

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015396.D
 Acq On : 27 Mar 2020 20:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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 3/30/2020 3:00:01 PM

Quant Time: Mar 30 01:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1077301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1754159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1600231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	830226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	717970	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.47	113	530275	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	8.70	98	1941725	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.12	95	792994	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	513490	54.102	ug/l	100
3) Chloromethane	1.31	50	580667	48.041	ug/l	99
4) Vinyl Chloride	1.39	62	553229	49.847	ug/l	98
5) Bromomethane	1.62	94	243421	47.113	ug/l	98
6) Chloroethane	1.70	64	348244	50.592	ug/l	100
7) Trichlorofluoromethane	1.91	101	766627	51.506	ug/l	99
8) Diethyl Ether	2.17	74	292098	46.528	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	500271	51.559	ug/l	98
10) Methyl Iodide	2.49	142	401318	30.677	ug/l	100
11) Tert butyl alcohol	3.01	59	878695	241.612	ug/l	100
12) 1,1-Dichloroethene	2.36	96	523868	51.507	ug/l	100
13) Acrolein	2.27	56	276864	133.642	ug/l	98
14) Allyl chloride	2.70	41	1189281	50.043	ug/l	99
15) Acrylonitrile	3.12	53	1713907	247.116	ug/l	100
16) Acetone	2.42	43	1592832	244.009	ug/l	98
17) Carbon Disulfide	2.55	76	1559148	50.252	ug/l	100
18) Methyl Acetate	2.75	43	828880	49.751	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1947339	49.366	ug/l	99
20) Methylene Chloride	2.83	84	590769	48.452	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	552841	48.977	ug/l	97
22) Diisopropyl ether	3.83	45	2125753	50.479	ug/l	97
23) Vinyl Acetate	3.79	43	9665038	253.489	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1105176	49.845	ug/l	99
25) 2-Butanone	4.64	43	2567735	244.593	ug/l	97
26) 2,2-Dichloropropane	4.56	77	857822	47.135	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	641457	49.119	ug/l	97
28) Bromochloromethane	4.98	49	520201	49.140	ug/l	99
29) Tetrahydrofuran	5.09	42	1646178	243.918	ug/l	100
30) Chloroform	5.18	83	1064724	49.913	ug/l	97
31) Cyclohexane	5.55	56	1017760	52.914	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	973752	50.440	ug/l	99
36) 1,1-Dichloropropene	5.77	75	804948	49.803	ug/l	100
37) Ethyl Acetate	4.80	43	1018435	48.393	ug/l	100
38) Carbon Tetrachloride	5.76	117	866237	49.483	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	953705	51.177	ug/l	97
40) Benzene	6.12	78	2324574	49.099	ug/l	99
41) Methacrylonitrile	5.01	41	583213	49.922	ug/l	99
42) 1,2-Dichloroethane	6.17	62	936306	49.234	ug/l	100
43) Isopropyl Acetate	6.42	43	1742548	49.050	ug/l	100
44) Trichloroethene	7.19	130	643566	49.842	ug/l	96
45) 1,2-Dichloropropane	7.50	63	635521	49.069	ug/l	100
46) Dibromomethane	7.64	93	414175	48.750	ug/l	99
47) Bromodichloromethane	7.88	83	884628	48.866	ug/l	97
48) Methyl methacrylate	7.75	41	872336	49.160	ug/l	100
49) 1,4-Dioxane	7.72	88	316946	957.456	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4959263	246.322	ug/l	99
52) Toluene	8.77	92	1446459	49.555	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1005958	47.380	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1039811	48.077	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	582790	48.732	ug/l	97
56) Ethyl methacrylate	9.16	69	1041042	49.394	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1028117	47.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2464395	240.393	ug/l	99
59) 2-Hexanone	9.48	43	3789730	249.321	ug/l	100
60) Dibromochloromethane	9.57	129	702345	48.875	ug/l	98
61) 1,2-Dibromoethane	9.65	107	625545	48.106	ug/l	100
64) Tetrachloroethene	9.32	164	587060	48.612	ug/l	98
65) Chlorobenzene	10.12	112	1577440	49.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	620282	48.651	ug/l	99
67) Ethyl Benzene	10.24	91	2804605	49.550	ug/l	99
68) m/p-Xylenes	10.34	106	2112537	100.232	ug/l	99
69) o-Xylene	10.68	106	1023203	49.129	ug/l	96
70) Styrene	10.70	104	1795370	48.988	ug/l	100
71) Bromoform	10.84	173	551206	47.491	ug/l #	97
73) Isopropylbenzene	11.00	105	2778275	51.073	ug/l	99
74) N-amyl acetate	10.88	43	1484392	49.062	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	904604	48.463	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	852191m	49.915	ug/l	
77) Bromobenzene	11.24	156	697720	48.085	ug/l	97
78) n-propylbenzene	11.35	91	3157166	50.756	ug/l	100
79) 2-Chlorotoluene	11.40	91	1900796	49.856	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2349213	50.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	337055	47.370	ug/l	97
82) 4-Chlorotoluene	11.50	91	2231167	49.920	ug/l	99
83) tert-Butylbenzene	11.76	119	2292771	50.525	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	2385156	50.381	ug/l	99
85) sec-Butylbenzene	11.93	105	2649824	50.489	ug/l	99
86) p-Isopropyltoluene	12.05	119	2492907	51.165	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1257351	48.405	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1282587	48.475	ug/l	99
89) n-Butylbenzene	12.37	91	2247669	51.050	ug/l	100
90) Hexachloroethane	12.58	117	474207	50.005	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1247762	49.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	238985	45.362	ug/l	98

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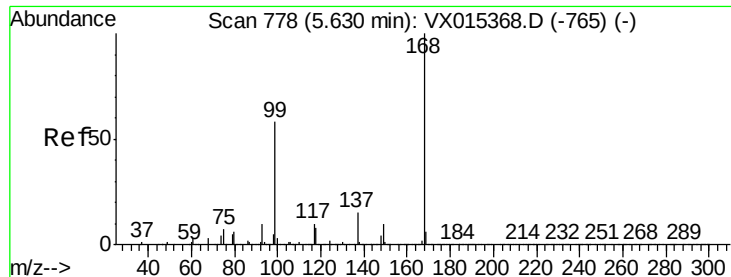
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	991867	49.328	ug/l	99
94) Hexachlorobutadiene	13.77	225	440181	45.979	ug/l	97
95) Naphthalene	13.82	128	3067624	50.014	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	949232	49.032	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 1077301

Ion Ratio Lower Upper

168 100

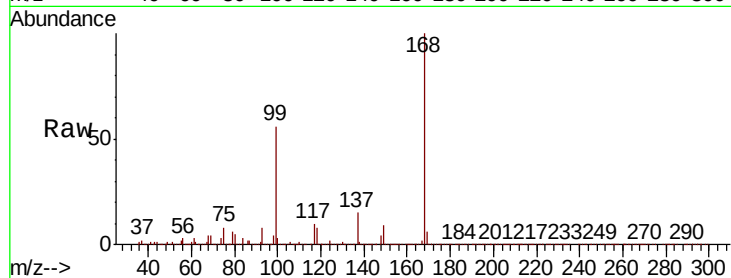
99 55.9 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

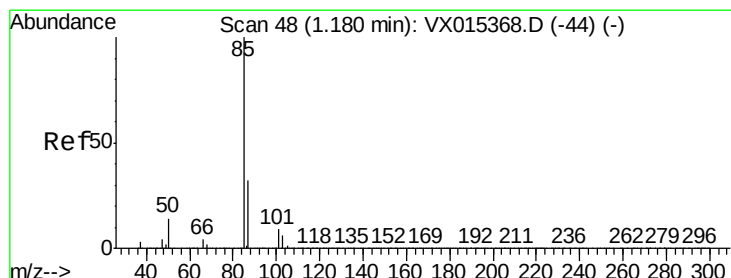
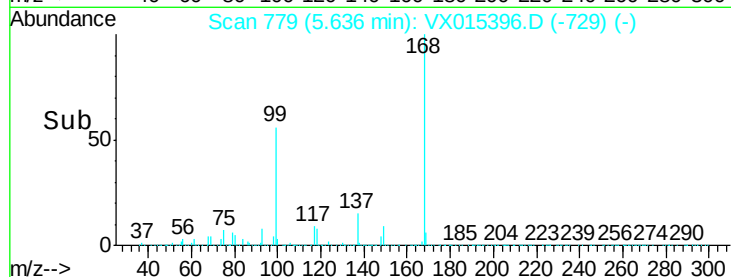
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.102 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015396.D

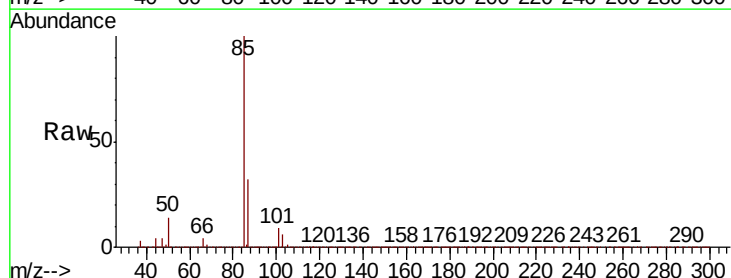
Acq: 27 Mar 2020 20:45

Tgt Ion: 85 Resp: 513490

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600000

500000

400000

300000

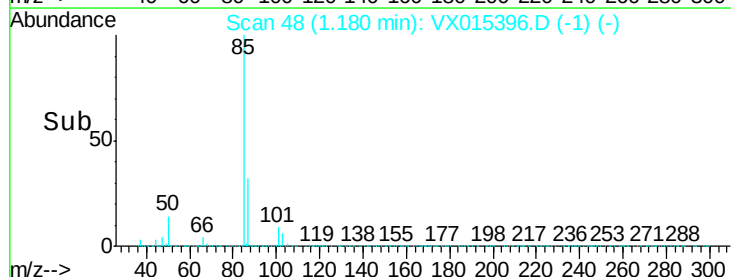
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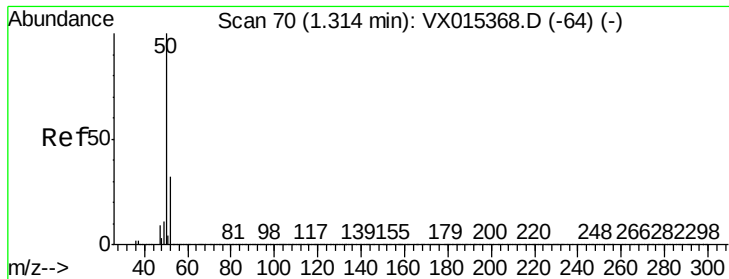
100000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 48.041 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 580667

Ion Ratio Lower Upper

50 100

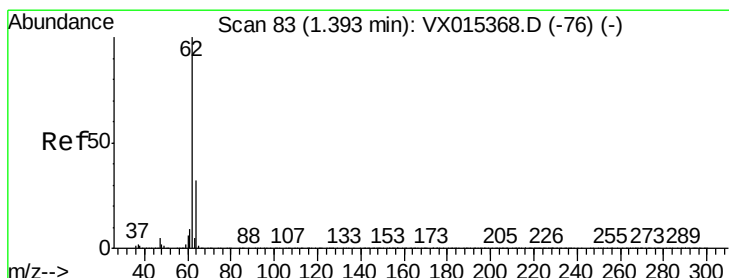
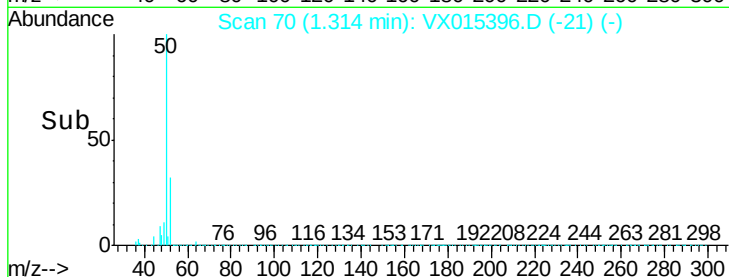
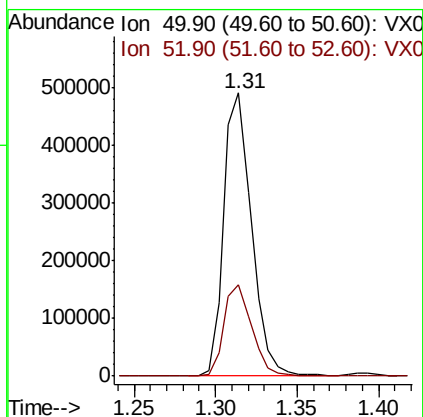
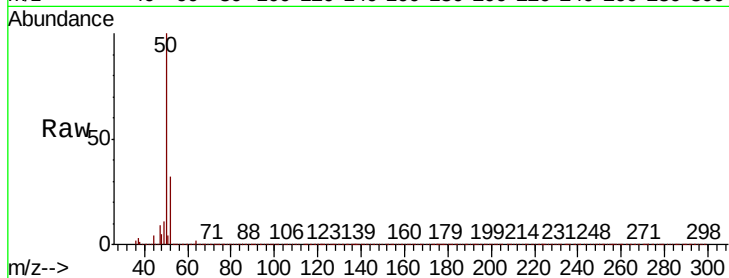
52 32.1 25.3 37.9

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#4

Vinyl Chloride

Concen: 49.847 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015396.D

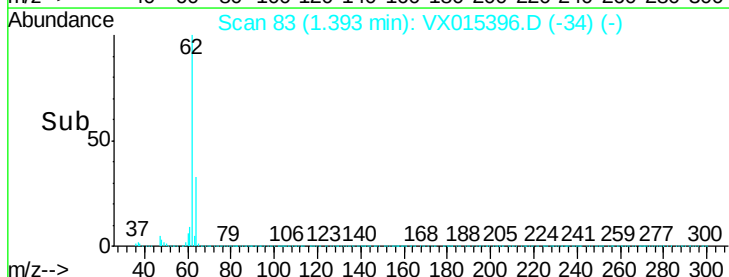
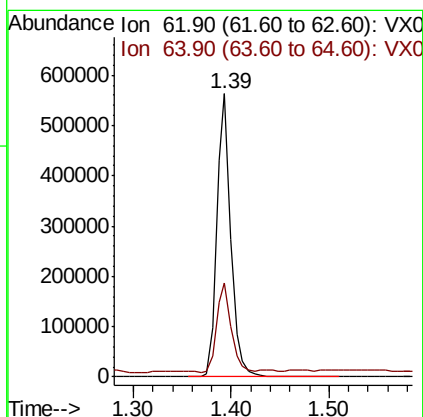
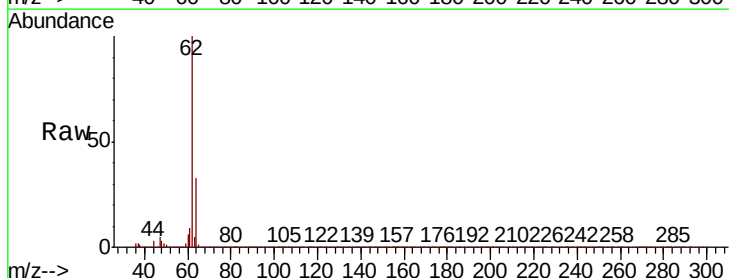
Acq: 27 Mar 2020 20:45

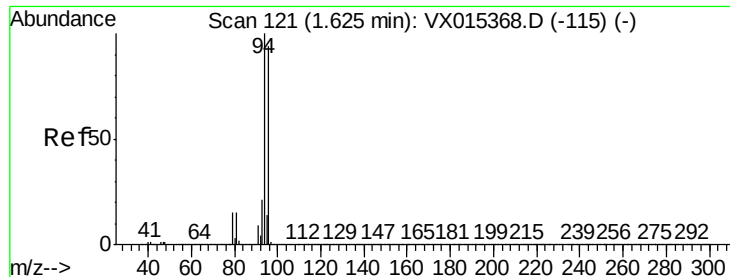
Tgt Ion: 62 Resp: 553229

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 47.113 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 243421

Ion Ratio Lower Upper

94 100

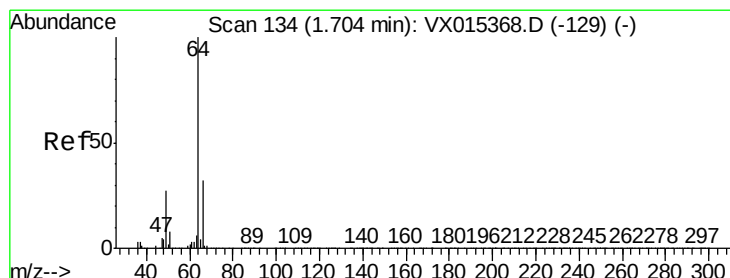
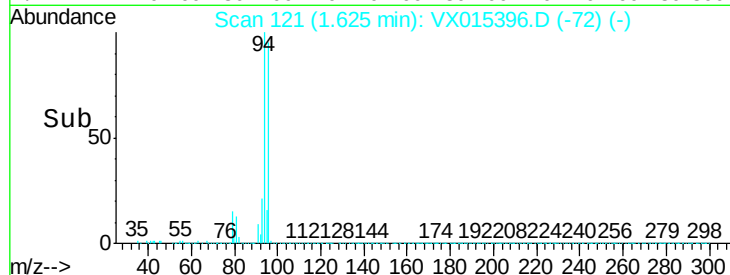
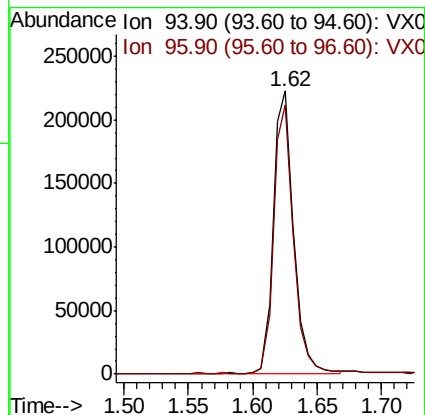
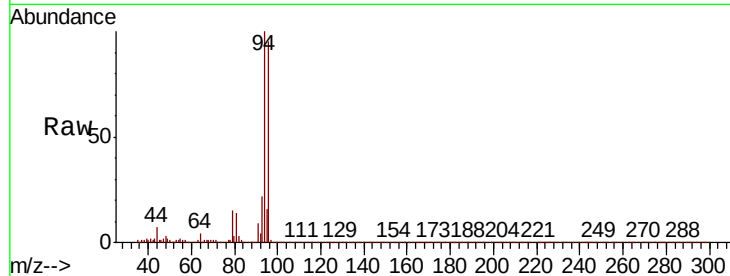
96 95.2 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 50.592 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015396.D

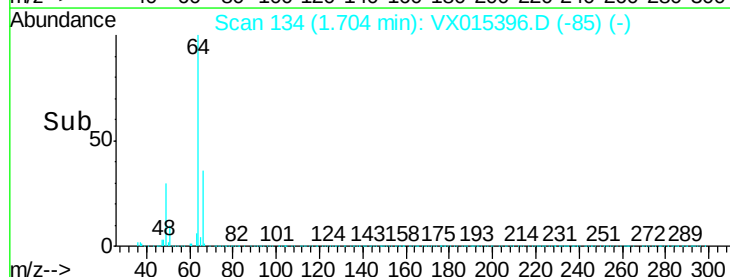
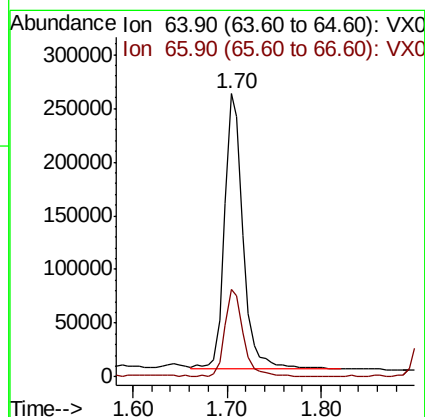
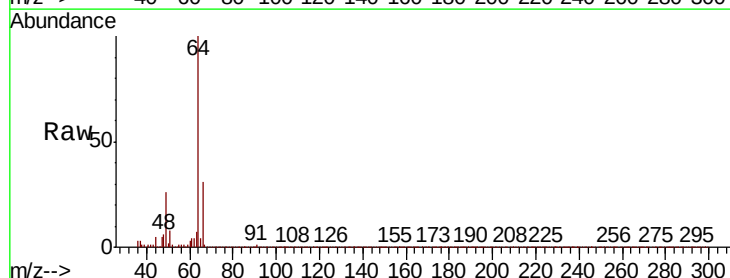
Acq: 27 Mar 2020 20:45

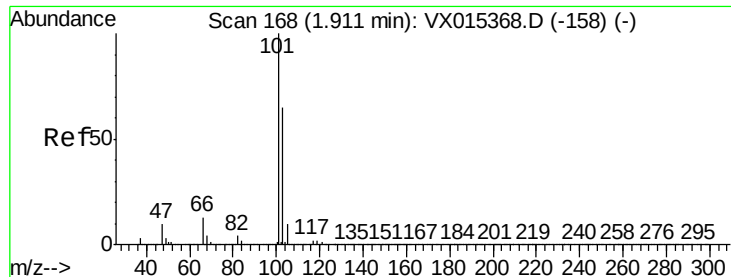
Tgt Ion: 64 Resp: 348244

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2





#7

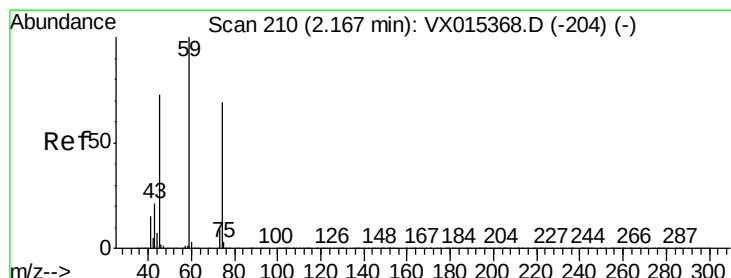
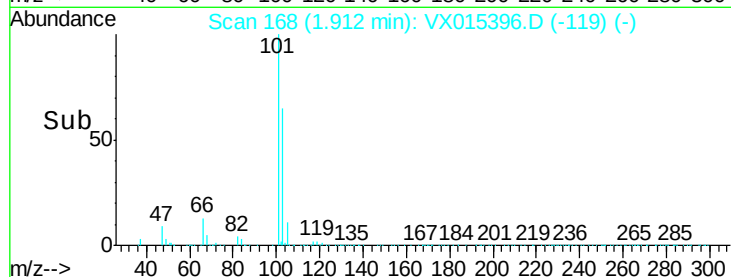
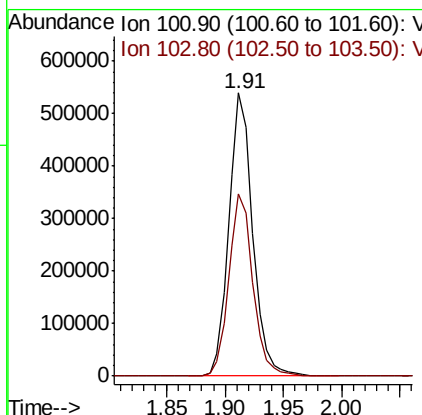
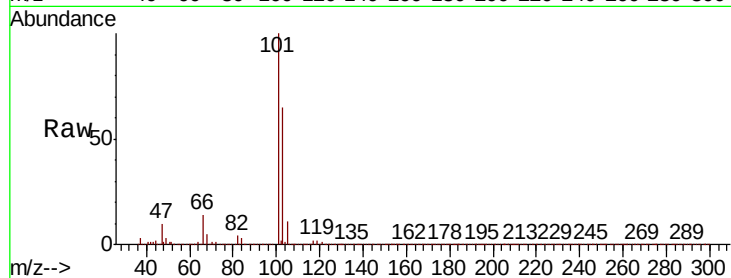
Trichlorofluoromethane
Concen: 51.506 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.3	78.5

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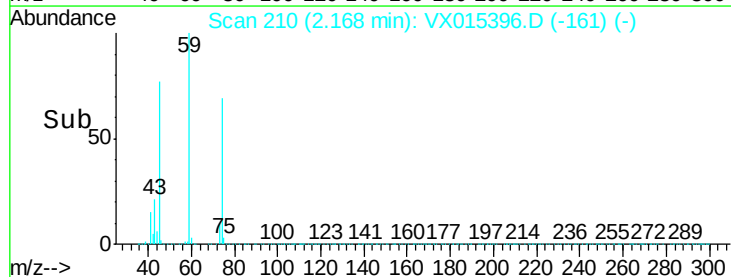
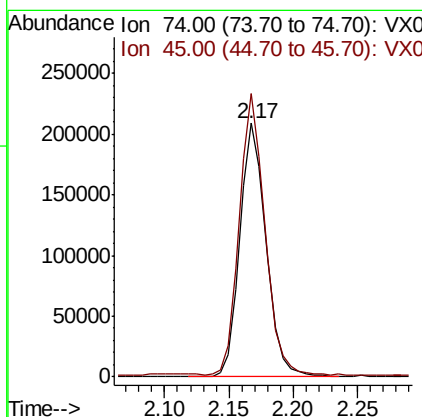
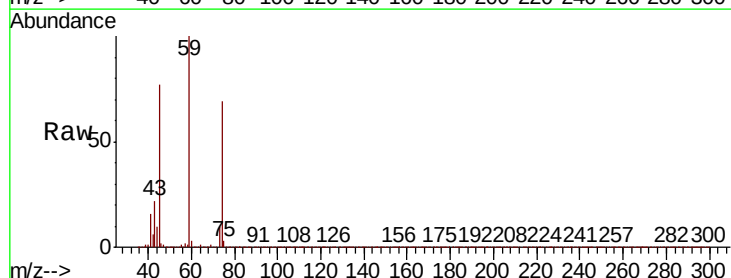
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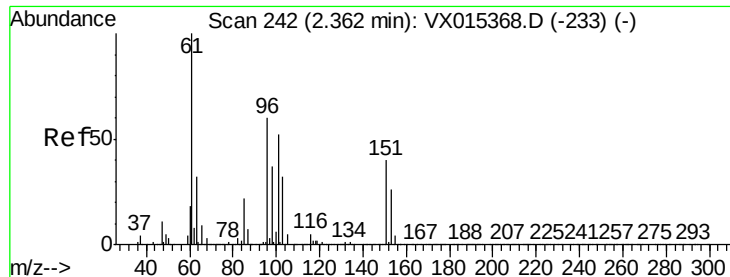


#8

Diethyl Ether
Concen: 46.528 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.5	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.559 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

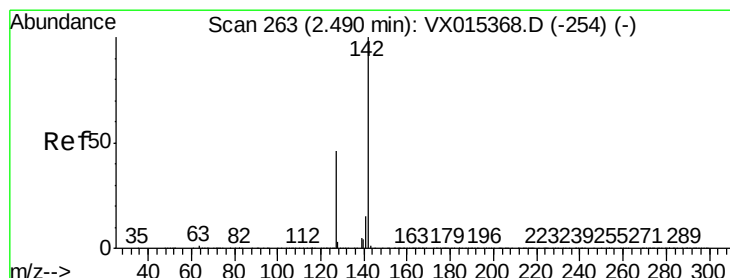
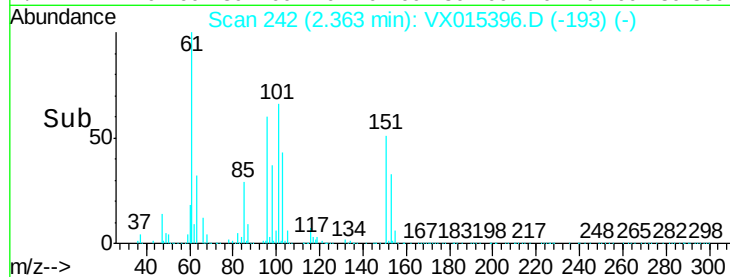
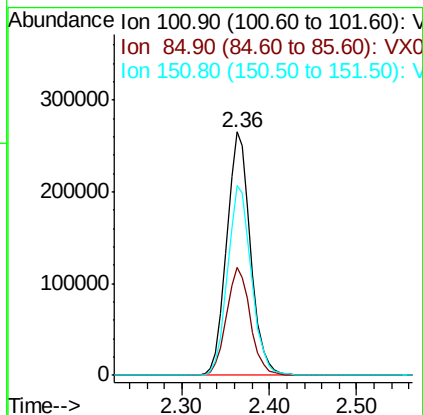
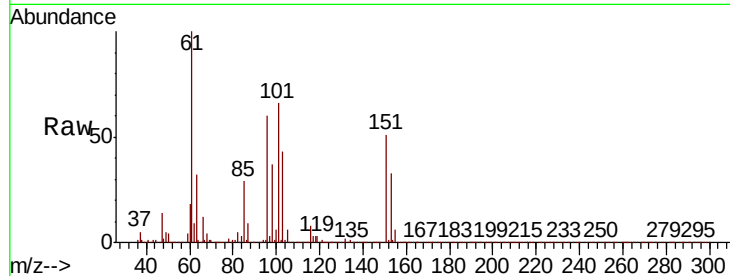
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	500271
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.0	52.4
151	78.5	64.1	96.1

