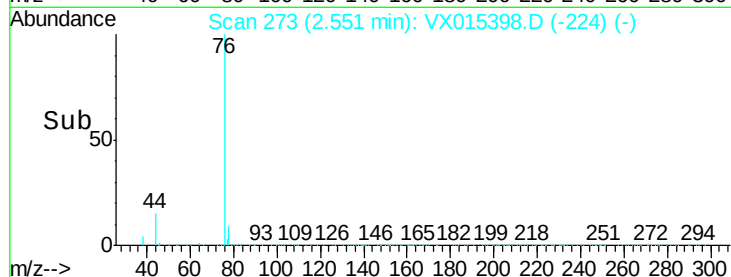
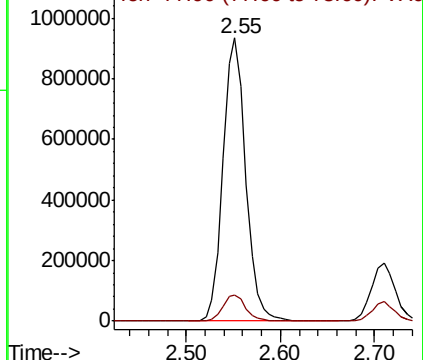
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.147 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015398.D

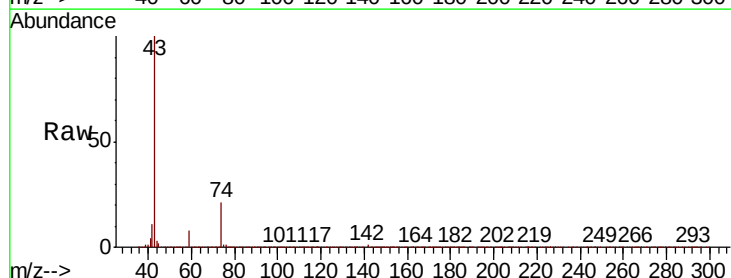
Acq: 27 Mar 2020 22:15

Tgt Ion: 43 Resp: 818320

Ion Ratio Lower Upper

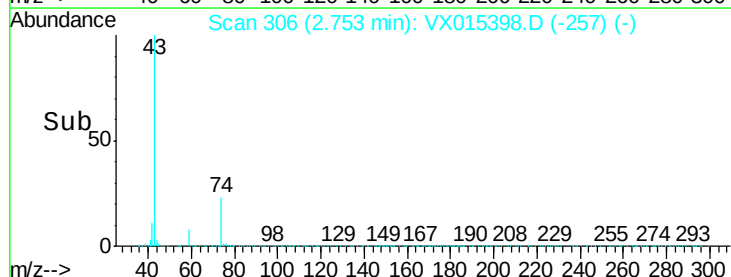
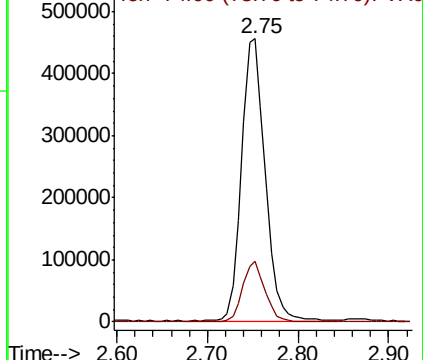
43 100

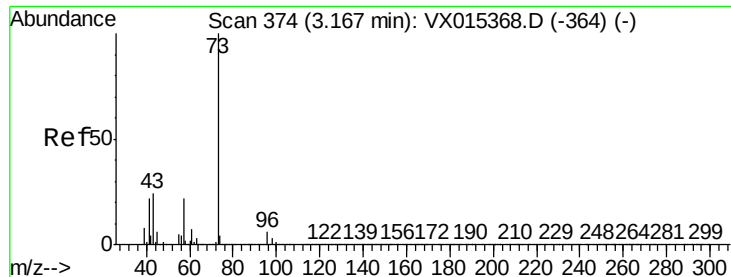
74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 50.845 ug/l

RT: 3.17 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

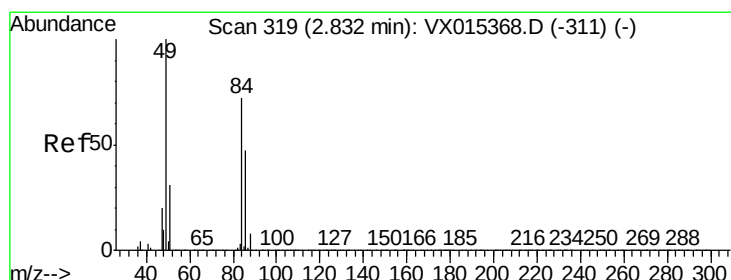
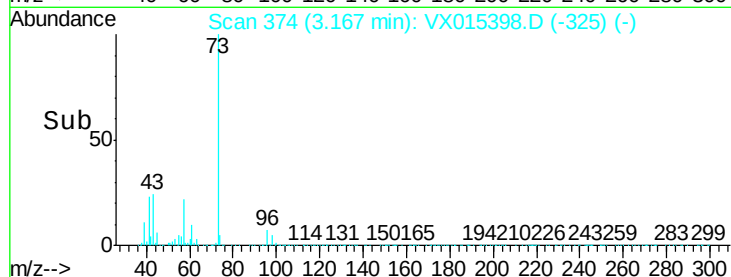
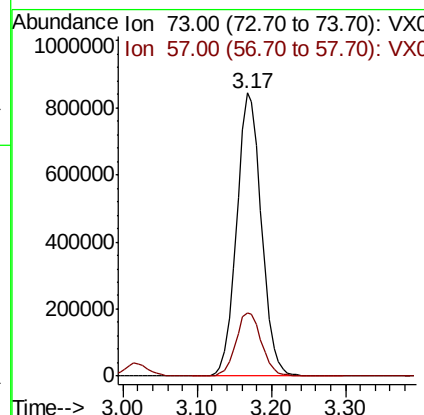
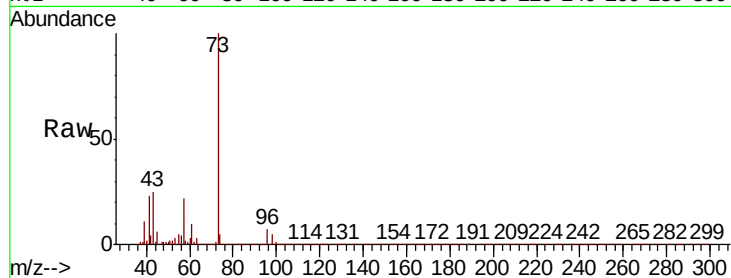
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1964431

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.9	26.9

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#20

Methylene Chloride

Concen: 49.741 ug/l

RT: 2.83 min Scan# 319

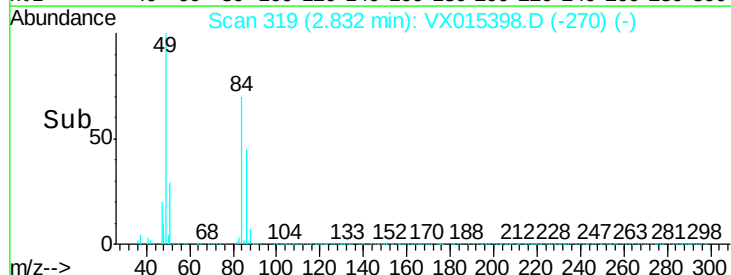
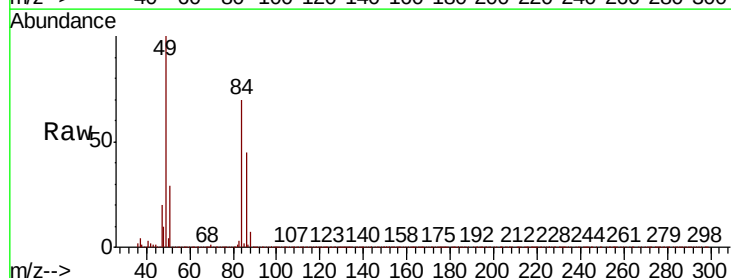
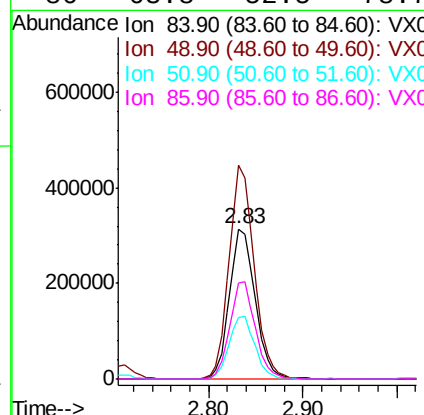
Delta R.T. -0.00 min

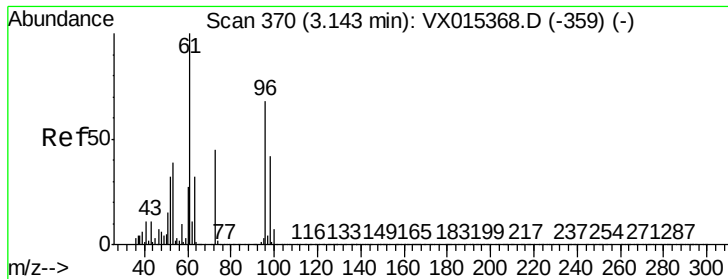
Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion: 84 Resp: 594022

Ion	Ratio	Lower	Upper
84	100		
49	142.5	111.3	166.9
51	40.9	34.0	51.0
86	63.8	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 51.070 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

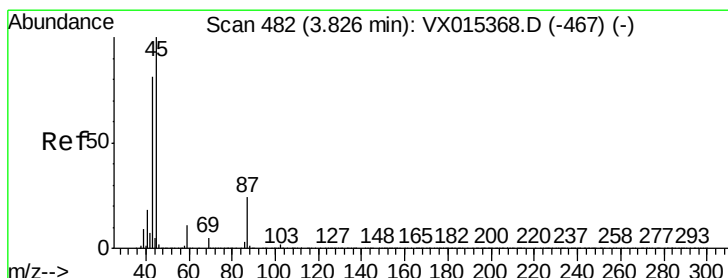
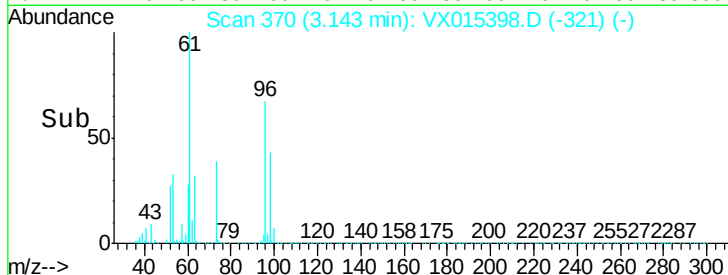
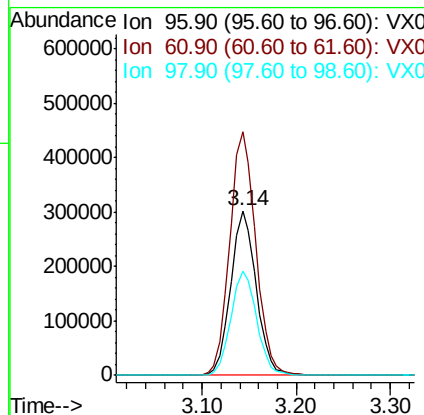
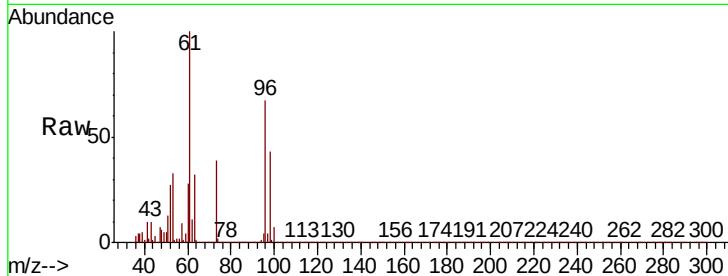
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	564620
Ion	Ratio	Lower	Upper
96	100		
61	148.2	116.9	175.3
98	63.0	48.6	73.0

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#22

Diisopropyl ether

Concen: 52.533 ug/l

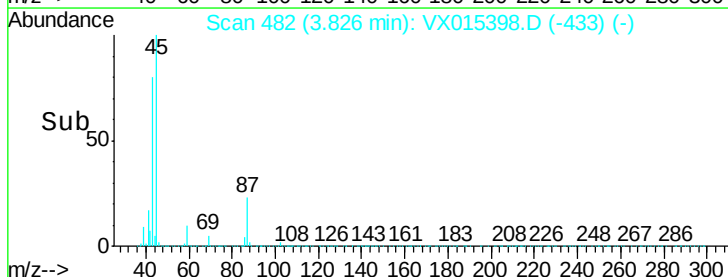
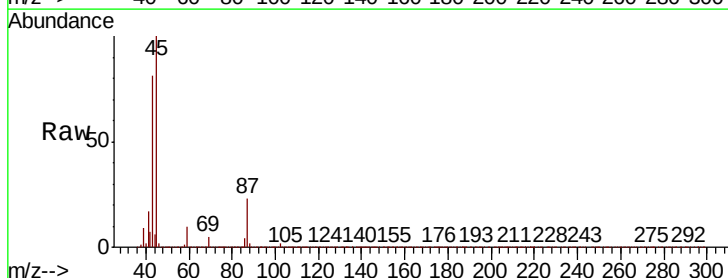
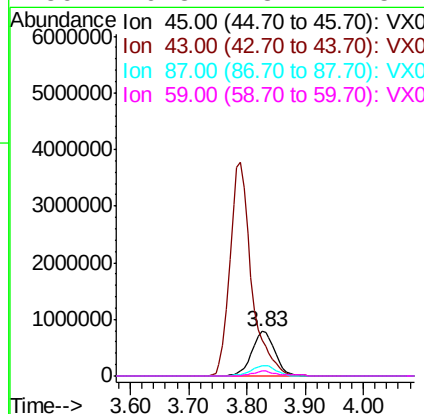
RT: 3.83 min Scan# 482

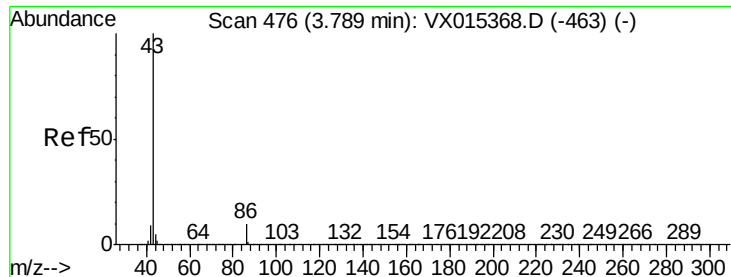
Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion:	45	Resp:	2166772
Ion	Ratio	Lower	Upper
45	100		
43	80.4	64.7	97.1
87	23.3	19.4	29.0
59	10.3	8.7	13.1





#23

Vinyl Acetate

Concen: 260.284 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9720133

Ion Ratio Lower Upper

43 100

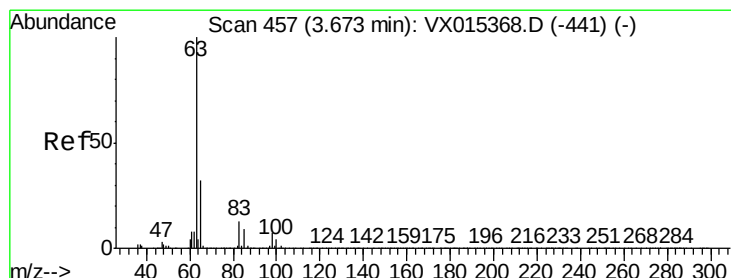
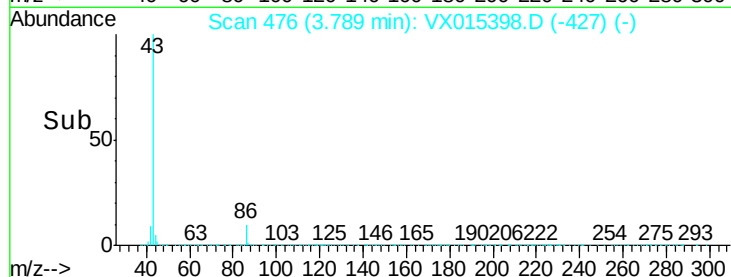
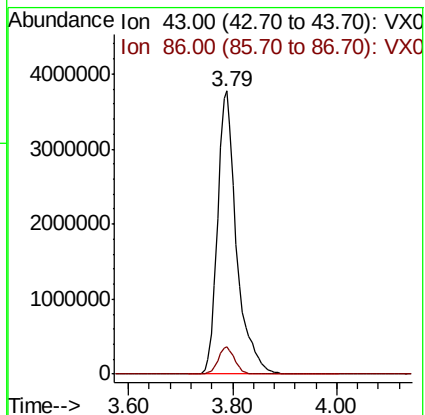
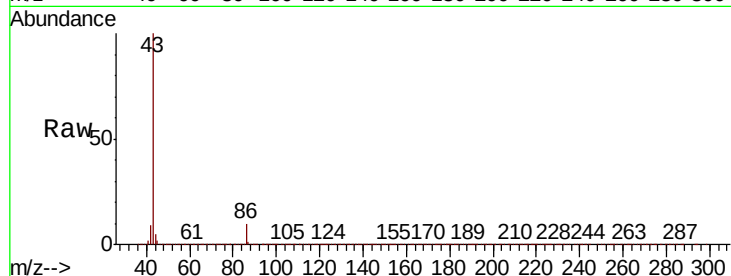
86 9.8 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 51.196 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

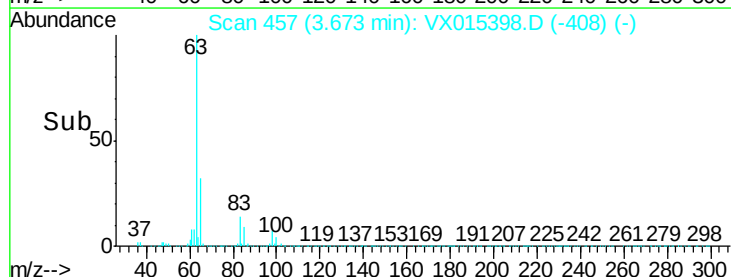
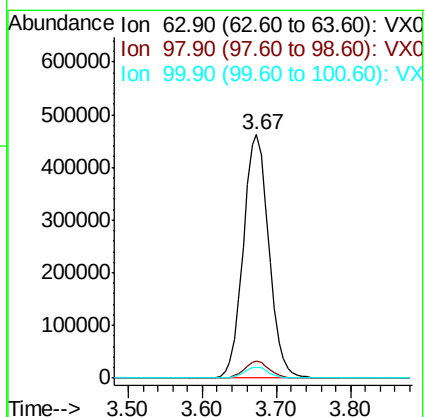
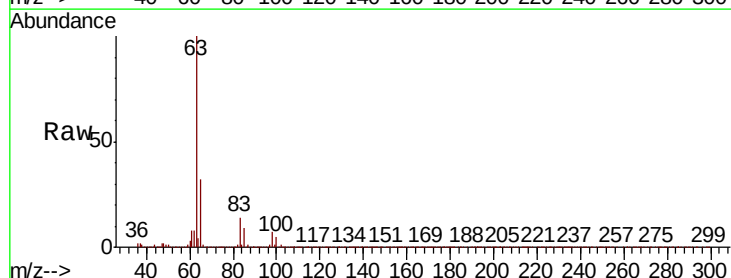
Tgt Ion: 63 Resp: 1111798

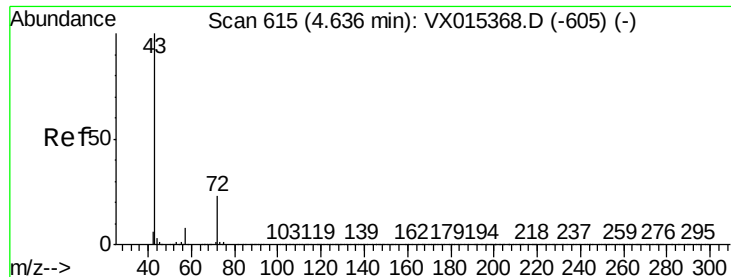
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 248.175 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2551800

Ion Ratio Lower Upper

43 100

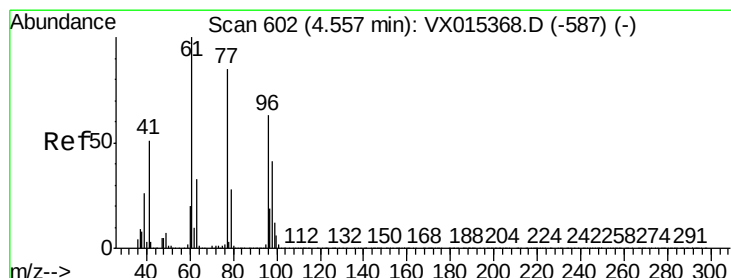
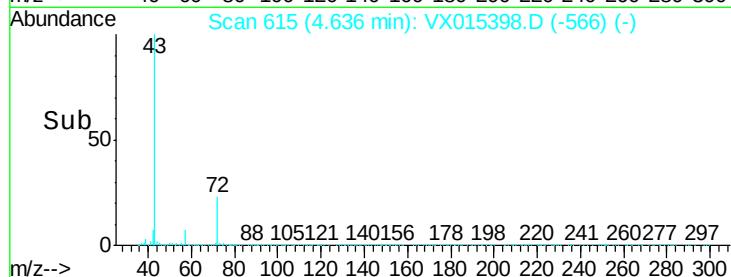
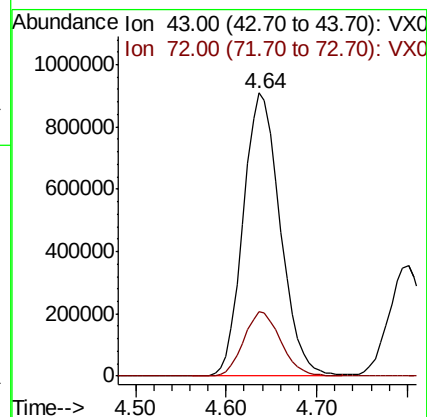
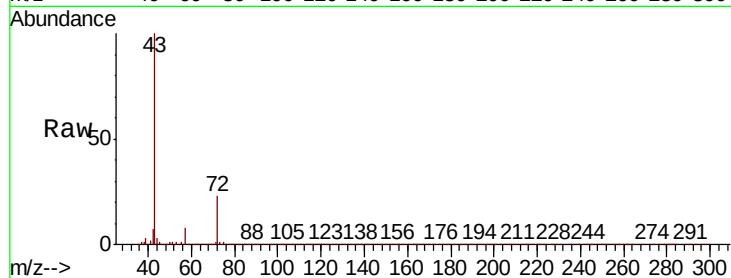
72 22.9 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.286 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015398.D

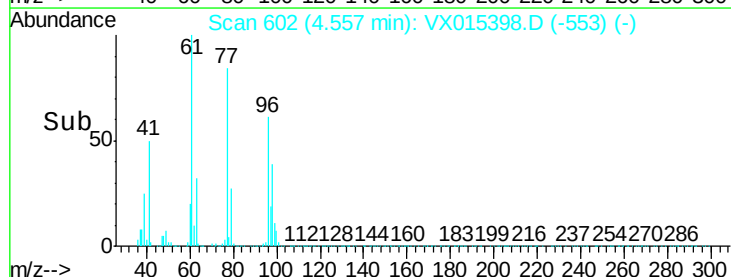
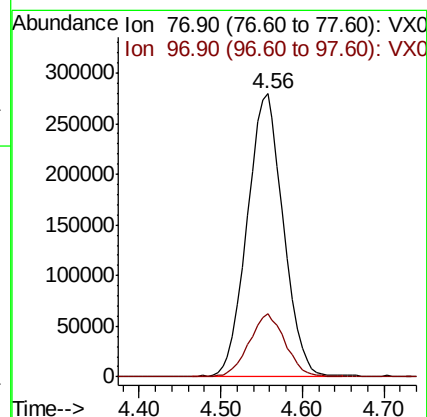
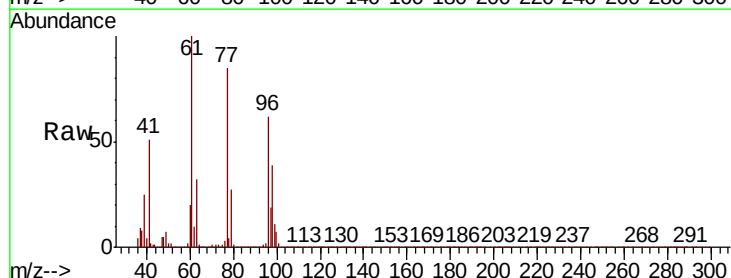
Acq: 27 Mar 2020 22:15