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#10

Methyl Iodide

Concen: 30.677 ug/l

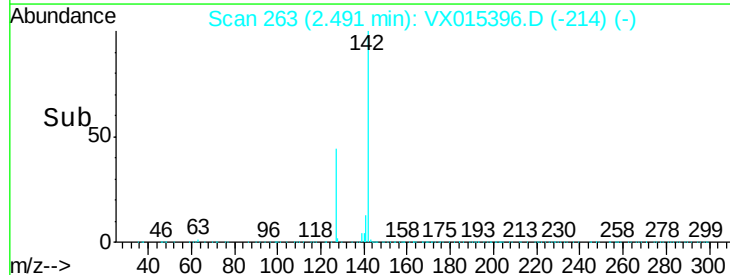
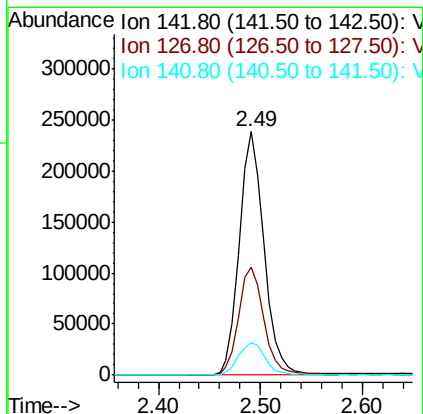
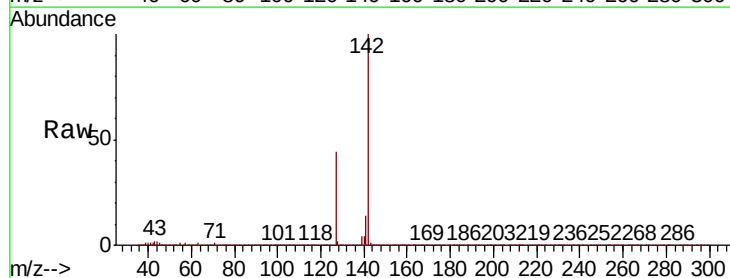
RT: 2.49 min Scan# 263

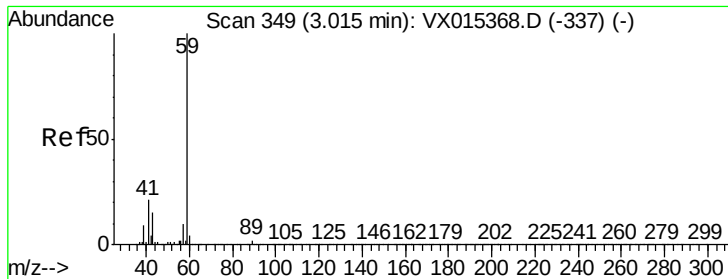
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:	142	Resp:	401318
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.9	53.9
141	14.4	11.6	17.4





#11

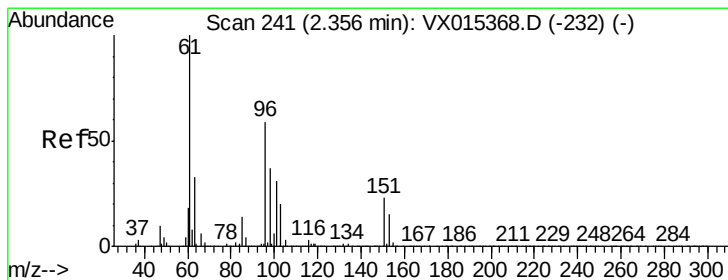
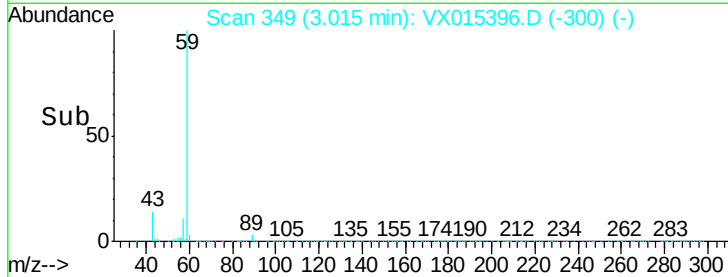
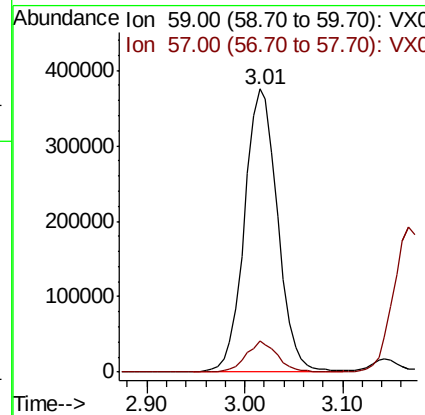
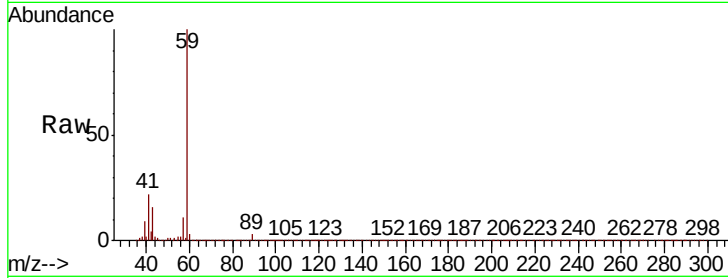
Tert butyl alcohol
Concen: 241.612 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

Manual Integrations
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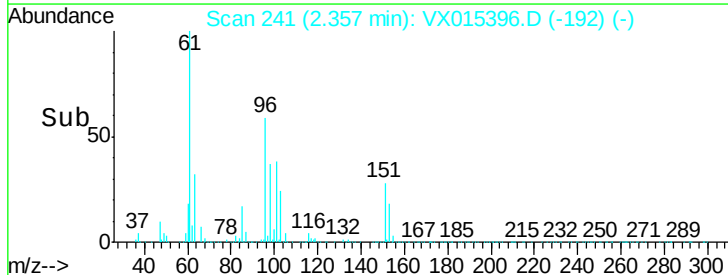
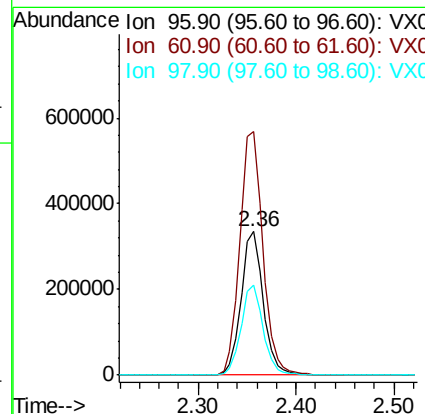
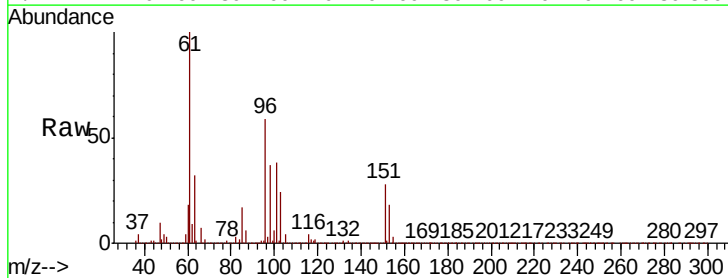
apatel
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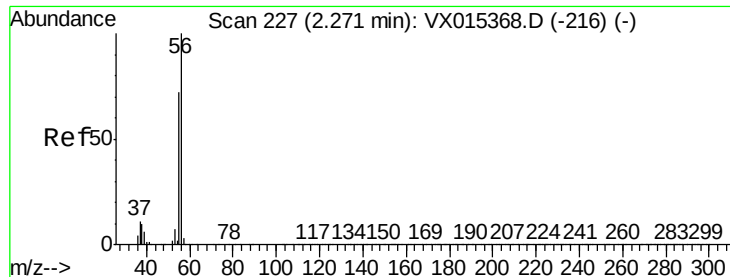


#12

1,1-Dichloroethene
Concen: 51.507 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.7	135.7	203.5
98	62.8	50.6	75.8





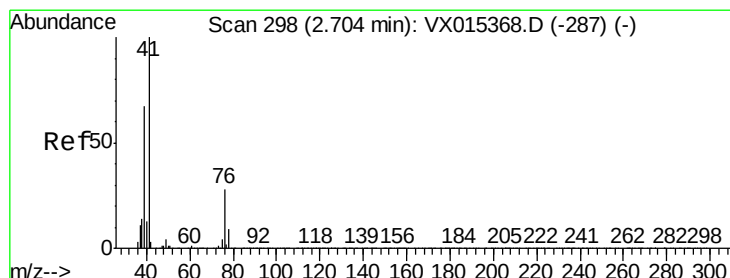
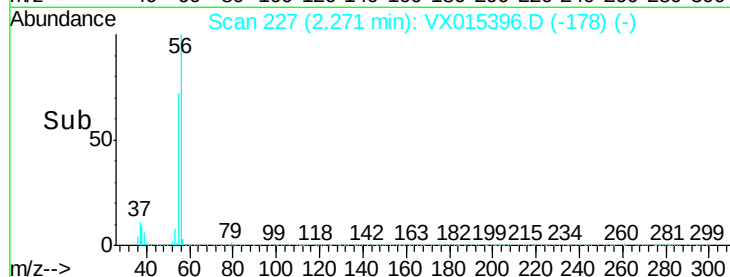
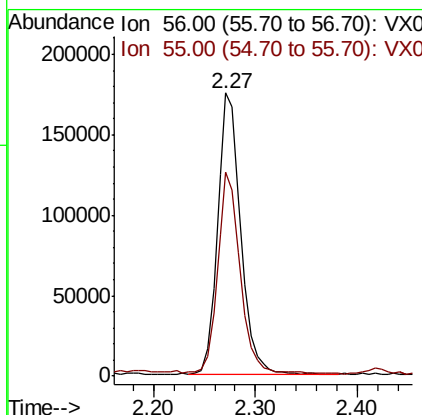
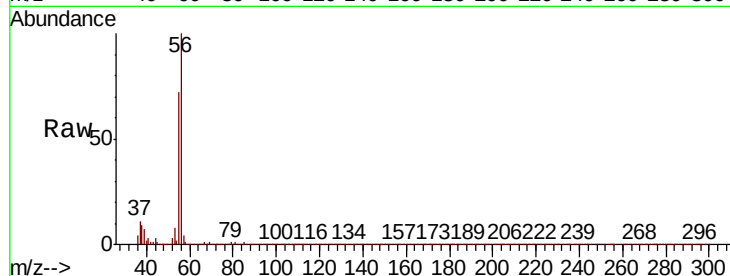
#13
Acrolein
Concen: 133.642 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.0	85.4

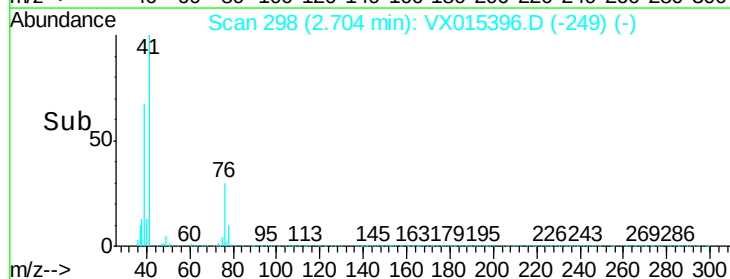
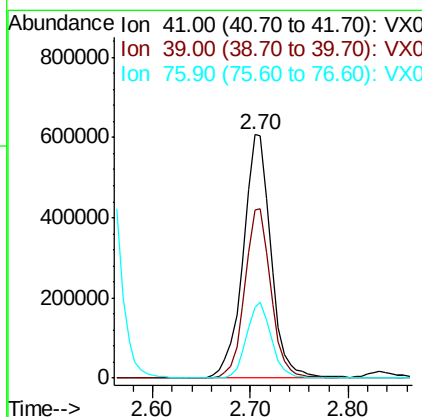
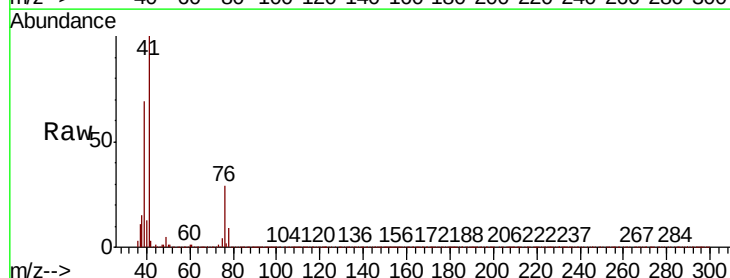
Manual Integrations
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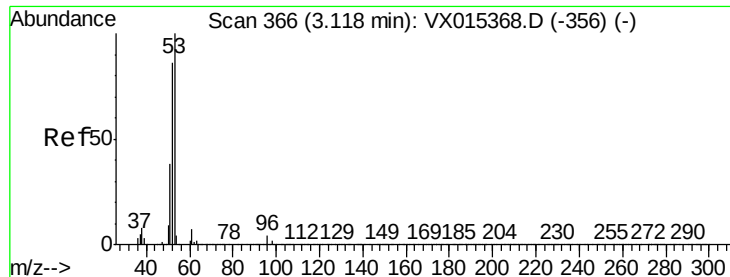
apatel
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#14
Allyl chloride
Concen: 50.043 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	51.4	77.0
76	27.6	21.8	32.8





#15

Acrylonitrile

Concen: 247.116 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1713907

Ion Ratio Lower Upper

53 100

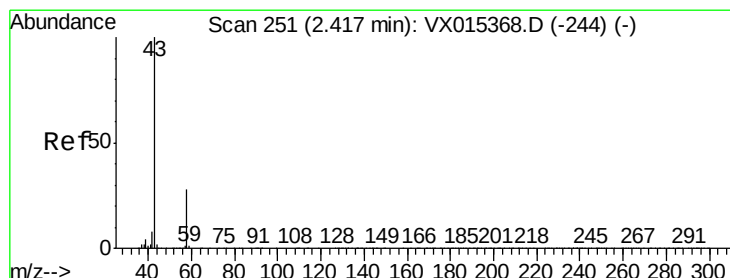
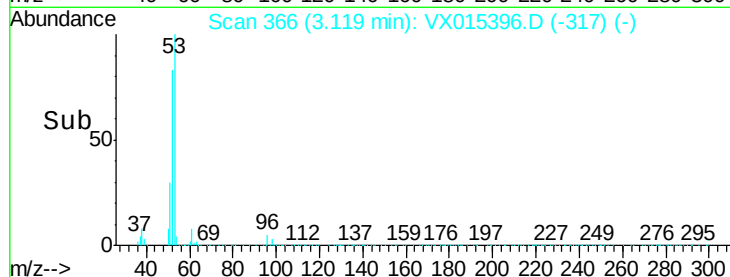
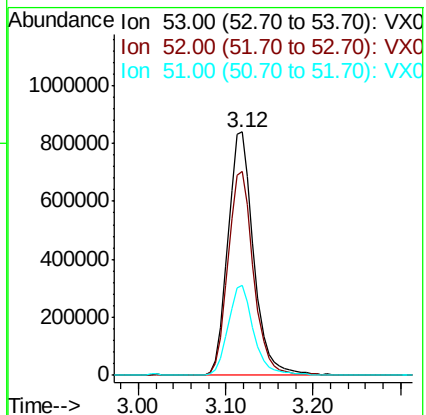
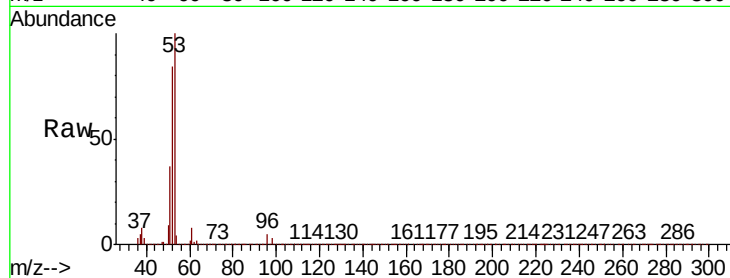
52 83.1 66.8 100.2

51 36.8 29.5 44.3

Manual Integrations
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#16

Acetone

Concen: 244.009 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015396.D

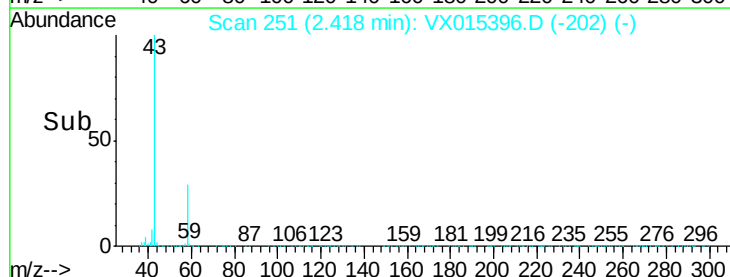
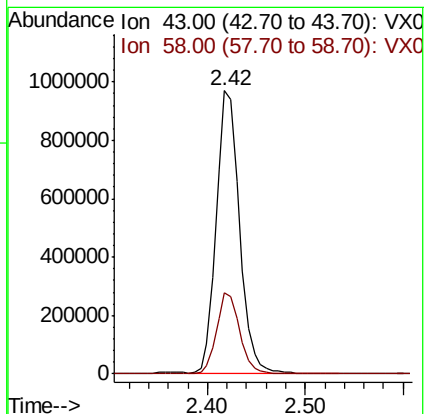
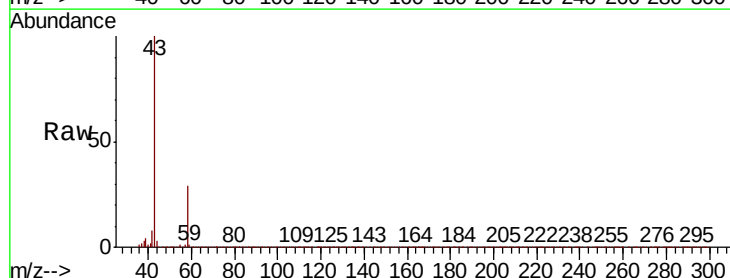
Acq: 27 Mar 2020 20:45

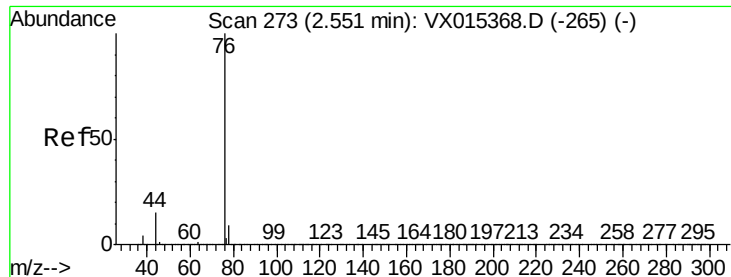
Tgt Ion: 43 Resp: 1592832

Ion Ratio Lower Upper

43 100

58 28.8 22.1 33.1





#17

Carbon Disulfide

Concen: 50.252 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1559148

Ion Ratio Lower Upper

76 100

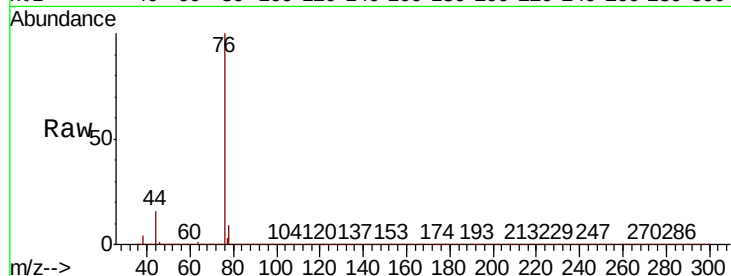
78 8.8 7.1 10.7

Manual Integrations

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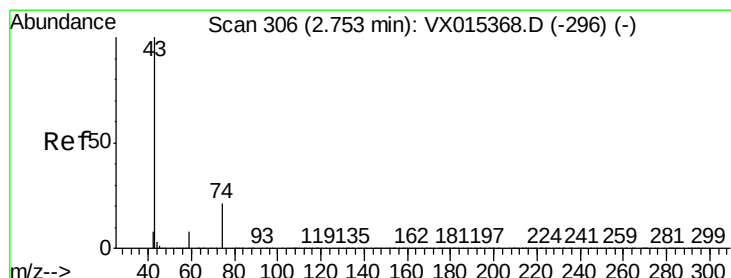
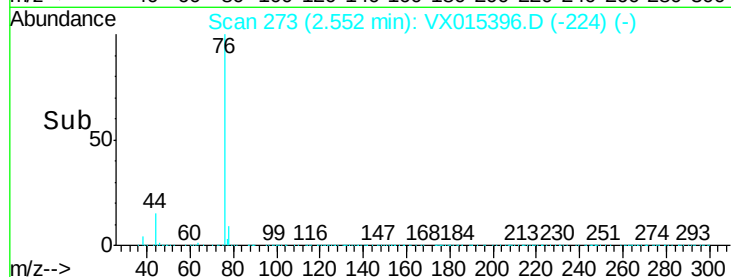
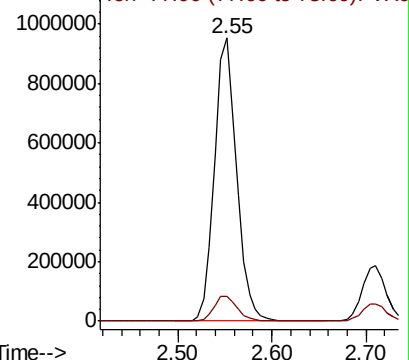
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.751 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015396.D

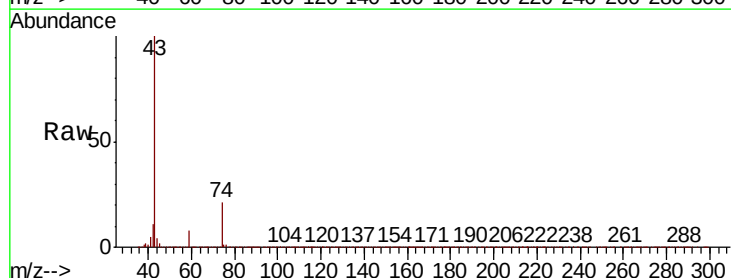
Acq: 27 Mar 2020 20:45

Tgt Ion: 43 Resp: 828880

Ion Ratio Lower Upper

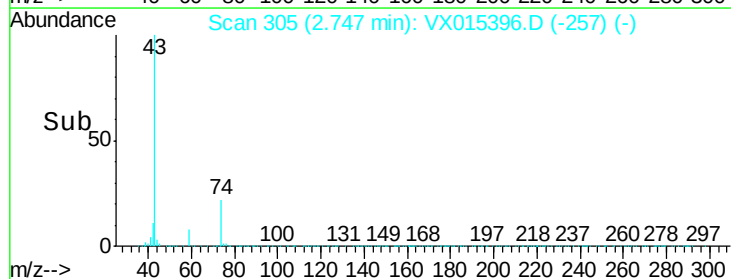
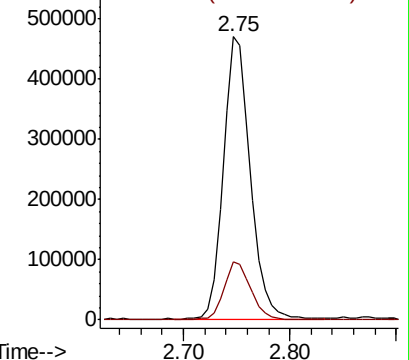
43 100

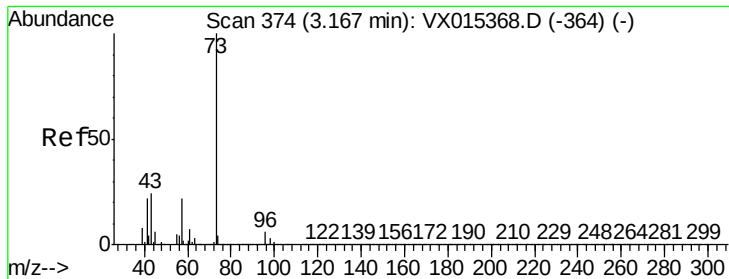
74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





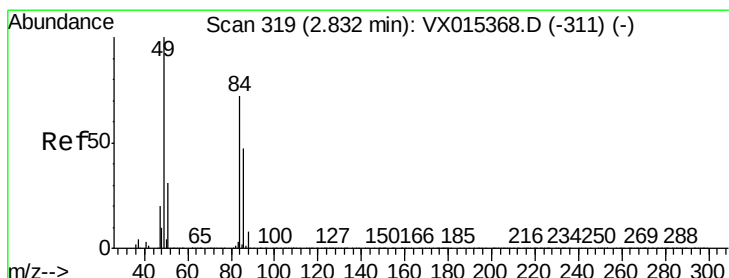
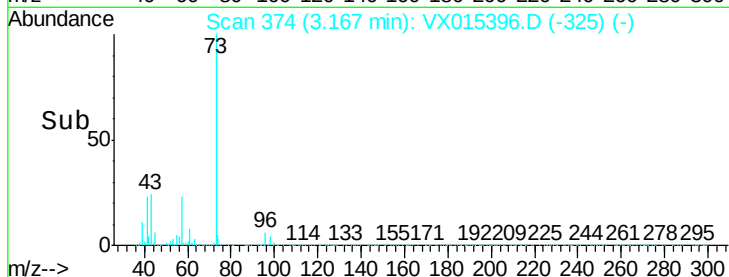
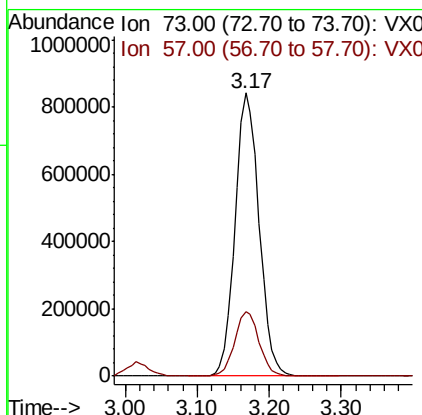
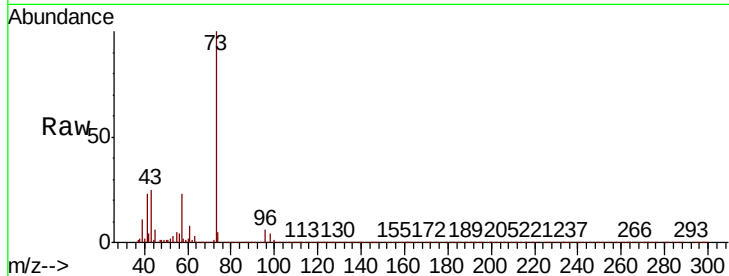
#19
Methyl tert-butyl Ether
Concen: 49.366 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1947339
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

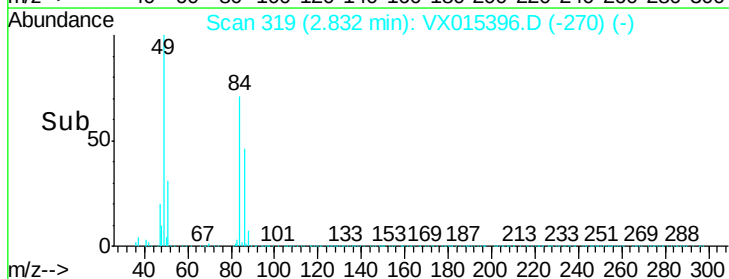
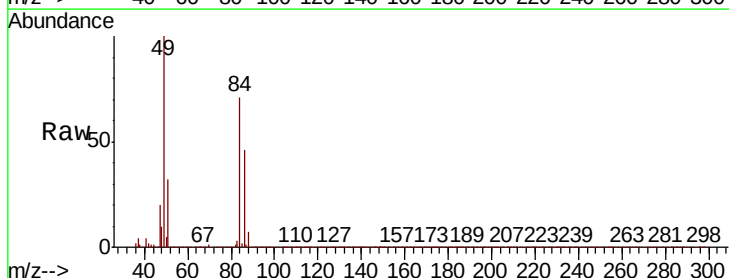
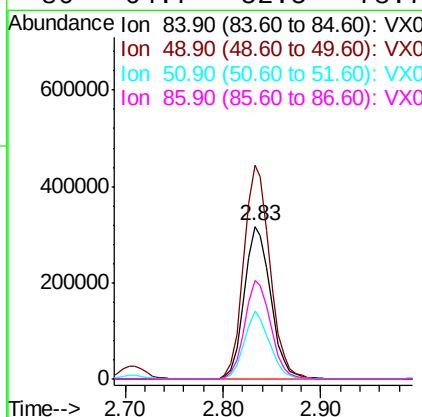
Manual Integrations
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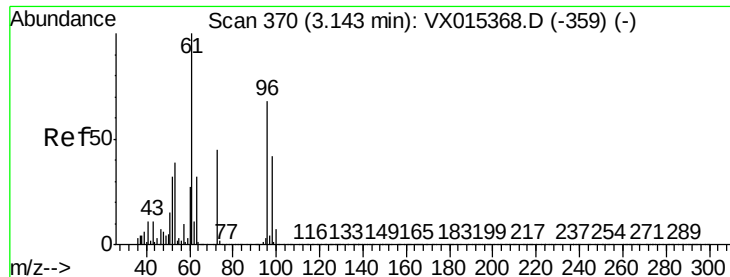
apatel
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#20
Methylene Chloride
Concen: 48.452 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 84 Resp: 590769
Ion Ratio Lower Upper
84 100
49 140.0 111.3 166.9
51 44.1 34.0 51.0
86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.977 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

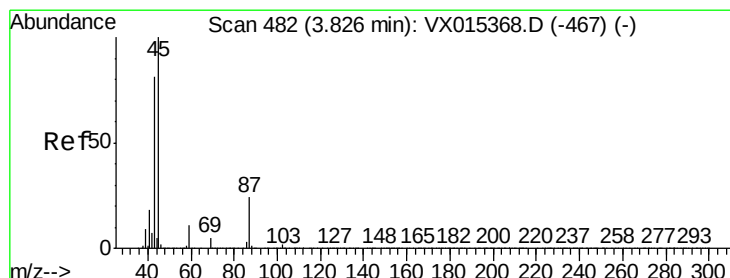
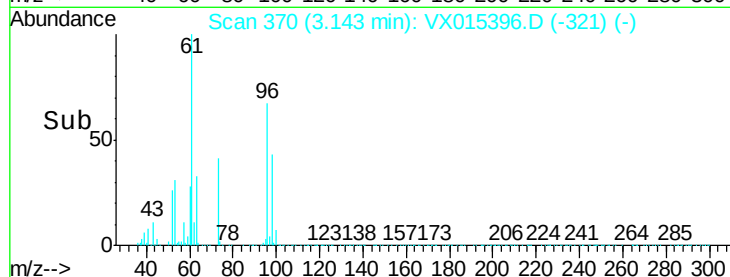
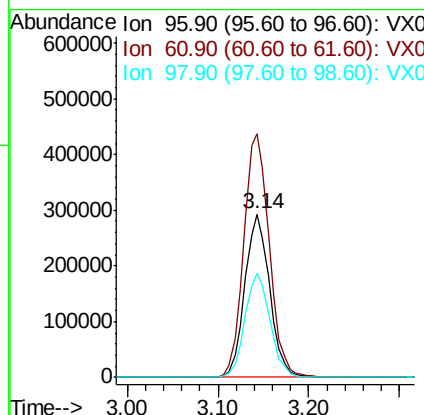
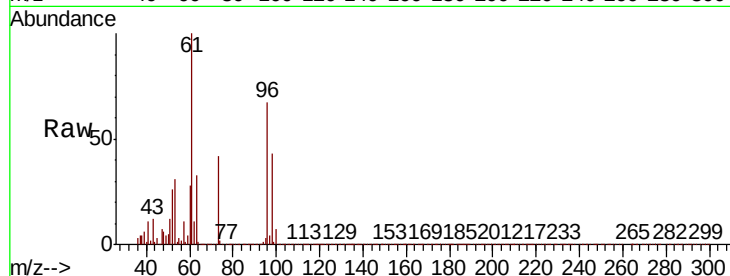
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	552841
Ion Ratio	Lower	Upper	
96	100		
61	148.9	116.9	175.3
98	63.9	48.6	73.0

Manual Integrations
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3/30/2020 3:00:01 PM



#22

Diisopropyl ether

Concen: 50.479 ug/l

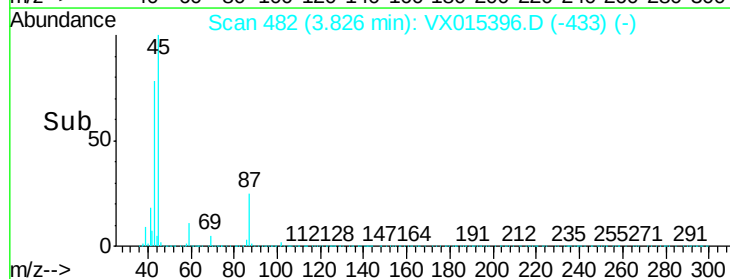
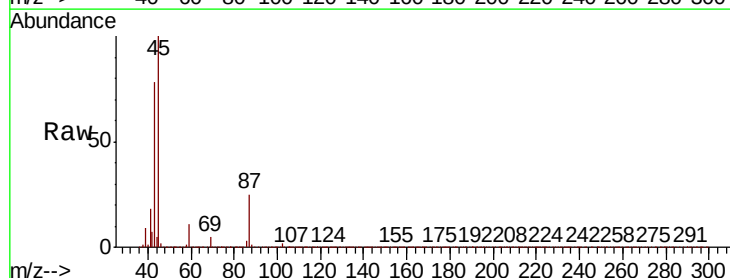
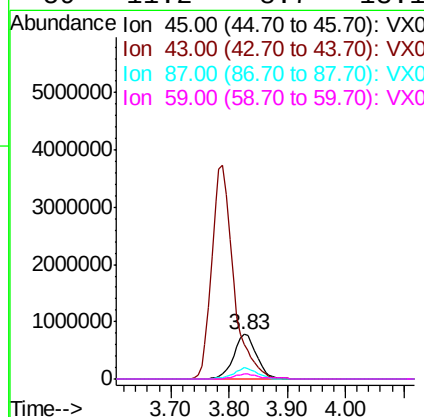
RT: 3.83 min Scan# 482

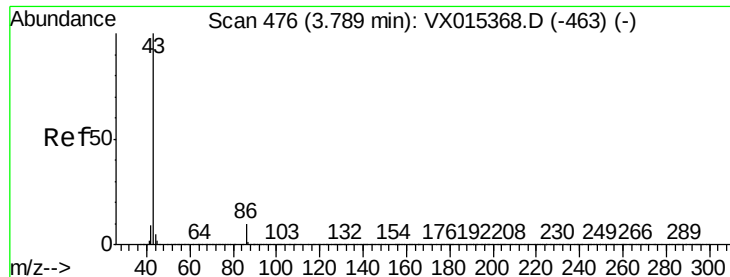
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:	45	Resp:	2125753
Ion Ratio	Lower	Upper	
45	100		
43	77.4	64.7	97.1
87	25.1	19.4	29.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 253.489 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 9665038

Ion Ratio Lower Upper

43 100

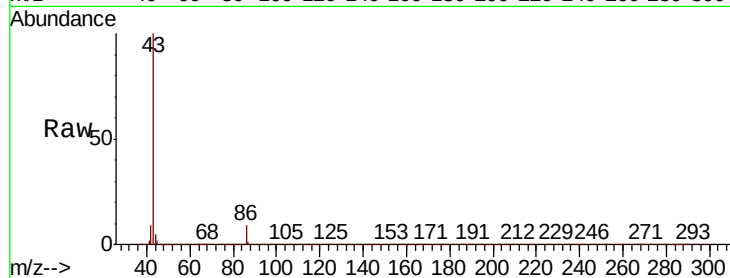
86 9.5 7.8 11.6

Manual Integrations

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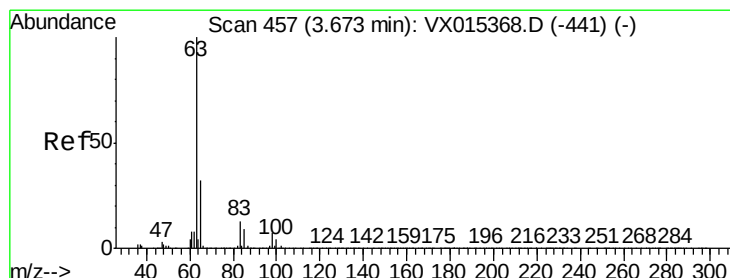
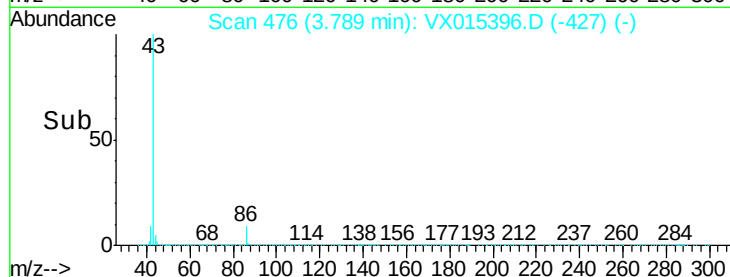
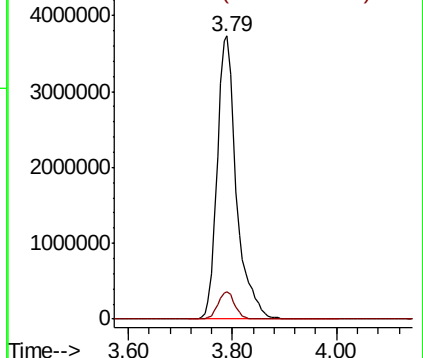
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.845 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

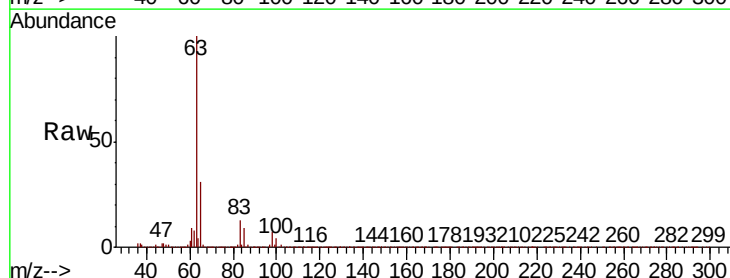
Tgt Ion: 63 Resp: 1105176

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

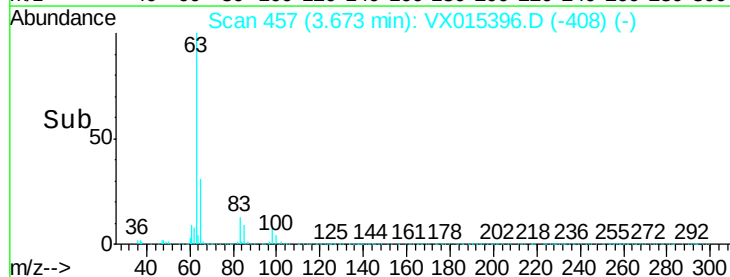
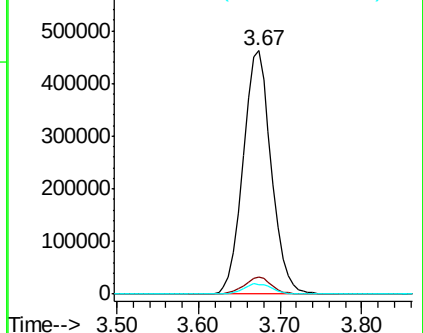
100 4.0 2.1 6.5

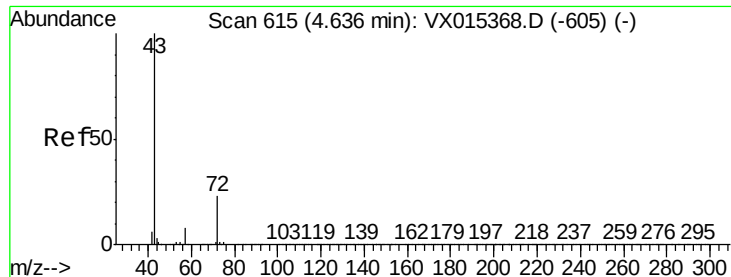


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





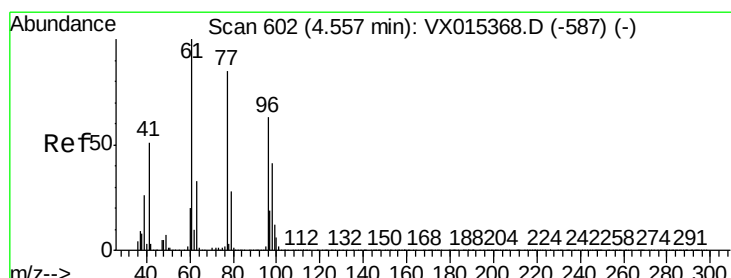
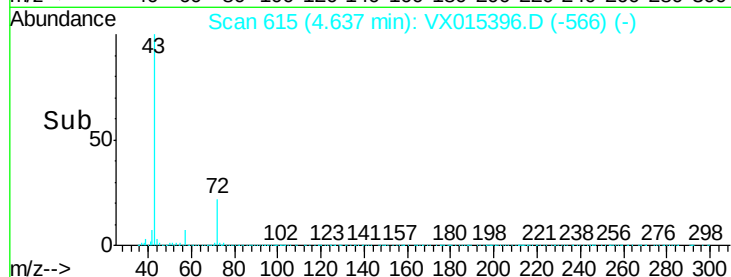
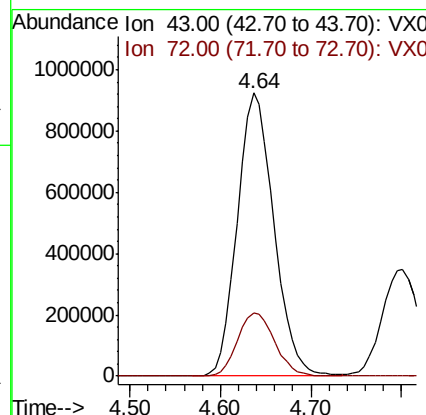
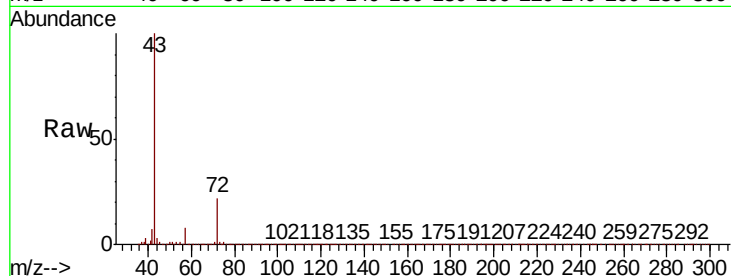
#25
2-Butanone
Concen: 244.593 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2567735
Ion Ratio Lower Upper
43 100
72 22.4 19.0 28.4

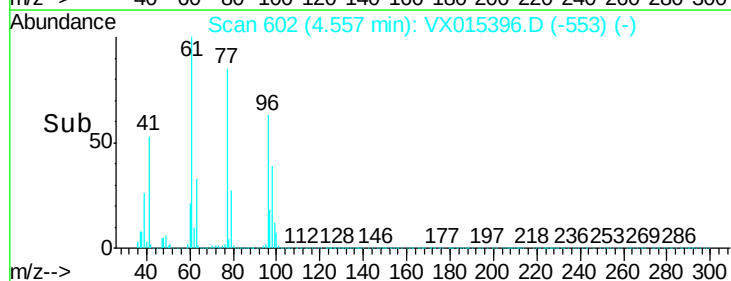
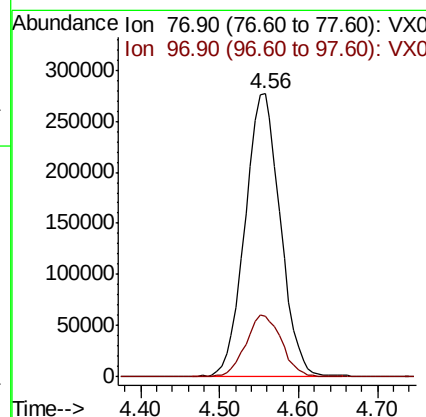
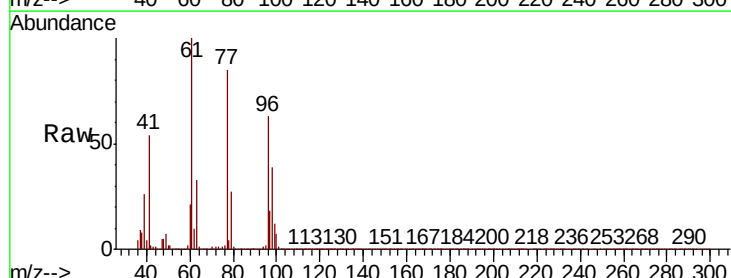
Manual Integrations
APPROVED

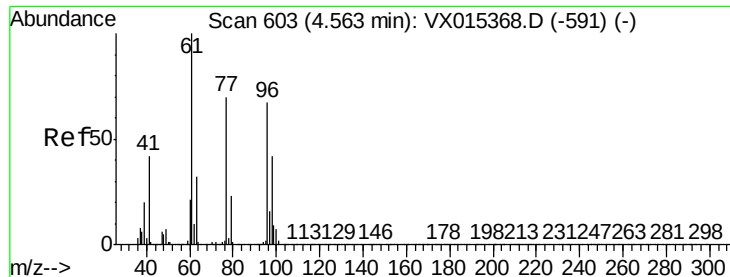
apatel
3/30/2020 3:00:01 PM



#26
2,2-Dichloropropane
Concen: 47.135 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 77 Resp: 857822
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.8





#27

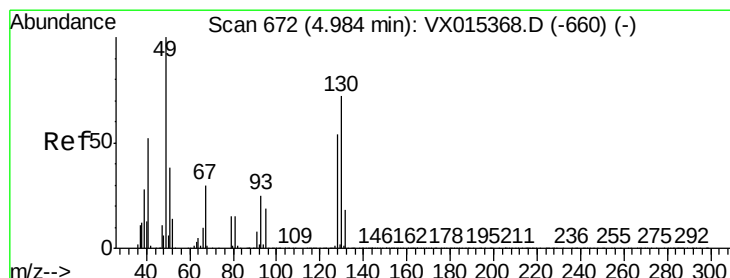
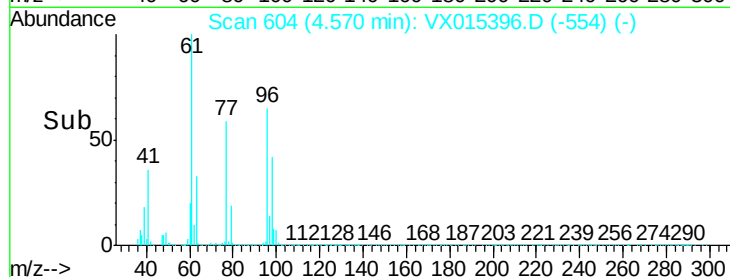
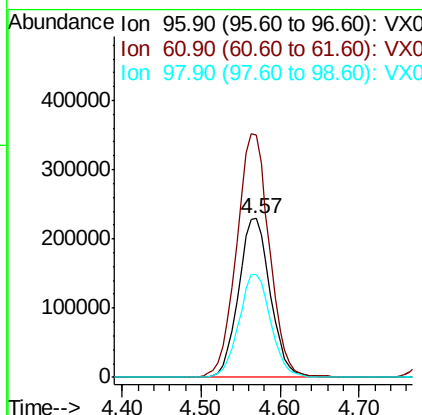
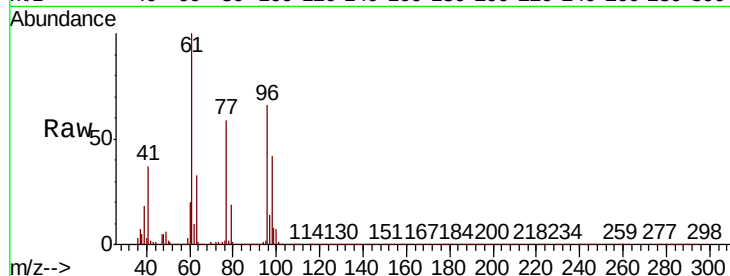
cis-1,2-Dichloroethene
Concen: 49.119 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	641457		
61	158.5	0.0	308.4	
98	65.3	0.0	129.2	

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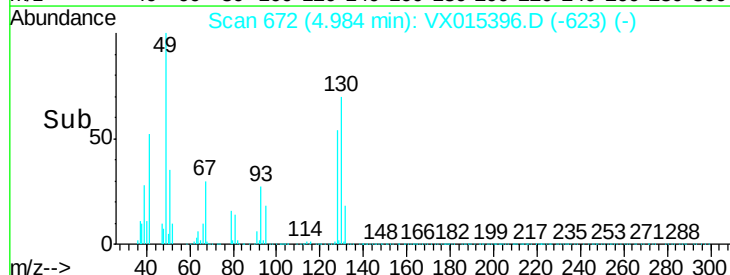
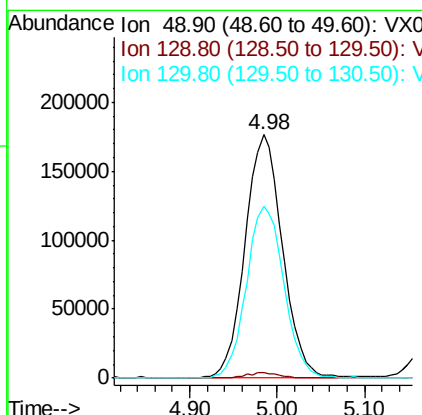
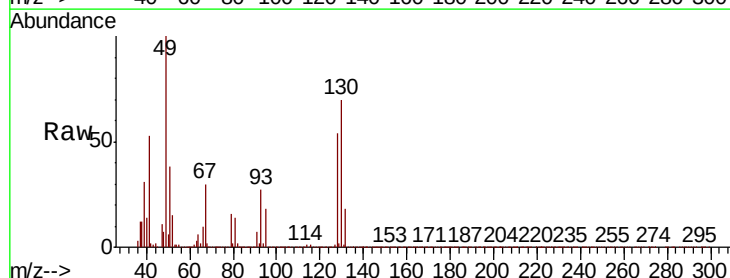
apatel
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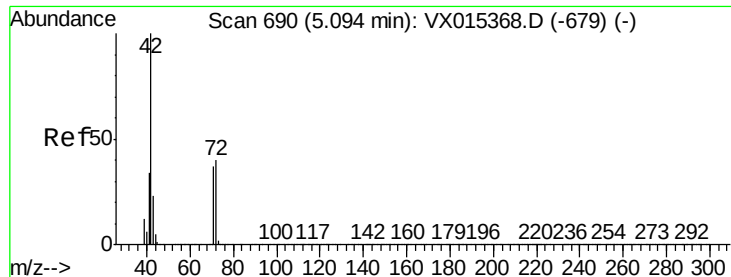


#28

Bromochloromethane
Concen: 49.140 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	520201		
129	2.0	0.0	4.4	
130	71.1	57.7	86.5	





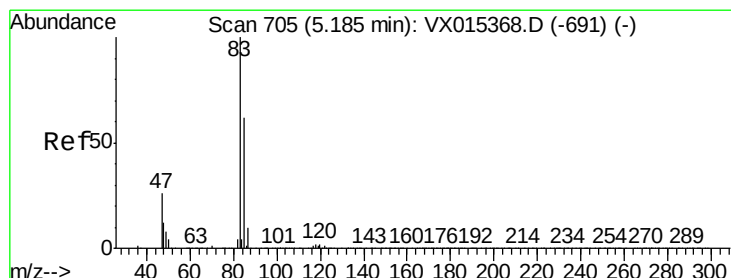
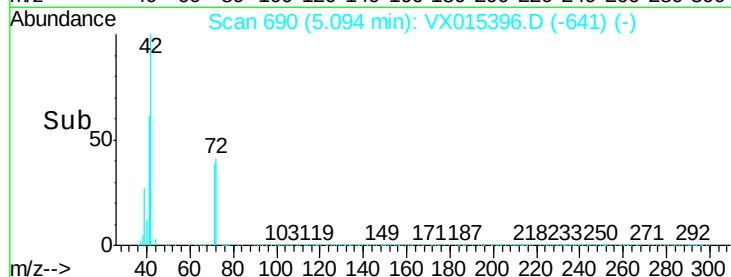
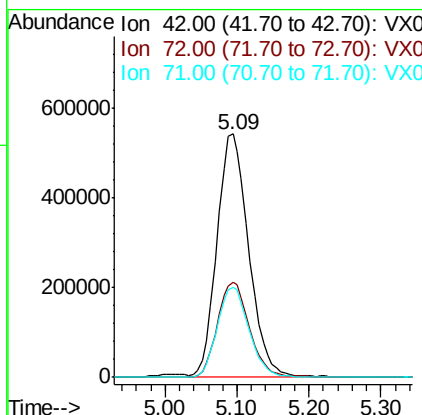
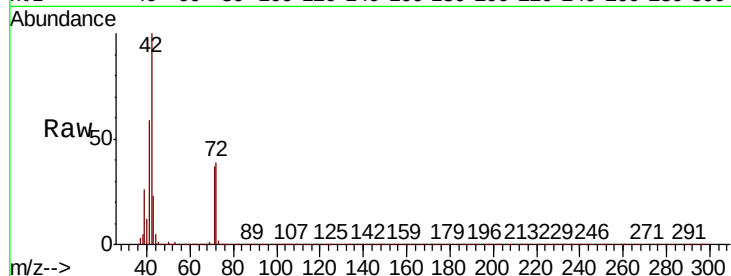
#29
Tetrahydrofuran
Concen: 243.918 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.7	47.5
71	37.2	29.6	44.4

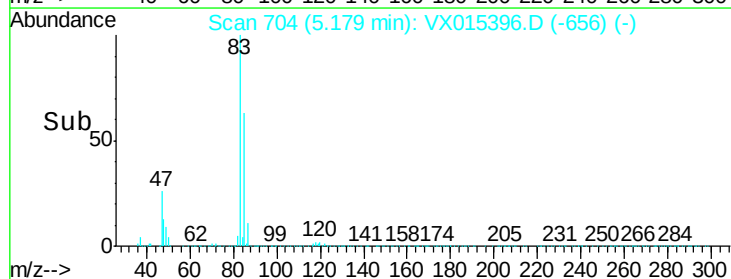
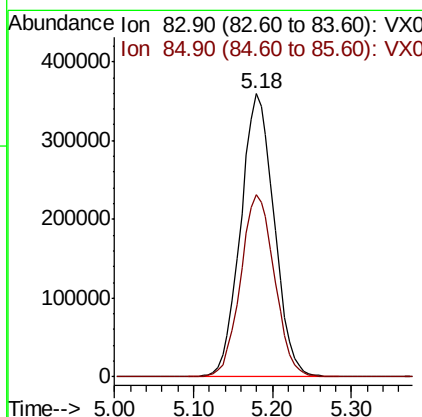
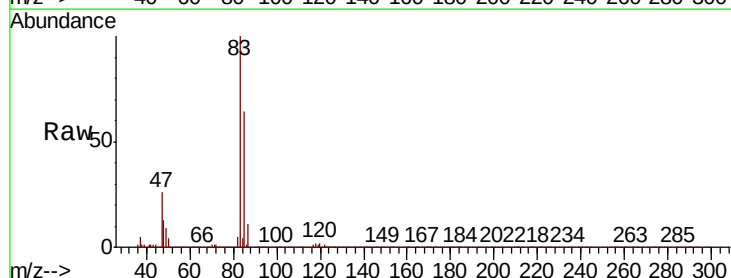
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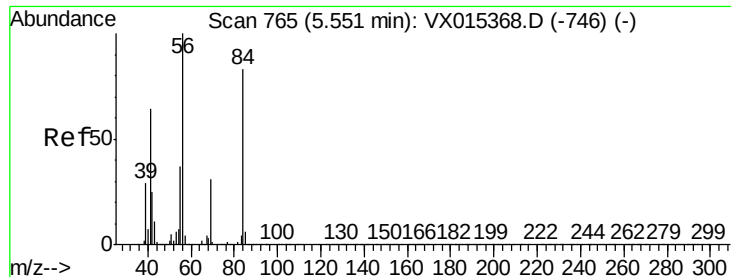
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#30
Chloroform
Concen: 49.913 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.5	74.3





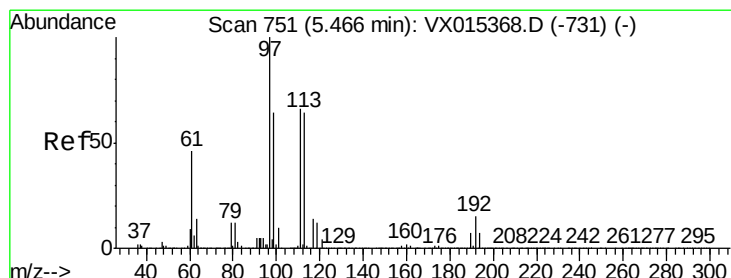
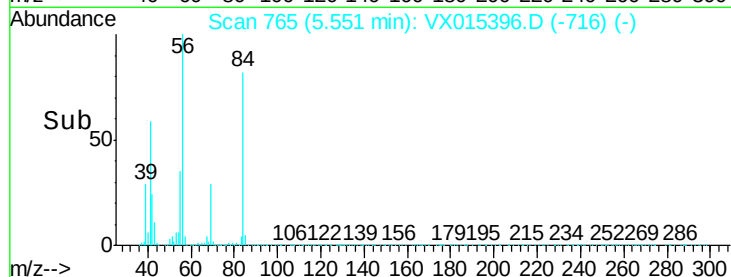
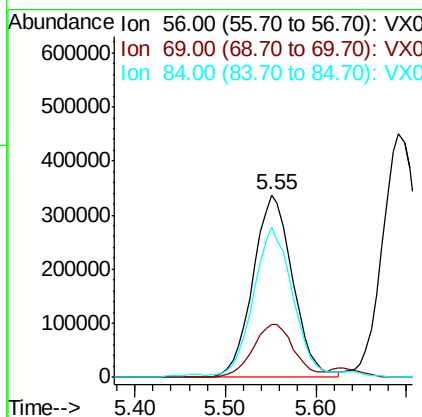
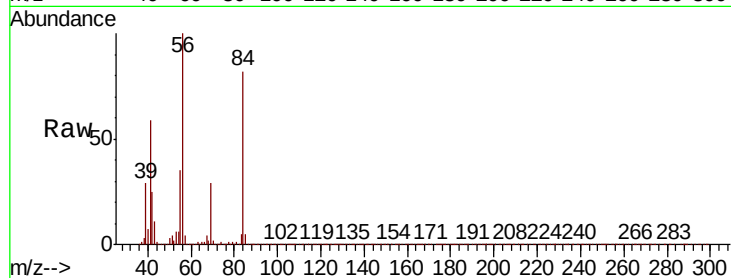
#31
Cyclohexane
Concen: 52.914 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.6	36.8
84	80.4	66.1	99.1