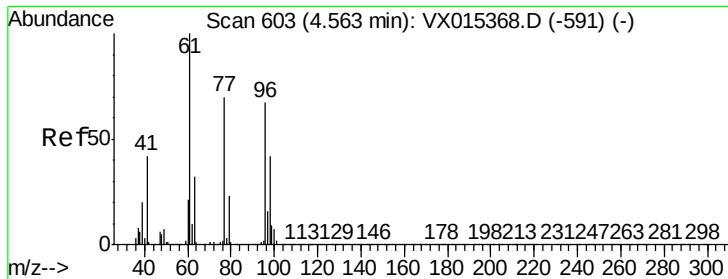
Tgt Ion: 77 Resp: 860718

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

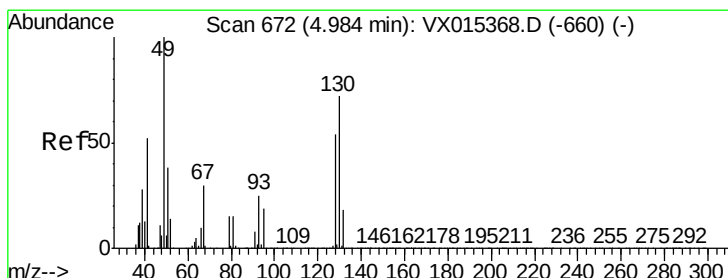
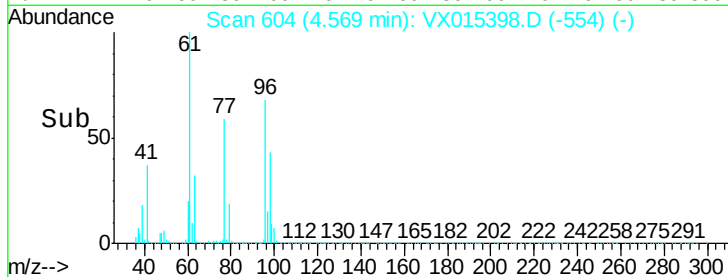
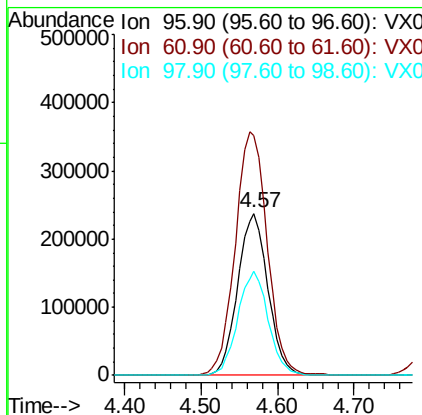
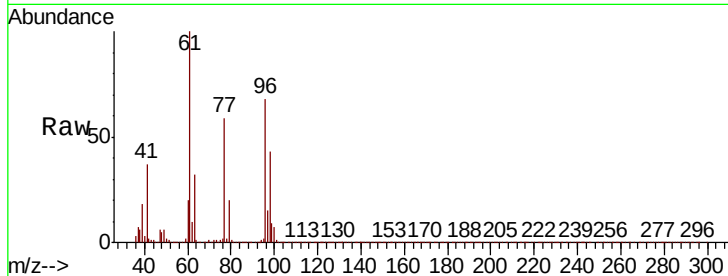
cis-1,2-Dichloroethene
Concen: 50.837 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	650256		
61	158.9		0.0	308.4
98	64.5		0.0	129.2

Manual Integrations
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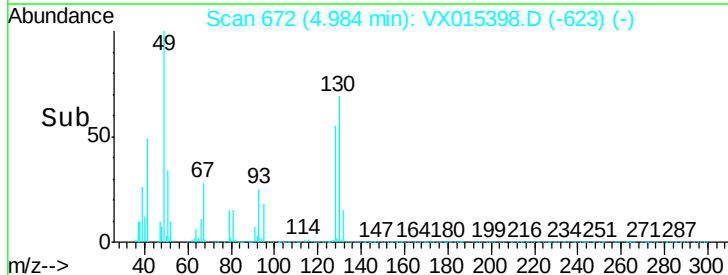
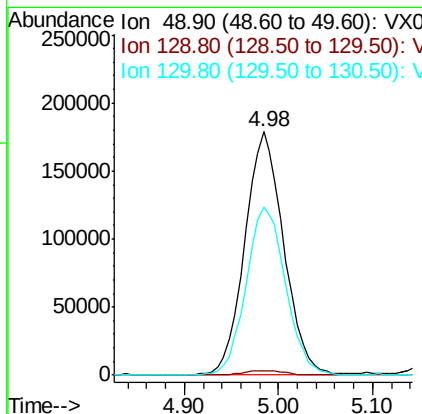
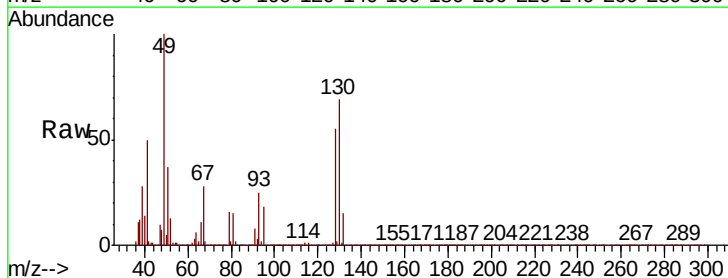
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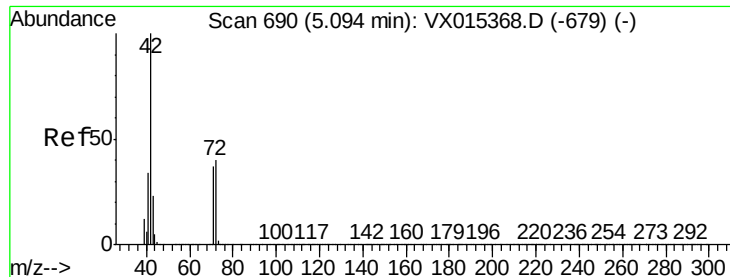


#28

Bromochloromethane
Concen: 49.868 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	517064		
129	2.2		0.0	4.4
130	70.3		57.7	86.5





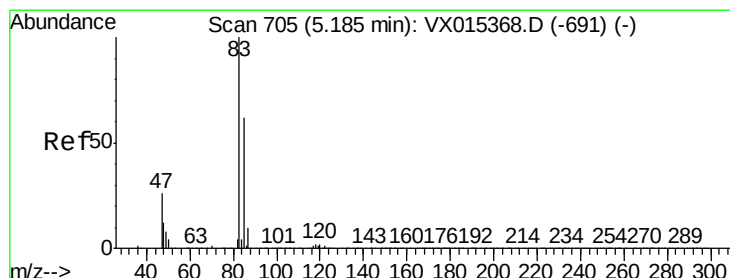
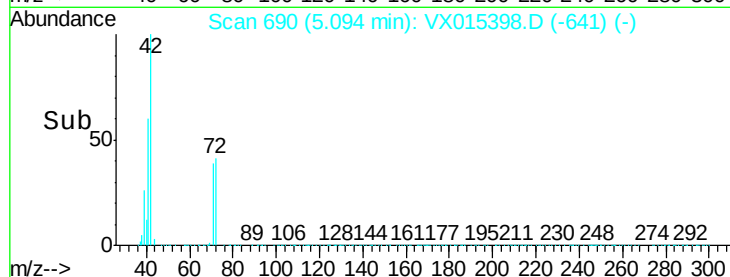
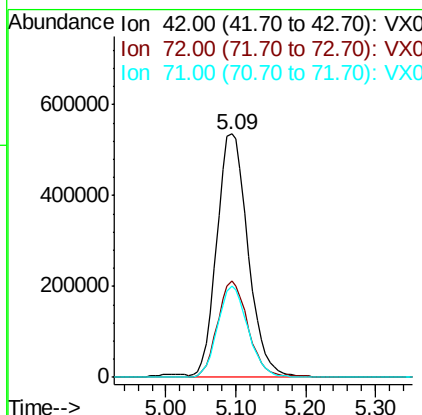
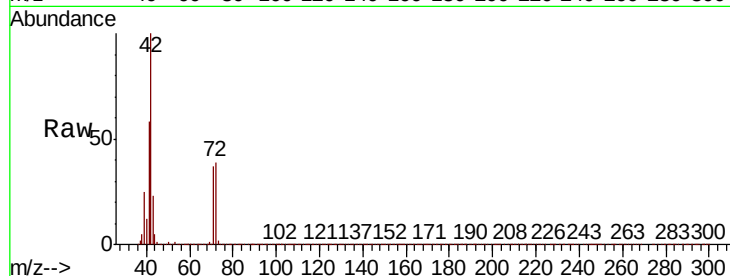
#29
Tetrahydrofuran
Concen: 250.649 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.9	31.7	47.5
71	36.4	29.6	44.4

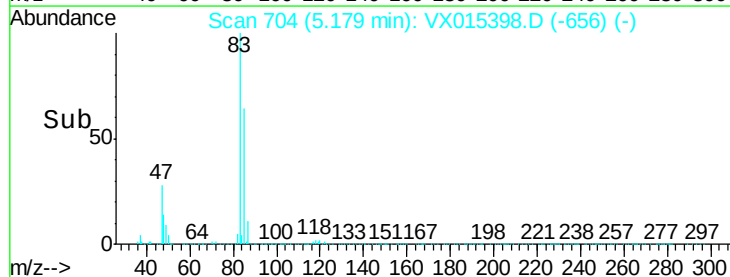
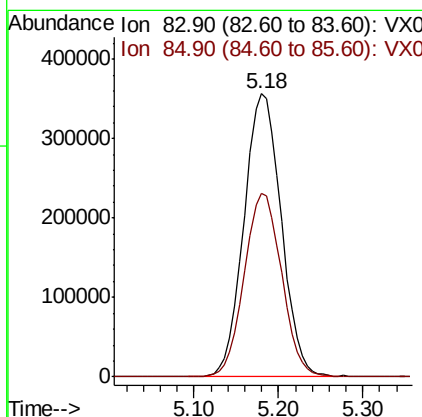
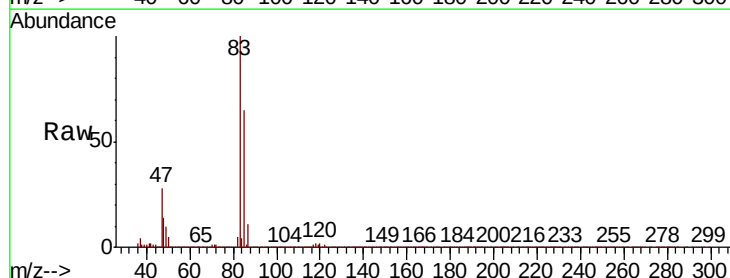
Manual Integrations
APPROVED

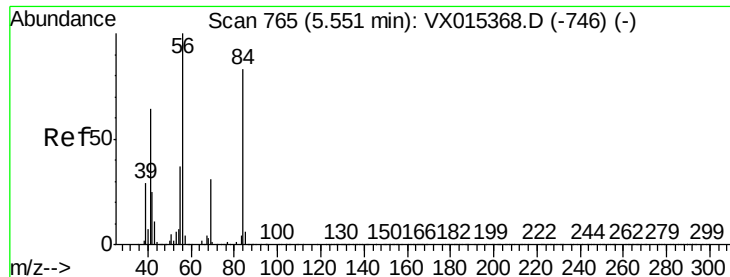
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#30
Chloroform
Concen: 51.125 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.5	74.3





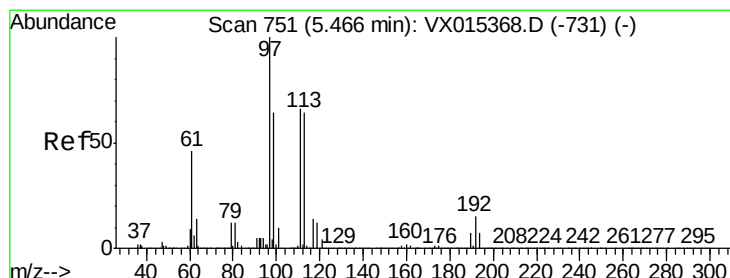
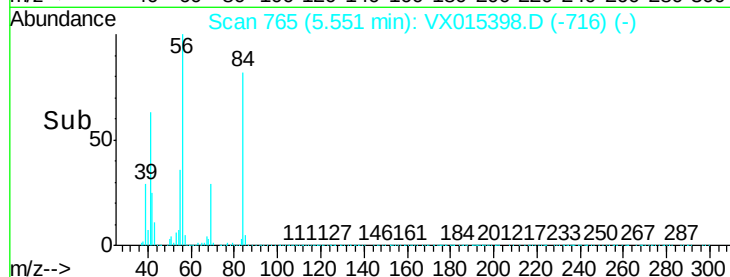
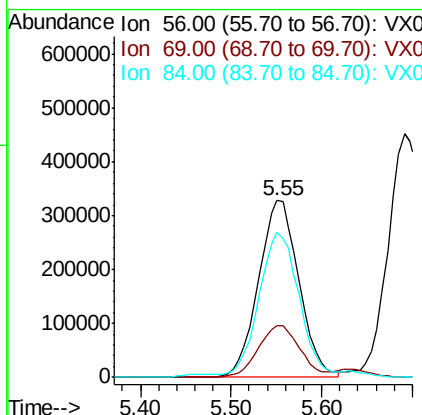
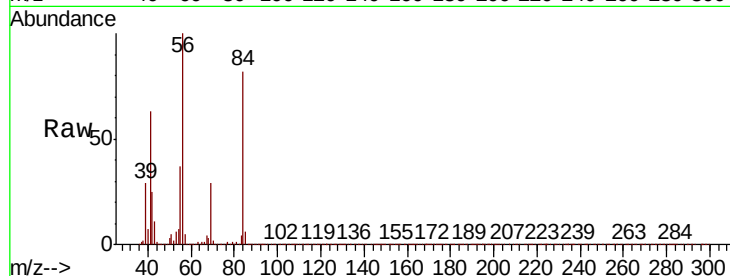
#31
Cyclohexane
Concen: 53.470 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.6	36.8
84	81.0	66.1	99.1

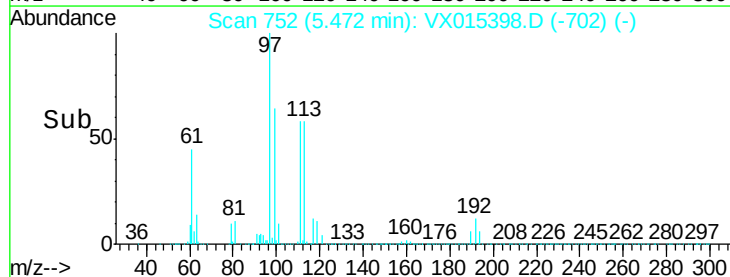
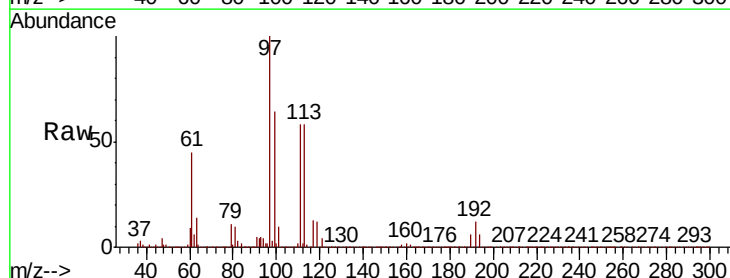
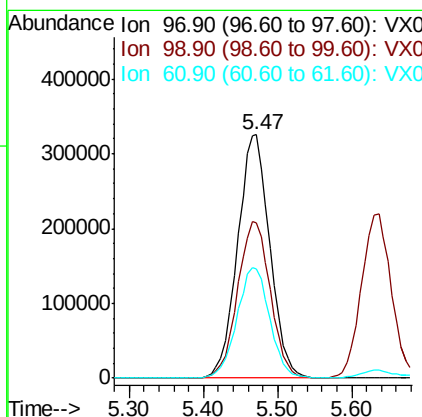
Manual Integrations
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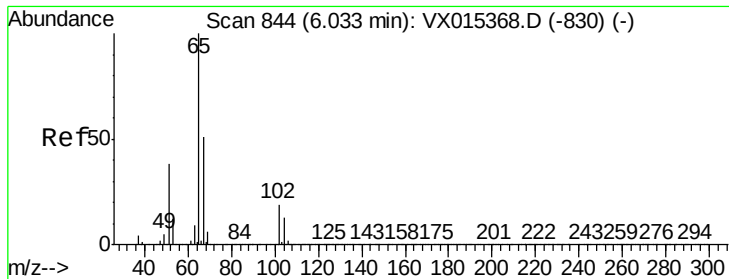
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#32
1,1,1-Trichloroethane
Concen: 52.032 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.4
61	46.0	36.1	54.1





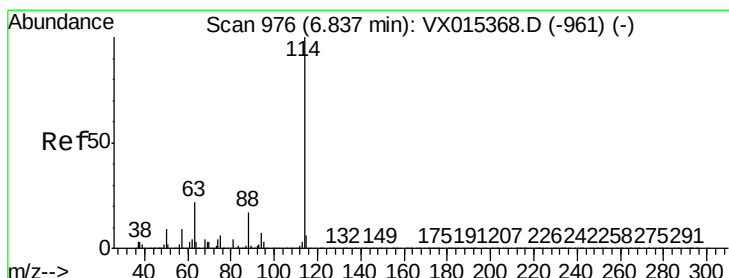
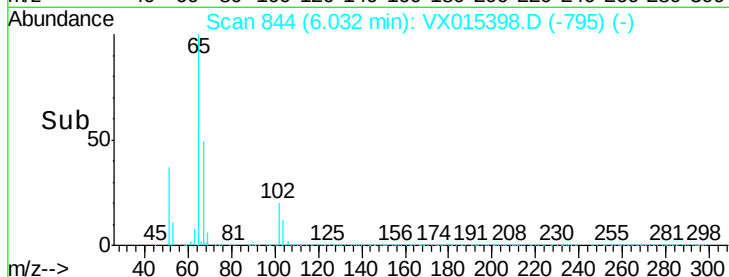
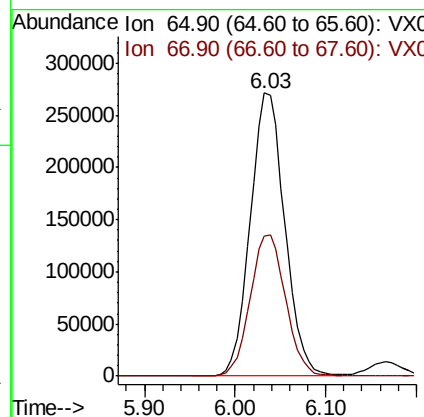
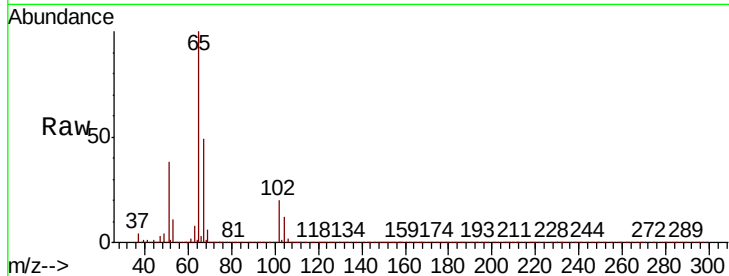
#33
 1,2-Dichloroethane-d4
 Concen: 47.851 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.6

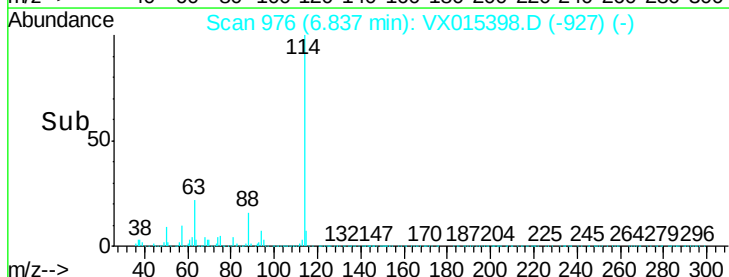
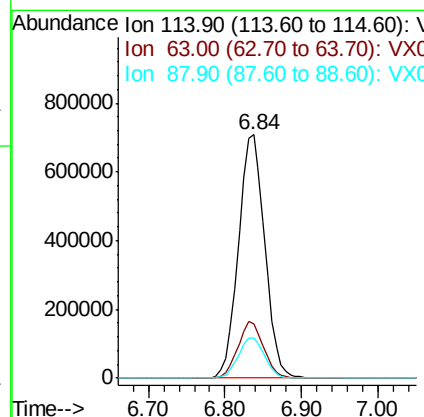
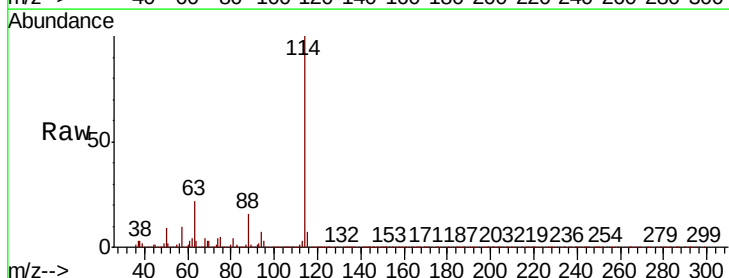
Manual Integrations
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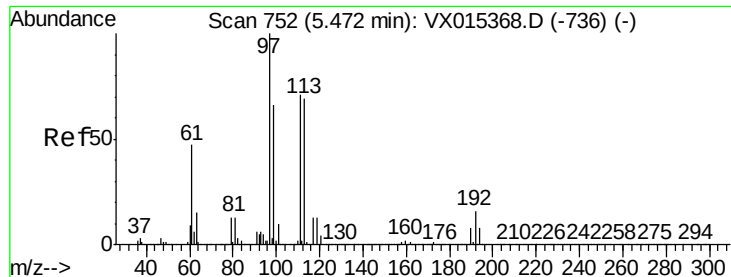
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.2
88	16.4	0.0	33.8





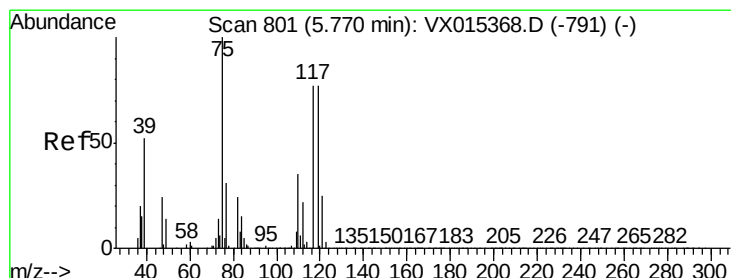
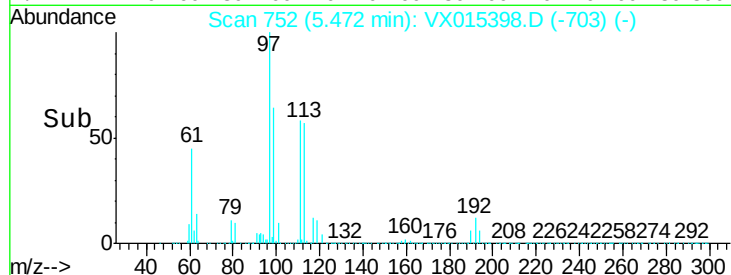
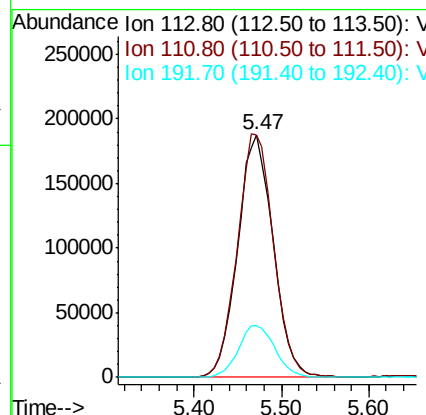
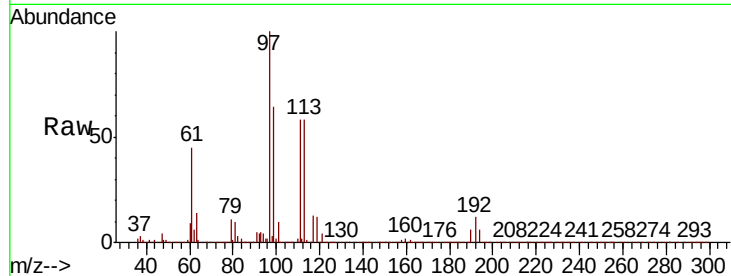
#35
 Dibromofluoromethane
 Concen: 48.940 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	22.5	17.8	26.6

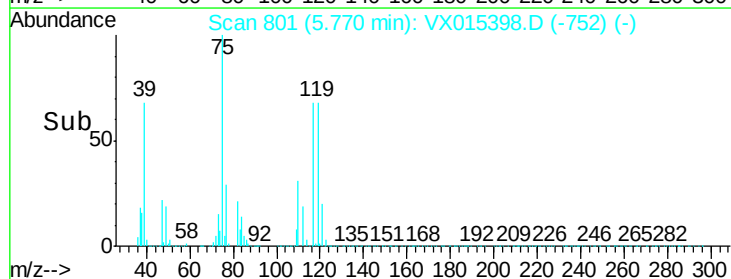
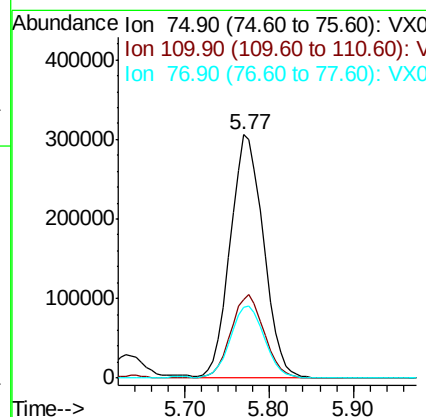
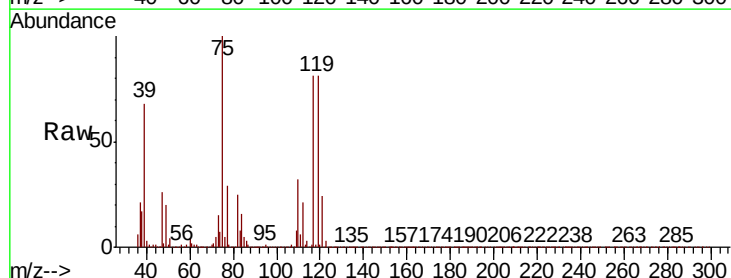
Manual Integrations
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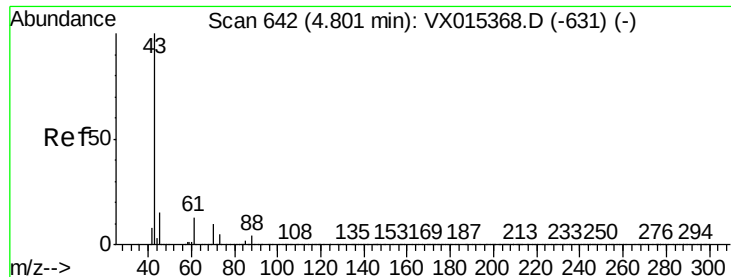
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#36
 1,1-Dichloropropene
 Concen: 52.660 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.1	51.3
77	30.3	24.6	36.8