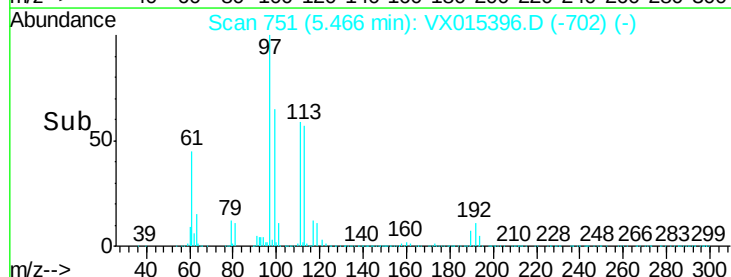
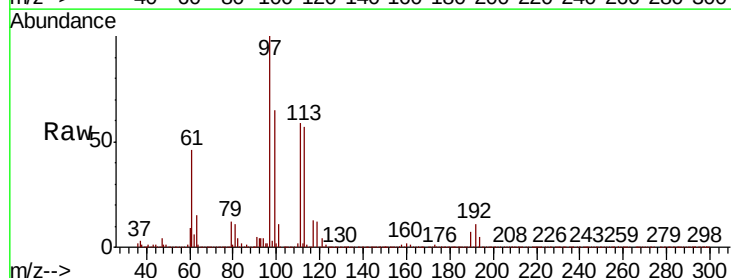
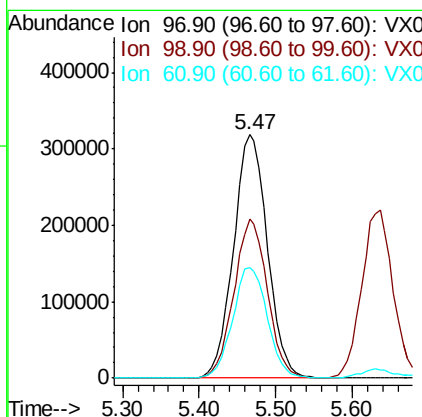
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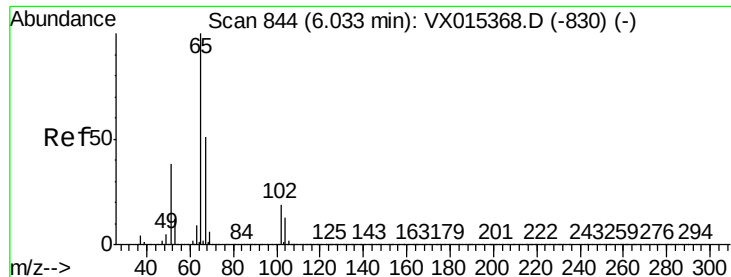
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#32
1,1,1-Trichloroethane
Concen: 50.440 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	46.2	36.1	54.1





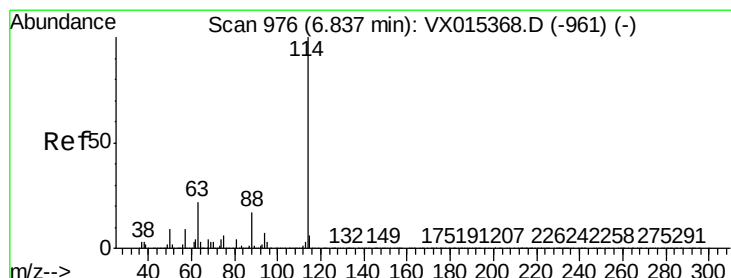
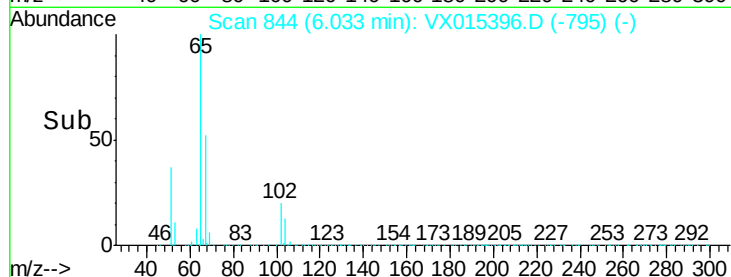
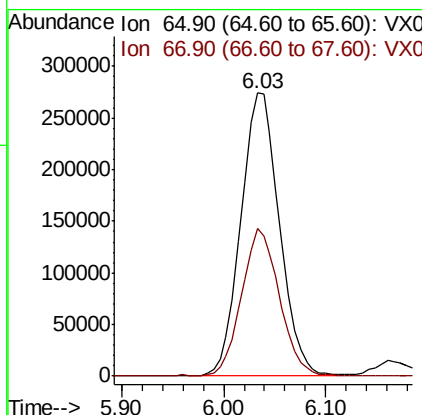
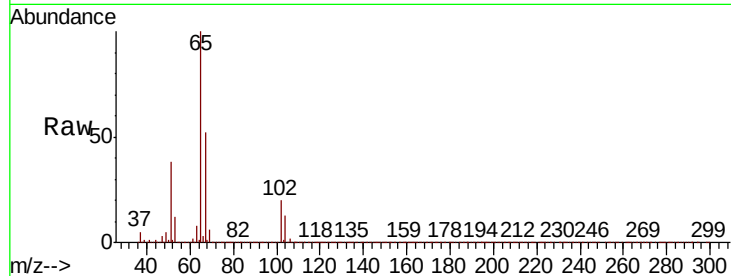
#33
 1,2-Dichloroethane-d4
 Concen: 47.253 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6

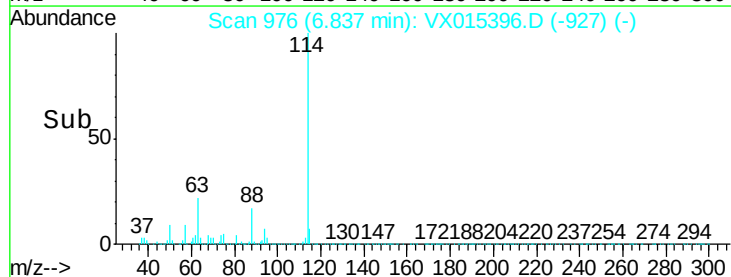
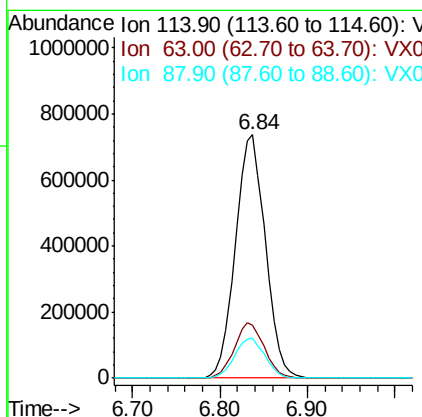
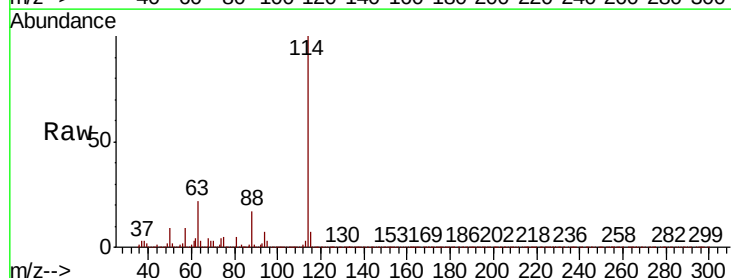
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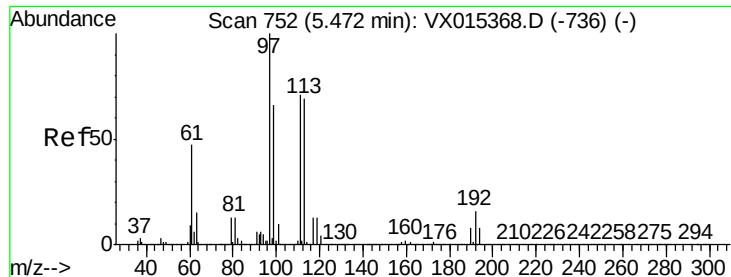
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.2
88	16.6	0.0	33.8





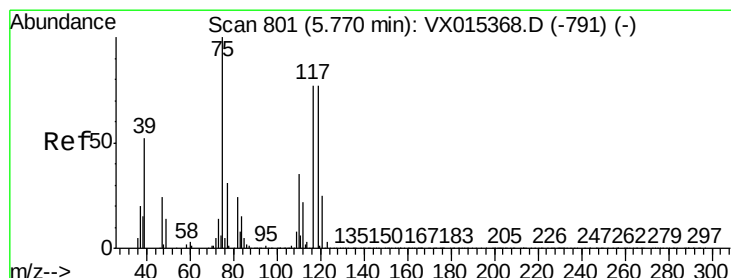
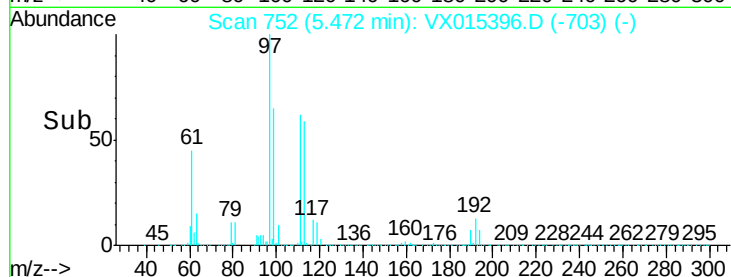
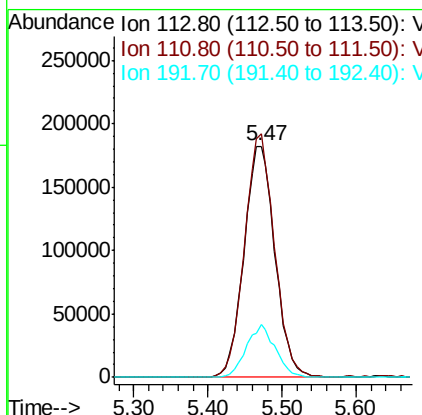
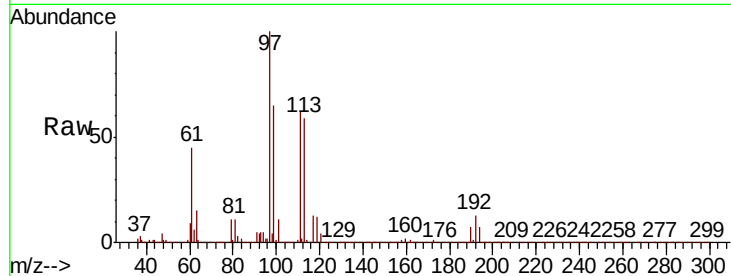
#35
Dibromofluoromethane
Concen: 47.291 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	530275		
111	101.6	81.5	122.3	
192	21.6	17.8	26.6	

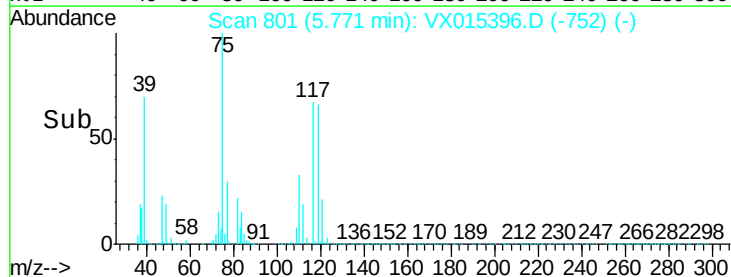
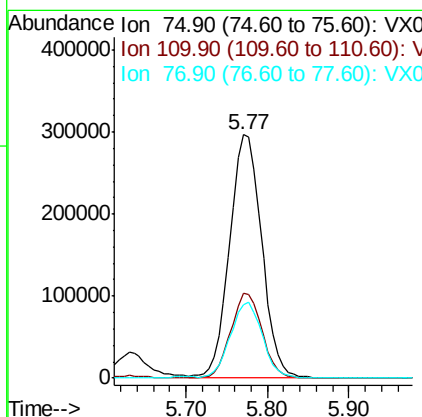
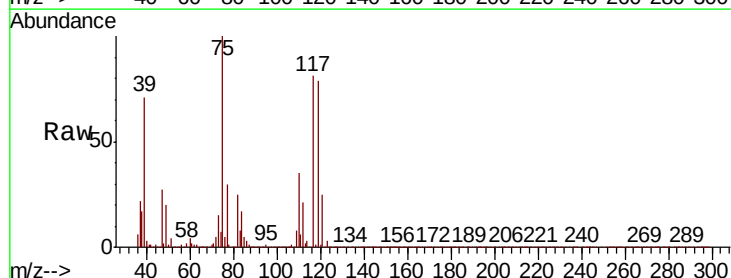
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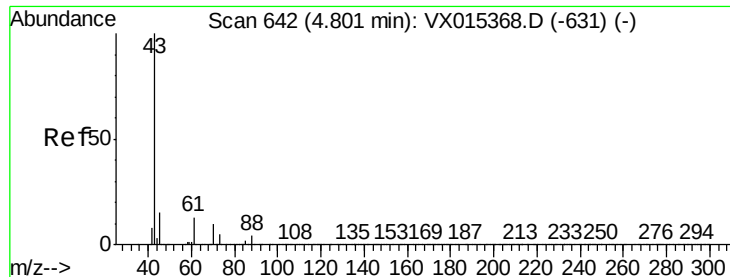
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#36
1,1-Dichloropropene
Concen: 49.803 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	804948		
110	34.3	17.1	51.3	
77	30.8	24.6	36.8	





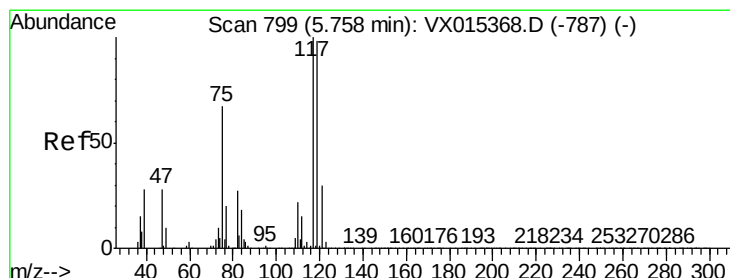
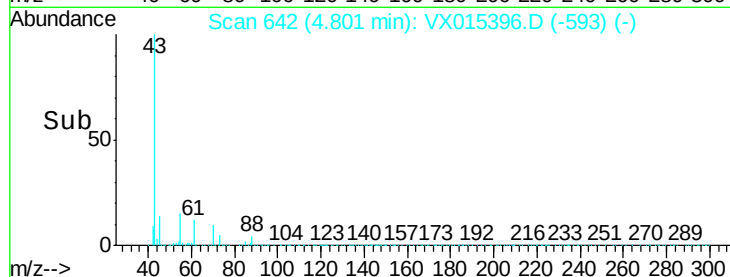
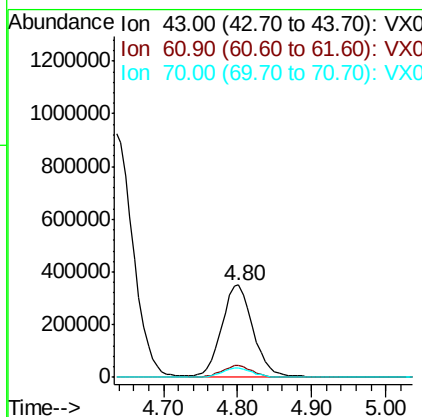
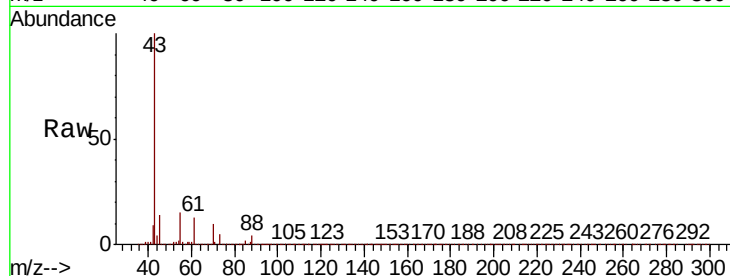
#37
Ethyl Acetate
Concen: 48.393 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	1018435
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.0	8.1	12.1

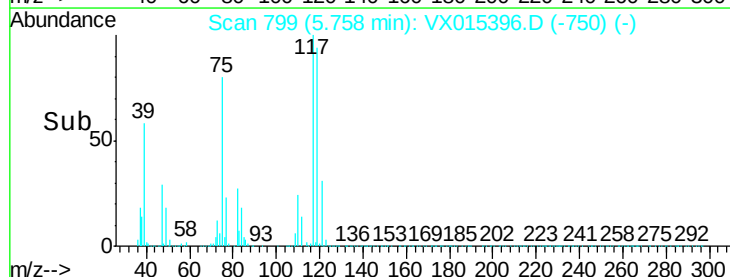
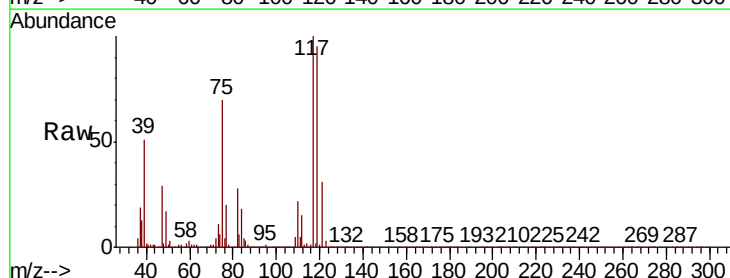
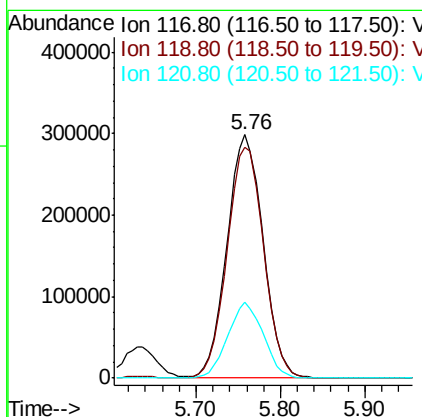
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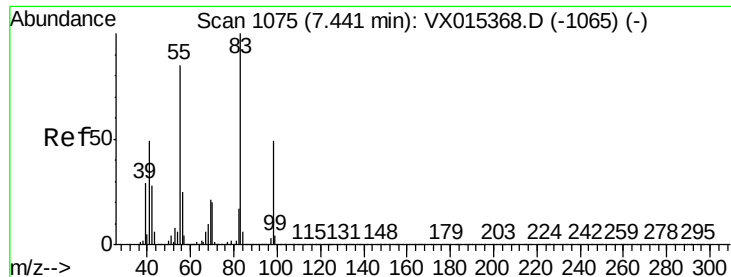
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#38
Carbon Tetrachloride
Concen: 49.483 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion:	117	Resp:	866237
Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.0	117.0
121	31.1	23.8	35.8





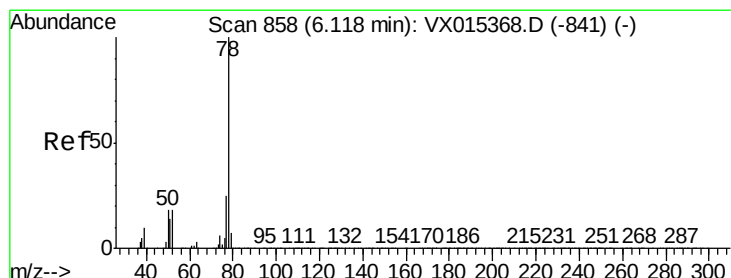
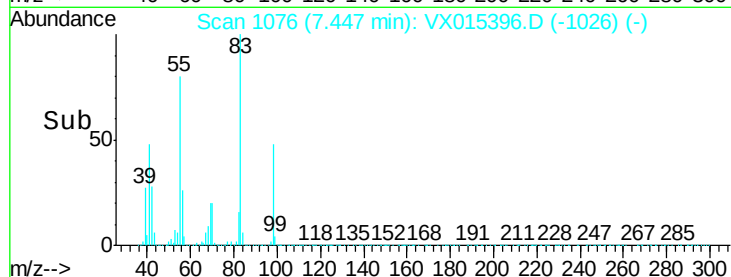
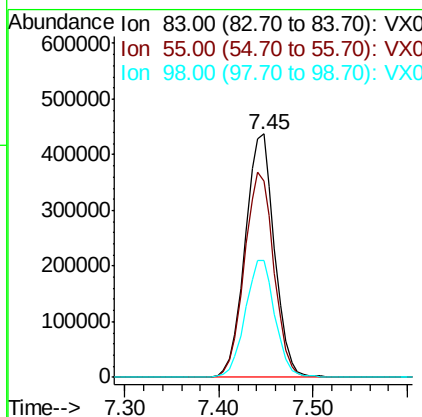
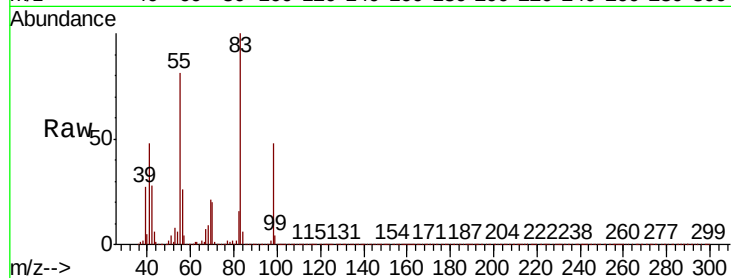
#39
Methylvlcyclohexane
Concen: 51.177 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	67.8	101.6
98	48.2	39.3	58.9

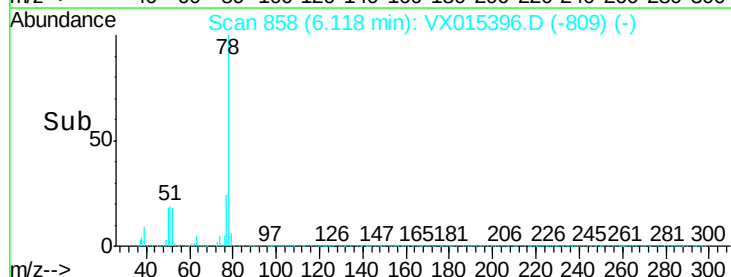
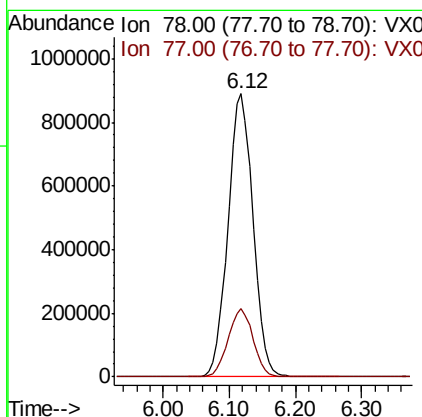
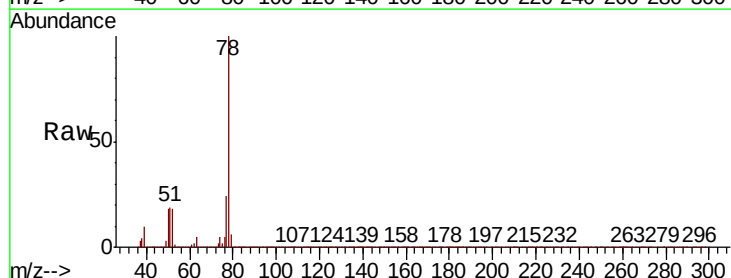
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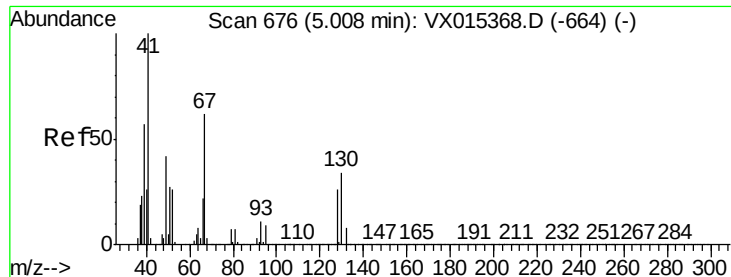
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#40
Benzene
Concen: 49.099 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.8





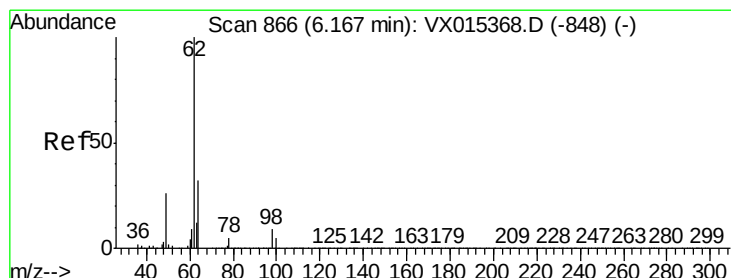
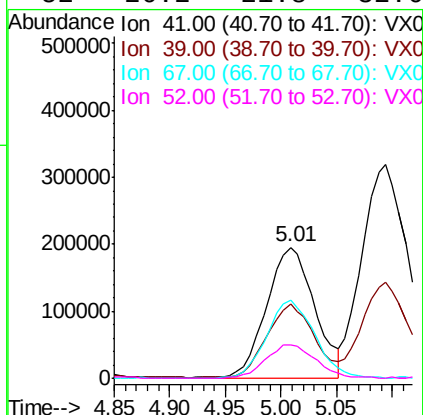
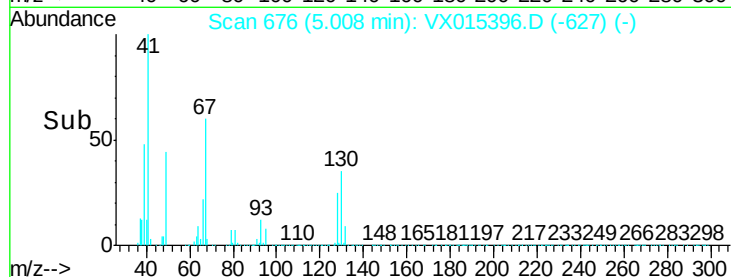
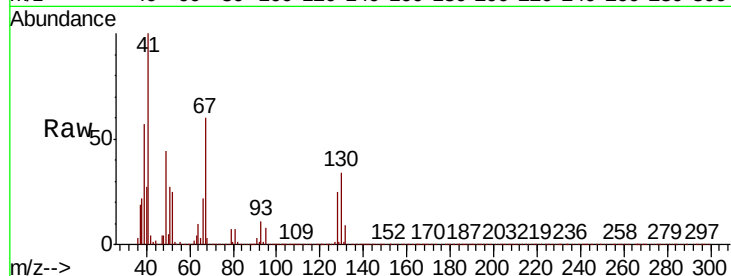
#41
Methacrylonitrile
Concen: 49.922 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	44.5	66.7	
67	60.0	48.9	73.3	
52	26.2	21.8	32.6	

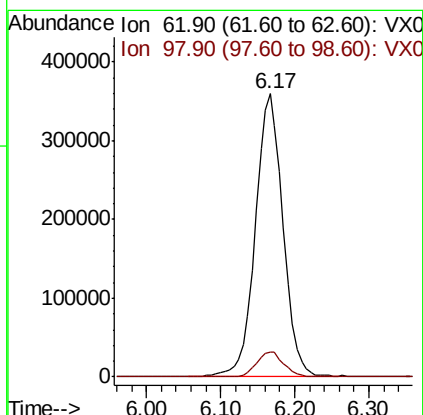
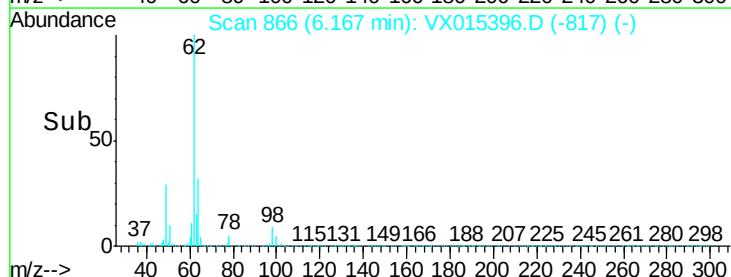
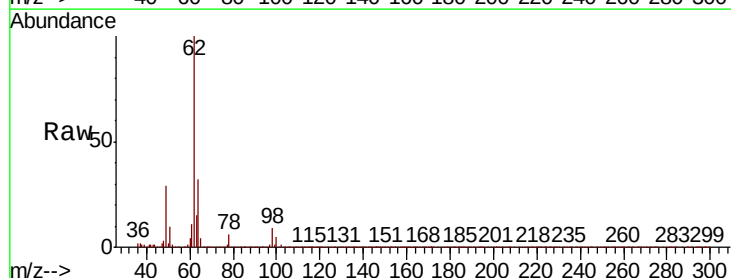
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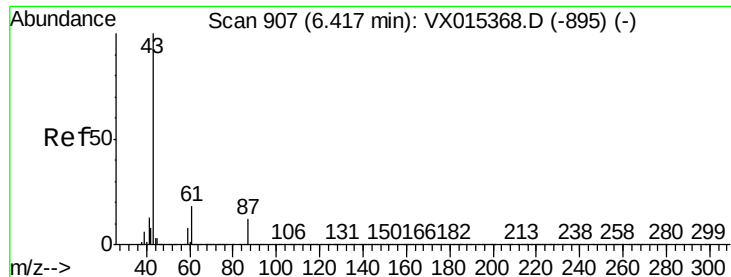
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#42
1,2-Dichloroethane
Concen: 49.234 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

Isopropyl Acetate

Concen: 49.050 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1742548

Ion Ratio Lower Upper

43 100

61 18.5 14.8 22.2

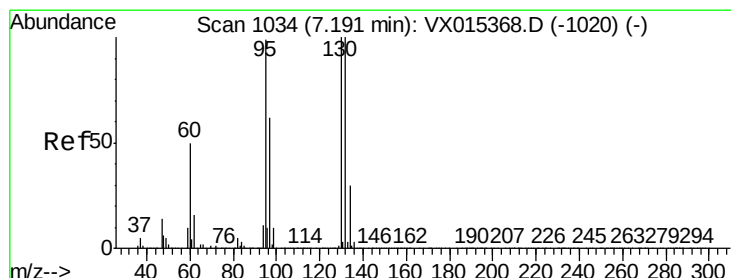
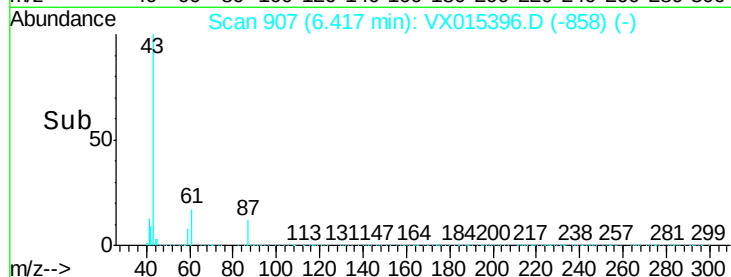
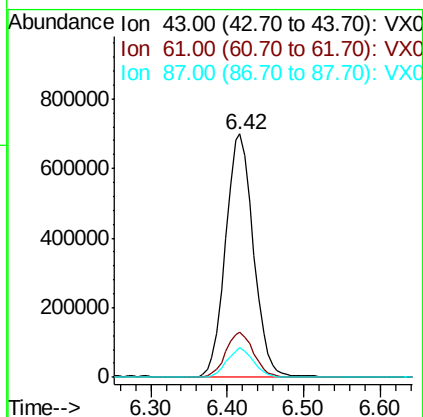
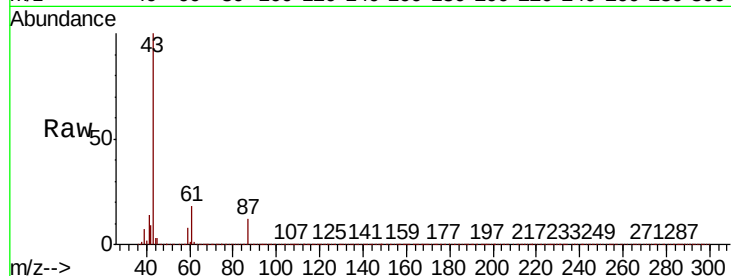
87 11.6 9.4 14.0