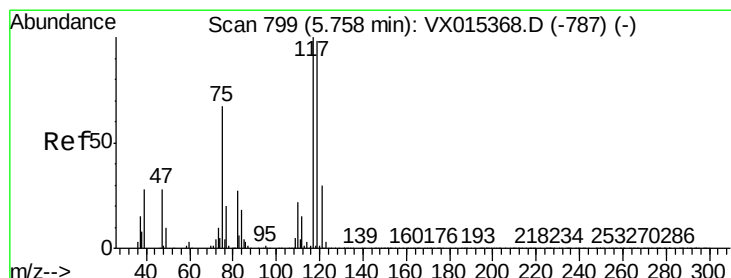
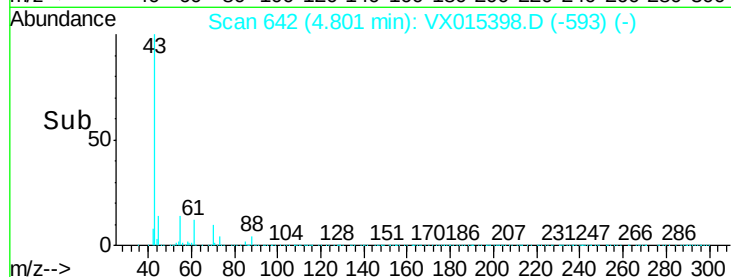
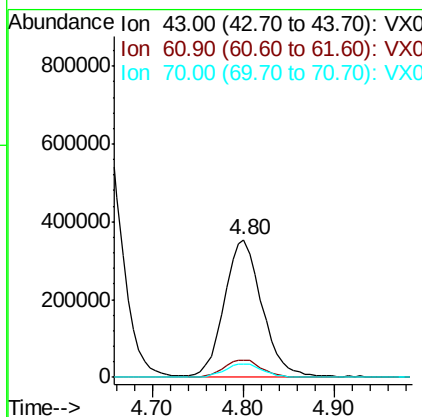
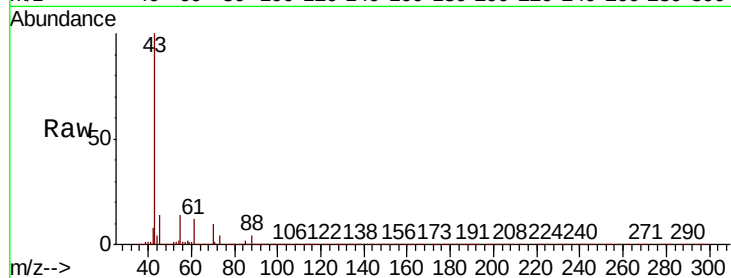
#37
Ethyl Acetate
Concen: 49.857 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	1006939
Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	9.9	8.1	12.1

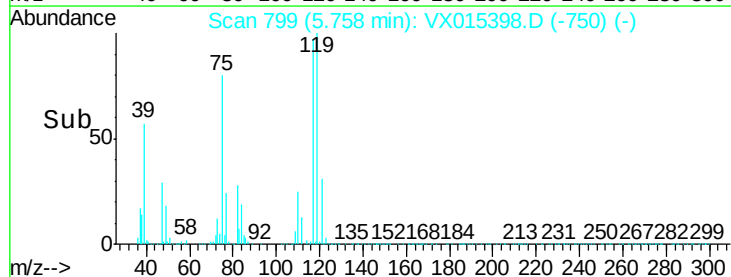
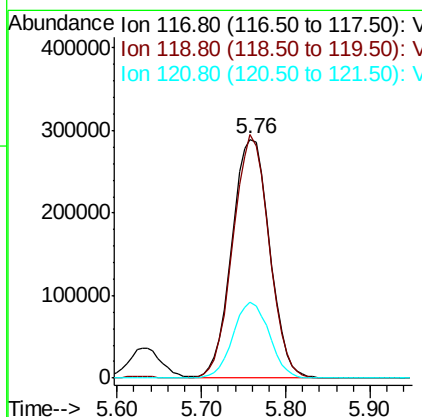
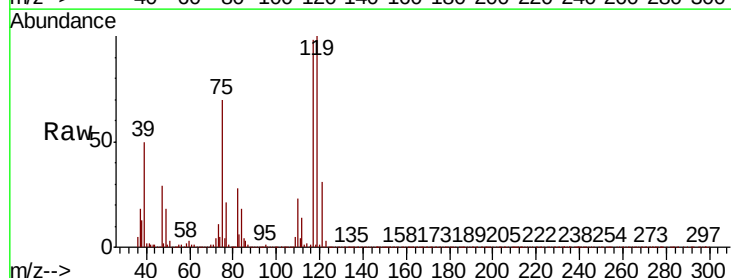
Manual Integrations
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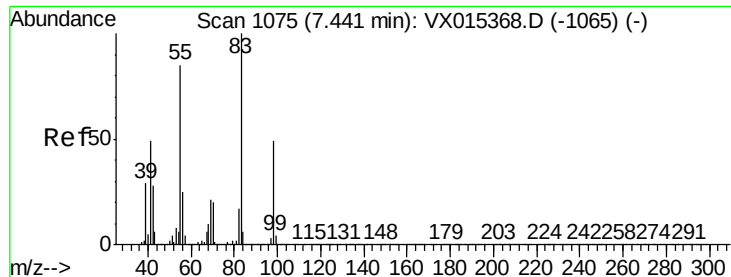
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#38
Carbon Tetrachloride
Concen: 51.998 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	117	Resp	873569
Ion	Ratio	Lower	Upper
117	100		
119	102.0	78.0	117.0
121	31.8	23.8	35.8





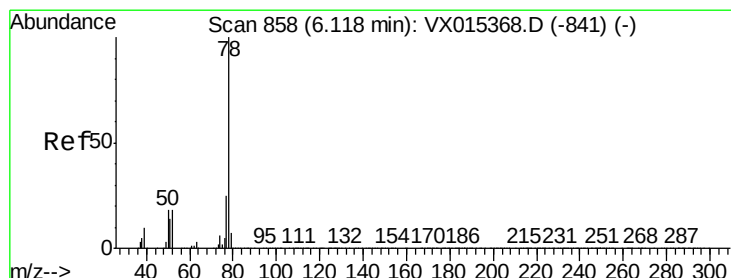
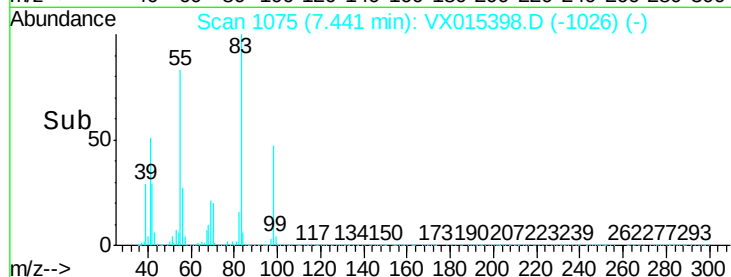
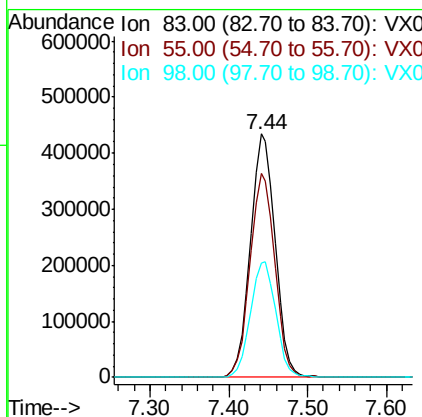
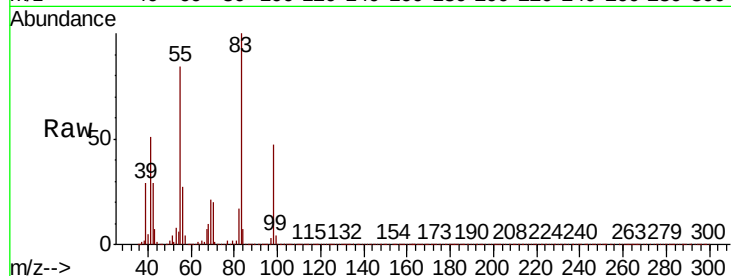
#39
Methylvlcyclohexane
Concen: 52.872 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.4	67.8	101.6
98	47.0	39.3	58.9

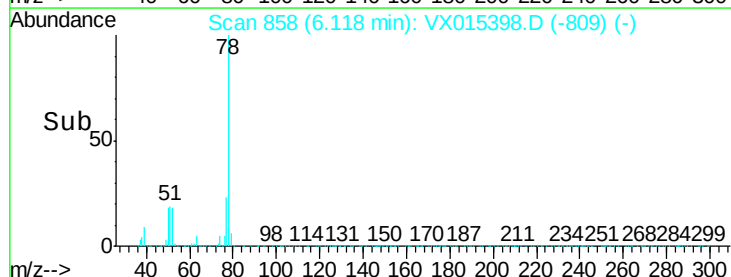
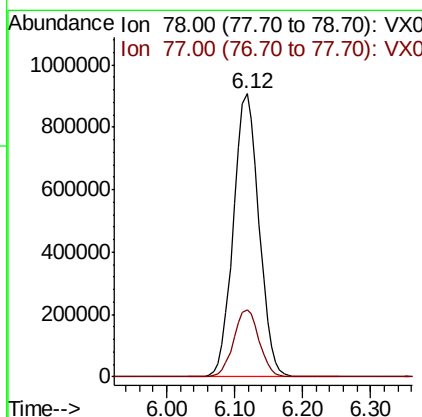
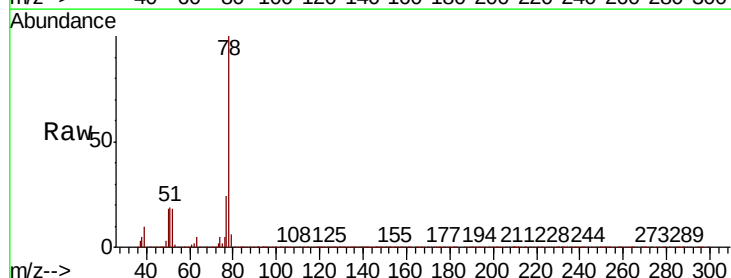
Manual Integrations
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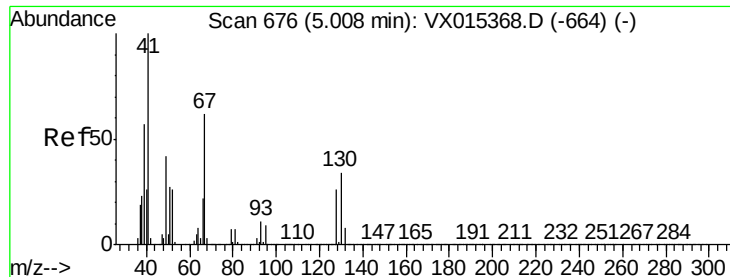
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#40
Benzene
Concen: 52.199 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8





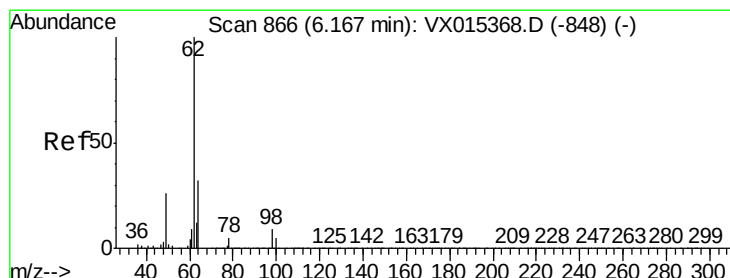
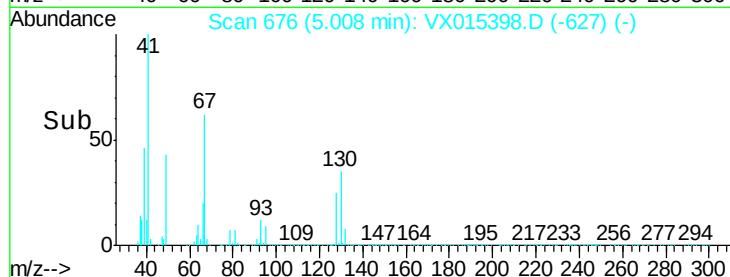
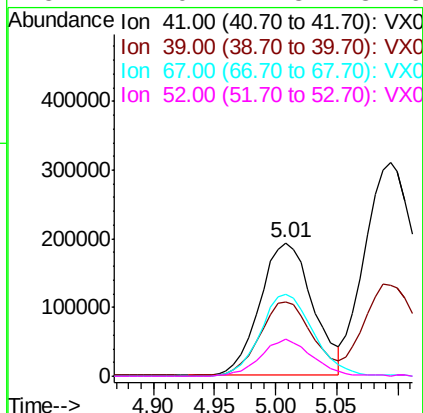
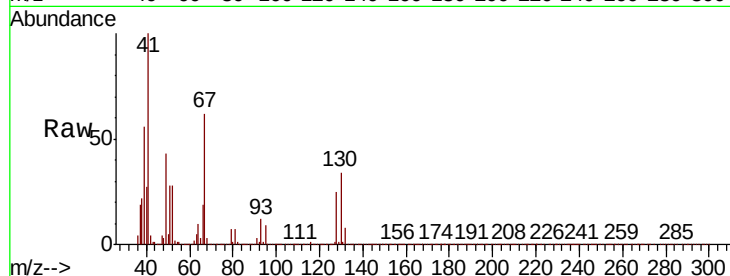
#41
Methacrylonitrile
Concen: 51.781 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	44.5	66.7	
67	61.7	48.9	73.3	
52	27.0	21.8	32.6	

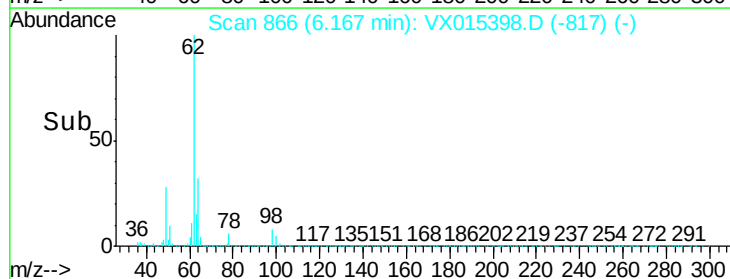
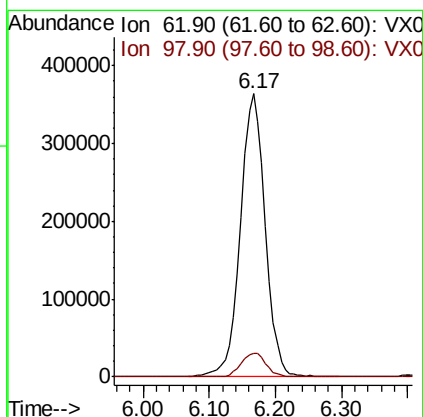
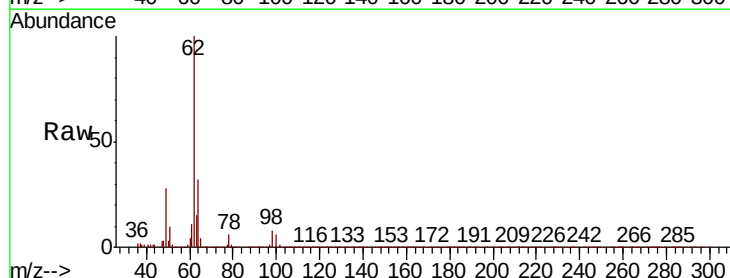
Manual Integrations
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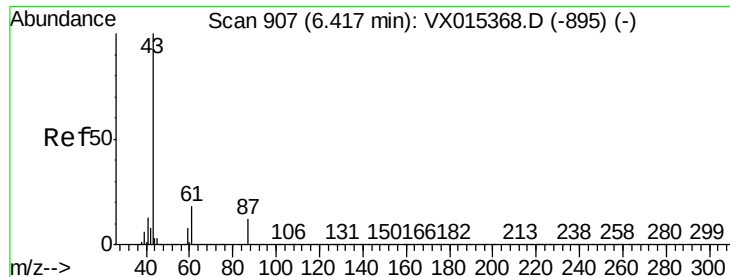
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#42
1,2-Dichloroethane
Concen: 51.701 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.6	





#43

Isopropyl Acetate

Concen: 51.047 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1740358

Ion Ratio Lower Upper

43 100

61 18.7 14.8 22.2

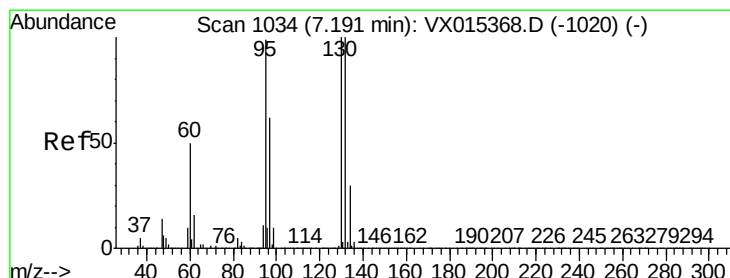
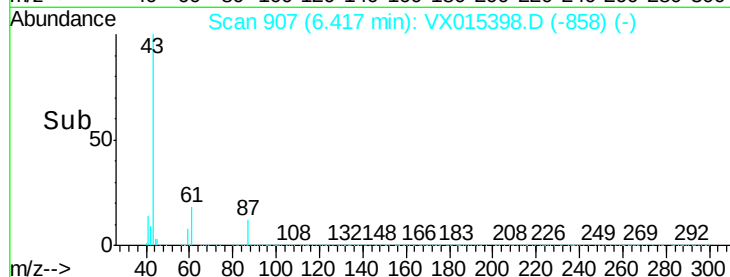
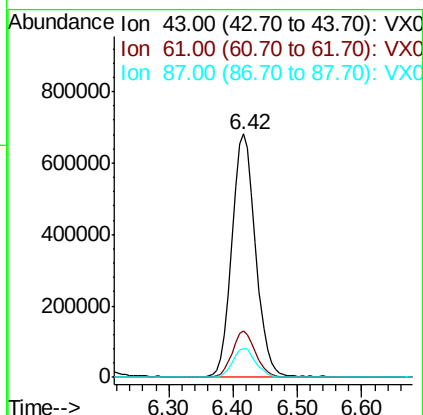
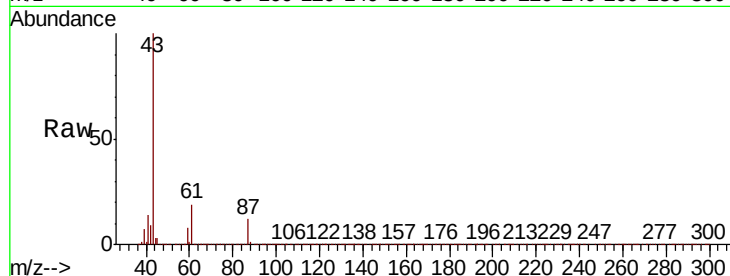
87 11.7 9.4 14.0

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#44

Trichloroethene

Concen: 50.400 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015398.D

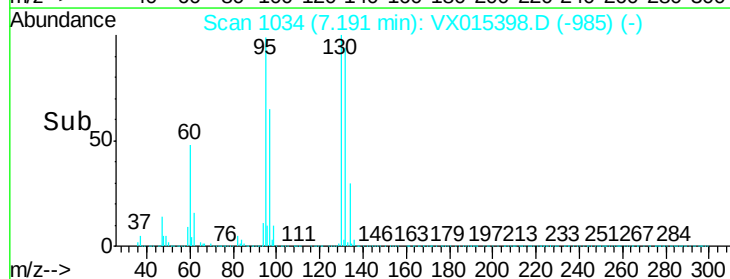
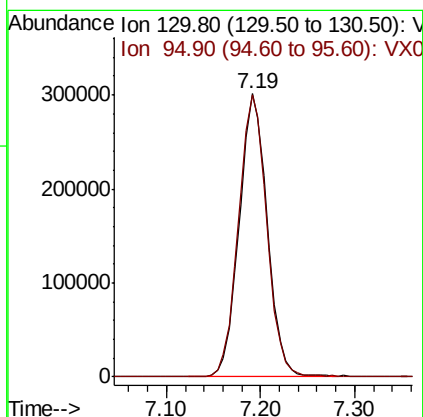
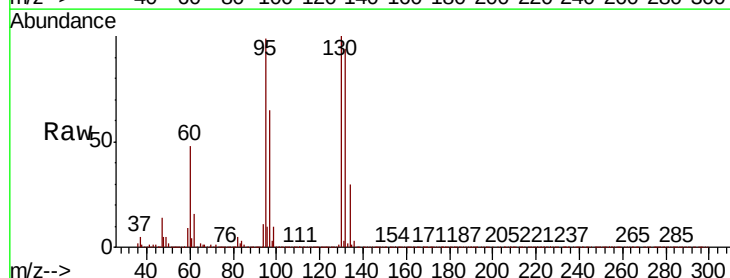
Acq: 27 Mar 2020 22:15

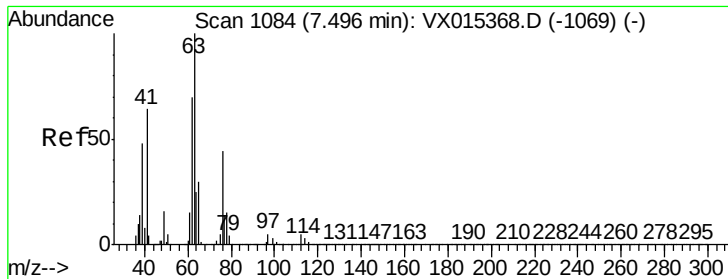
Tgt Ion:130 Resp: 624530

Ion Ratio Lower Upper

130 100

95 99.5 0.0 199.0





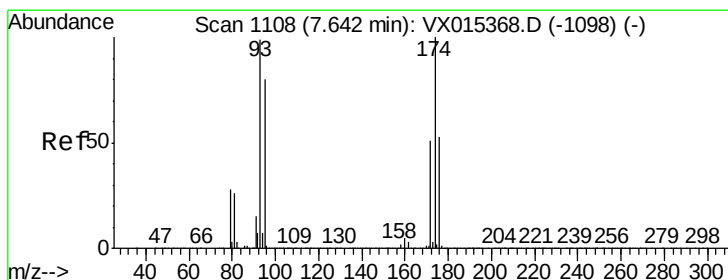
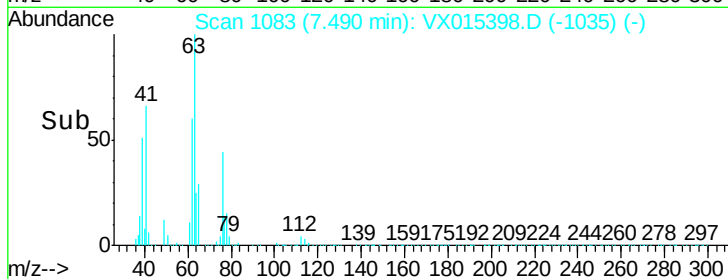
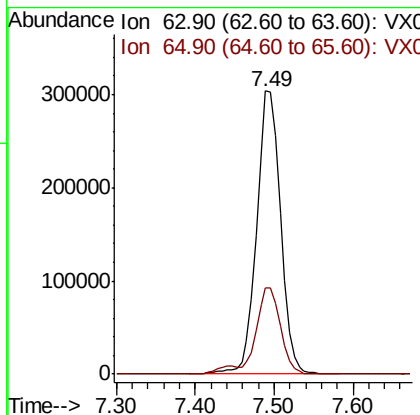
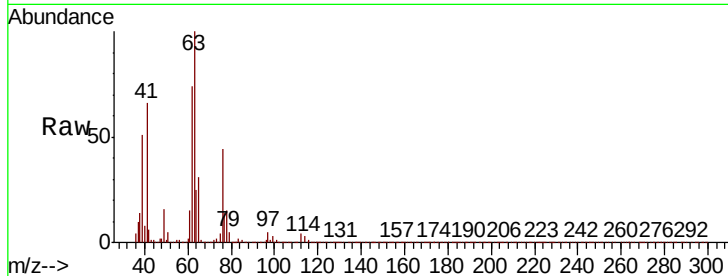
#45
 1,2-Dichloropropane
 Concen: 51.461 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.9	35.9

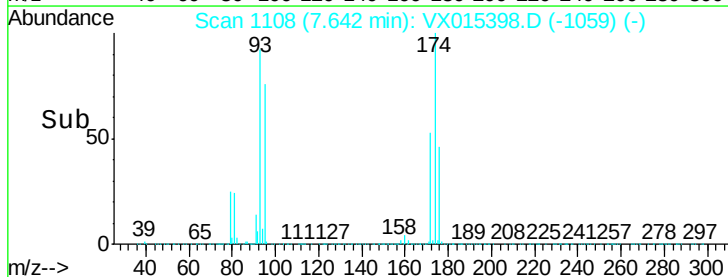
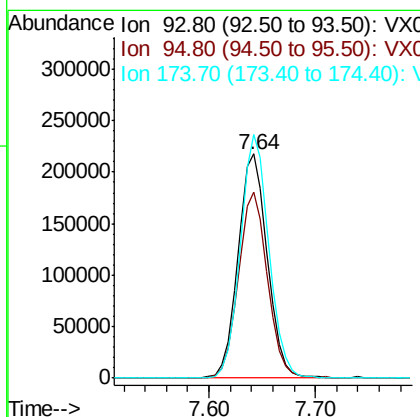
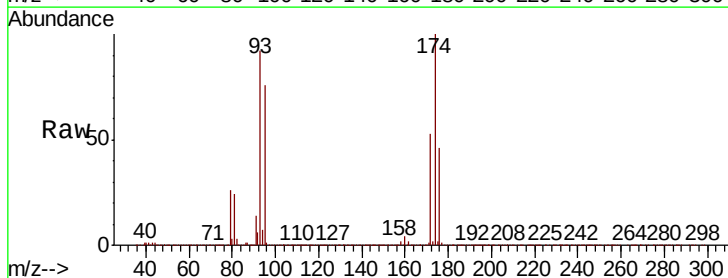
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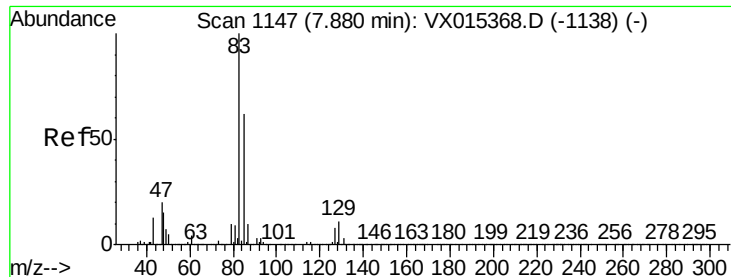
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#46
 Dibromomethane
 Concen: 51.328 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.8	98.8
174	106.5	86.2	129.2





#47

Bromodichloromethane

Concen: 50.865 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

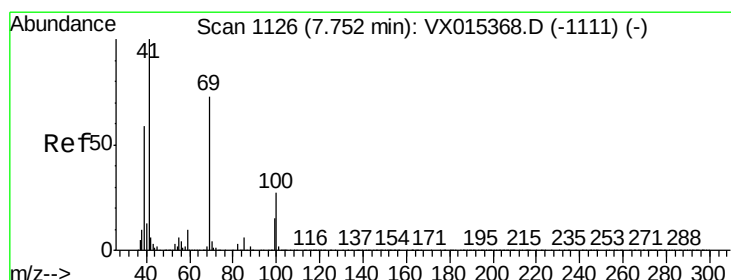
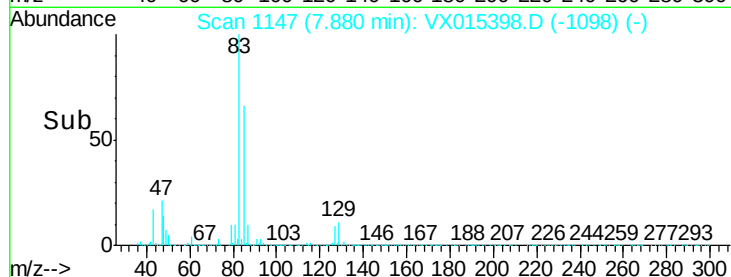
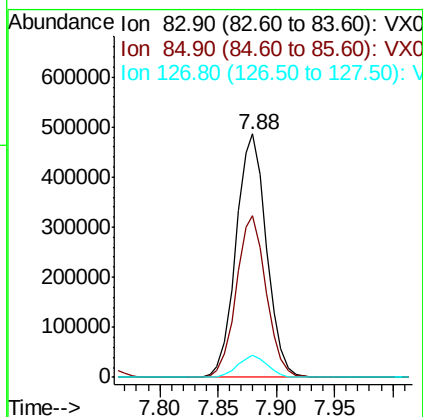
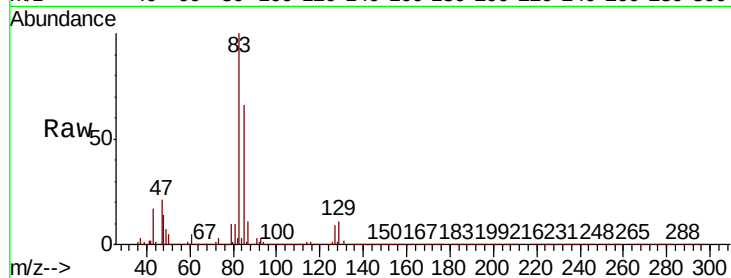
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	883697
Ion Ratio	Lower	Upper	
83	100		
85	66.3	49.7	74.5
127	8.8	6.7	10.1

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#48

Methyl methacrylate

Concen: 51.017 ug/l

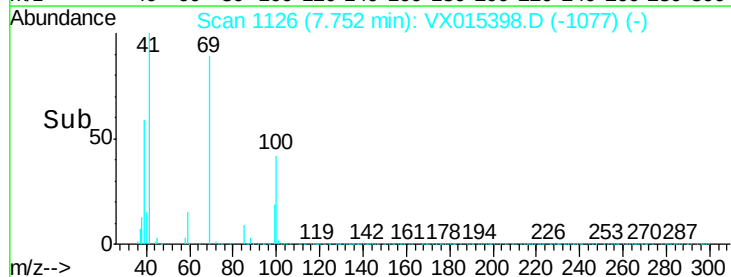
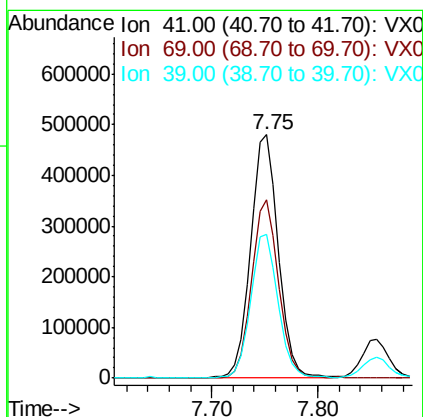
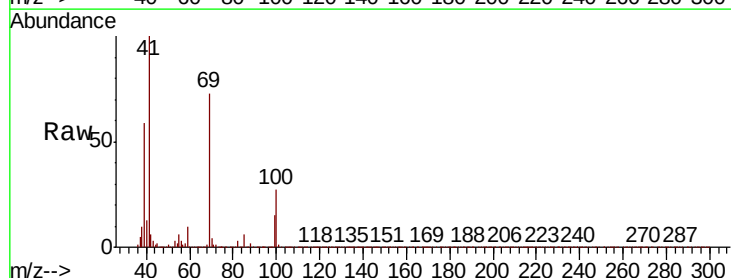
RT: 7.75 min Scan# 1126

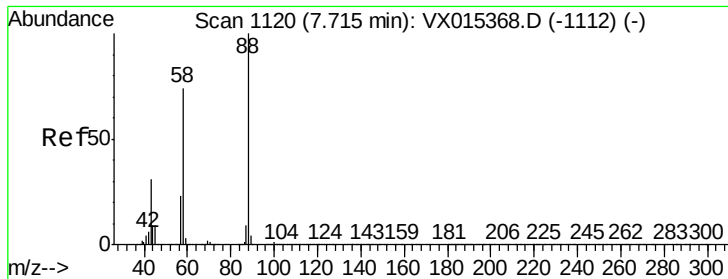
Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion:	41	Resp:	868785
Ion Ratio	Lower	Upper	
41	100		
69	72.0	56.7	85.1
39	58.6	46.5	69.7





#49

1,4-Dioxane

Concen: 1021.173 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

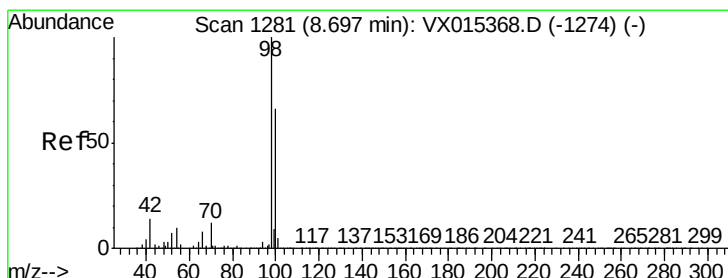
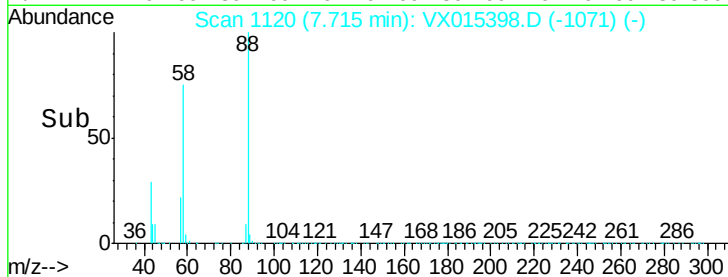
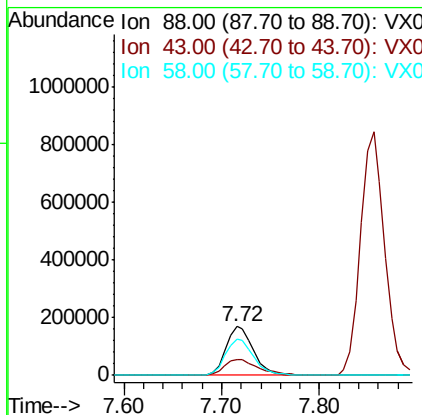
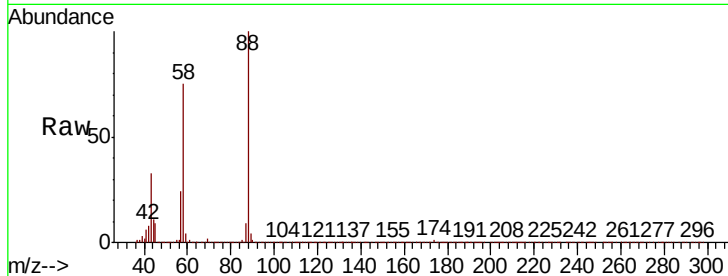
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	324409
Ion Ratio	Lower	Upper	
88	100		
43	38.6	30.1	45.1
58	78.0	60.6	90.8

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#50

Toluene-d8

Concen: 48.107 ug/l

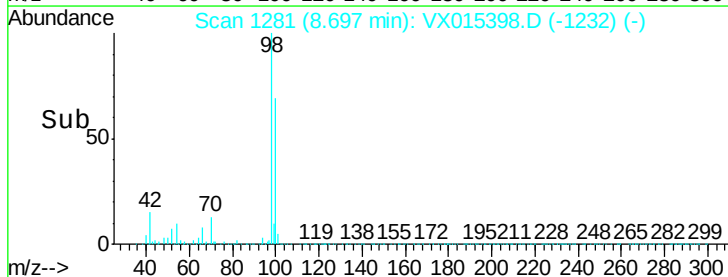
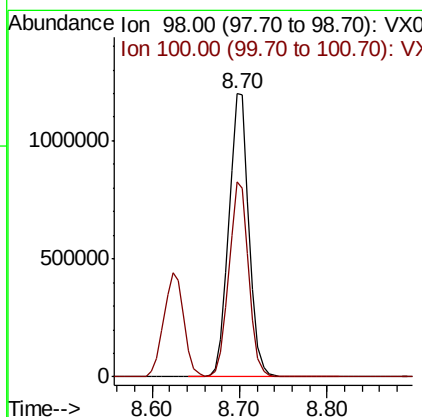
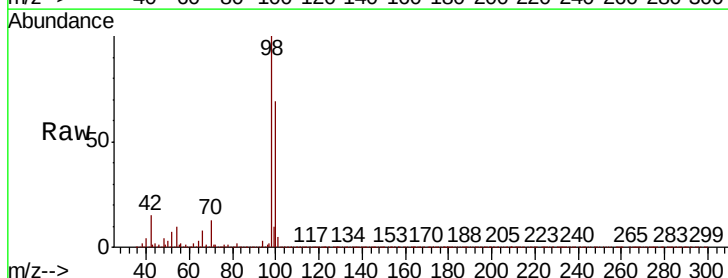
RT: 8.70 min Scan# 1281

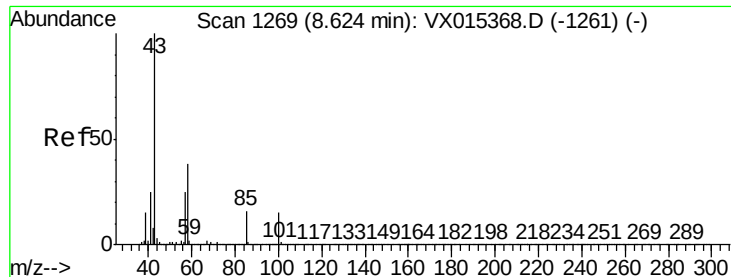
Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion:	98	Resp:	1905948
Ion Ratio	Lower	Upper	
98	100		
100	67.9	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 257.864 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4982340

Ion Ratio Lower Upper

43 100

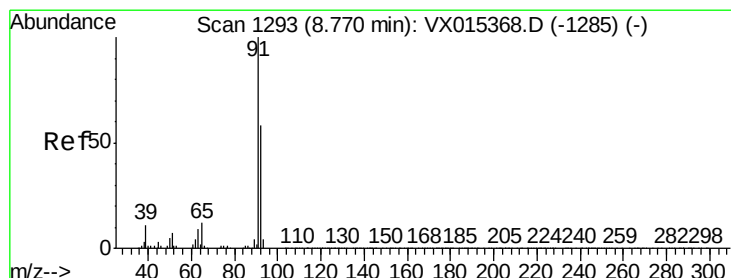
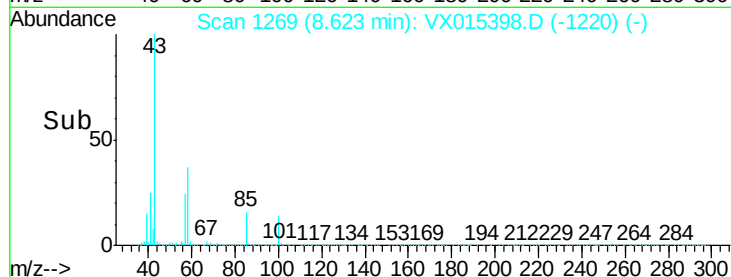
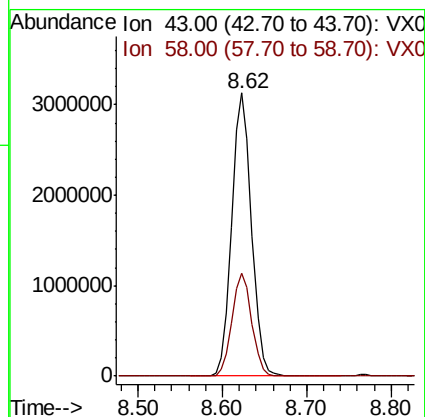
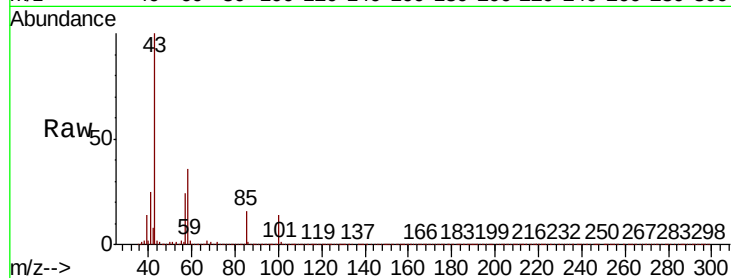
58 36.4 29.7 44.5

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#52

Toluene

Concen: 52.977 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015398.D

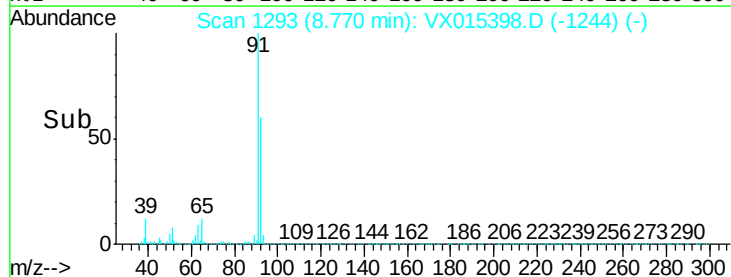
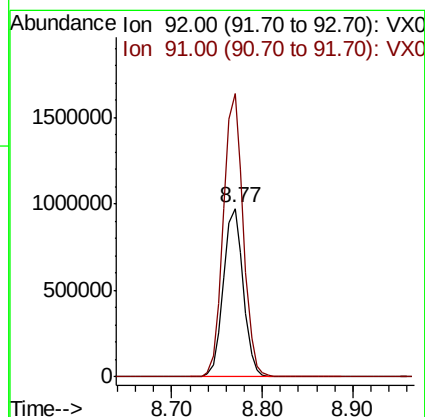
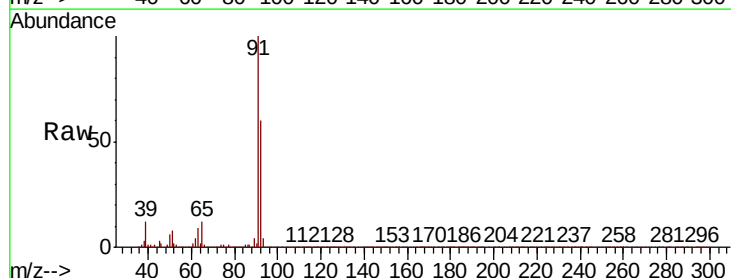
Acq: 27 Mar 2020 22:15

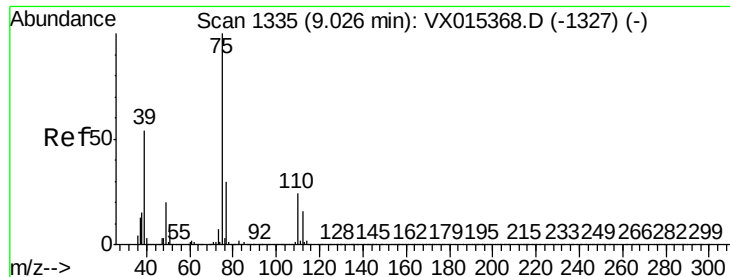
Tgt Ion: 92 Resp: 1484000

Ion Ratio Lower Upper

92 100

91 167.8 136.6 205.0





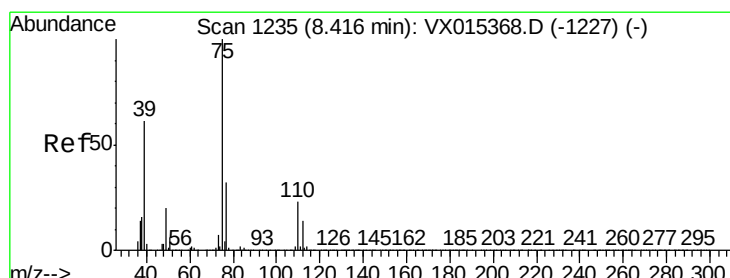
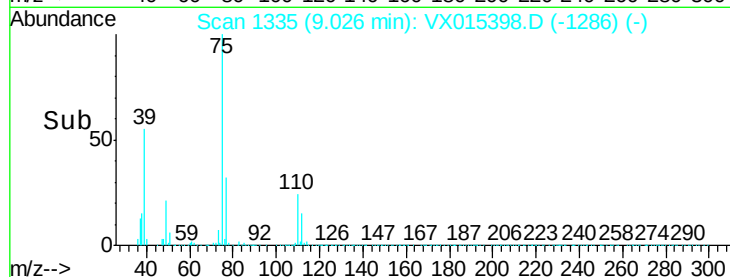
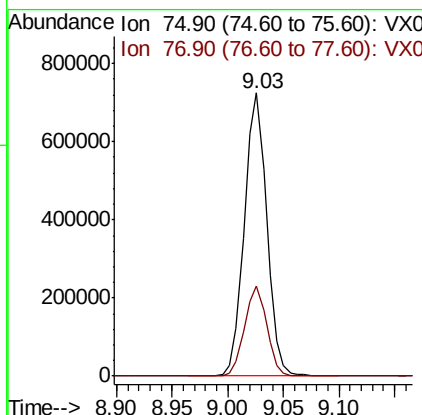
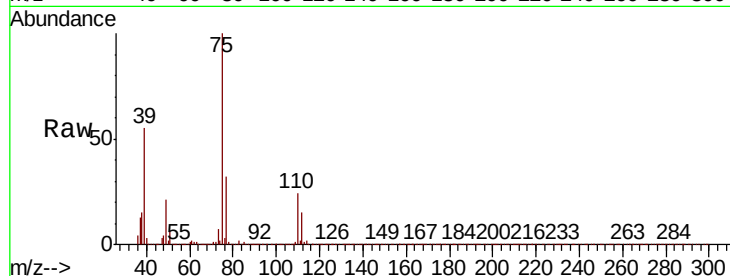
#53
t-1,3-Dichloropropene
Concen: 49.733 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 1013340
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1

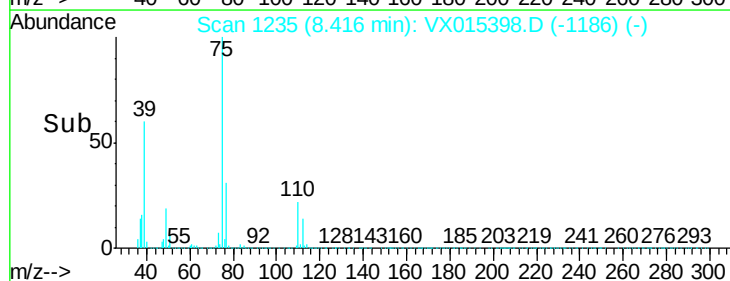
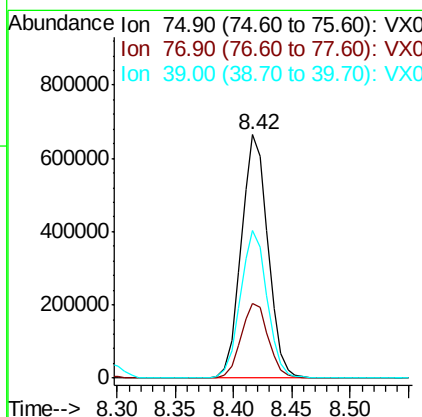
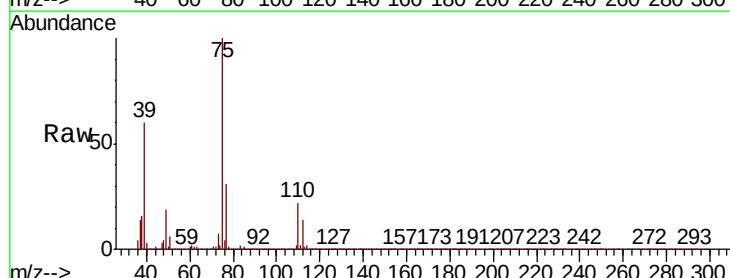
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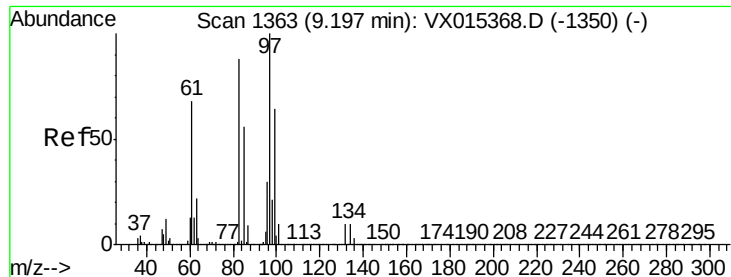
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#54
cis-1,3-Dichloropropene
Concen: 51.263 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 75 Resp: 1064007
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 60.3 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 51.341 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

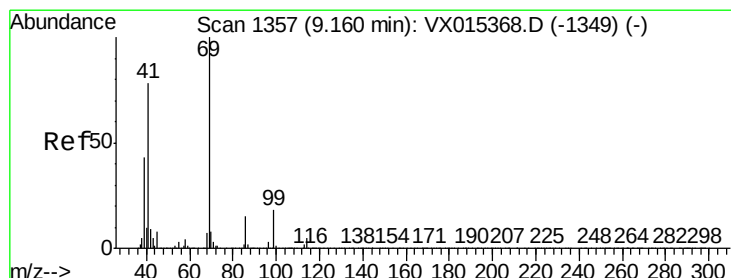
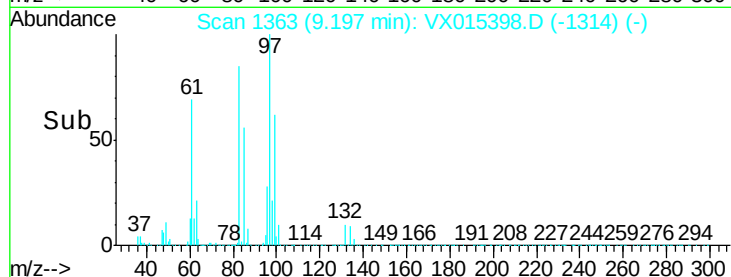
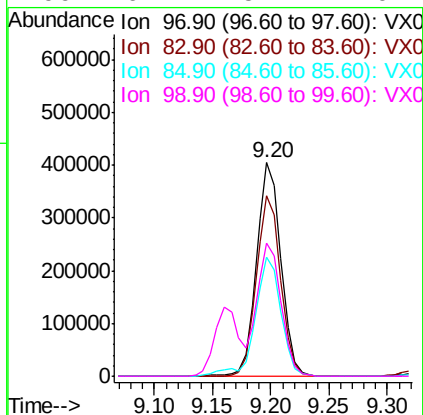
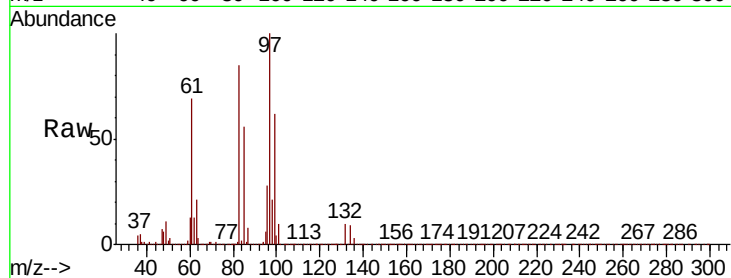
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	84.6	70.2	105.4	
85	55.7	44.7	67.1	
99	62.2	51.1	76.7	