Manual Integrations

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#44

Trichloroethene

Concen: 49.842 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015396.D

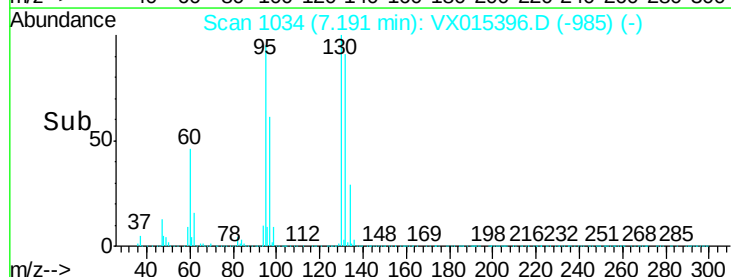
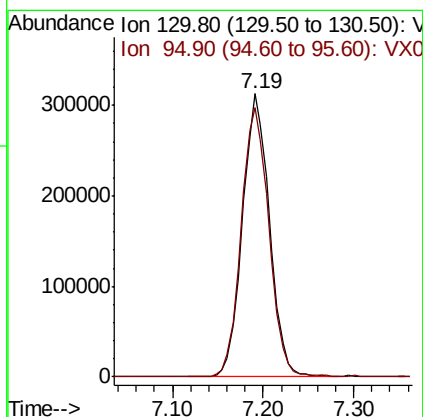
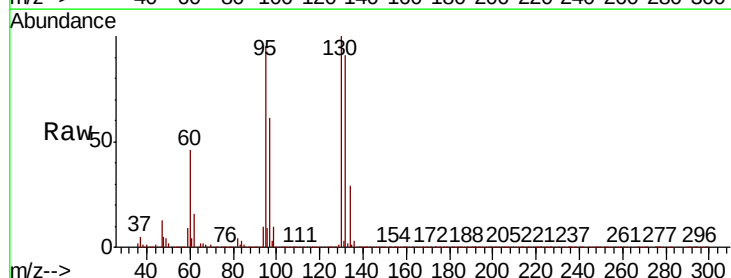
Acq: 27 Mar 2020 20:45

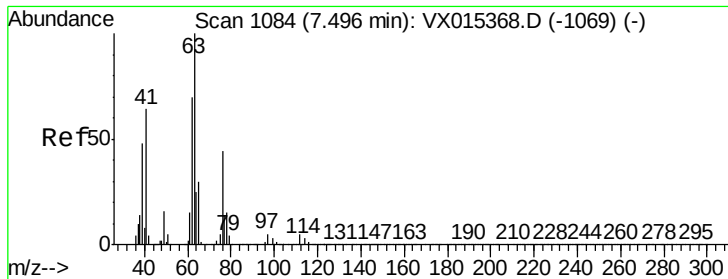
Tgt Ion: 130 Resp: 643566

Ion Ratio Lower Upper

130 100

95 95.1 0.0 199.0





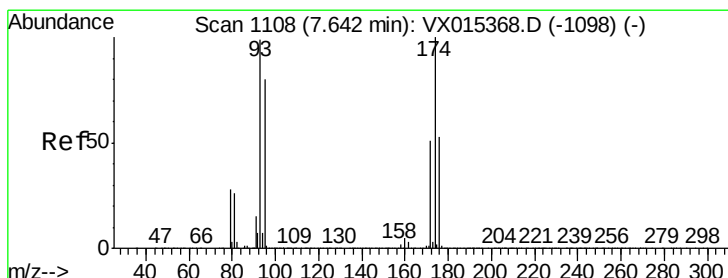
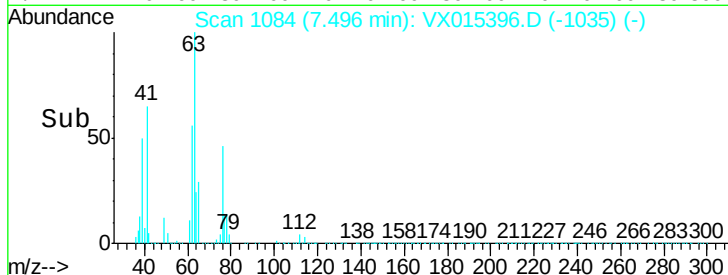
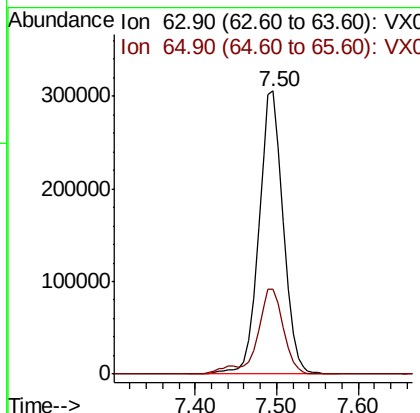
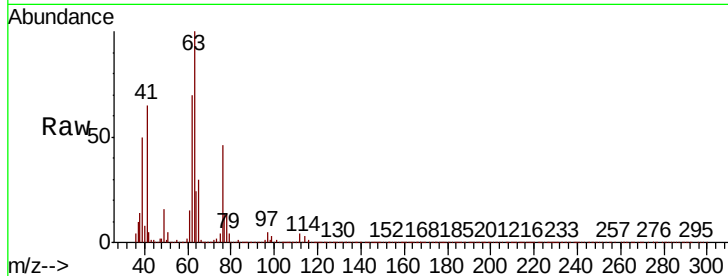
#45
 1,2-Dichloropropane
 Concen: 49.069 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.9	35.9

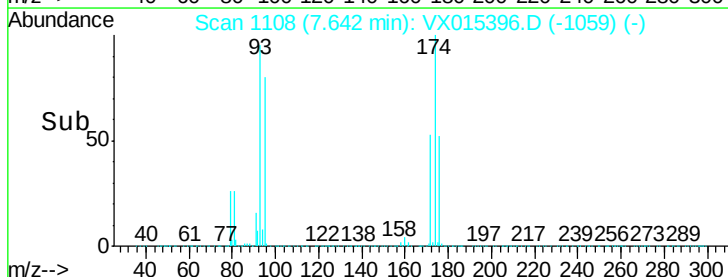
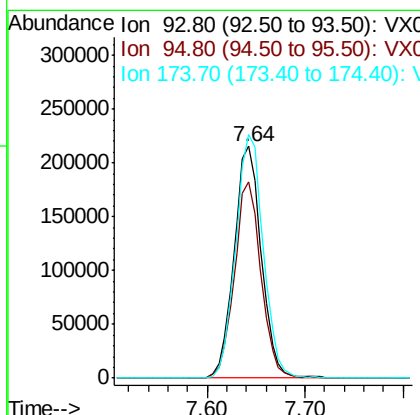
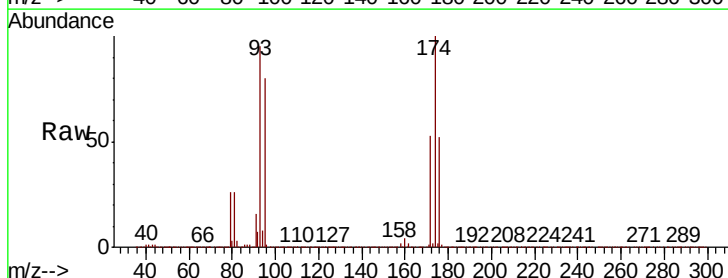
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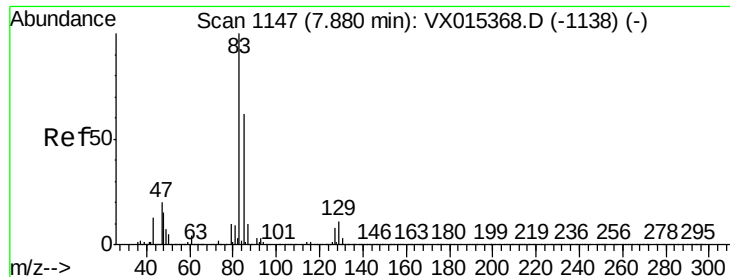
apatel
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#46
 Dibromomethane
 Concen: 48.750 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	107.1	86.2	129.2





#47

Bromodichloromethane

Concen: 48.866 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

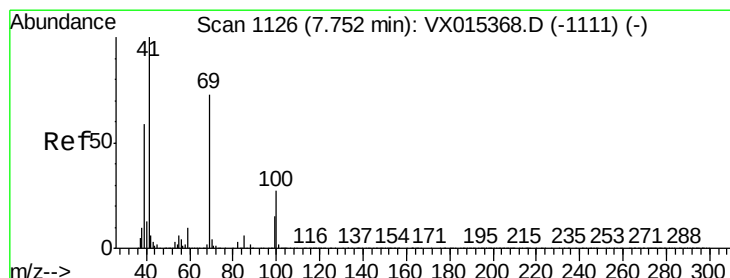
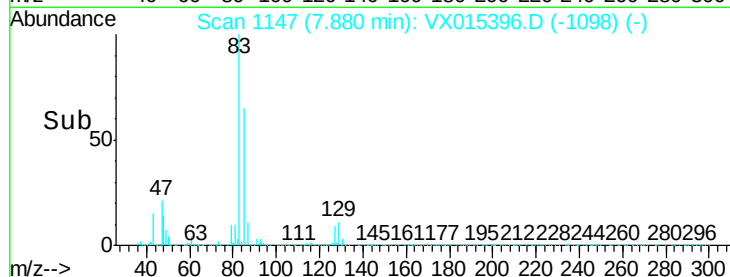
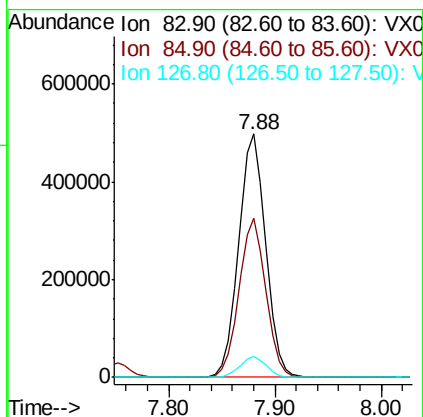
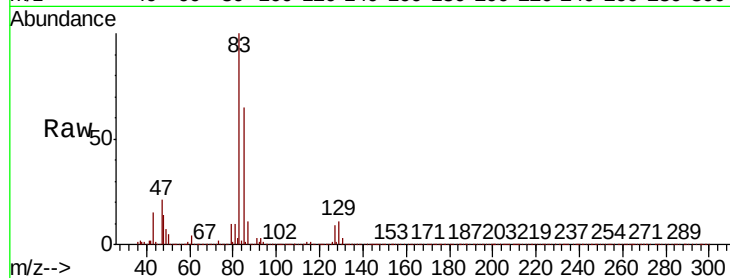
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	884628
Ion Ratio	Lower	Upper	
83	100		
85	65.1	49.7	74.5
127	8.6	6.7	10.1

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#48

Methyl methacrylate

Concen: 49.160 ug/l

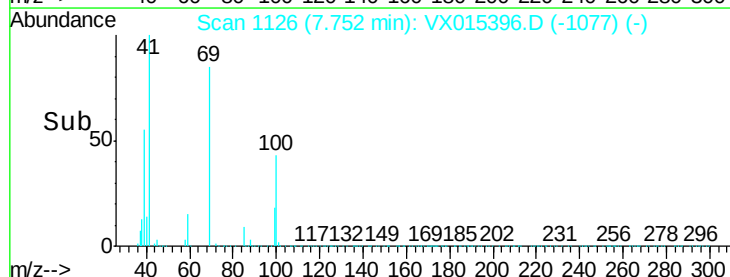
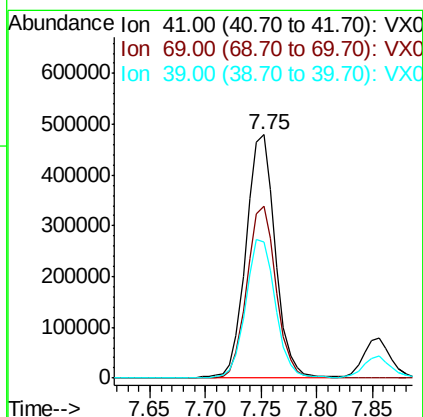
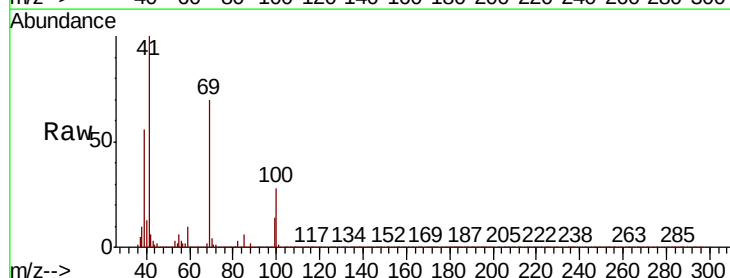
RT: 7.75 min Scan# 1126

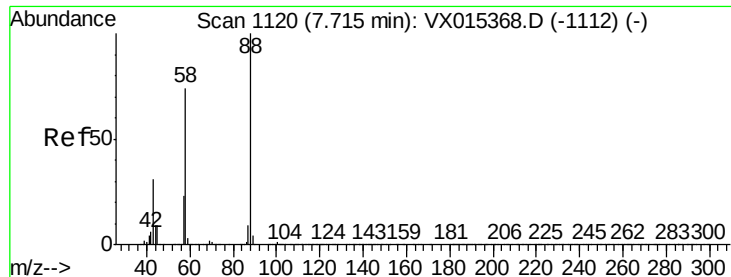
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:	41	Resp:	872336
Ion Ratio	Lower	Upper	
41	100		
69	70.7	56.7	85.1
39	57.6	46.5	69.7





#49

1,4-Dioxane

Concen: 957.456 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

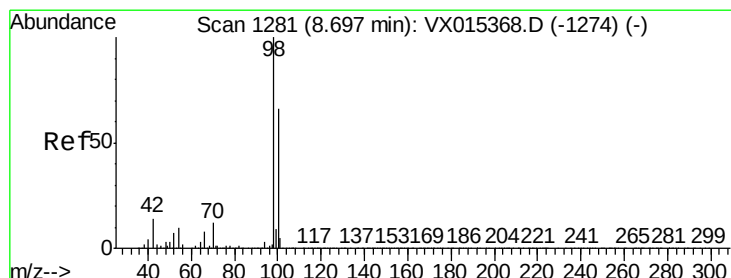
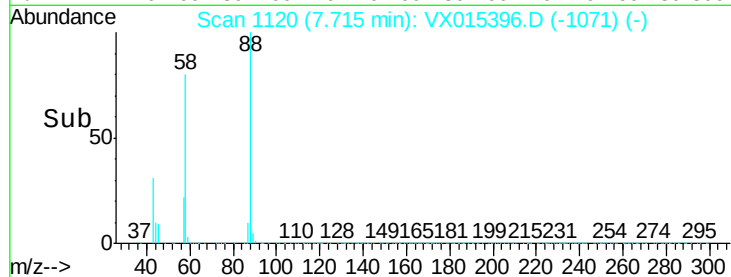
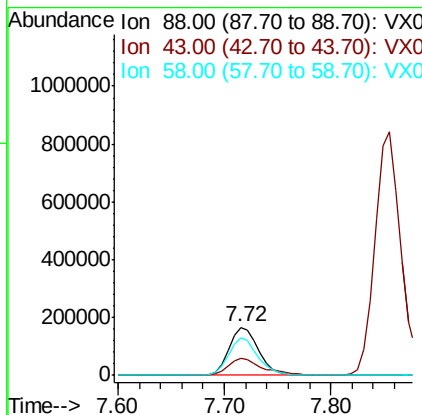
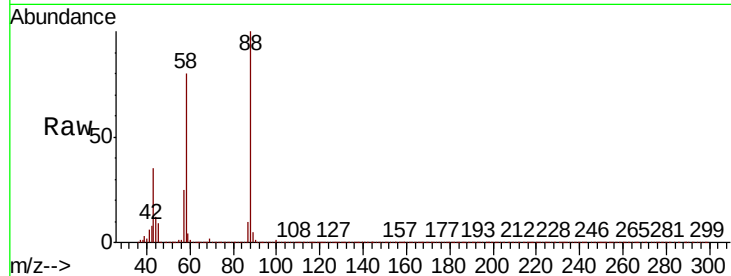
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	316946
Ion Ratio	Lower	Upper	
88	100		
43	39.7	30.1	45.1
58	79.5	60.6	90.8

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#50

Toluene-d8

Concen: 47.034 ug/l

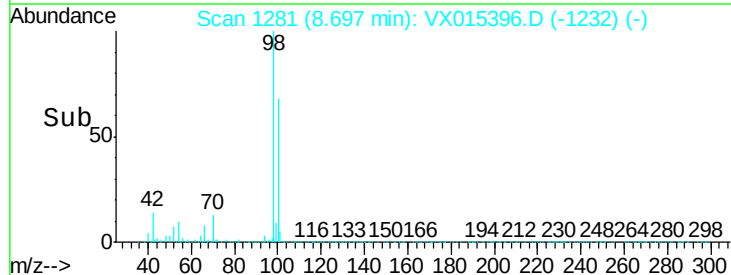
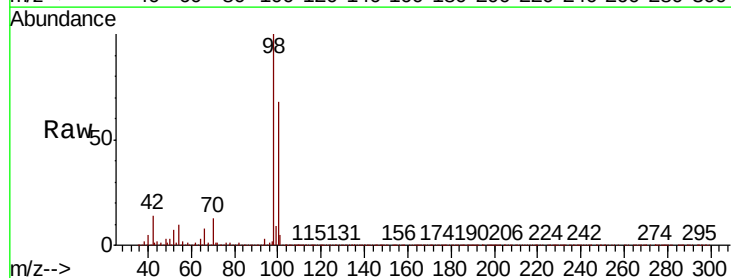
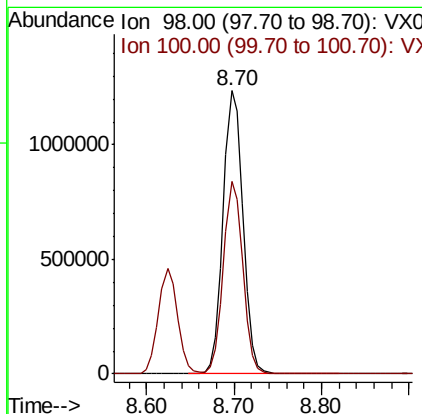
RT: 8.70 min Scan# 1281

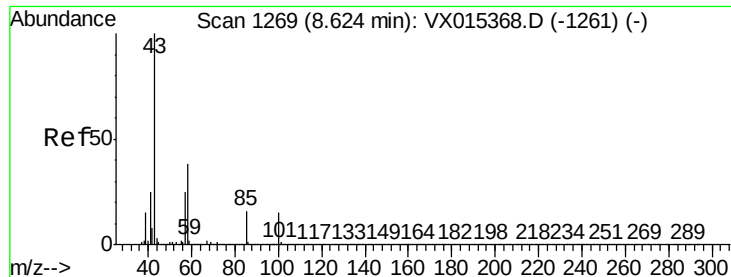
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:	98	Resp:	1941725
Ion Ratio	Lower	Upper	
98	100		
100	66.5	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 246.322 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4959263

Ion Ratio Lower Upper

43 100

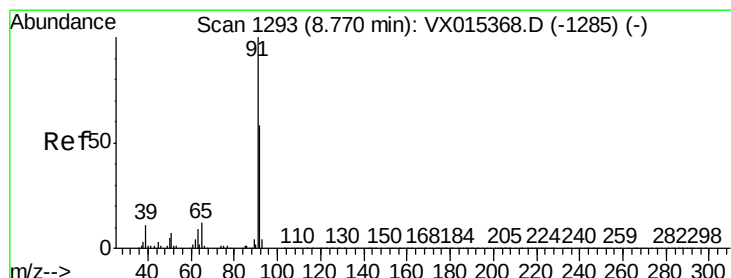
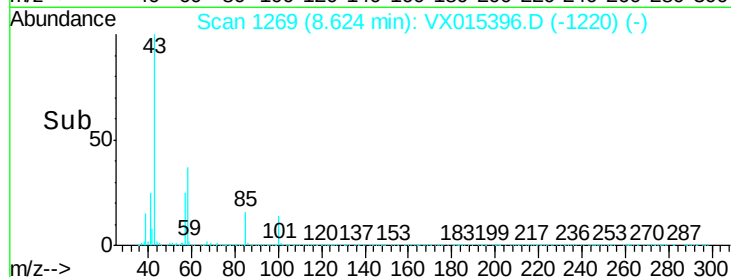
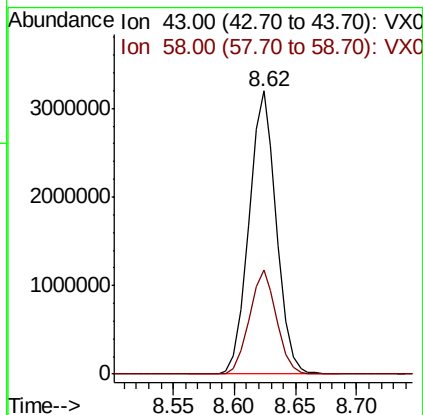
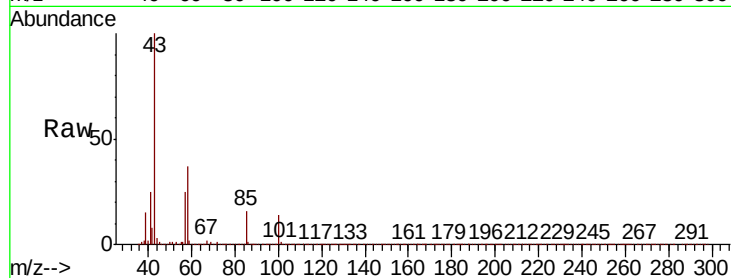
58 36.5 29.7 44.5

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#52

Toluene

Concen: 49.555 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015396.D

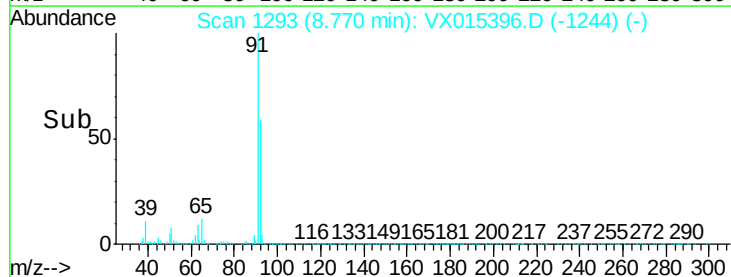
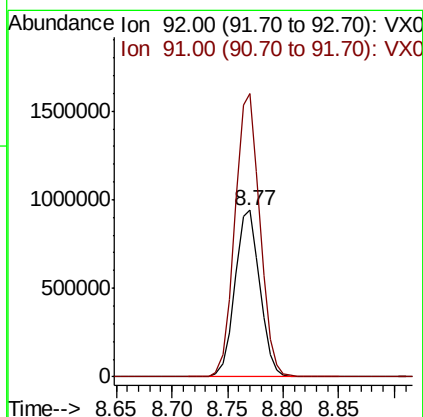
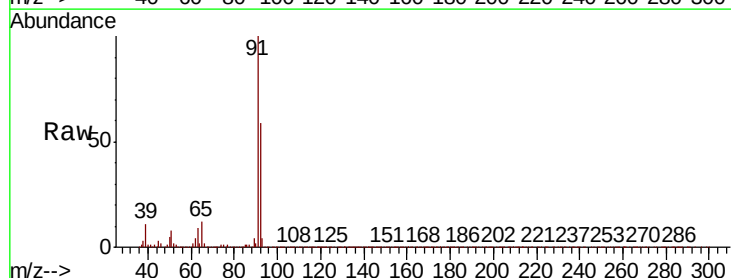
Acq: 27 Mar 2020 20:45

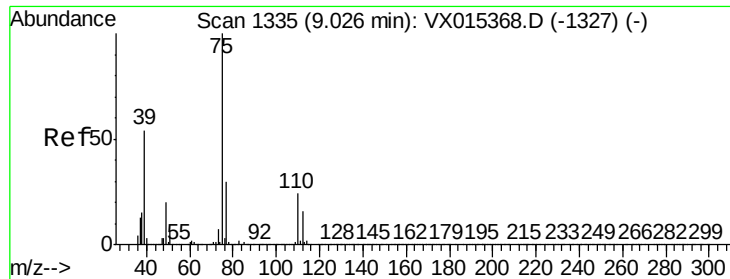
Tgt Ion: 92 Resp: 1446459

Ion Ratio Lower Upper

92 100

91 171.0 136.6 205.0





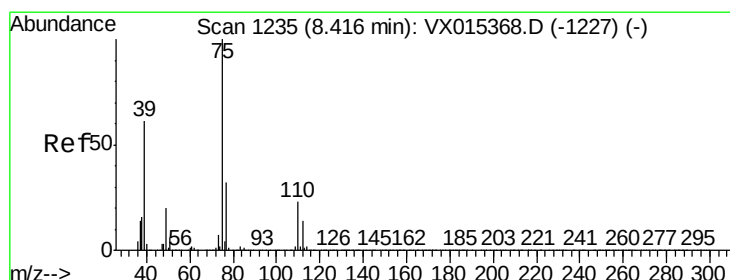
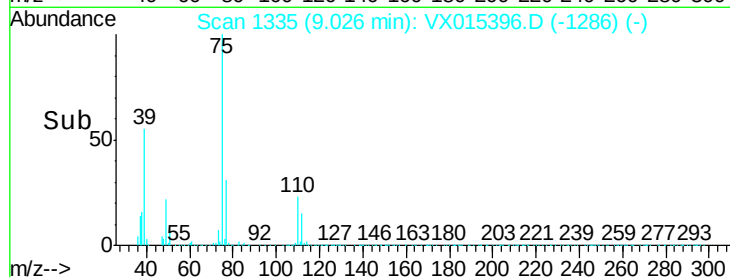
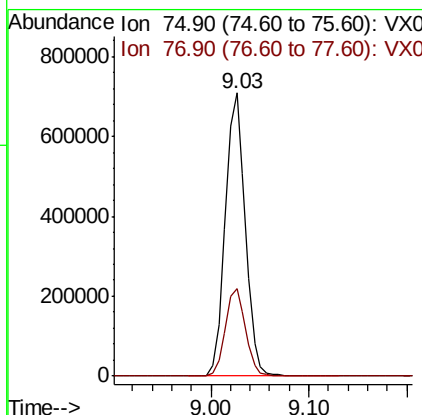
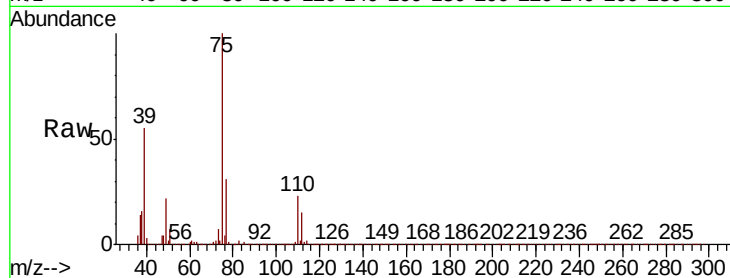
#53
t-1,3-Dichloropropene
Concen: 47.380 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 1005958
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1

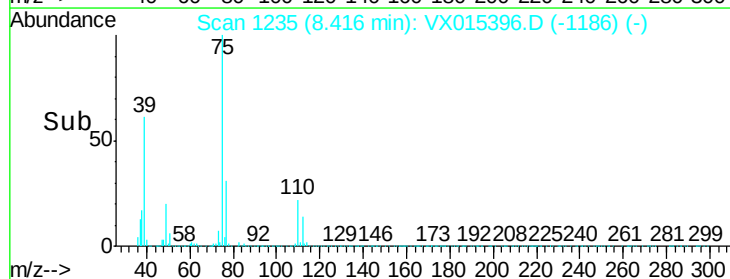
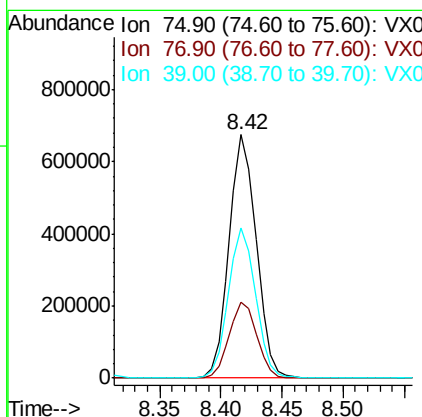
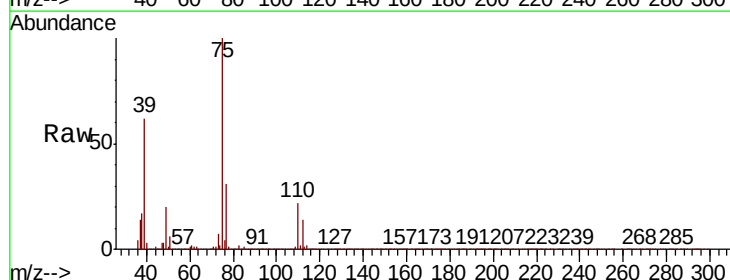
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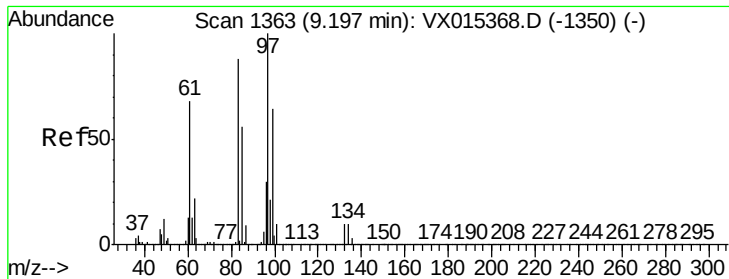
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#54
cis-1,3-Dichloropropene
Concen: 48.077 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 75 Resp: 1039811
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6
39 61.4 49.0 73.4