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#56

Ethyl methacrylate

Concen: 51.271 ug/l

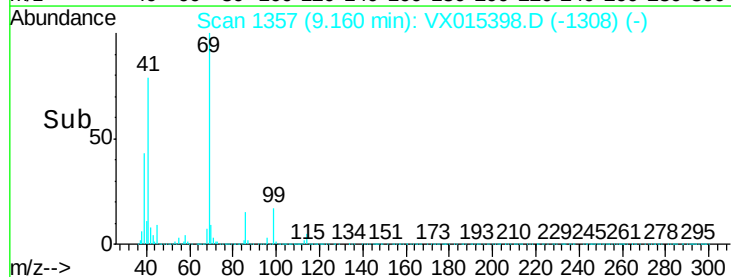
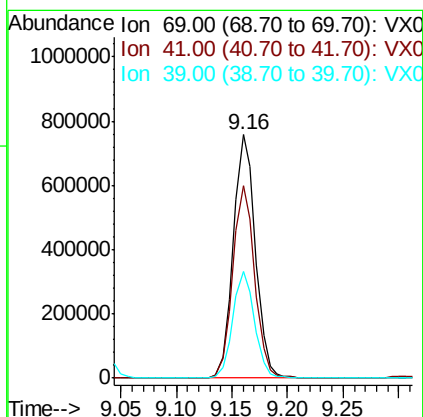
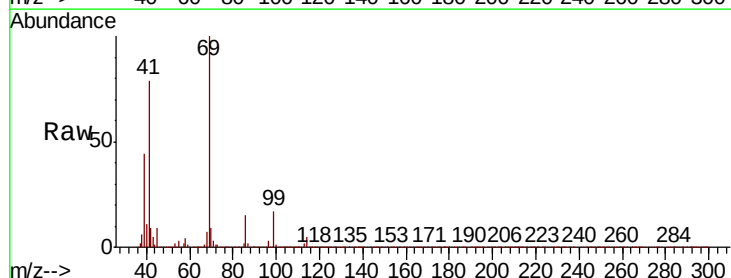
RT: 9.16 min Scan# 1357

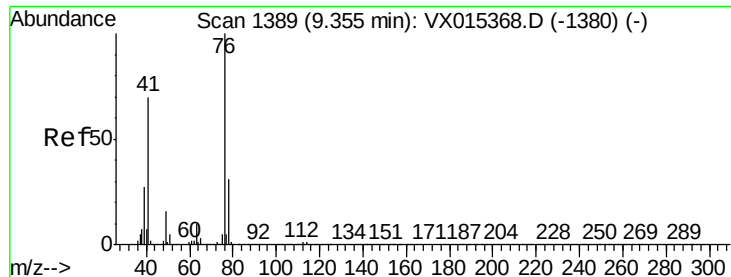
Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	78.2	61.6	92.4	
39	42.7	34.0	51.0	





#57

1,3-Dichloropropane

Concen: 49.975 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1033357

Ion Ratio Lower Upper

76 100

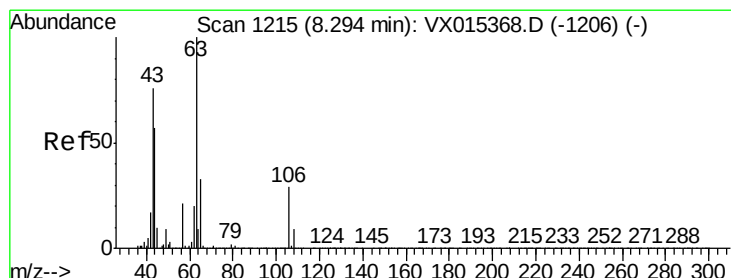
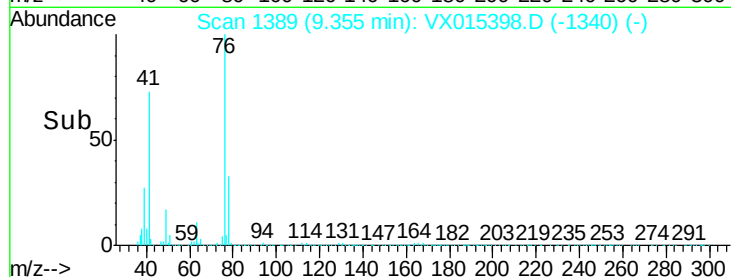
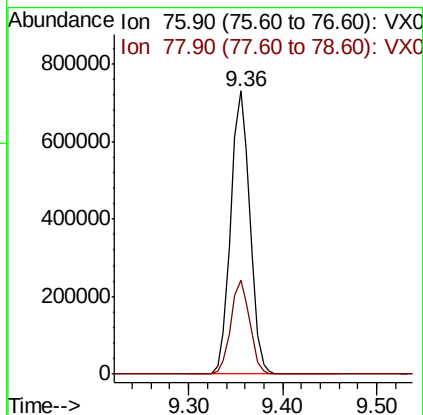
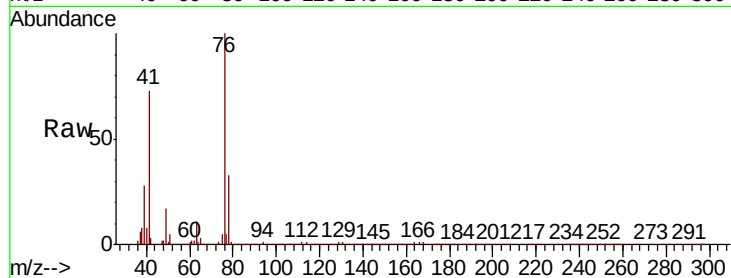
78 32.6 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 256.310 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015398.D

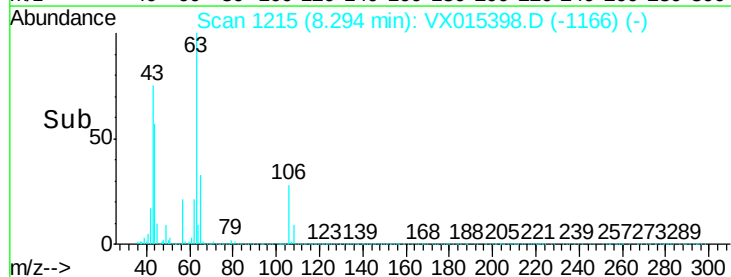
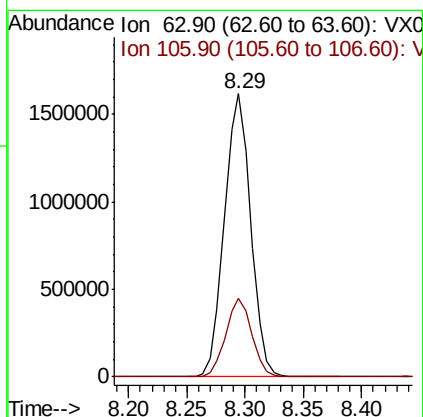
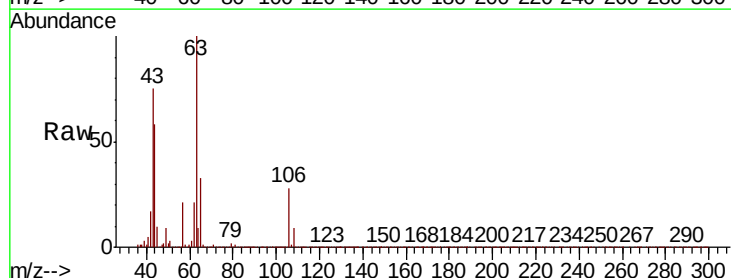
Acq: 27 Mar 2020 22:15

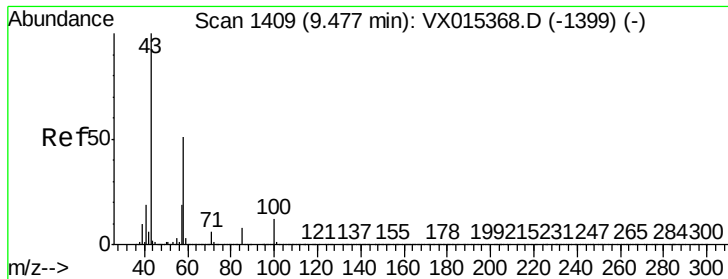
Tgt Ion: 63 Resp: 2521637

Ion Ratio Lower Upper

63 100

106 27.6 22.7 34.1





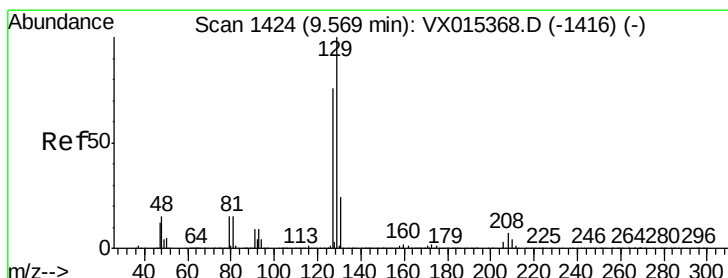
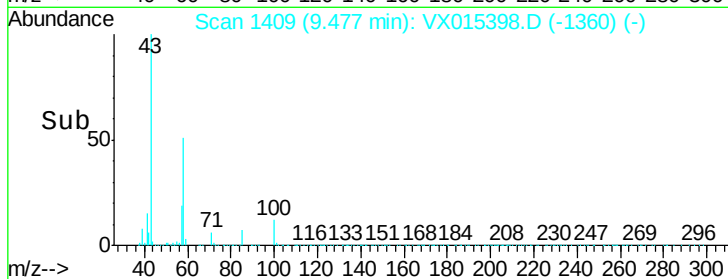
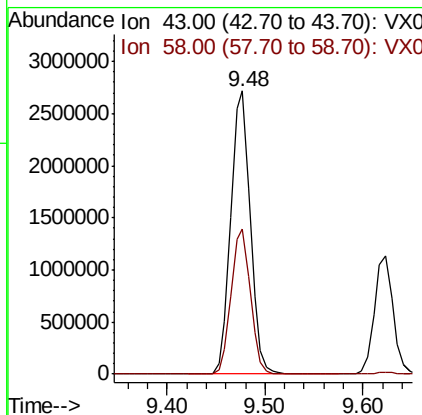
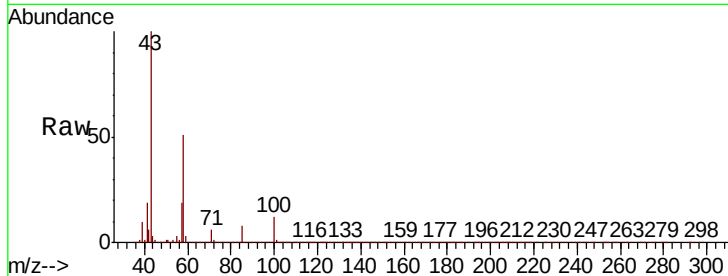
#59
2-Hexanone
Concen: 257.223 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3752202
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6

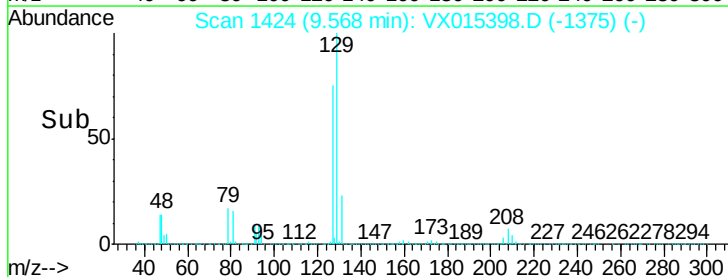
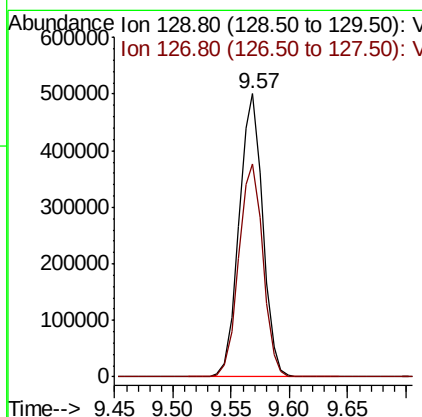
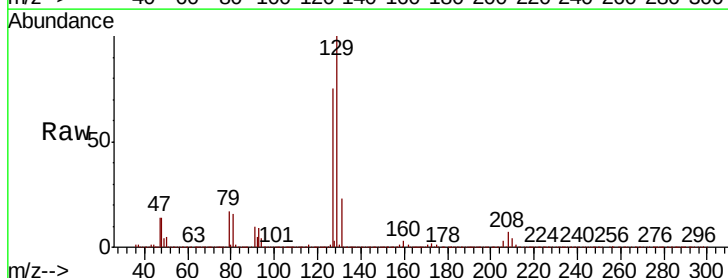
Manual Integrations
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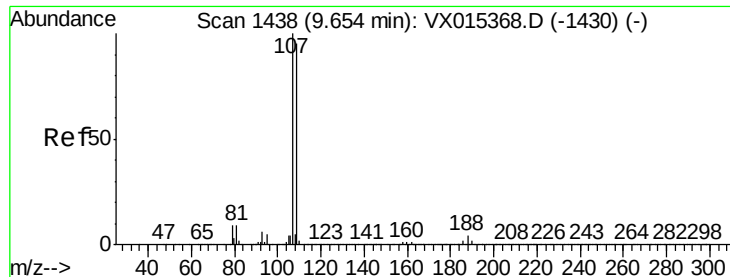
apatel
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#60
Dibromochloromethane
Concen: 51.487 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion: 129 Resp: 710050
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.869 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 634801

Ion Ratio Lower Upper

107 100

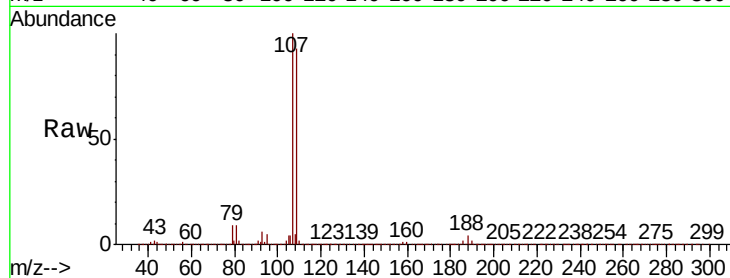
109 93.8 74.8 112.2

Manual Integrations

APPROVED

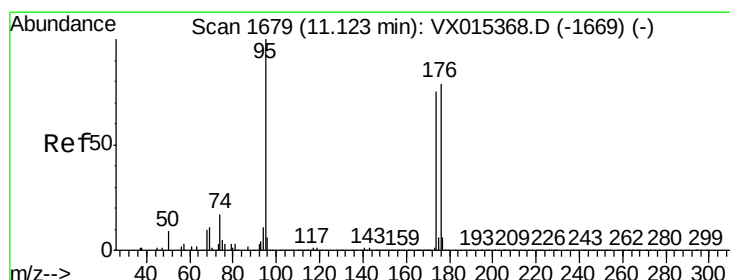
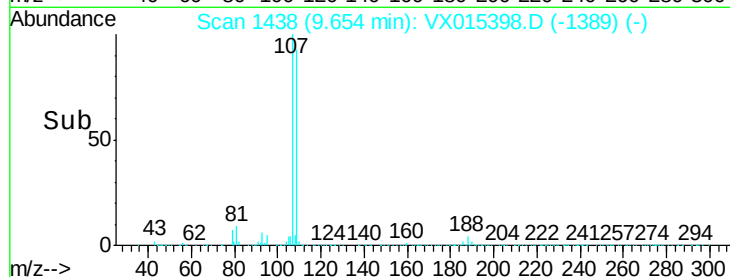
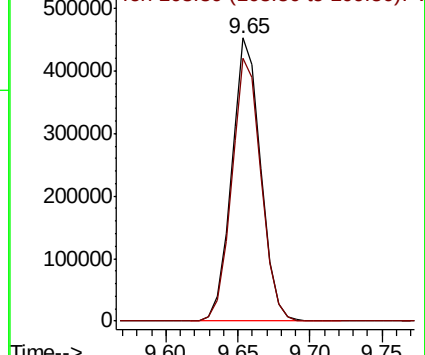
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.678 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

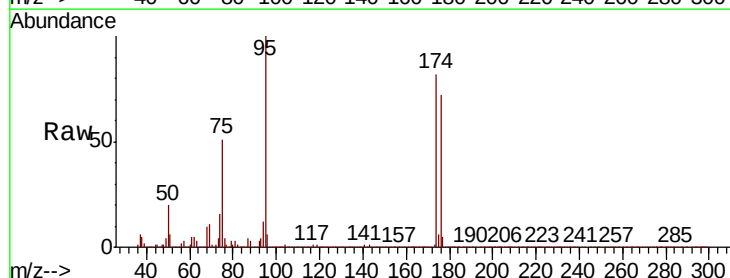
Tgt Ion: 95 Resp: 783784

Ion Ratio Lower Upper

95 100

174 80.6 0.0 158.6

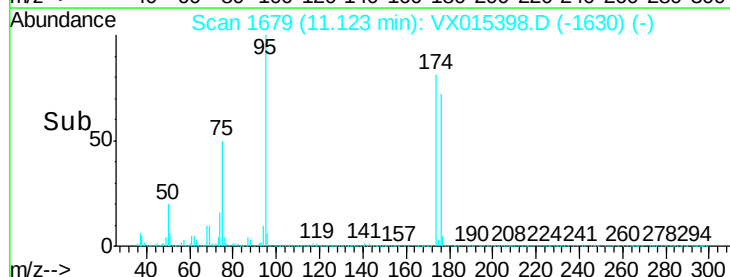
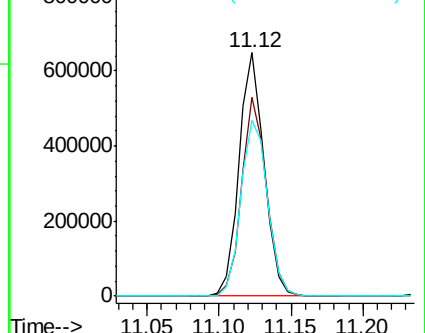
176 77.0 0.0 159.0

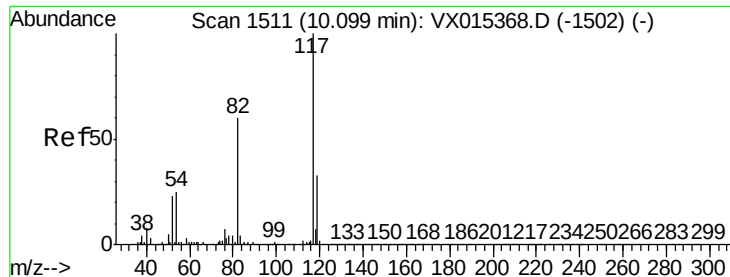


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





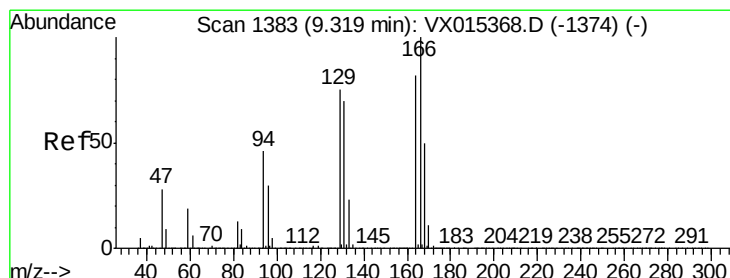
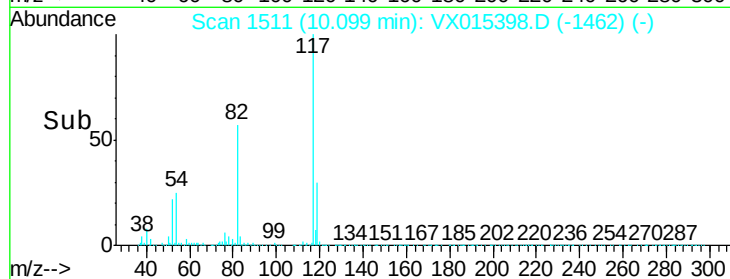
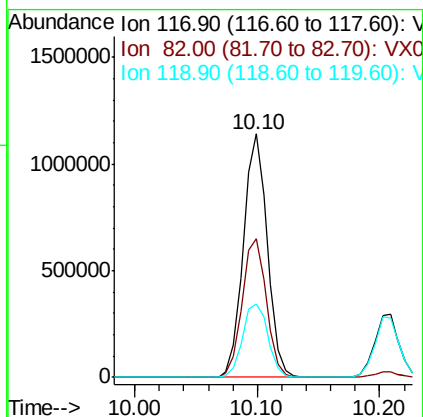
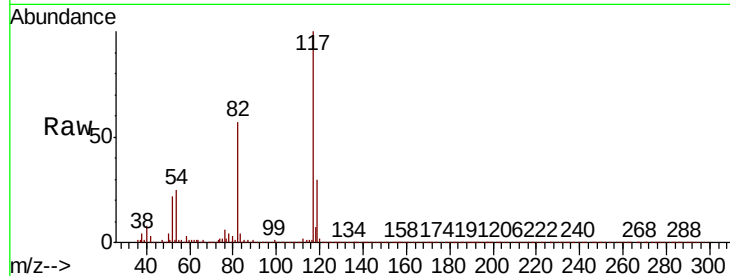
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.8	71.8
119	30.3	26.8	40.2

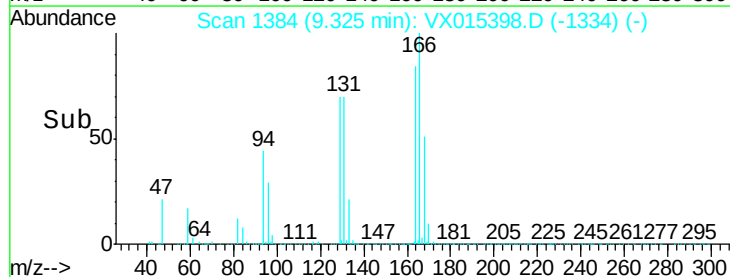
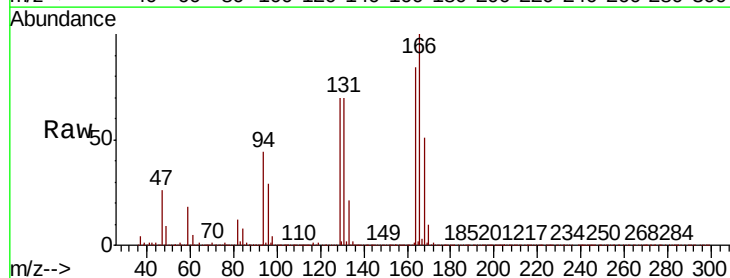
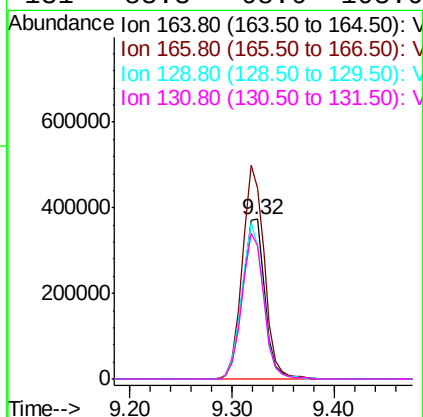
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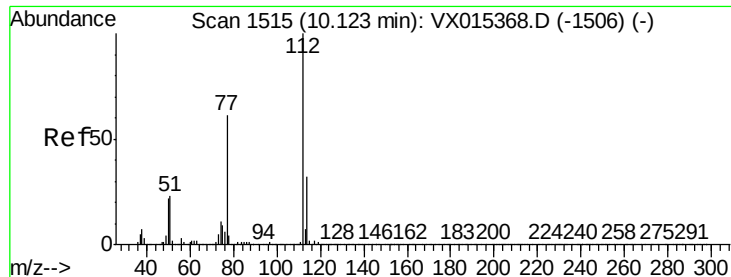
apatel
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#64
Tetrachloroethene
Concen: 48.810 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.6	97.8	146.6
129	83.7	73.0	109.4
131	83.3	68.6	103.0





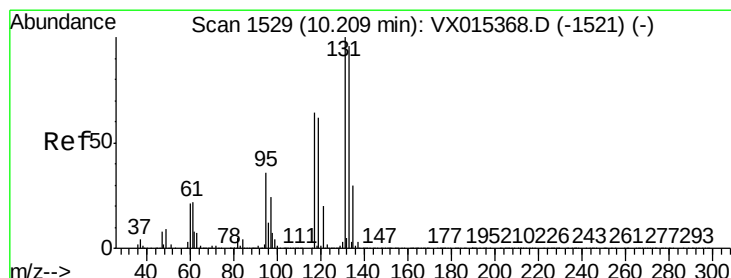
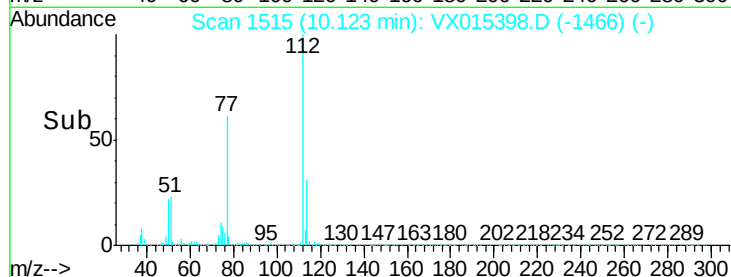
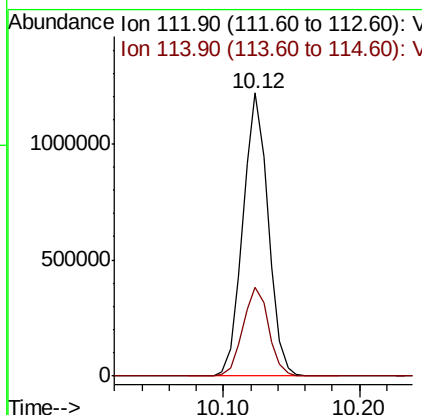
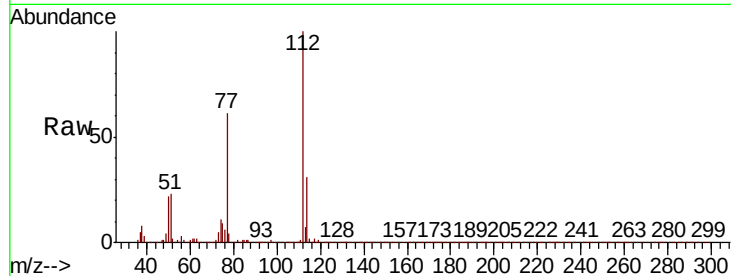
#65
Chlorobenzene
Concen: 51.381 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1576844
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