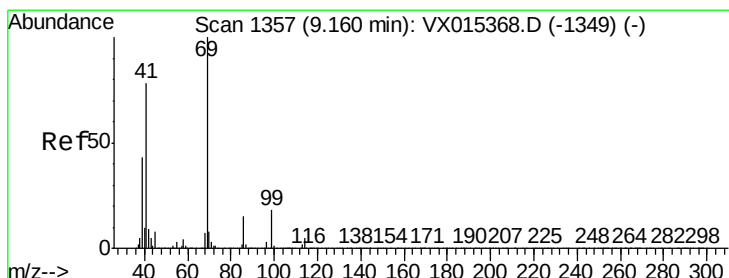
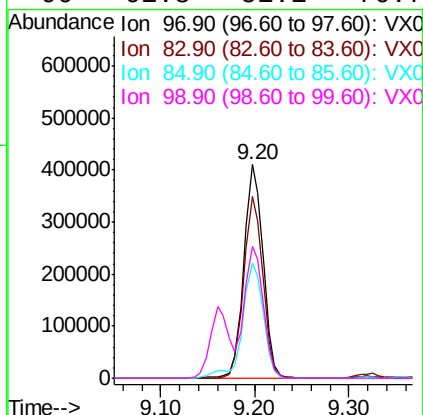
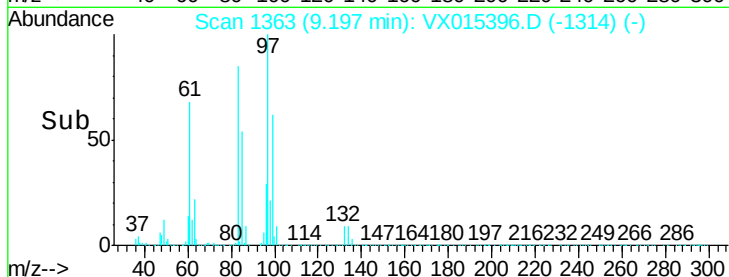
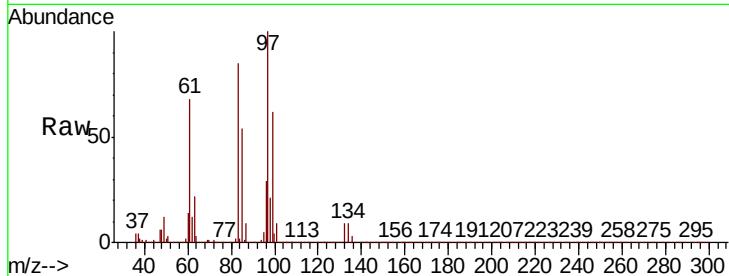
#55
 1,1,2-Trichloroethane
 Concen: 48.732 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	85.1	70.2	105.4	
85	54.1	44.7	67.1	
99	61.8	51.1	76.7	

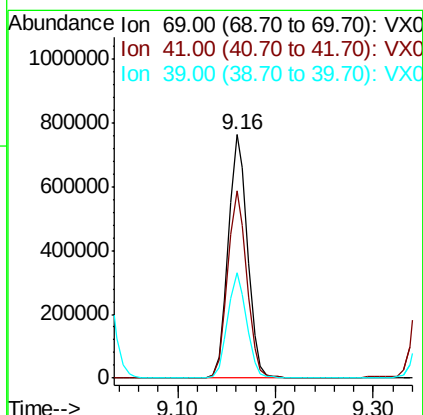
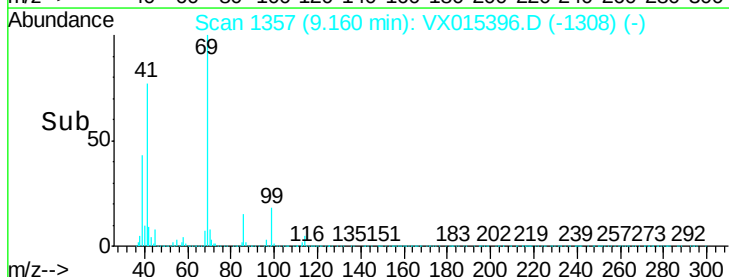
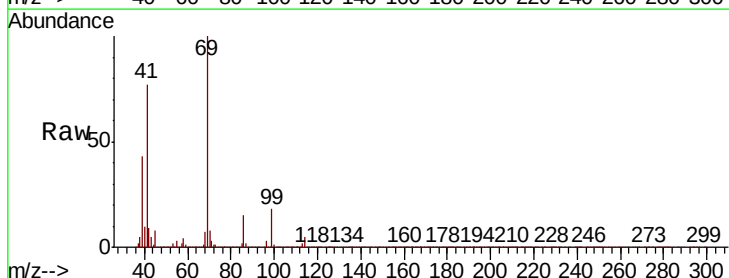
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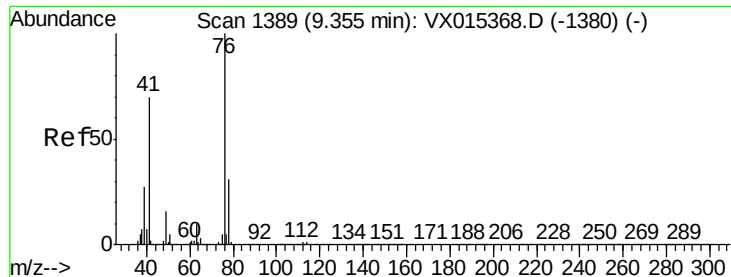
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#56
 Ethyl methacrylate
 Concen: 49.394 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	76.6	61.6	92.4	
39	42.6	34.0	51.0	





#57

1,3-Dichloropropane

Concen: 47.717 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1028117

Ion Ratio Lower Upper

76 100

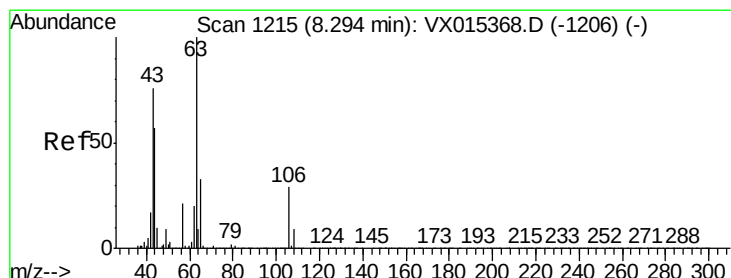
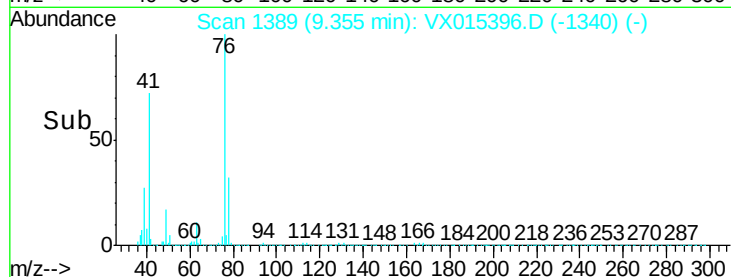
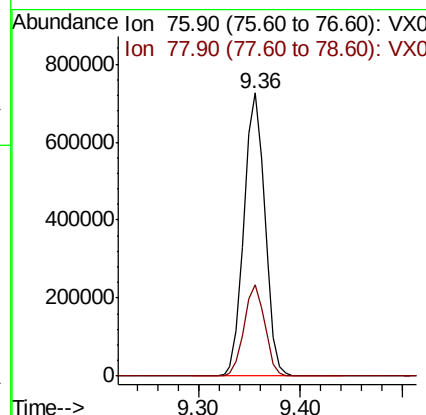
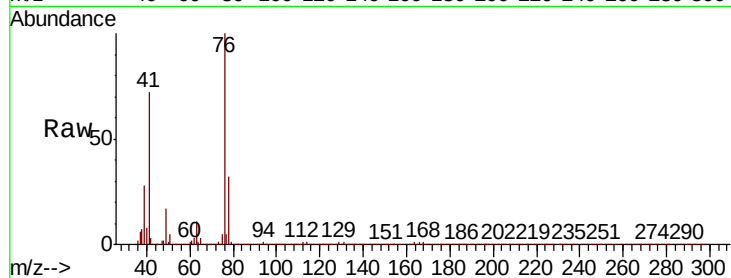
78 31.9 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 240.393 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015396.D

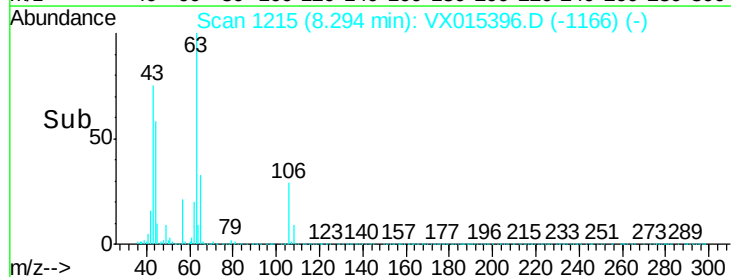
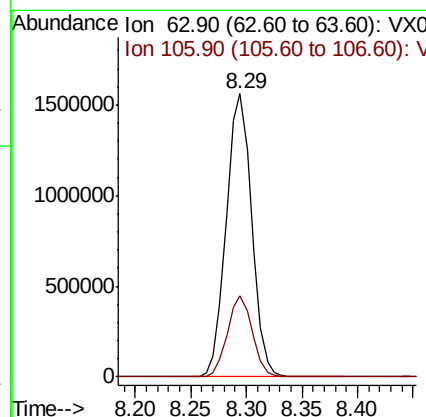
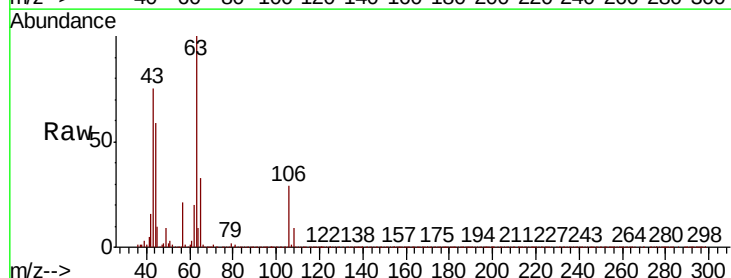
Acq: 27 Mar 2020 20:45

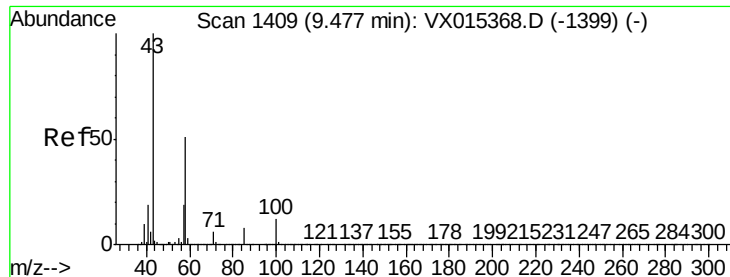
Tgt Ion: 63 Resp: 2464395

Ion Ratio Lower Upper

63 100

106 28.0 22.7 34.1





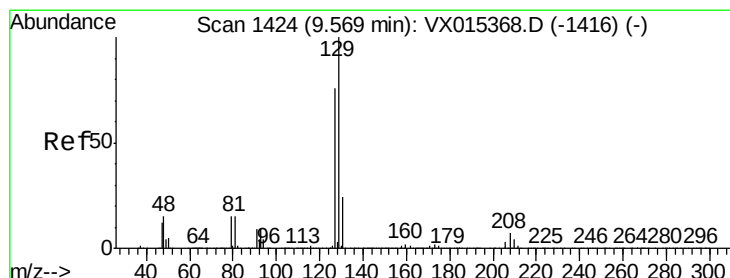
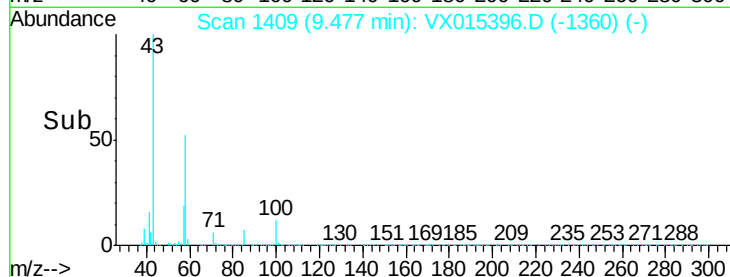
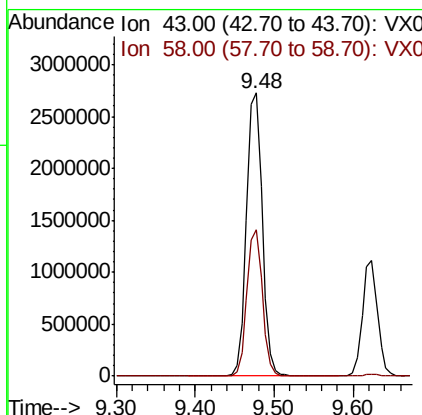
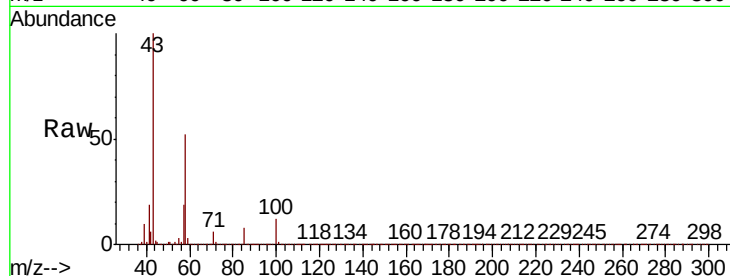
#59
2-Hexanone
Concen: 249.321 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3789730
Ion Ratio Lower Upper
43 100
58 50.8 25.6 76.6

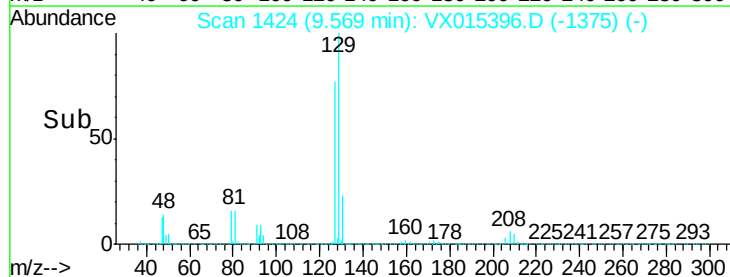
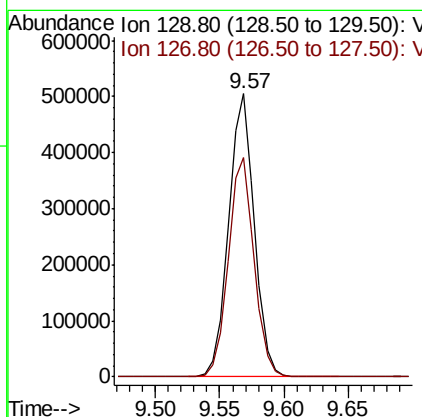
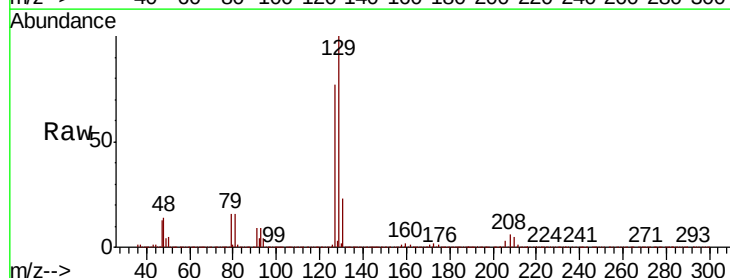
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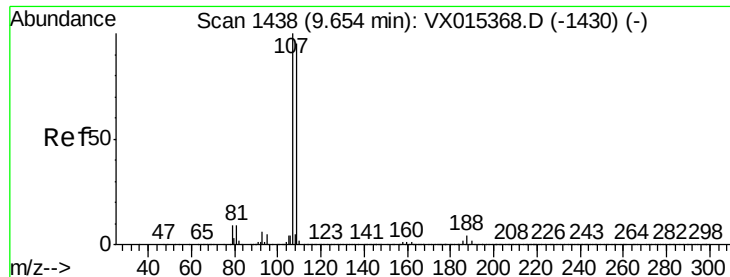
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3/30/2020 3:00:01 PM



#60
Dibromochloromethane
Concen: 48.875 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 129 Resp: 702345
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6





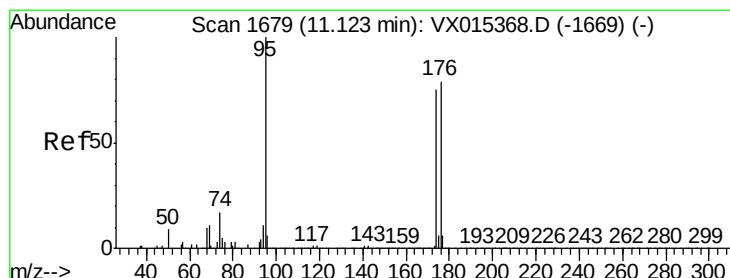
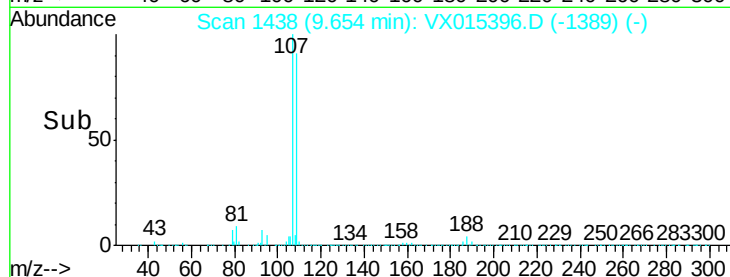
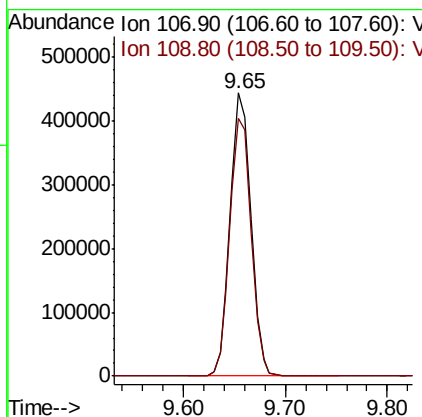
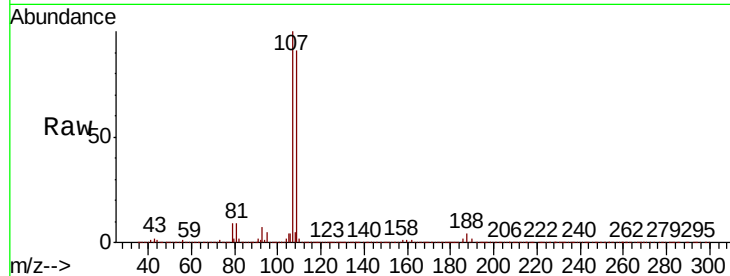
#61
 1,2-Dibromoethane
 Concen: 48.106 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	74.8	112.2

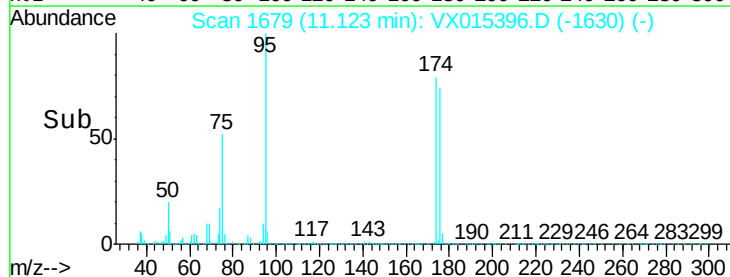
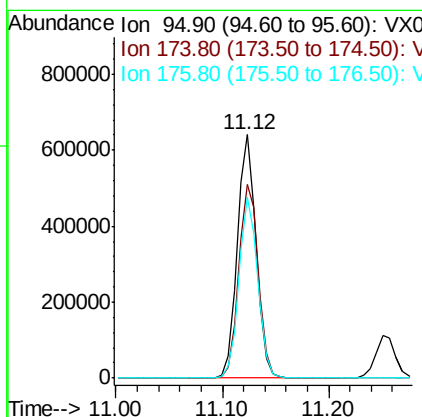
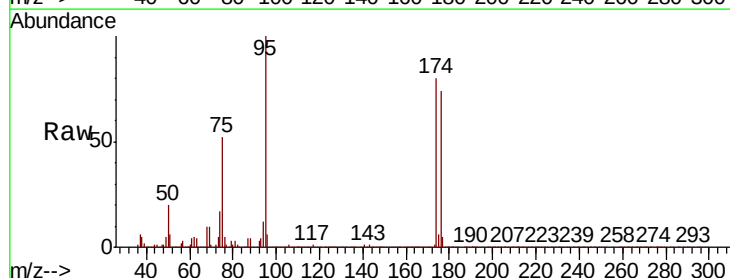
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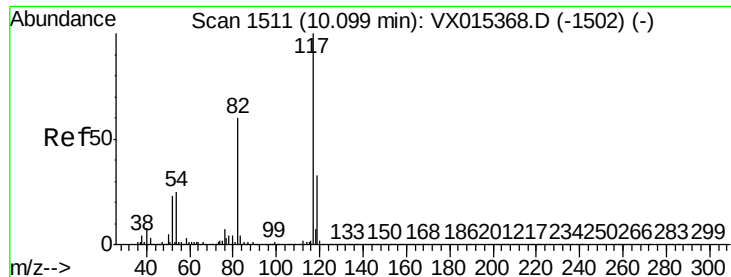
apatel
 3/30/2020 3:00:01 PM



#62
 4-Bromofluorobenzene
 Concen: 47.265 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	158.6
176	74.9	0.0	159.0





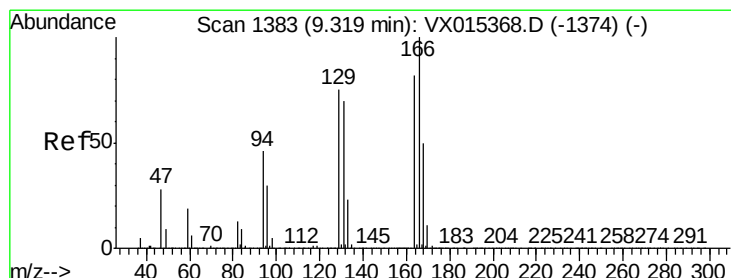
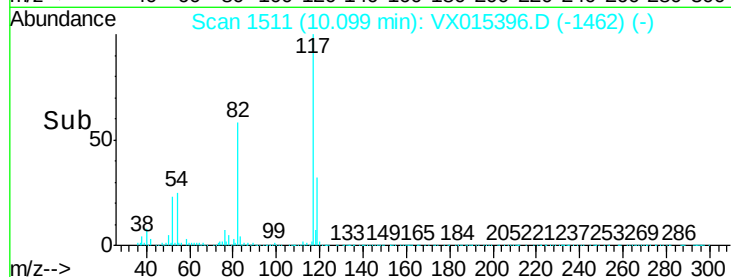
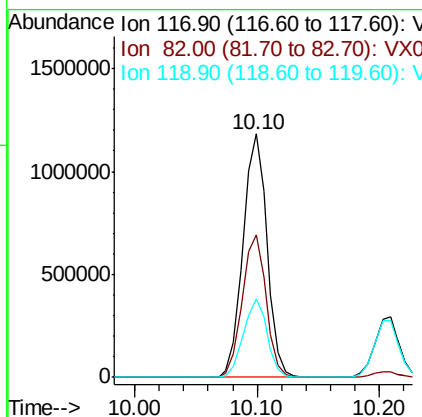
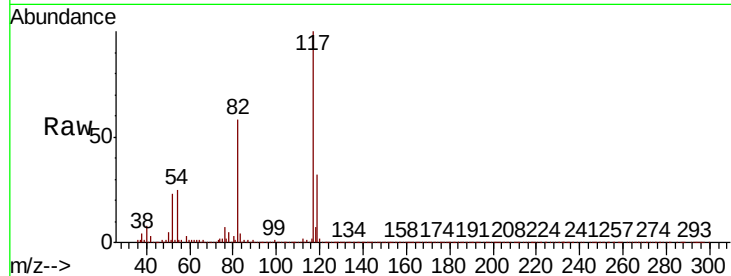
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.8	71.8
119	32.3	26.8	40.2

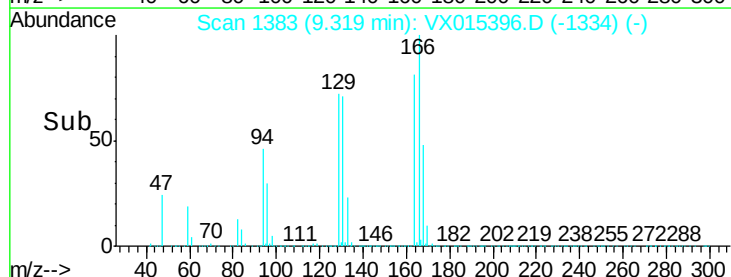
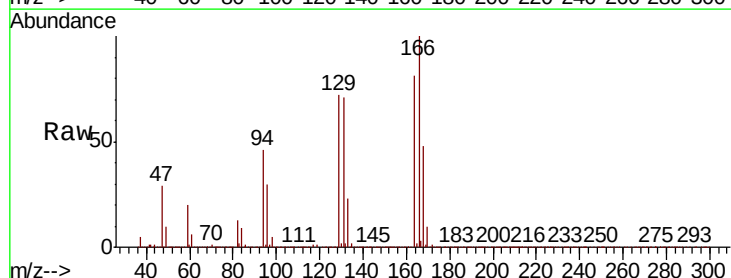
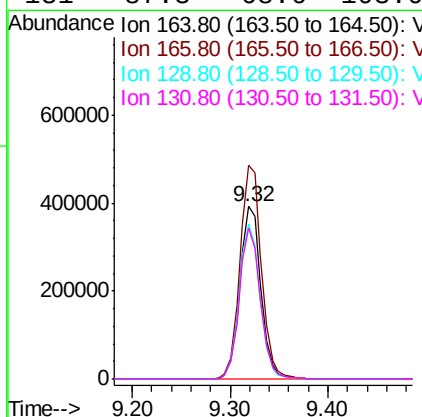
Manual Integrations
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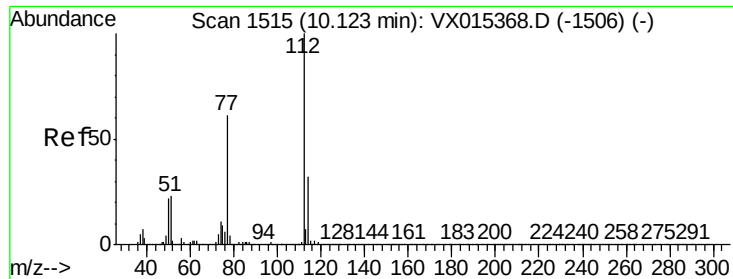
apatel
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#64
Tetrachloroethene
Concen: 48.612 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	97.8	146.6
129	89.6	73.0	109.4
131	87.3	68.6	103.0





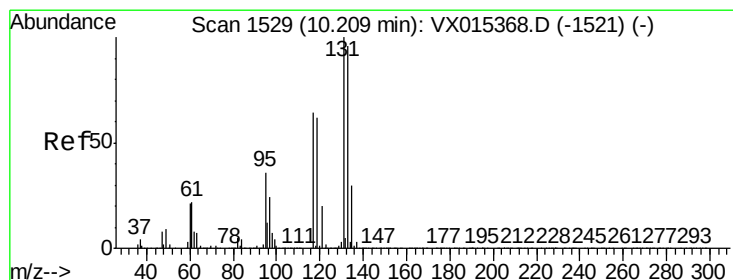
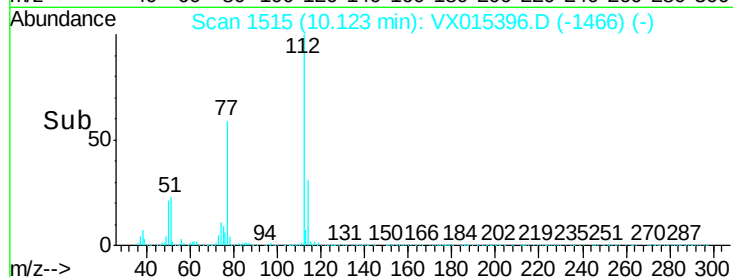
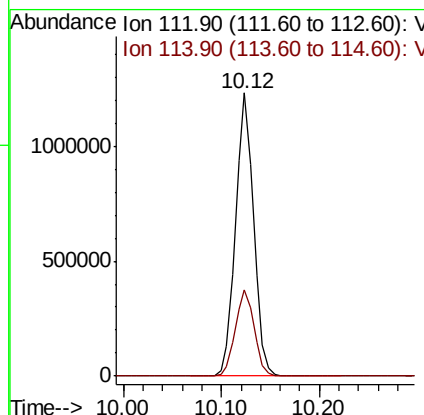
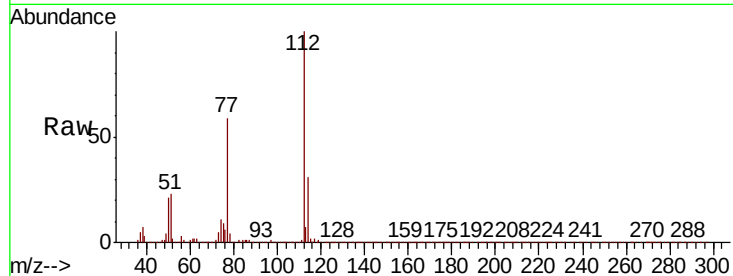
#65
Chlorobenzene
Concen: 49.429 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1577440
Ion Ratio Lower Upper
112 100
114 30.6 25.5 38.3