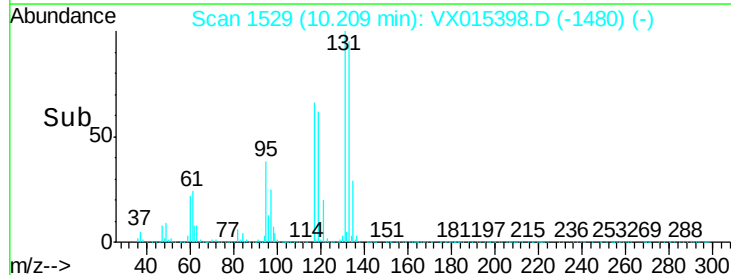
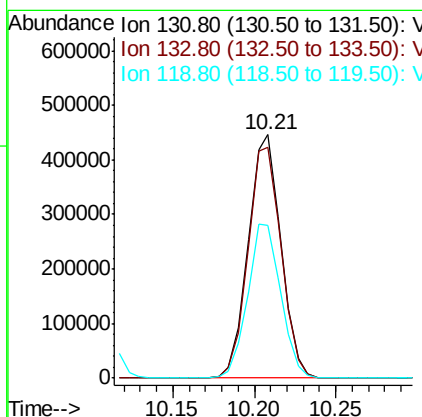
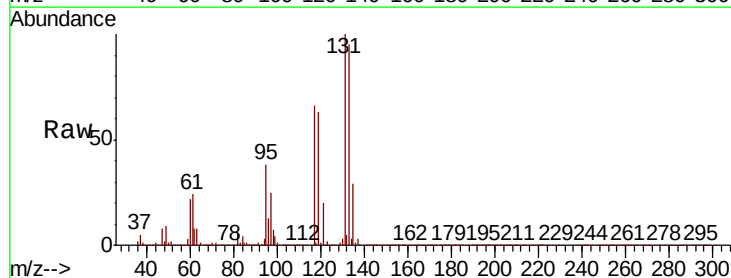
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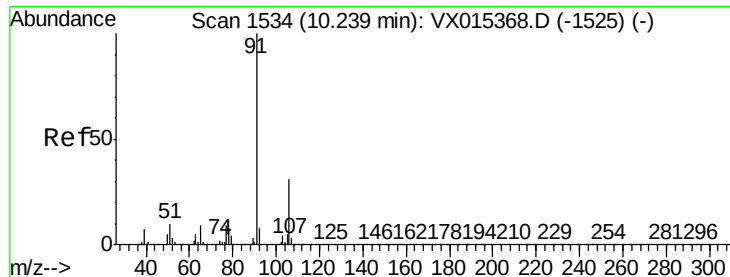
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.783 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion:131 Resp: 622617
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.9
119 64.0 31.1 93.3





#67

Ethyl Benzene

Concen: 52.665 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2866531

Ion Ratio Lower Upper

91 100

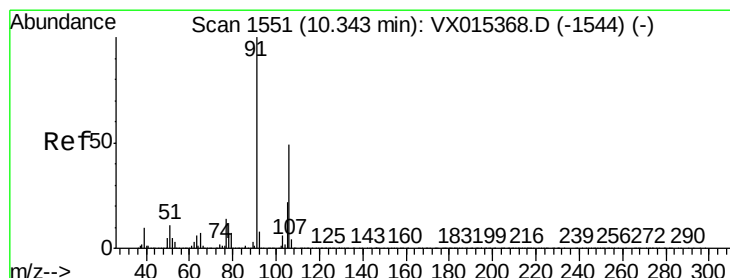
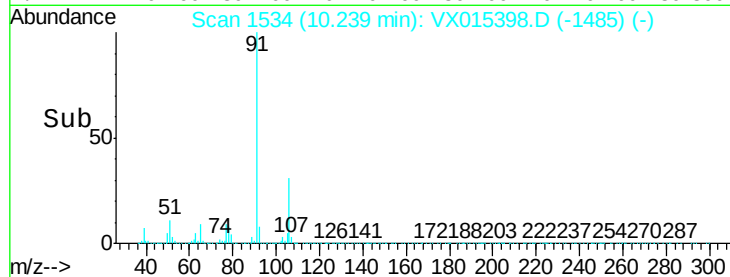
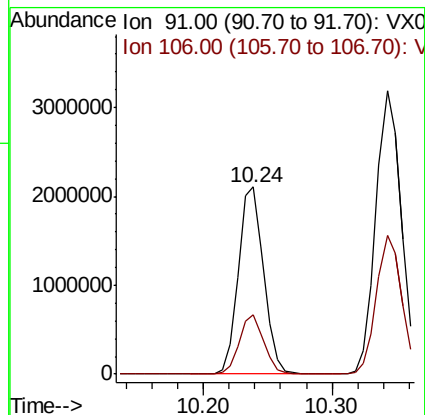
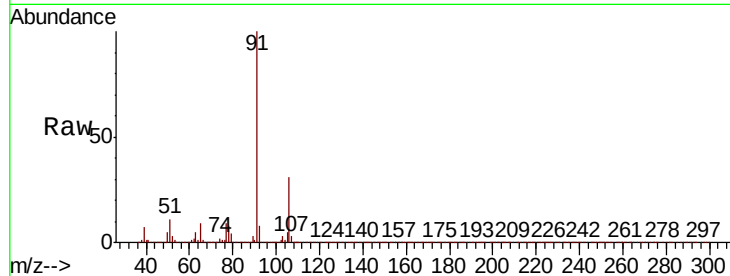
106 31.4 24.8 37.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 104.495 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015398.D

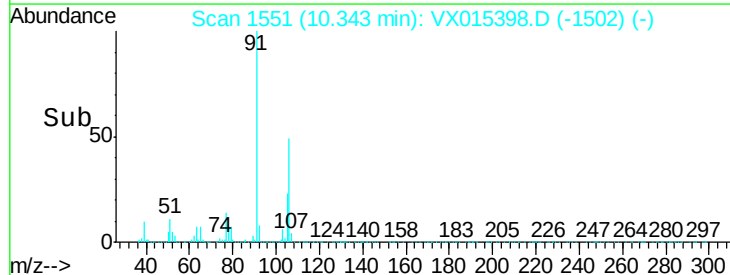
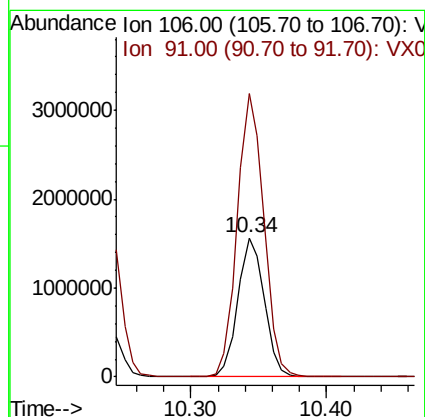
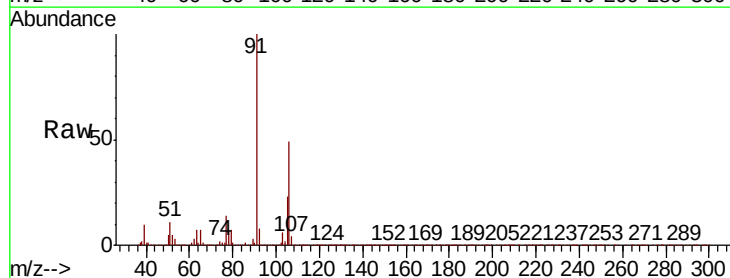
Acq: 27 Mar 2020 22:15

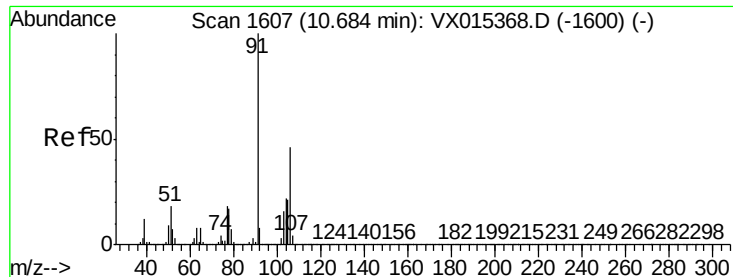
Tgt Ion: 106 Resp: 2117899

Ion Ratio Lower Upper

106 100

91 204.6 163.4 245.0





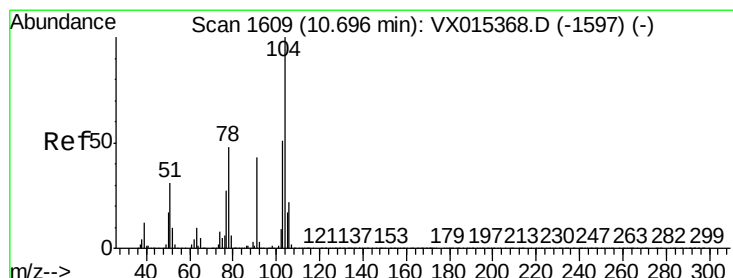
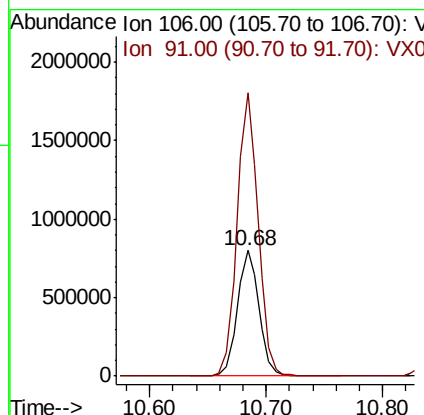
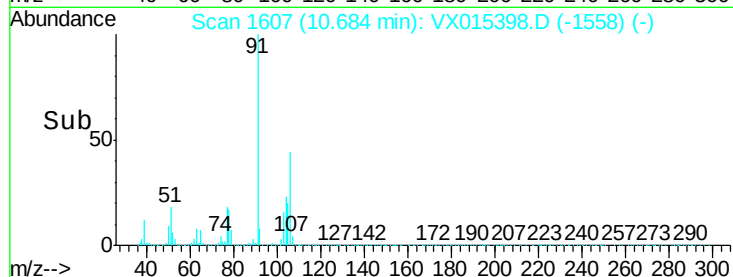
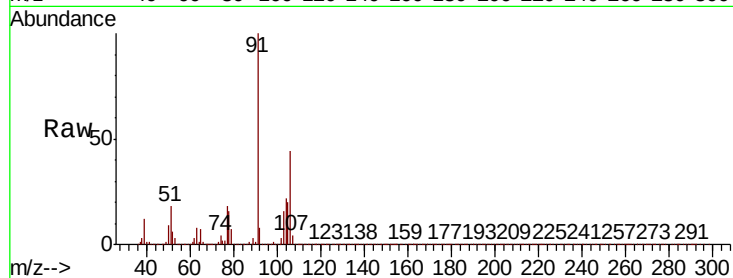
#69
o-Xylene
Concen: 51.267 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1026767
Ion Ratio Lower Upper
106 100
91 221.0 107.1 321.3

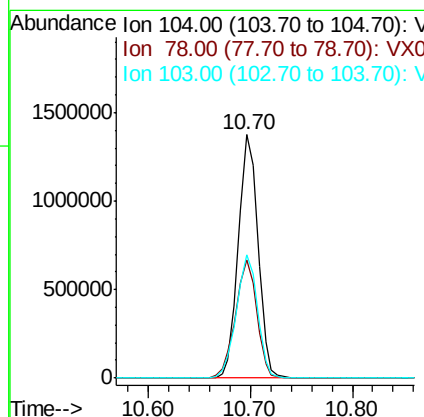
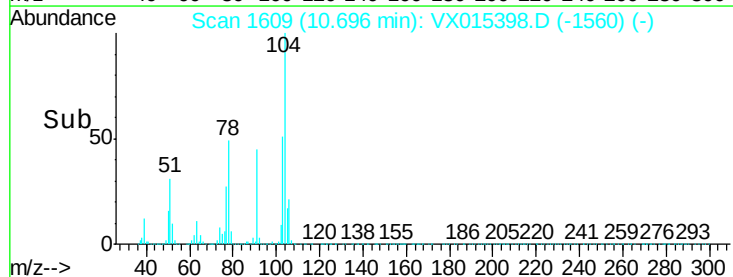
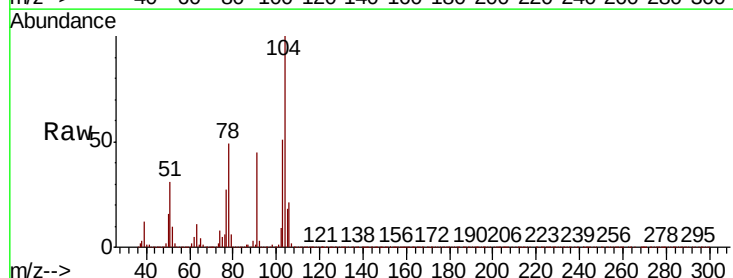
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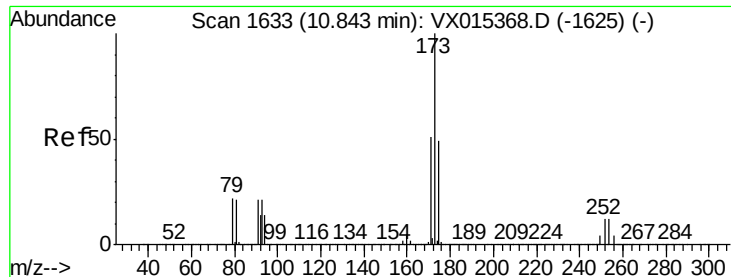
apatel
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#70
Styrene
Concen: 51.694 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion:104 Resp: 1821825
Ion Ratio Lower Upper
104 100
78 52.9 42.0 63.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 49.294 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 550177

Ion Ratio Lower Upper

173 100

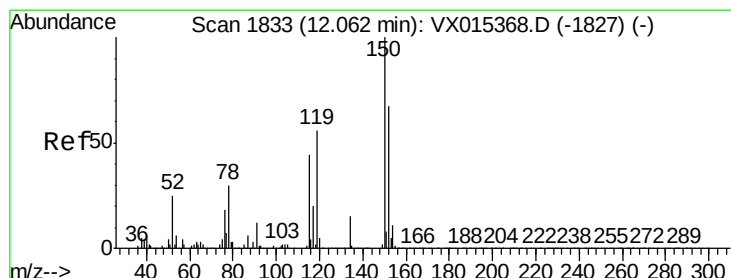
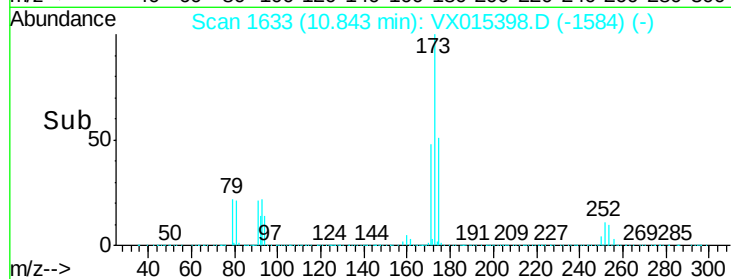
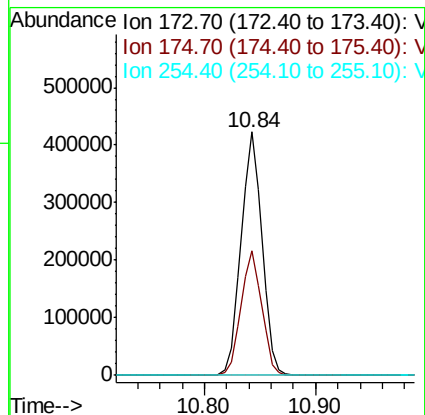
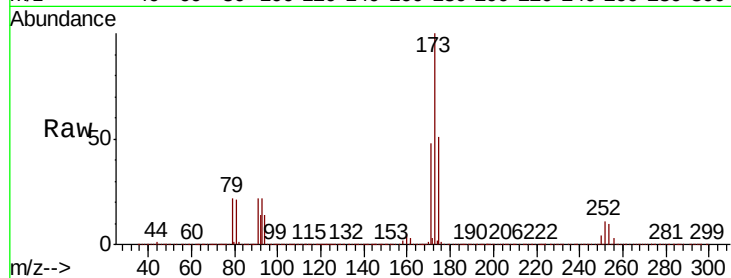
175 50.6 23.9 71.7

254 0.4 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

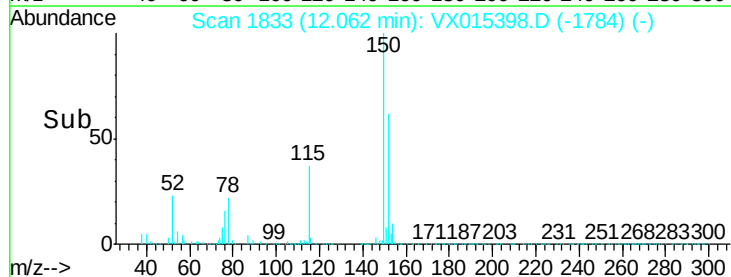
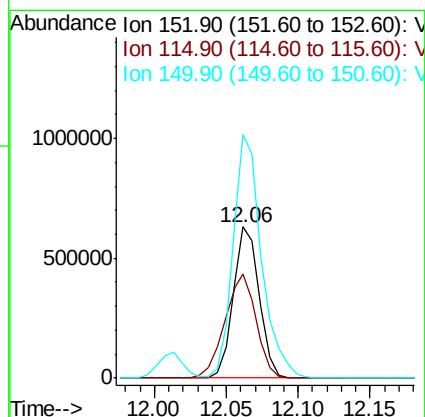
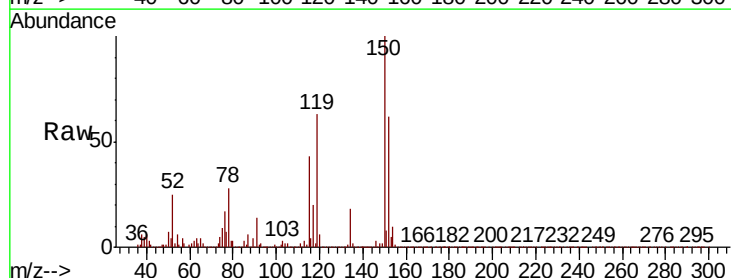
Tgt Ion:152 Resp: 795659

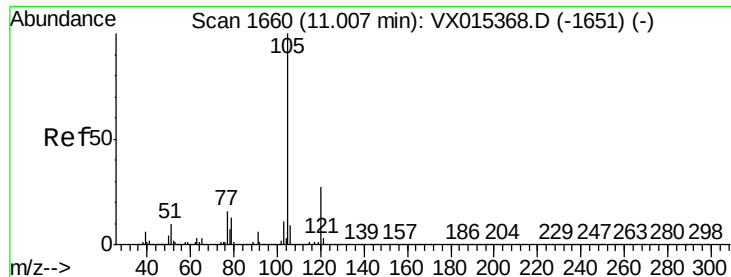
Ion Ratio Lower Upper

152 100

115 82.4 39.0 116.9

150 176.1 0.0 340.8





#73

Isopropylbenzene

Concen: 52.302 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2726654

Ion Ratio Lower Upper

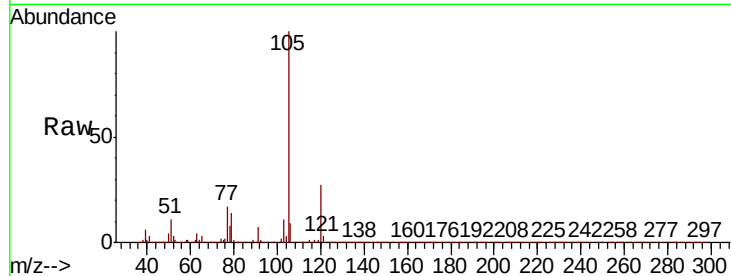
105 100

120 27.1 13.2 39.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

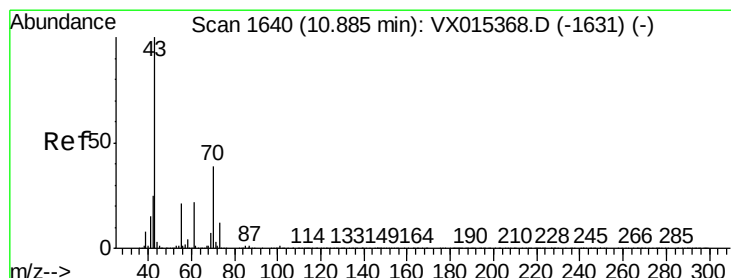
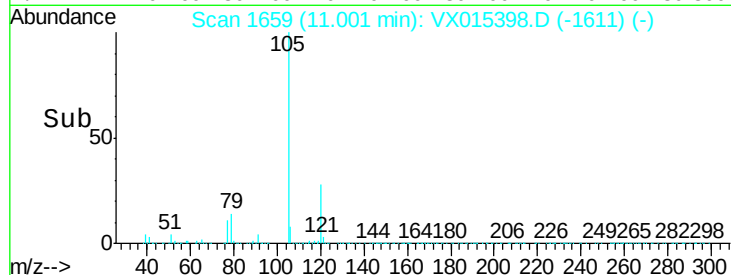
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.186 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion: 43 Resp: 1484162

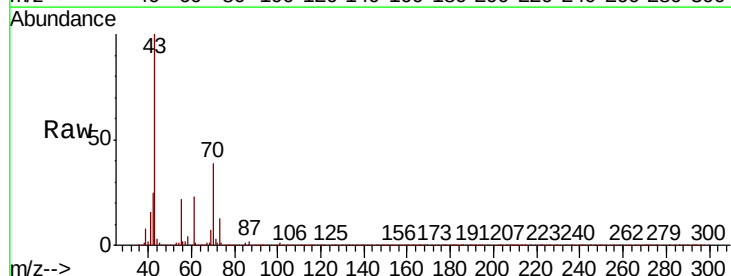
Ion Ratio Lower Upper

43 100

70 38.1 30.2 45.4

55 22.0 16.8 25.2

61 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

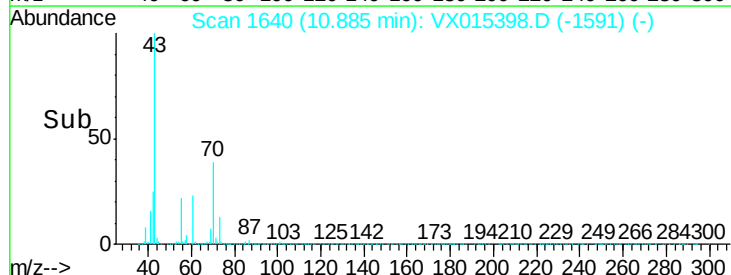
1500000

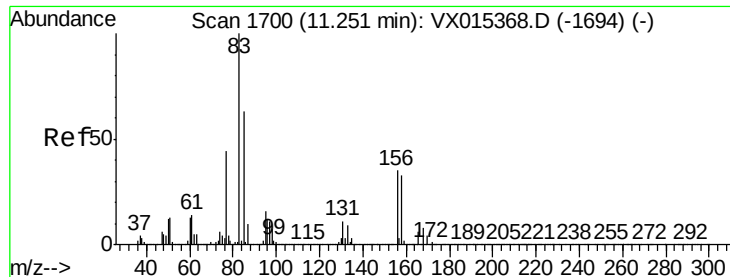
1000000

500000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 50.669 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

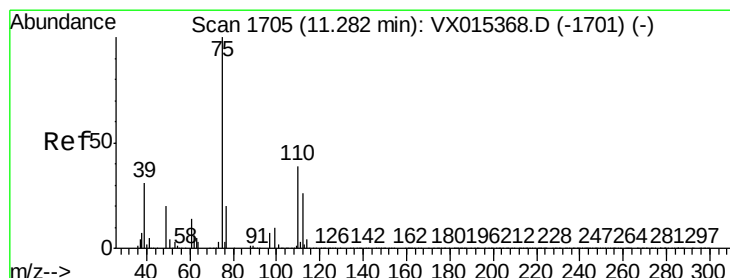
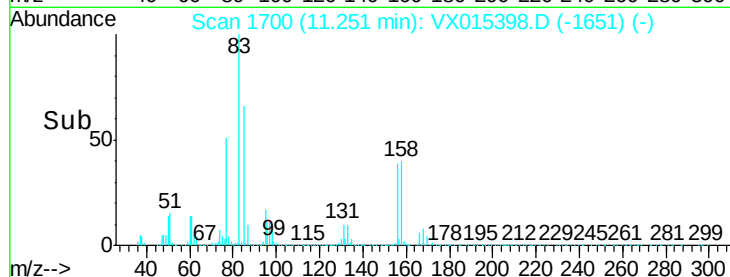
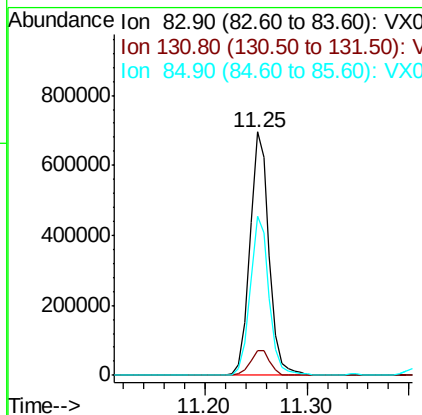
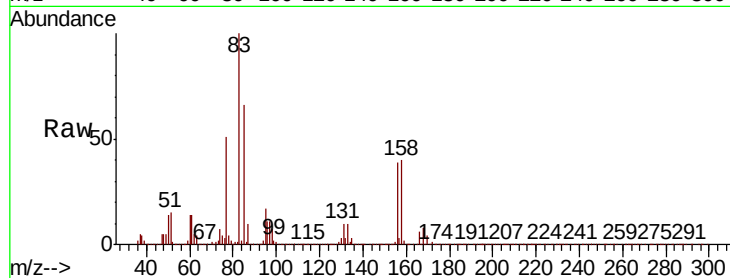
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	906413
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.5	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.369 ug/l m

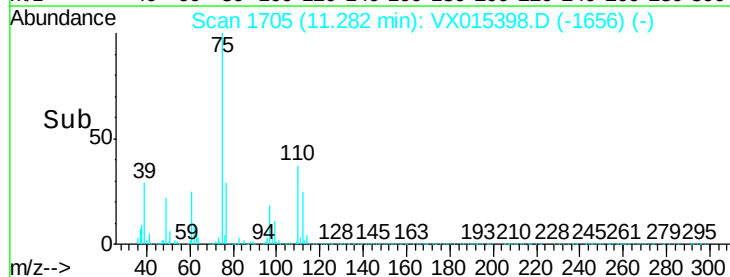
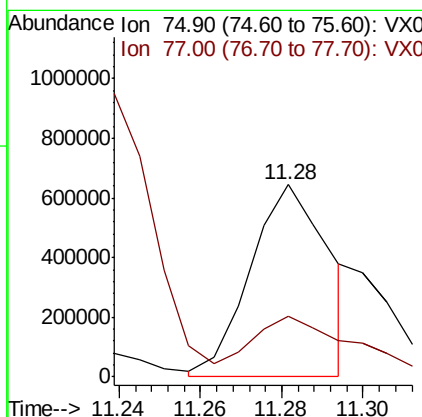
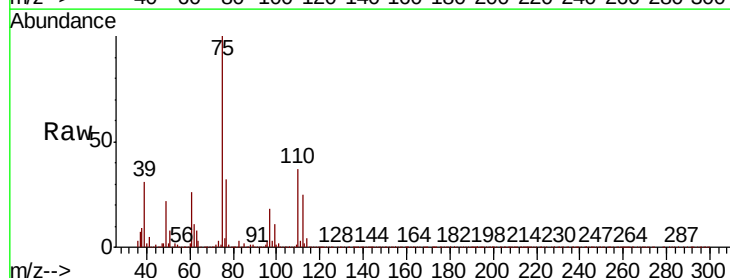
RT: 11.28 min Scan# 1705

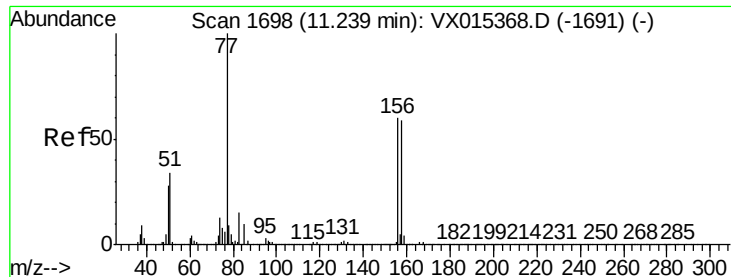
Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion:	75	Resp:	856869
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.2	63.6





#77

Bromobenzene

Concen: 51.972 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

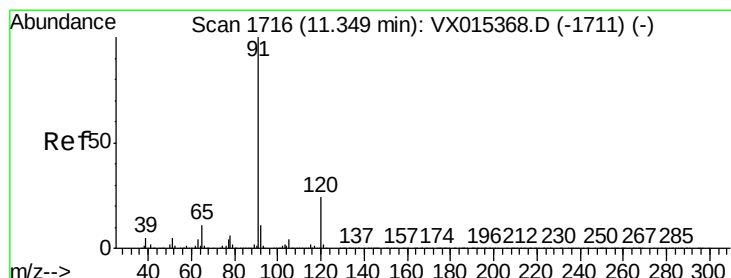
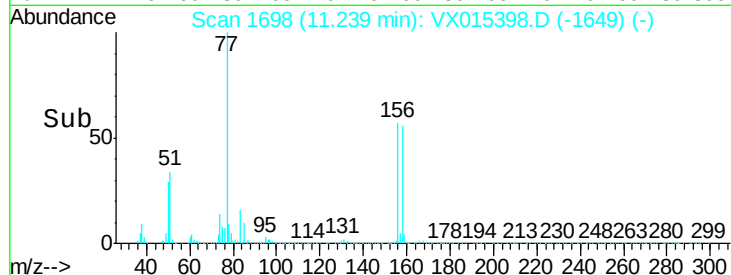
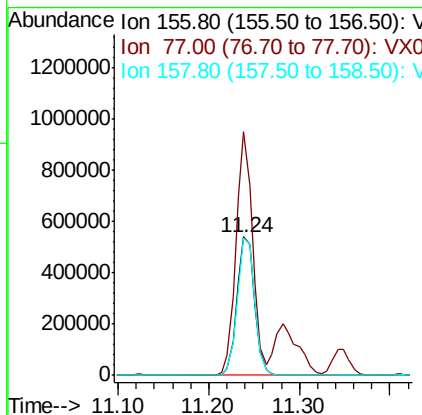
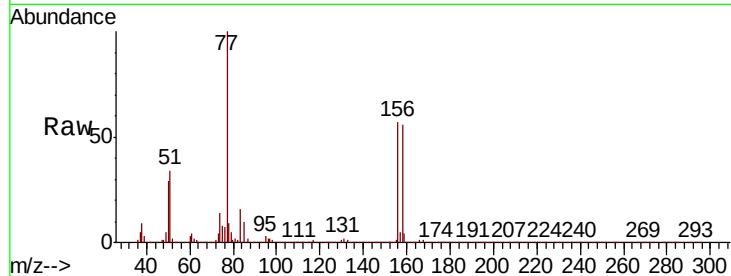
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	722723
Ion Ratio	Lower	Upper	
156	100		
77	166.0	82.2	246.5
158	97.7	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 53.170 ug/l

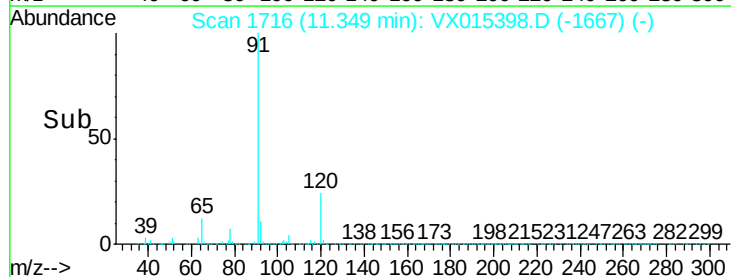
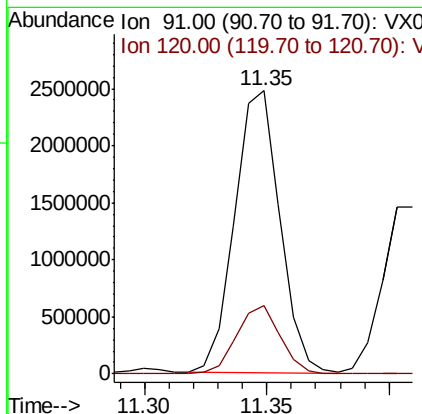
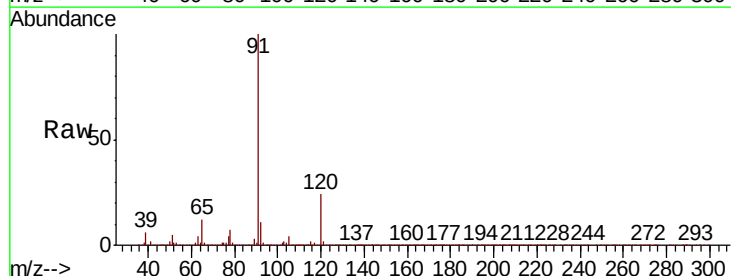
RT: 11.35 min Scan# 1716

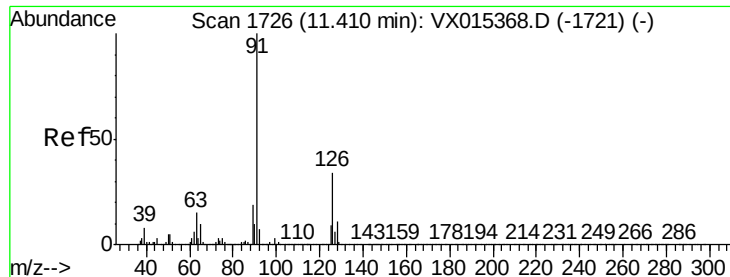
Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Tgt Ion:	91	Resp:	3169577
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 52.929 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1933944

Ion Ratio Lower Upper

91 100

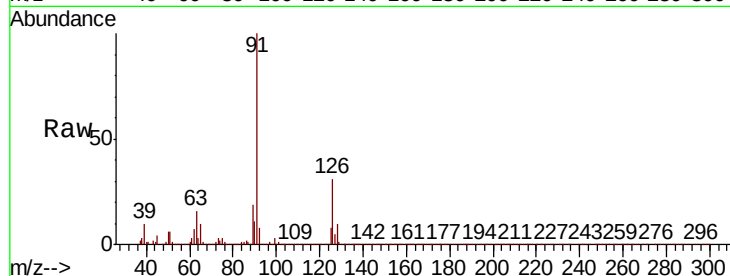
126 33.3 16.5 49.5

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Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1721) (-)

Ion 125.90 (125.60 to 126.60): VX015368.D (-1721) (-)

2500000

2000000

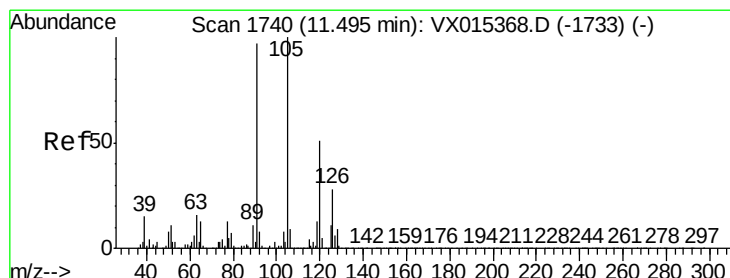
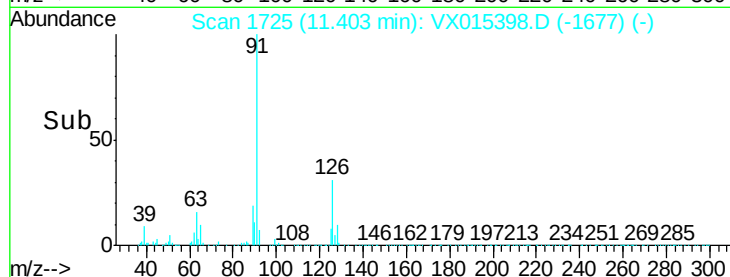
1500000

1000000

500000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 52.623 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015398.D

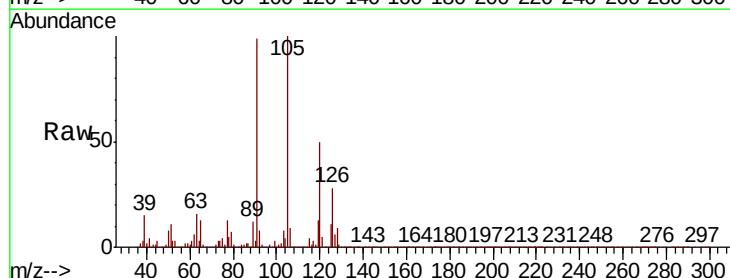
Acq: 27 Mar 2020 22:15

Tgt Ion: 105 Resp: 2342936

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX015368.D (-1733) (-)

Ion 120.00 (119.70 to 120.70): VX015368.D (-1733) (-)

2000000

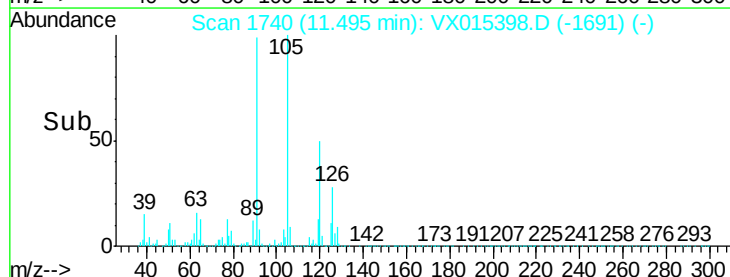
1500000

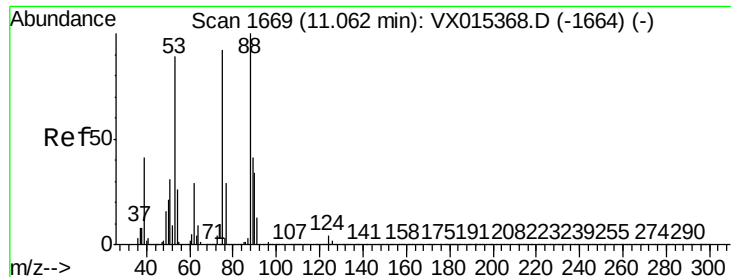
1000000

500000

0

11.40 11.50





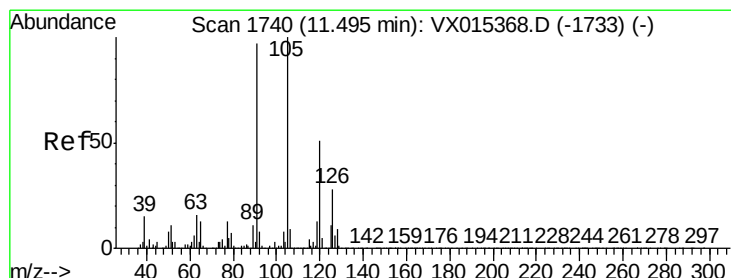
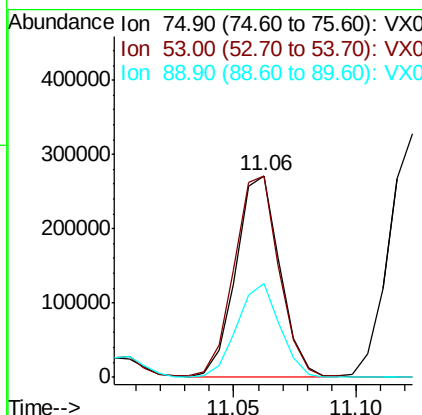
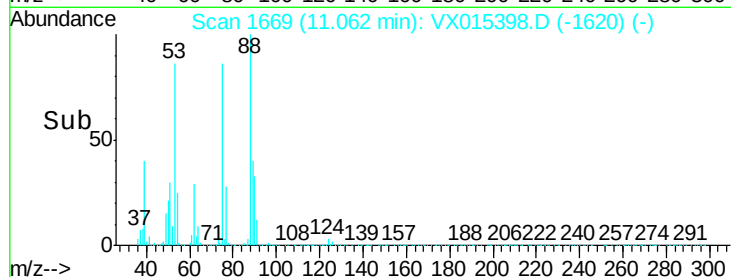
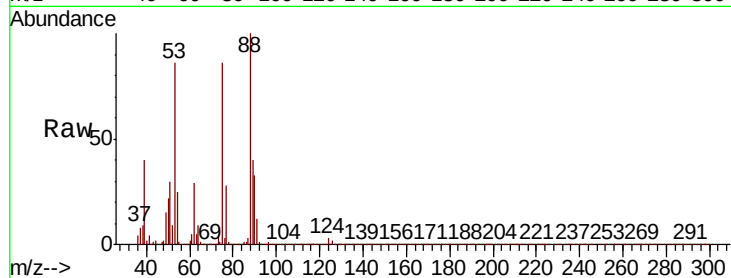
#81
trans-1,4-Dichloro-2-butene
Concen: 49.328 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	80.1	120.1
89	45.8	36.1	54.1

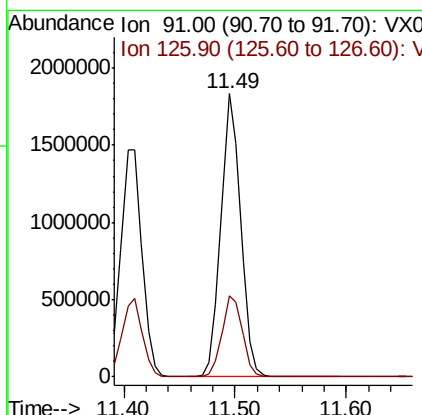
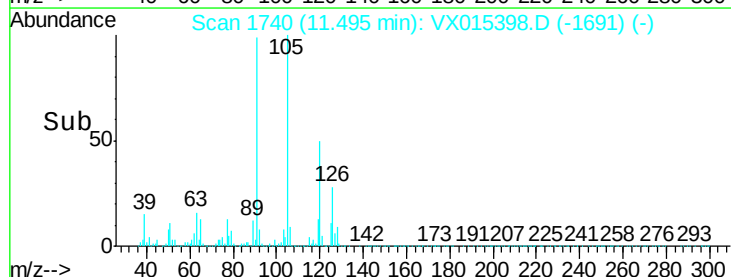
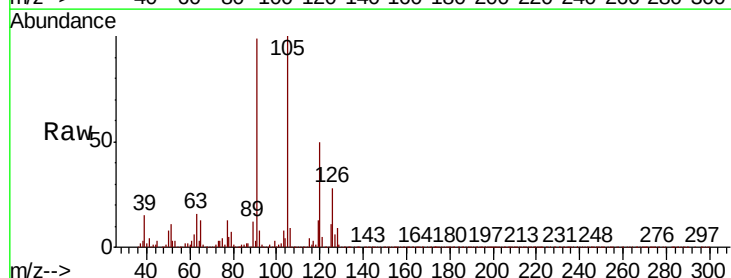
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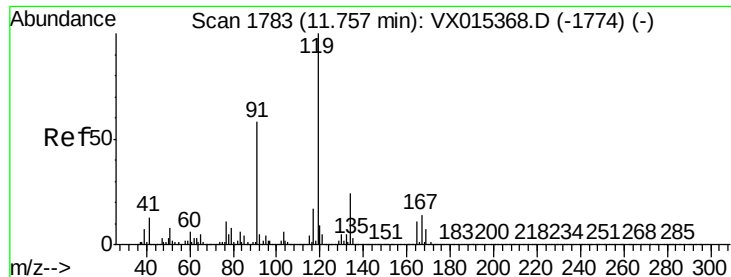
apatel
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#82
4-Chlorotoluene
Concen: 52.865 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.7	44.1





#83

tert-Butylbenzene

Concen: 53.480 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015398.D

Acq: 27 Mar 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 2325848

Ion Ratio Lower Upper

119 100

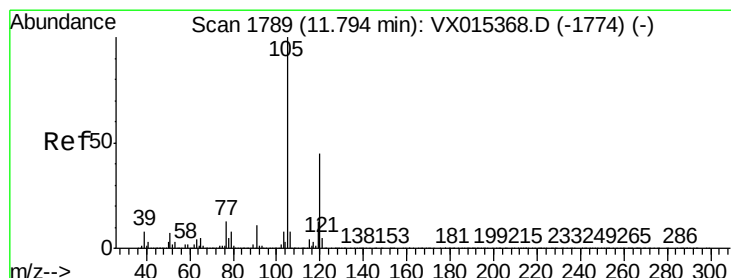
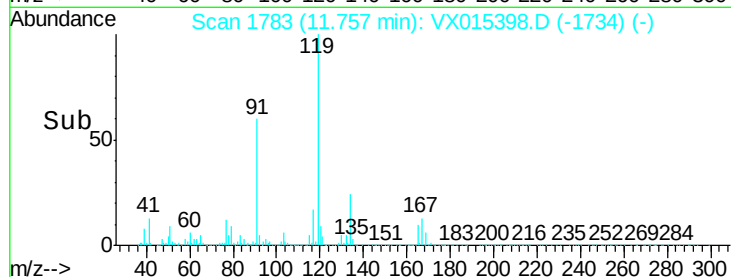
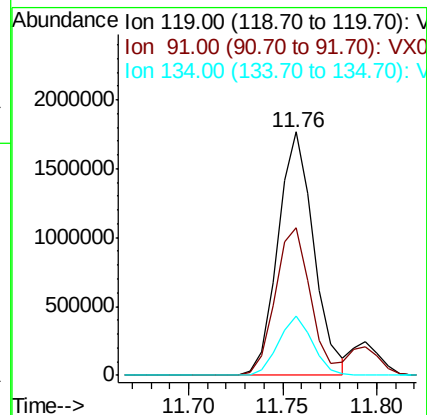
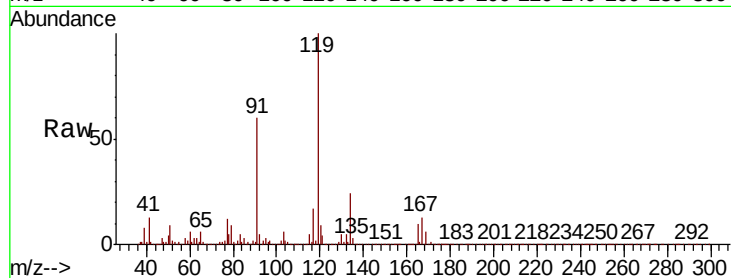
91 60.2 28.6 85.8

134 23.2 11.8 35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.775 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015398.D

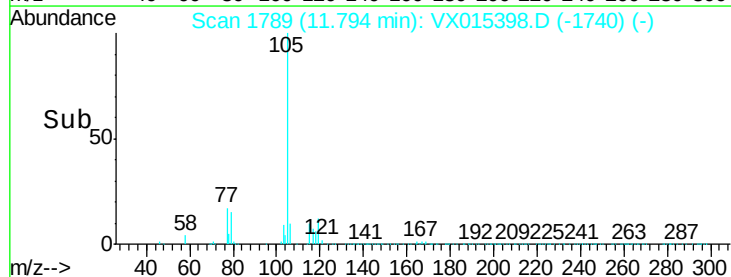
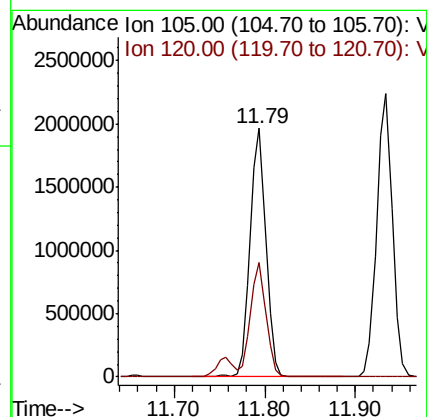
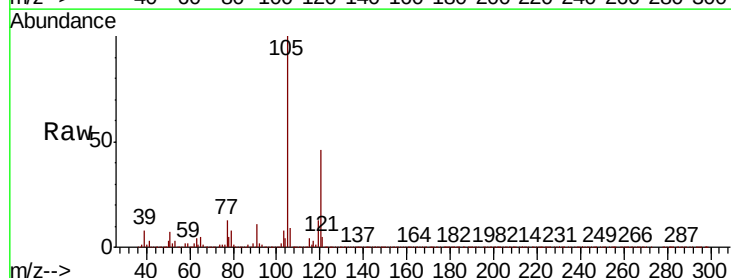
Acq: 27 Mar 2020 22:15

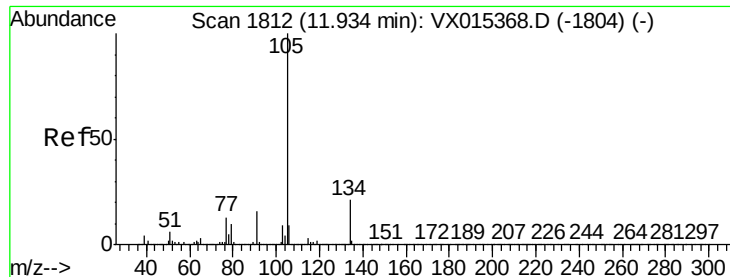
Tgt Ion:105 Resp: 2394491

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1





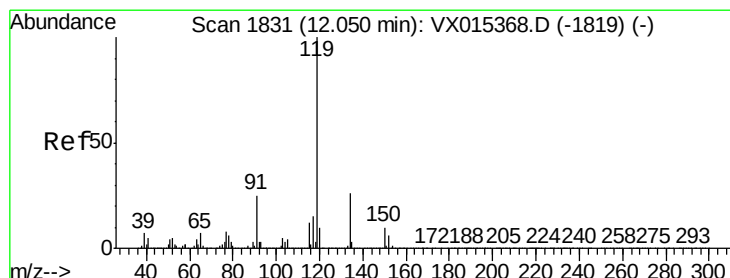
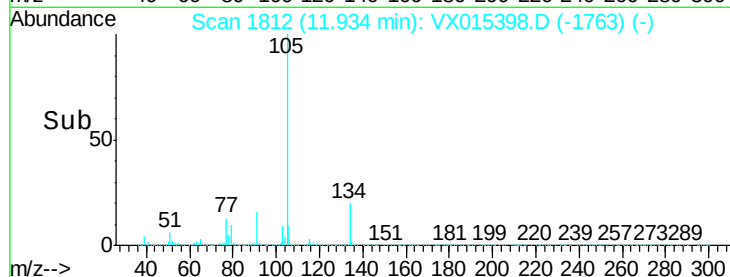
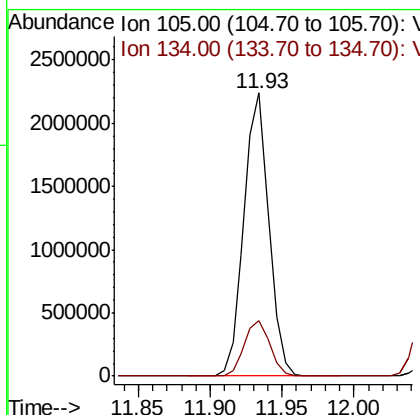
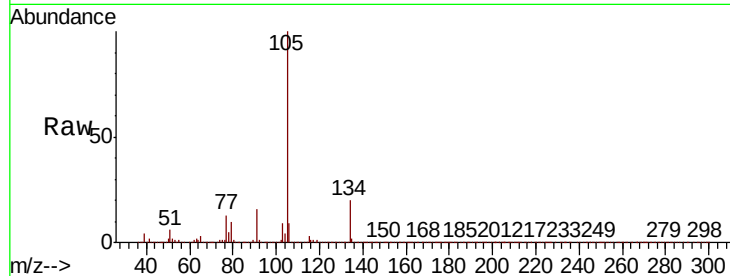
#85
 sec-Butylbenzene
 Concen: 53.383 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 2685056
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