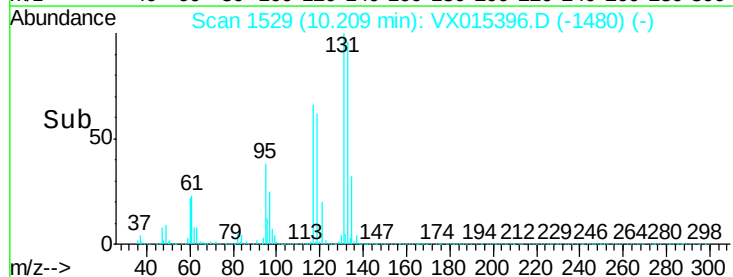
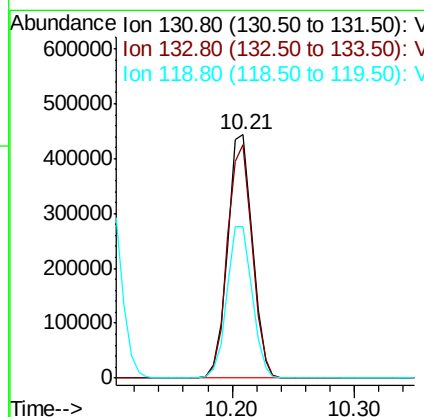
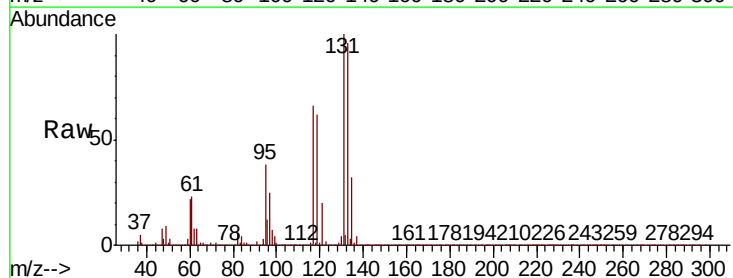
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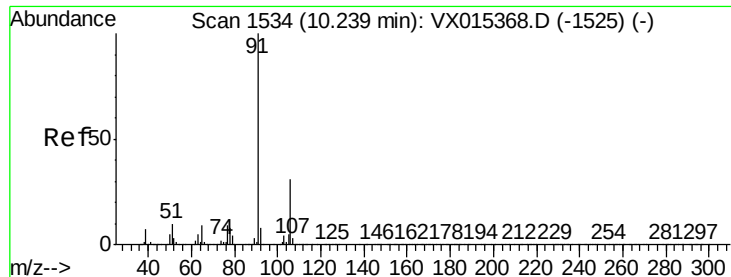
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.651 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion:131 Resp: 620282
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 62.9 31.1 93.3





#67

Ethyl Benzene

Concen: 49.550 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 2804605

Ion Ratio Lower Upper

91 100

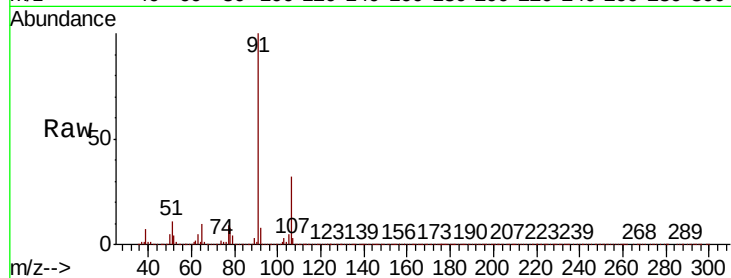
106 31.6 24.8 37.2

Manual Integrations

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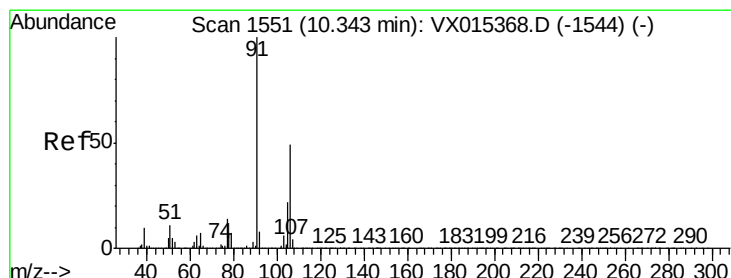
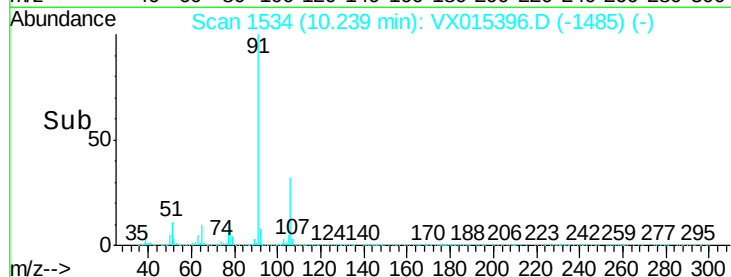
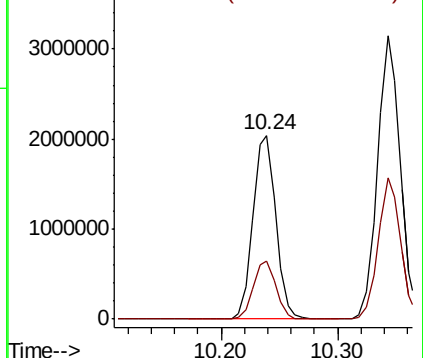
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.232 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015396.D

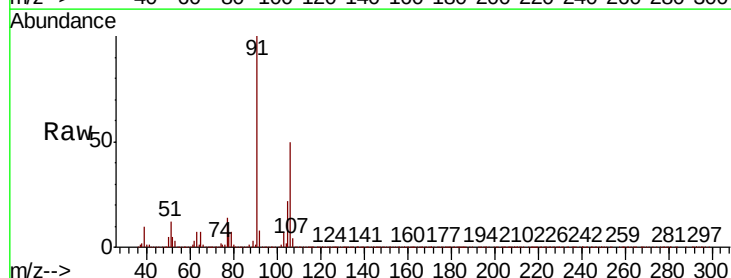
Acq: 27 Mar 2020 20:45

Tgt Ion: 106 Resp: 2112537

Ion Ratio Lower Upper

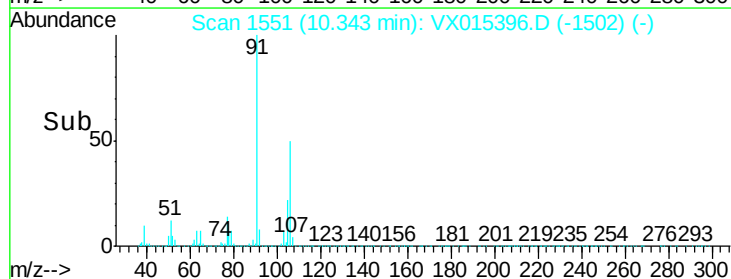
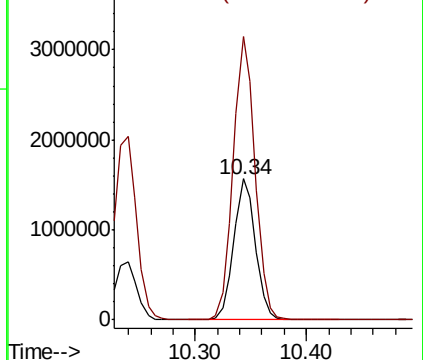
106 100

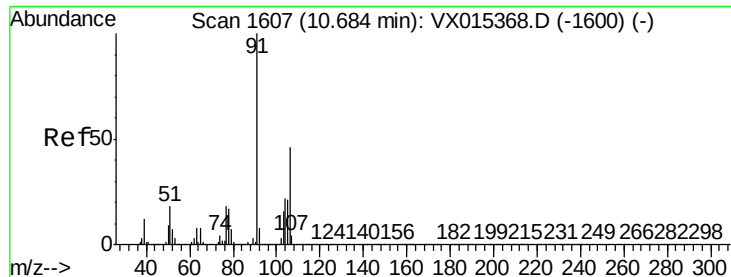
91 202.4 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





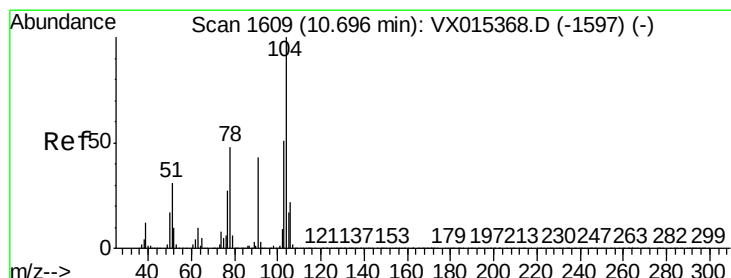
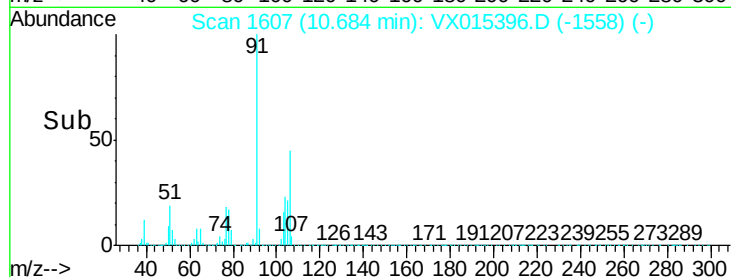
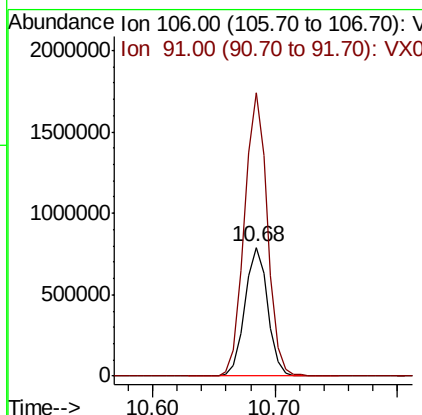
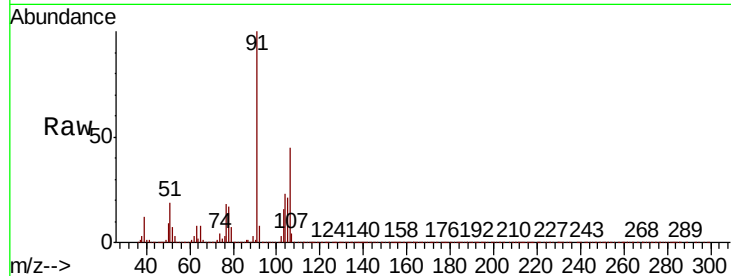
#69
o-Xylene
Concen: 49.129 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 1023203
Ion Ratio Lower Upper
106 100
91 220.2 107.1 321.3

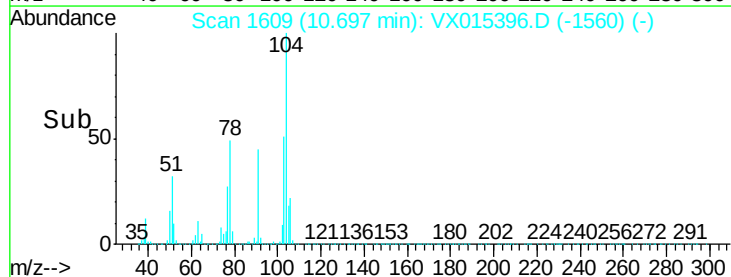
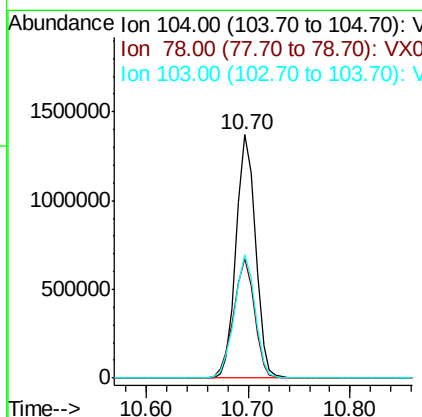
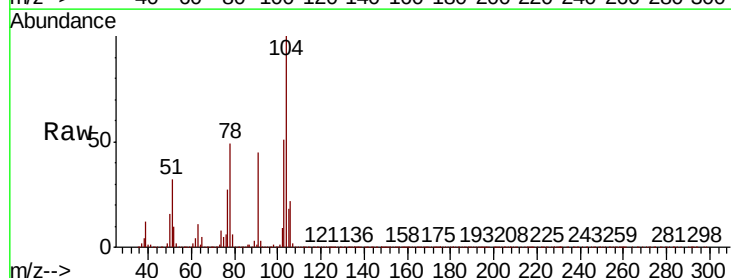
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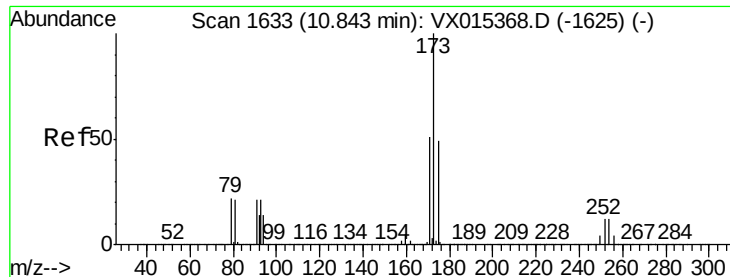
apatel
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#70
Styrene
Concen: 48.988 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion:104 Resp: 1795370
Ion Ratio Lower Upper
104 100
78 52.9 42.0 63.0
103 53.9 43.4 65.0





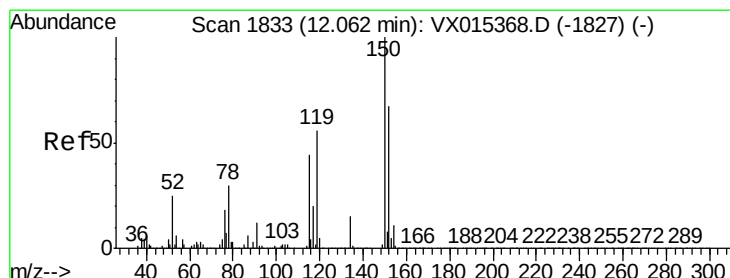
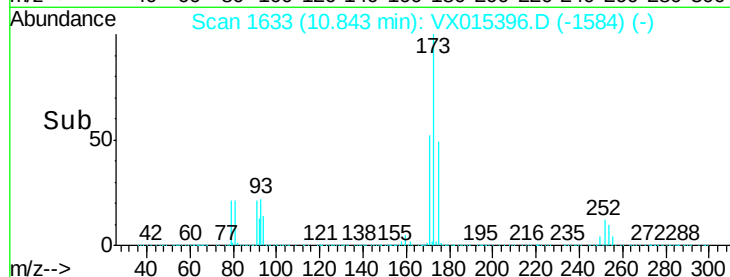
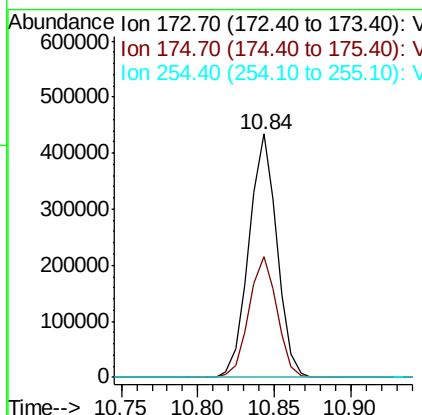
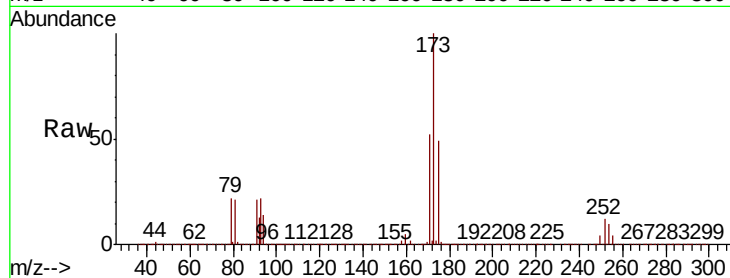
#71
Bromoform
Concen: 47.491 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.8	23.9	71.7	
254	0.3	0.1	0.1#	

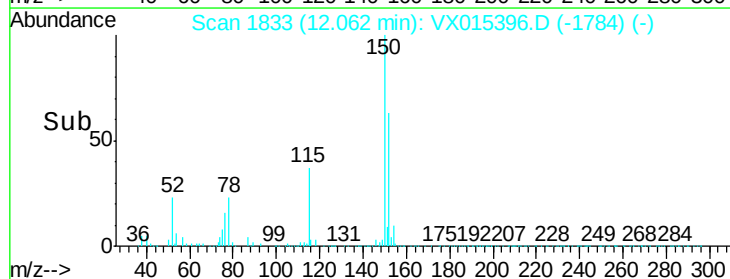
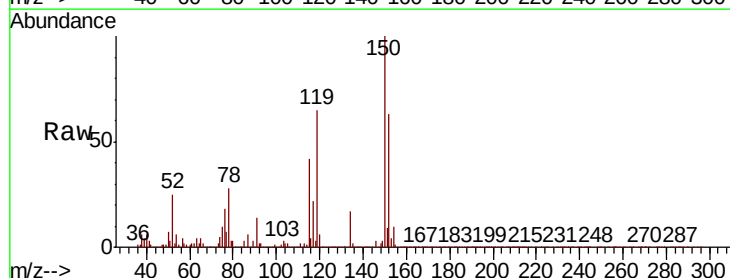
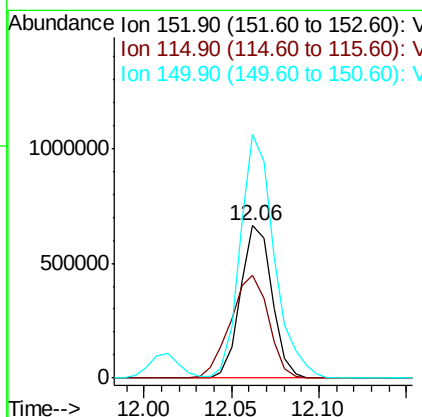
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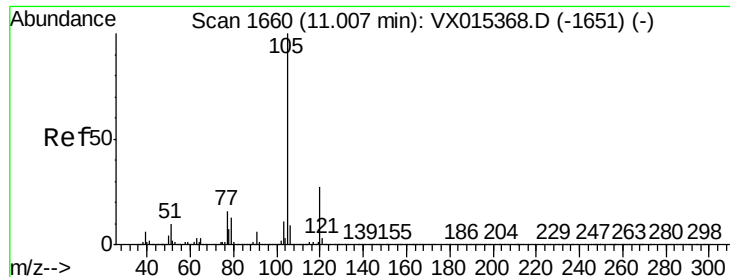
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	82.0	39.0	116.9	
150	172.5	0.0	340.8	





#73

Isopropylbenzene

Concen: 51.073 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2778275

Ion Ratio Lower Upper

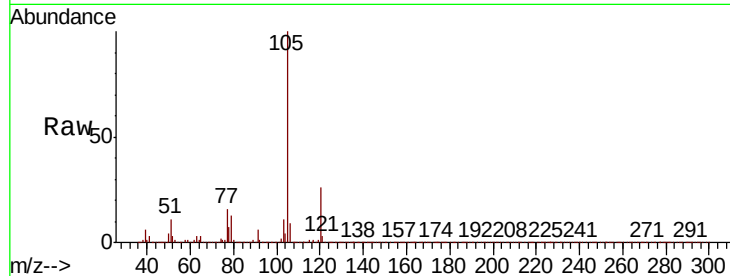
105 100

120 26.6 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

2000000

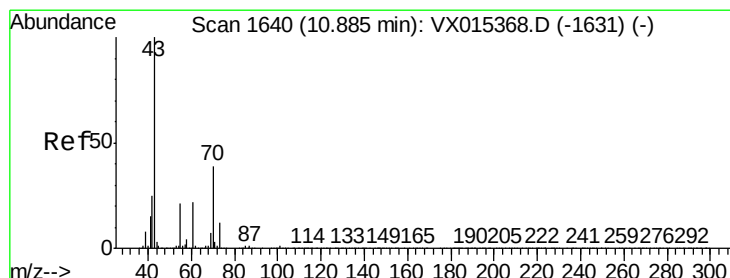
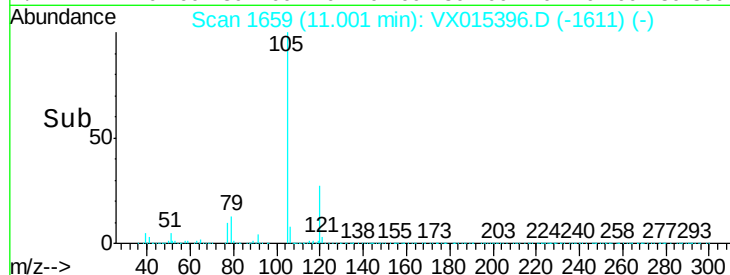
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 49.062 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion: 43 Resp: 1484392

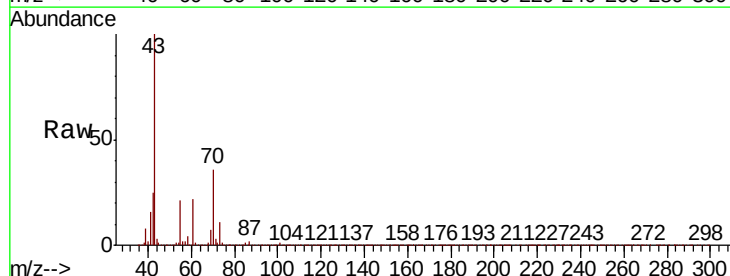
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 21.5 16.8 25.2

61 22.8 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

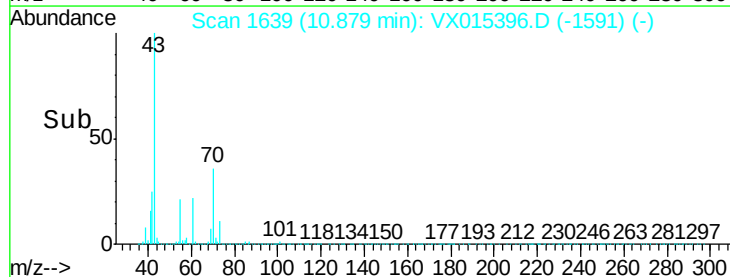
1500000

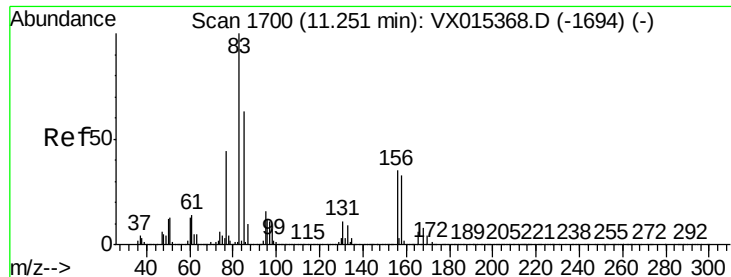
1000000

500000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.463 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

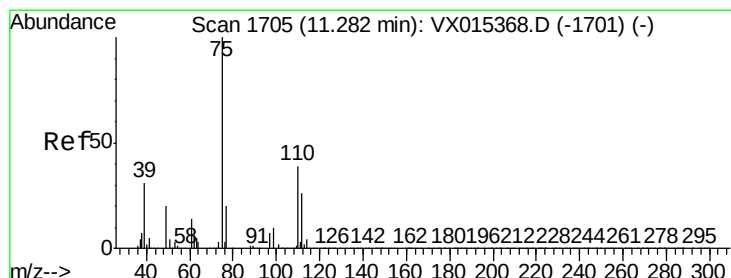
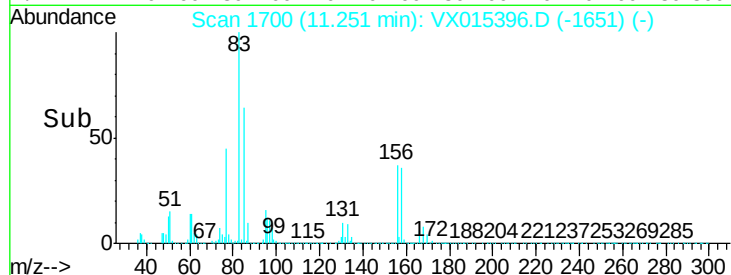
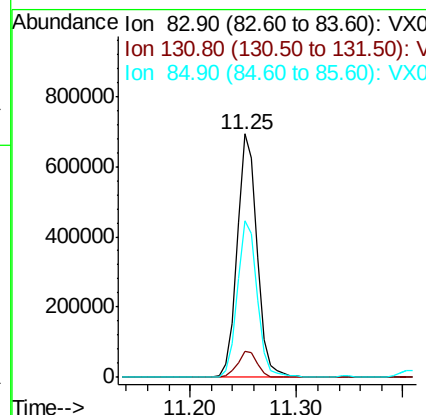
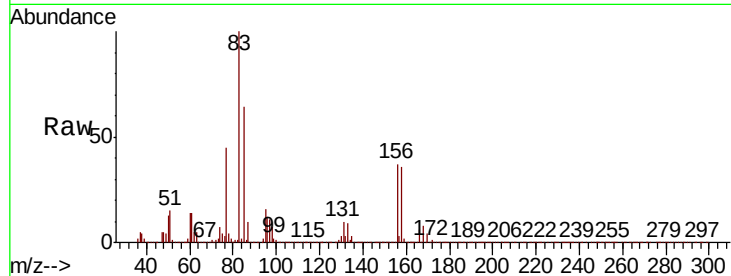
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	904604
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	64.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 49.915 ug/l m

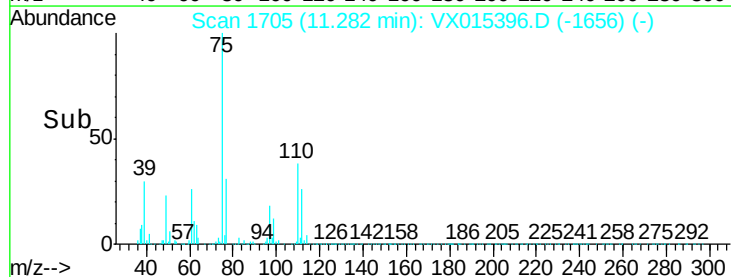
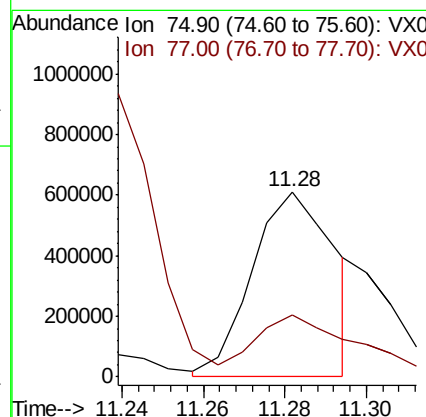
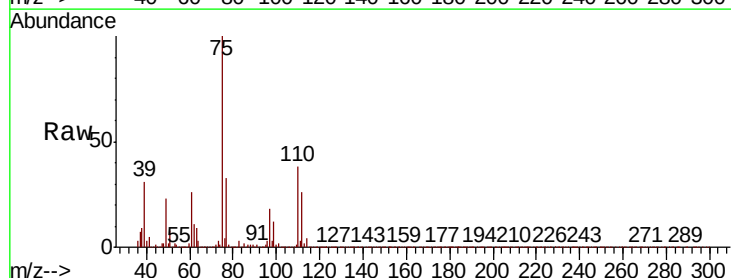
RT: 11.28 min Scan# 1705

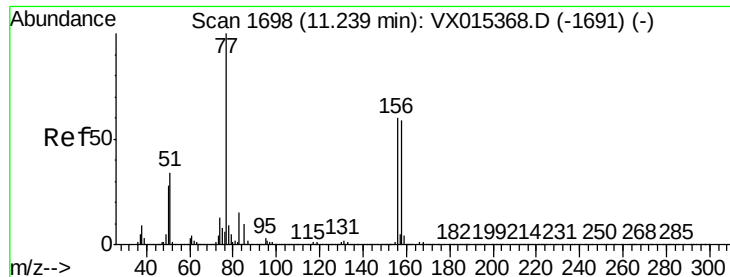
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:	75	Resp:	852191
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.2	63.6