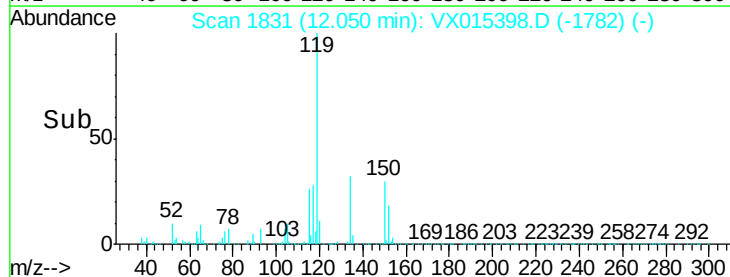
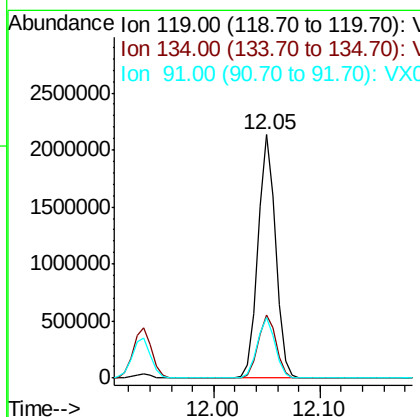
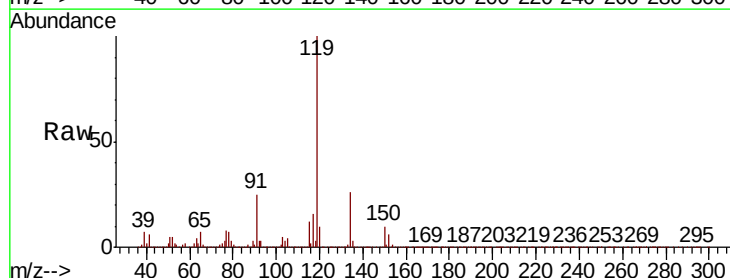
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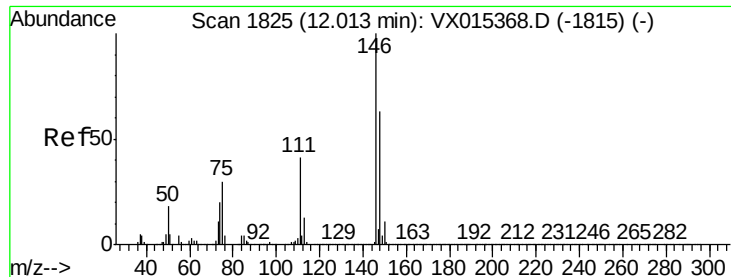
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#86
 p-Isopropyltoluene
 Concen: 53.156 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion:119 Resp: 2482054
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.9 12.4 37.4





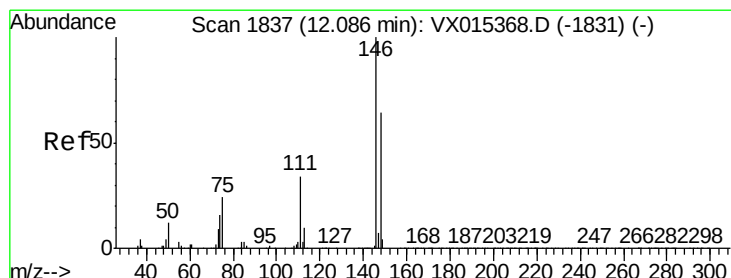
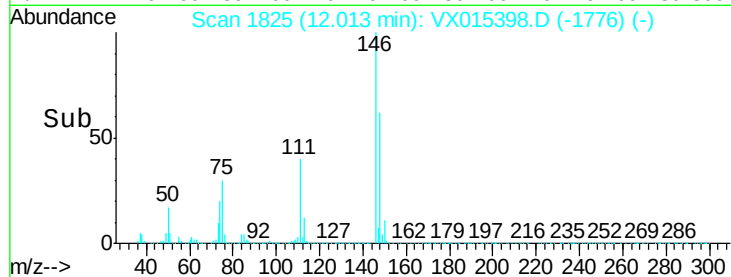
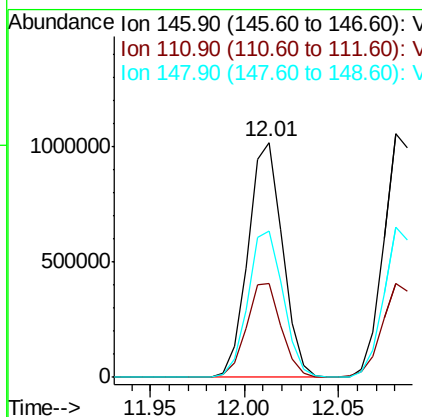
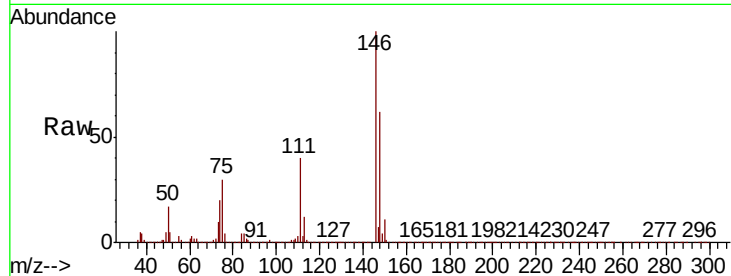
#87
 1,3-Dichlorobenzene
 Concen: 51.844 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	63.4	31.3	93.9

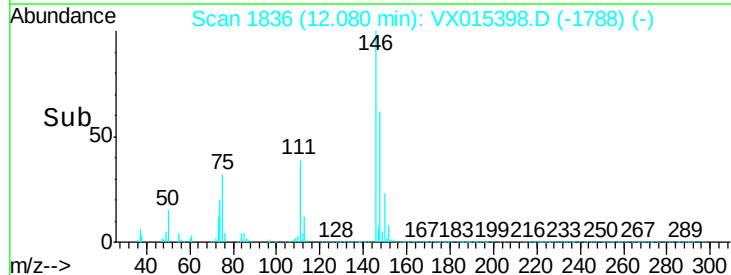
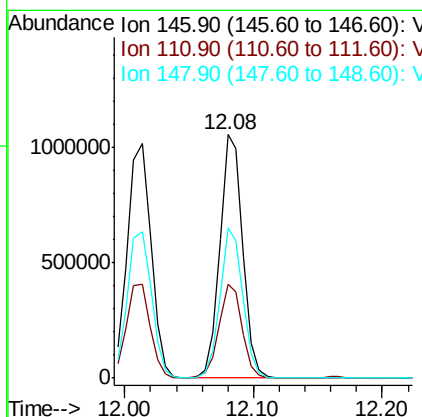
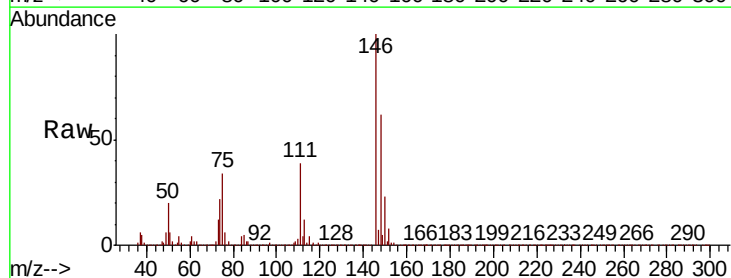
Manual Integrations
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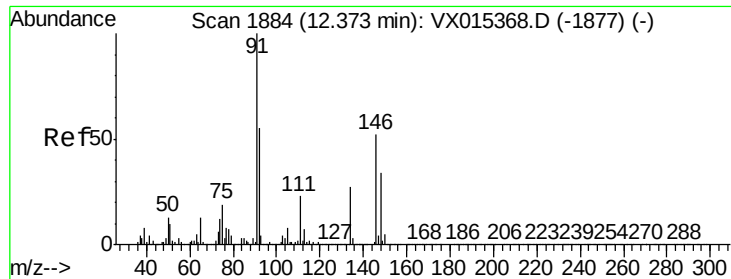
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#88
 1,4-Dichlorobenzene
 Concen: 51.890 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.5
148	61.8	32.4	97.2





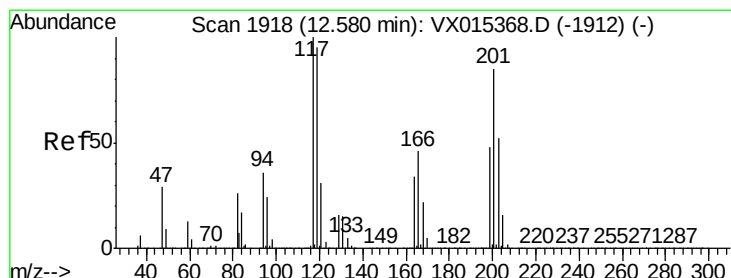
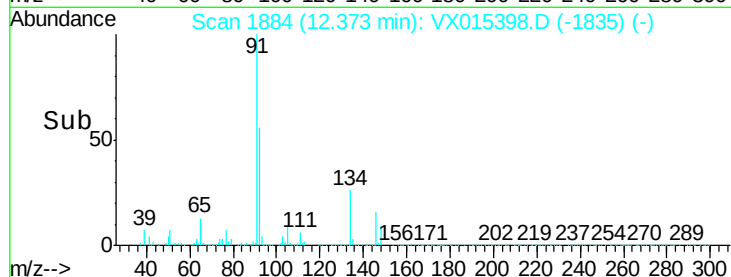
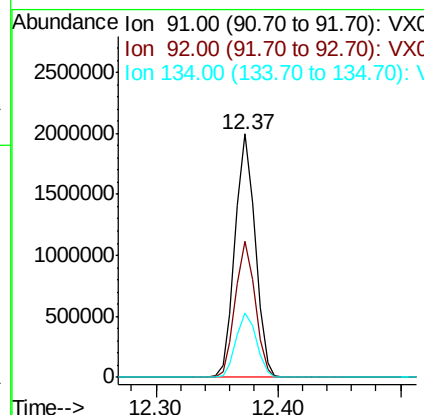
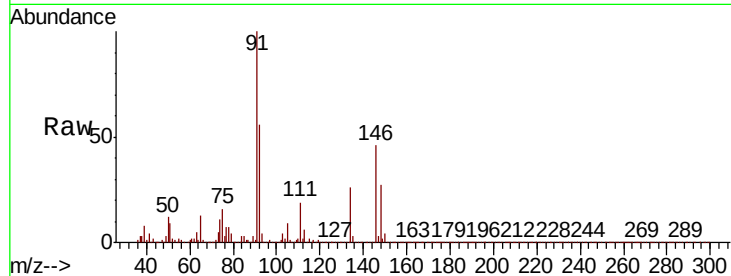
#89
n-Butylbenzene
Concen: 53.643 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.5
134	26.7	13.4	40.2

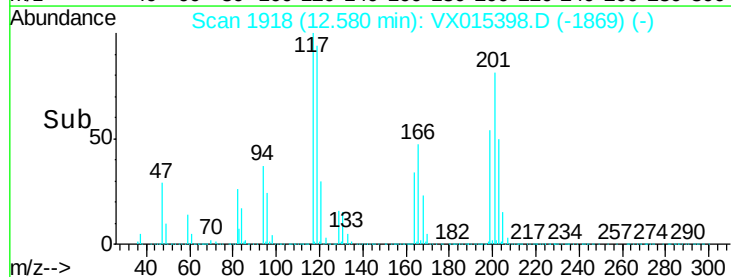
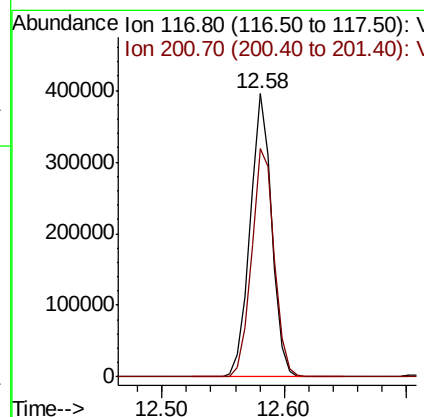
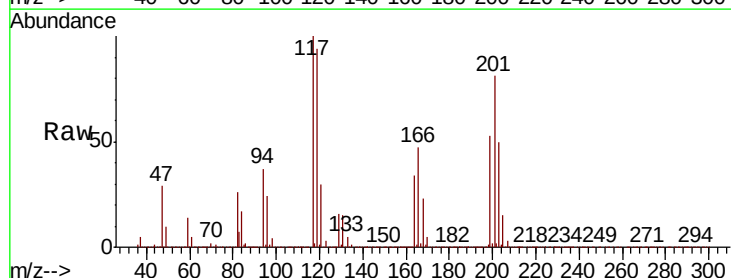
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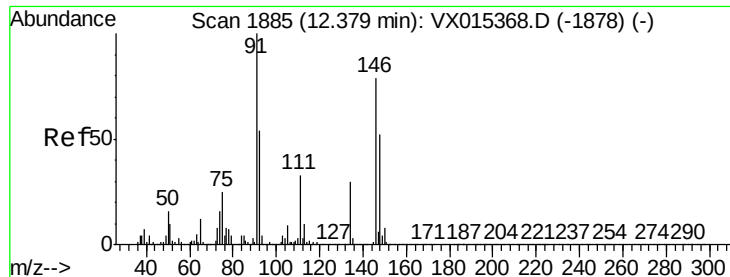
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#90
Hexachloroethane
Concen: 53.388 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	42.6	128.0





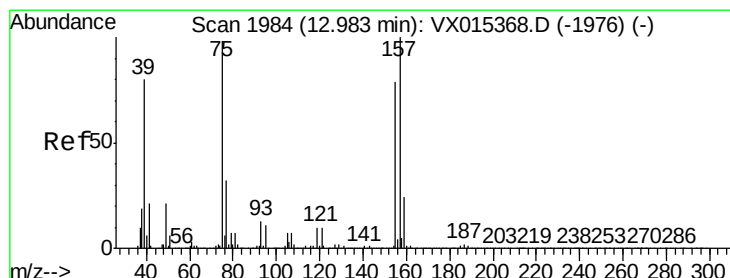
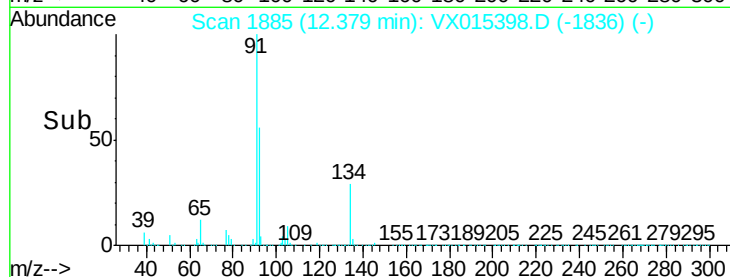
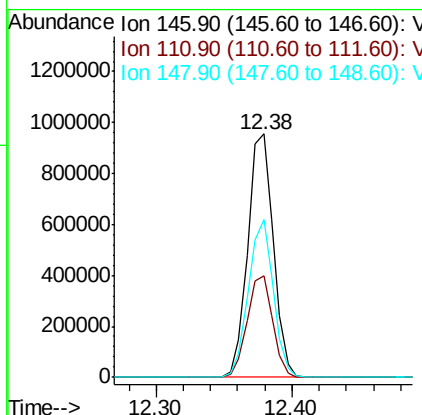
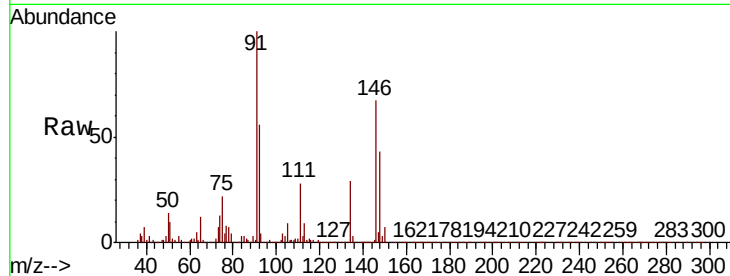
#91
 1,2-Dichlorobenzene
 Concen: 51.903 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	63.1	32.4	97.0

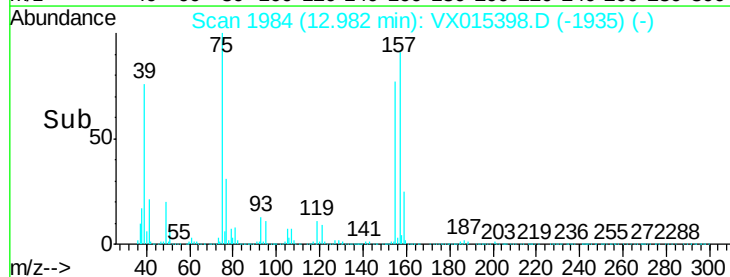
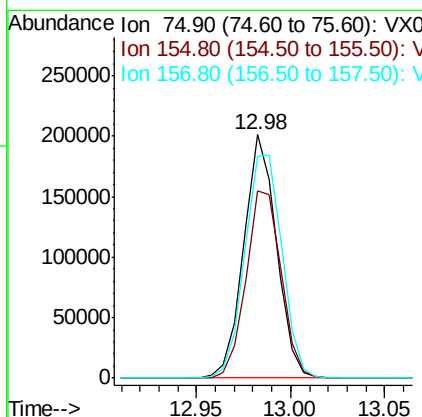
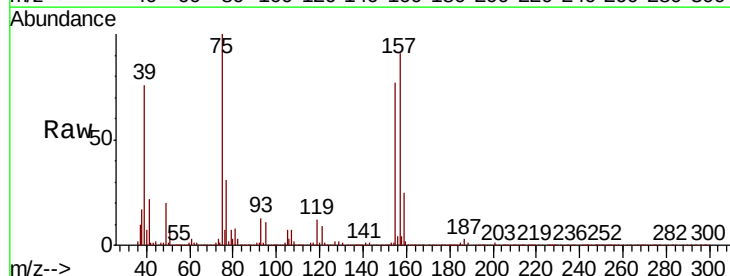
Manual Integrations
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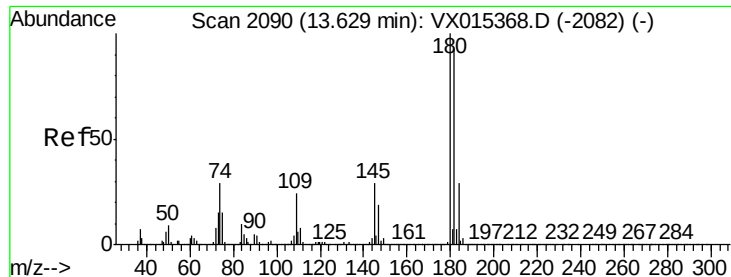
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.822 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	42.8	128.4
157	104.9	53.4	160.3





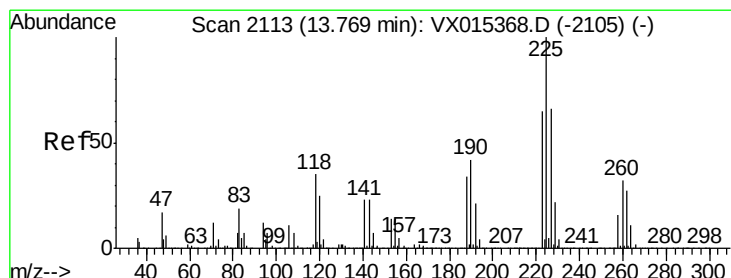
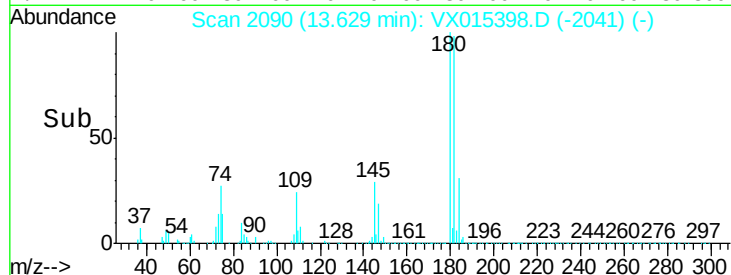
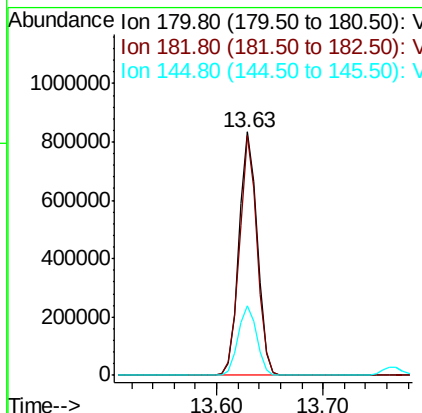
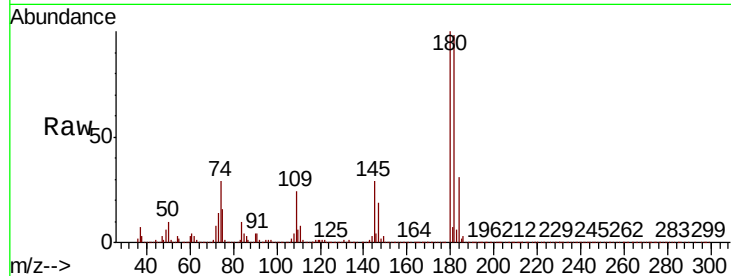
#93
 1,2,4-Trichlorobenzene
 Concen: 52.094 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.7
145	29.3	14.9	44.5

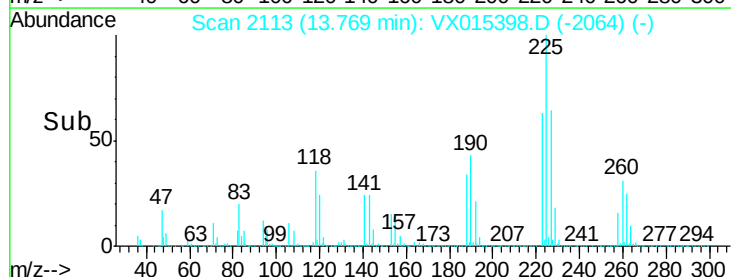
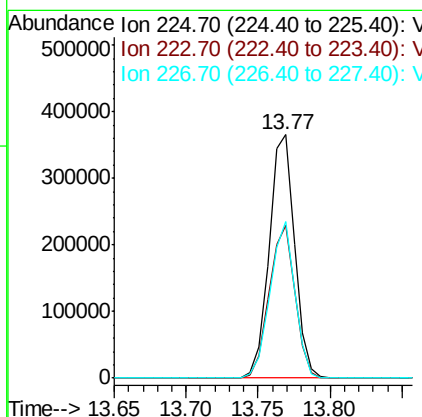
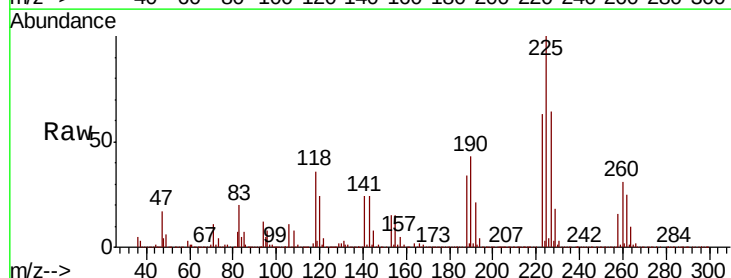
Manual Integrations
 APPROVED

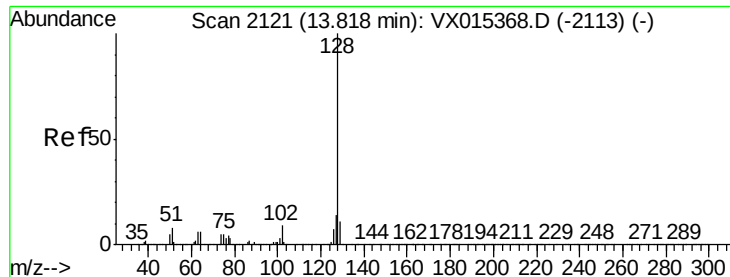
apatel
 3/30/2020 3:00:06 PM



#94
 Hexachlorobutadiene
 Concen: 48.578 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015398.D
 Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.7
227	62.9	30.4	91.3





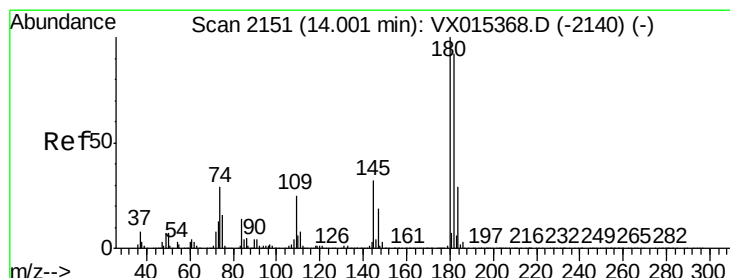
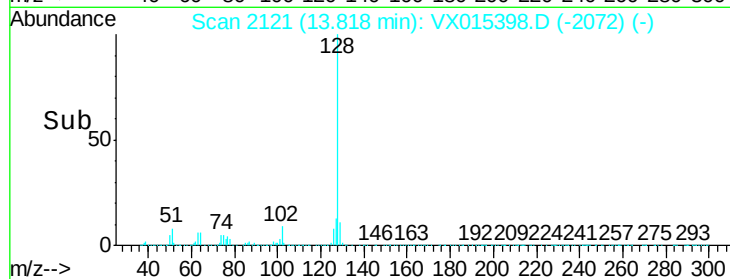
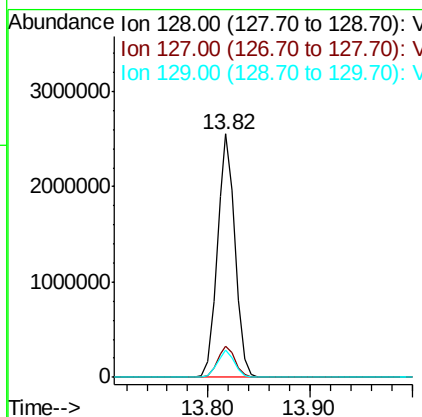
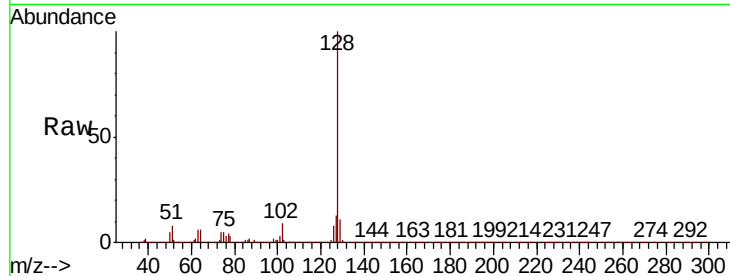
#95
Naphthalene
Concen: 52.622 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 51.513 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015398.D
Acq: 27 Mar 2020 22:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.7	140.0
145	33.5	15.8	47.3