#77

Bromobenzene

Concen: 48.085 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

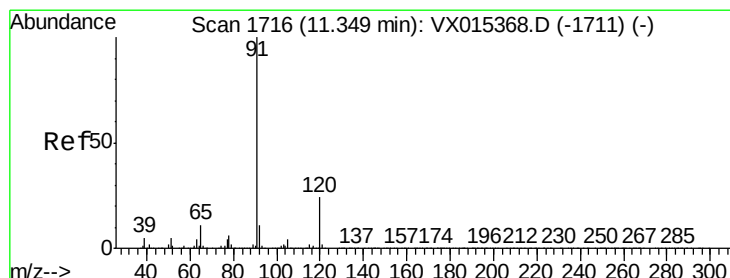
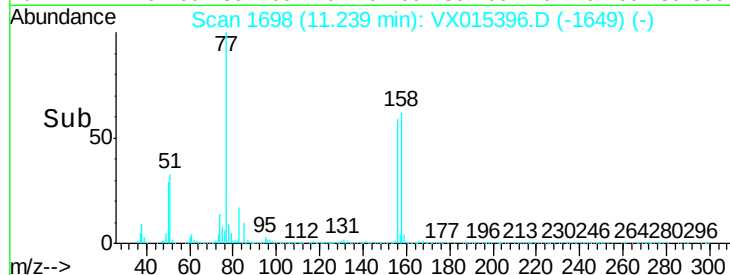
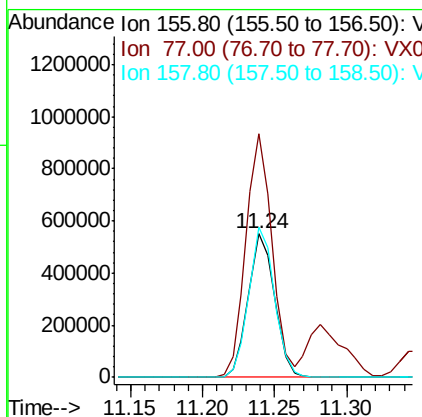
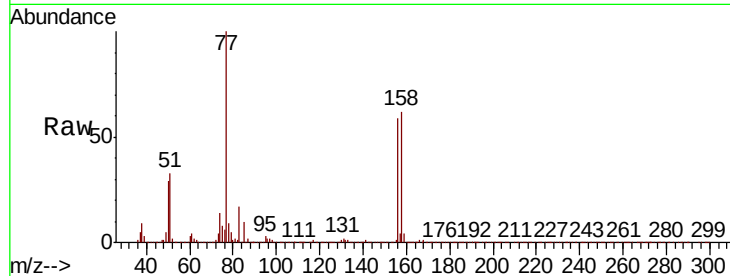
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	697720
Ion Ratio	Lower	Upper	
156	100		
77	167.6	82.2	246.5
158	102.1	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 50.756 ug/l

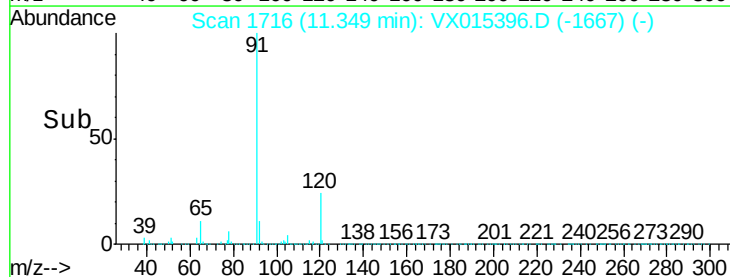
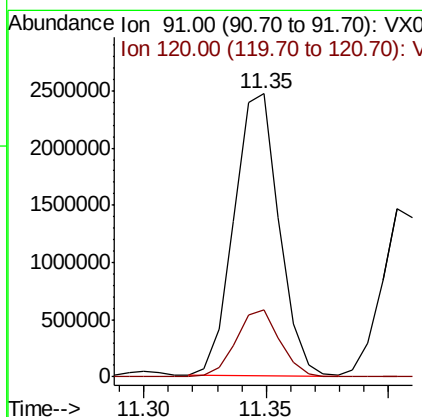
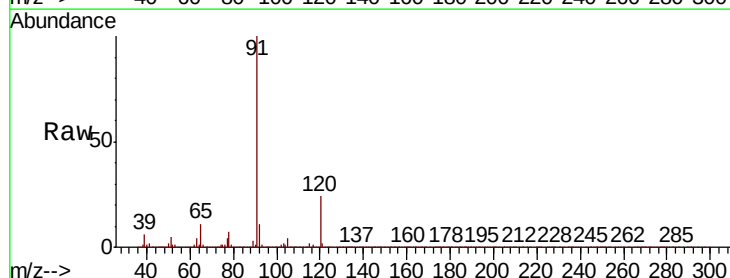
RT: 11.35 min Scan# 1716

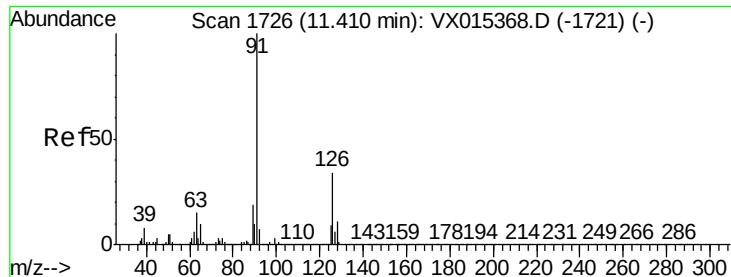
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:	91	Resp:	3157166
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0





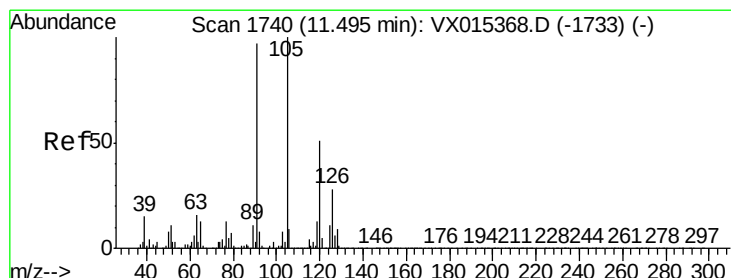
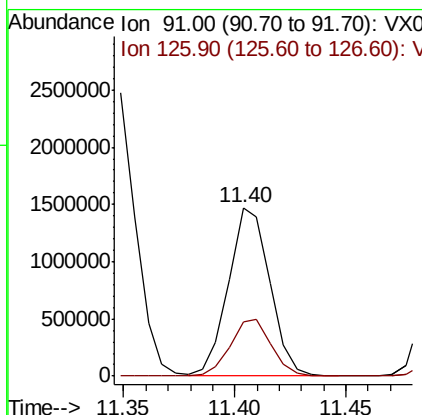
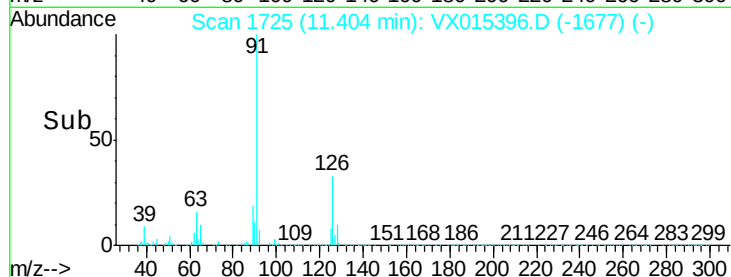
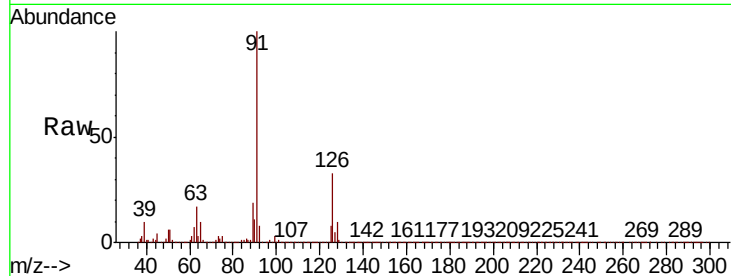
#79
2-Chlorotoluene
Concen: 49.856 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1900796
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5

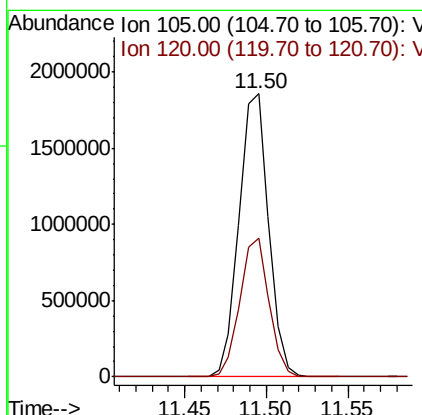
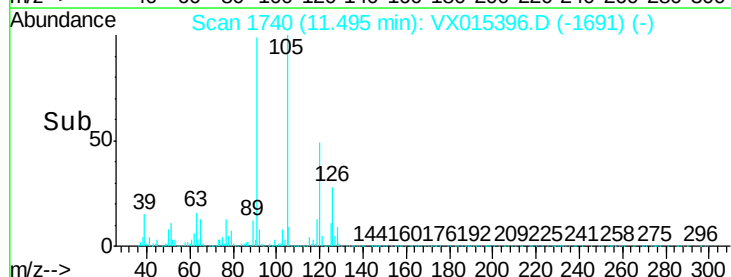
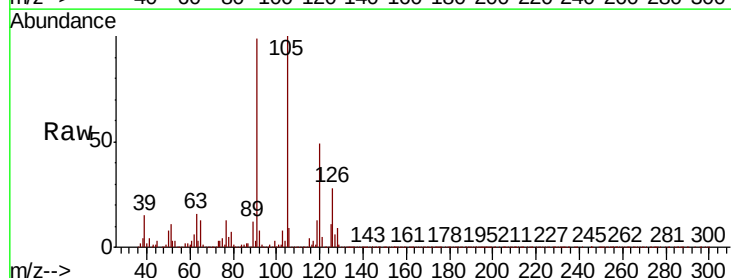
Manual Integrations
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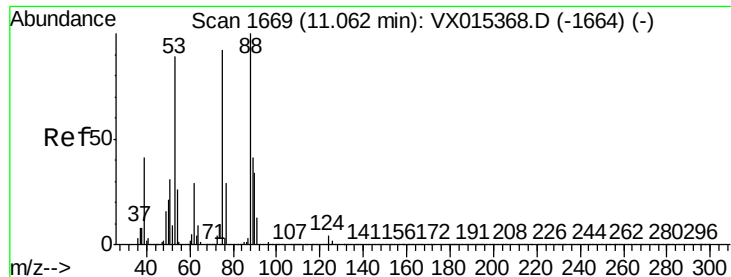
apatel
3/30/2020 3:00:01 PM



#80
1,3,5-Trimethylbenzene
Concen: 50.567 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 105 Resp: 2349213
Ion Ratio Lower Upper
105 100
120 48.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.370 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

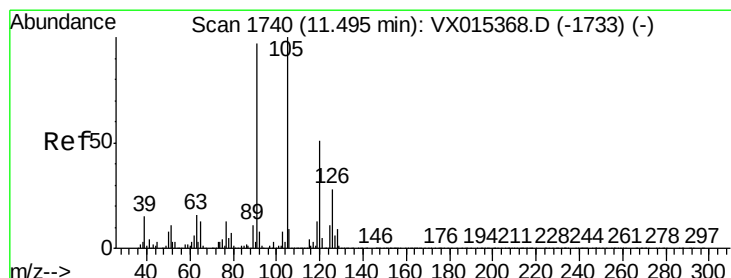
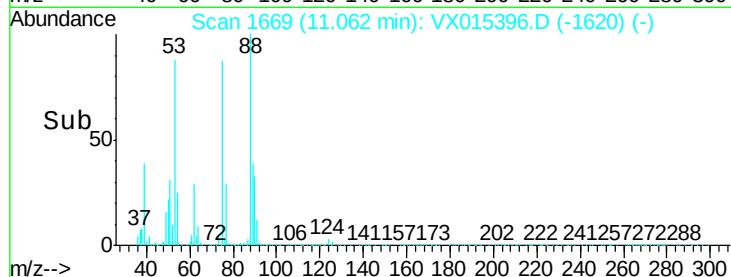
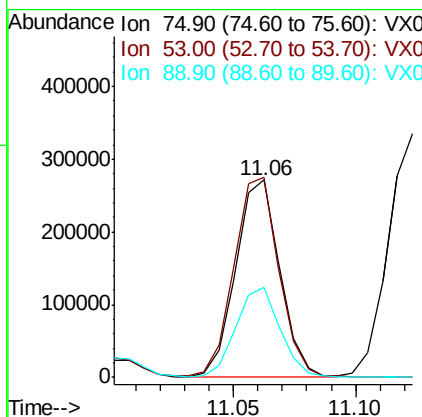
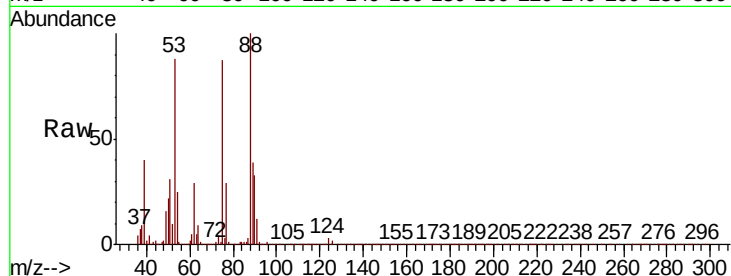
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	337055
Ion	Ratio	Lower	Upper
75	100		
53	103.1	80.1	120.1
89	46.3	36.1	54.1

Manual Integrations
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3/30/2020 3:00:01 PM



#82

4-Chlorotoluene

Concen: 49.920 ug/l

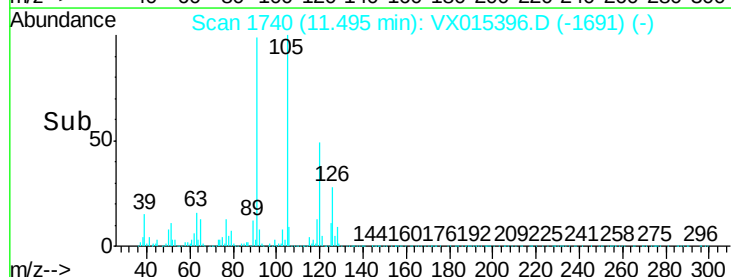
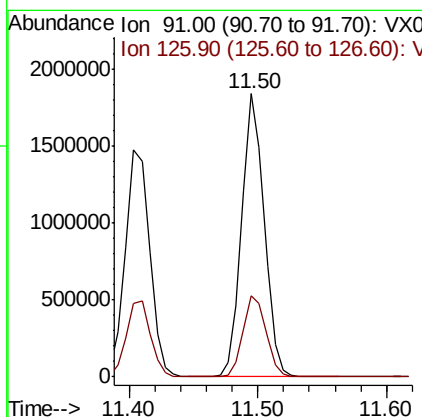
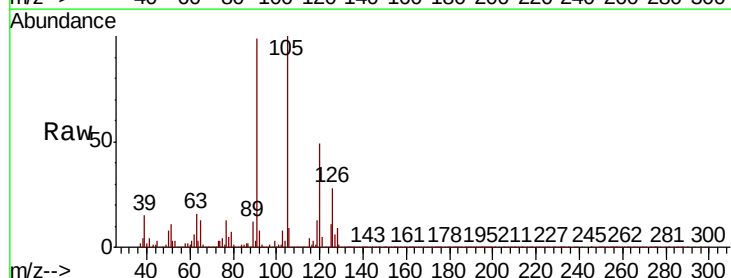
RT: 11.50 min Scan# 1740

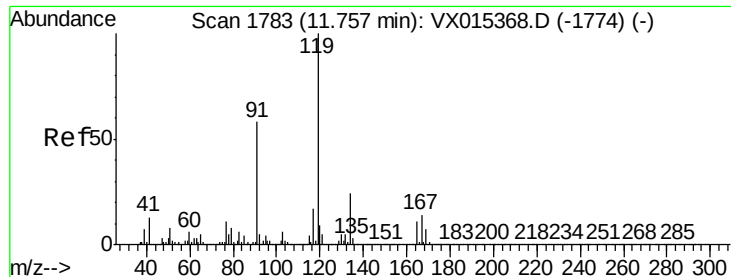
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:	91	Resp:	2231167
Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.7	44.1





#83

tert-Butylbenzene

Concen: 50.525 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 2292771

Ion Ratio Lower Upper

119 100

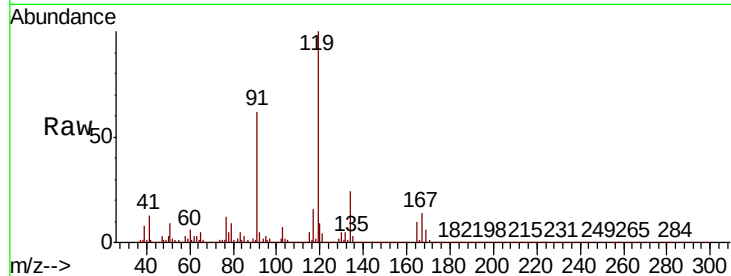
91 61.0 28.6 85.8

134 23.4 11.8 35.3

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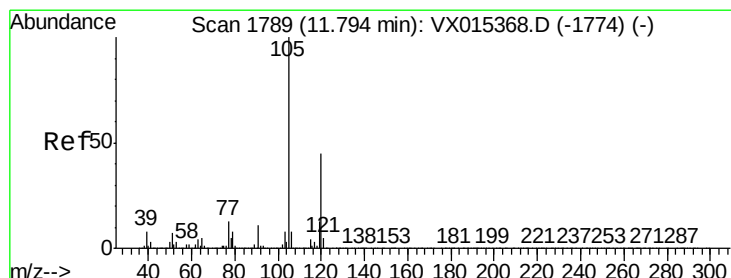
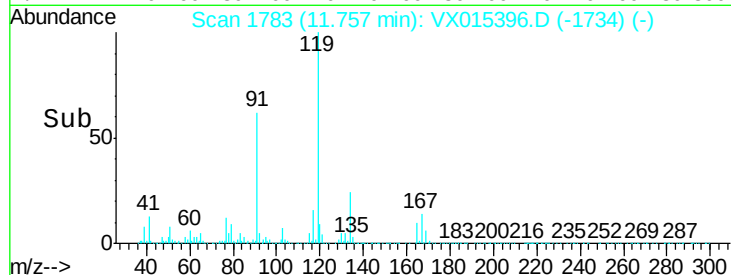
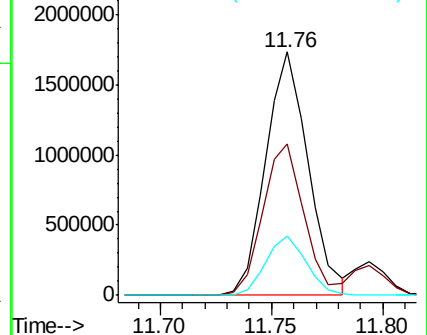
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.381 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015396.D

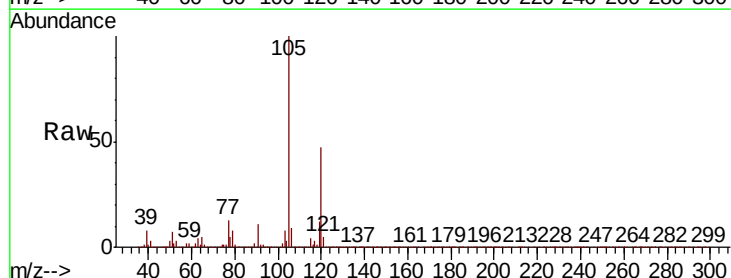
Acq: 27 Mar 2020 20:45

Tgt Ion:105 Resp: 2385156

Ion Ratio Lower Upper

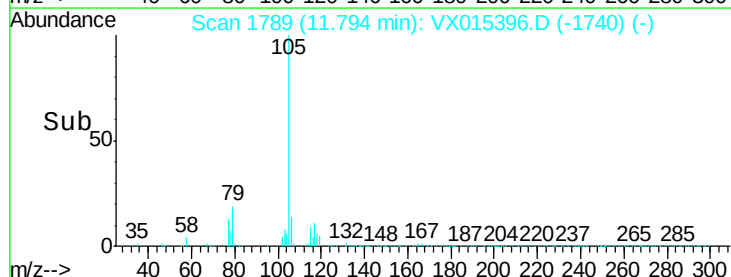
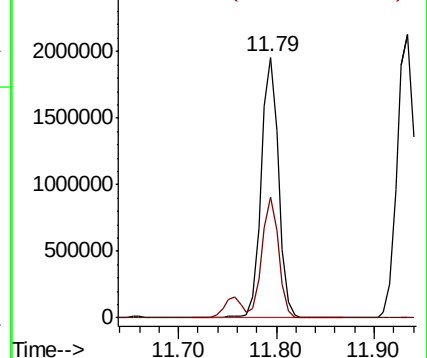
105 100

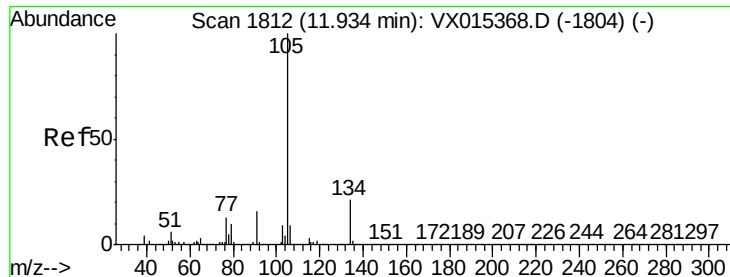
120 45.0 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.489 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2649824

Ion Ratio Lower Upper

105 100

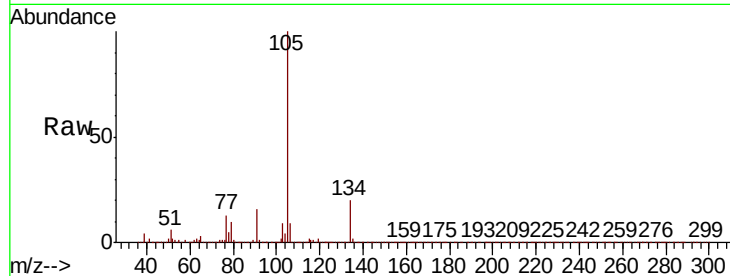
134 20.1 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

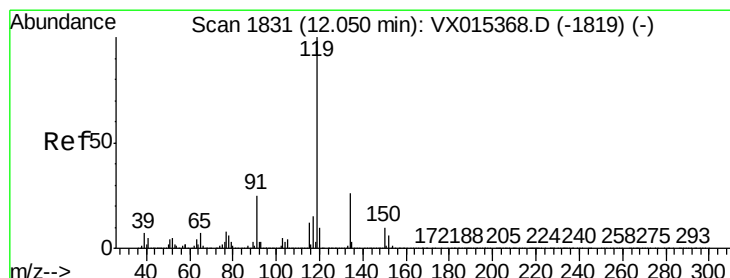
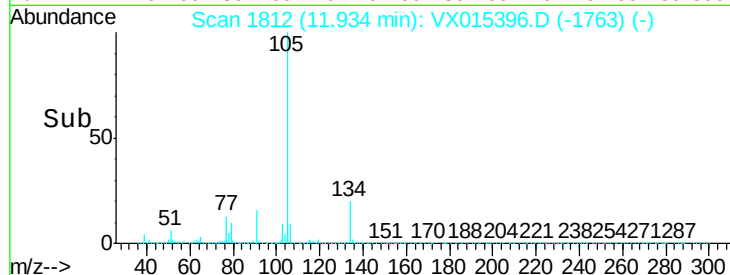
1500000

1000000

500000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.165 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

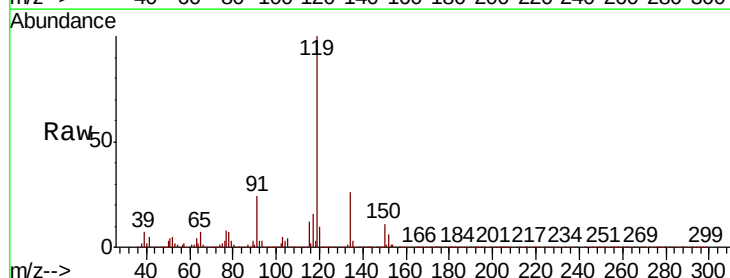
Tgt Ion:119 Resp: 2492907

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.2 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

2500000

2000000

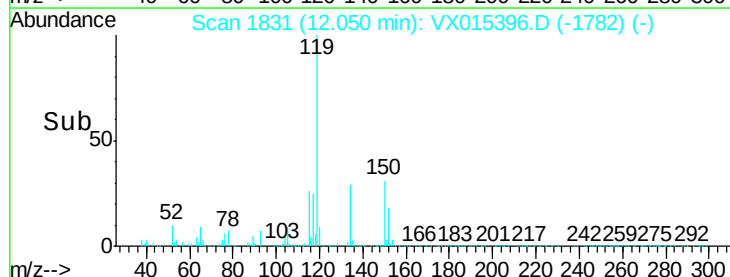
1500000

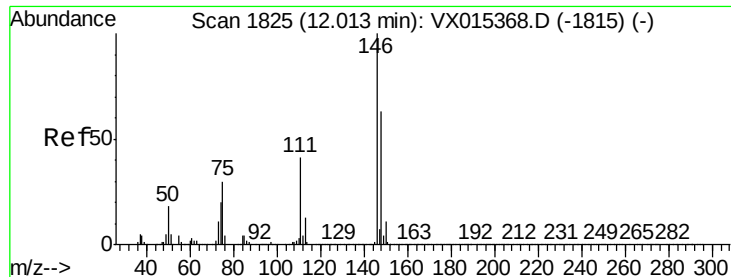
1000000

500000

0

Time--> 12.00 12.10





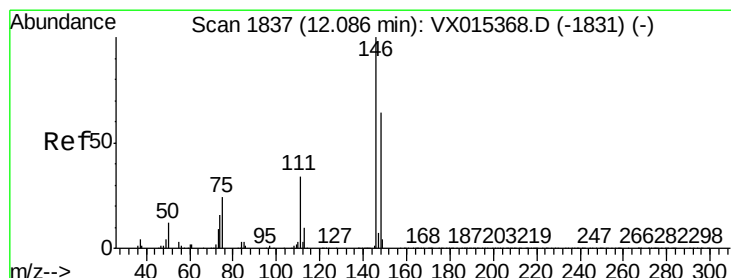
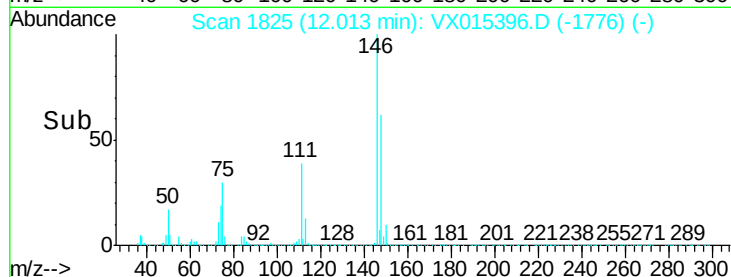
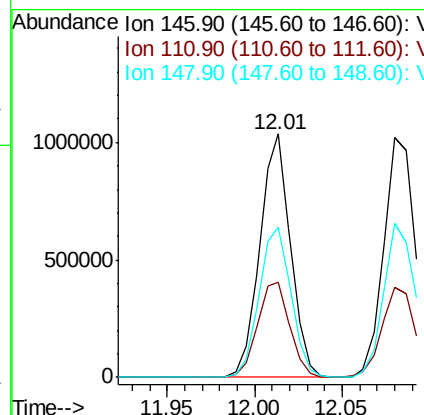
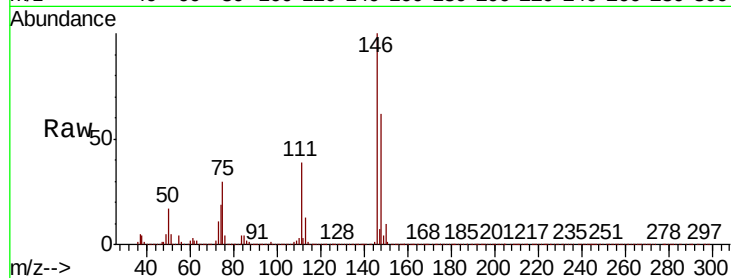
#87
 1,3-Dichlorobenzene
 Concen: 48.405 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.9
148	64.1	31.3	93.9

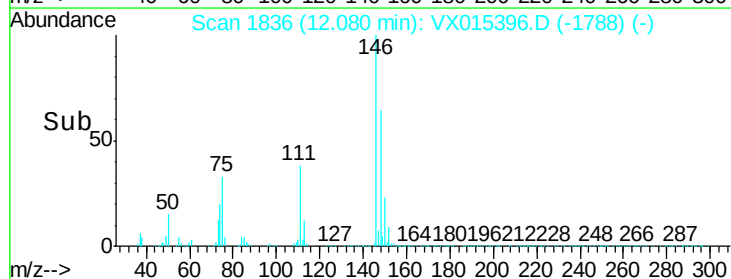
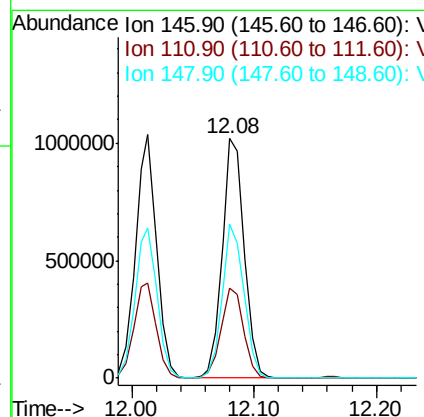
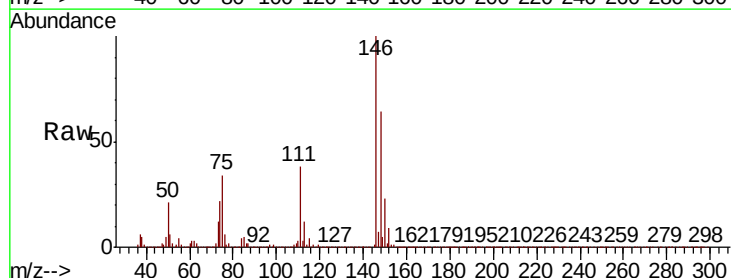
Manual Integrations
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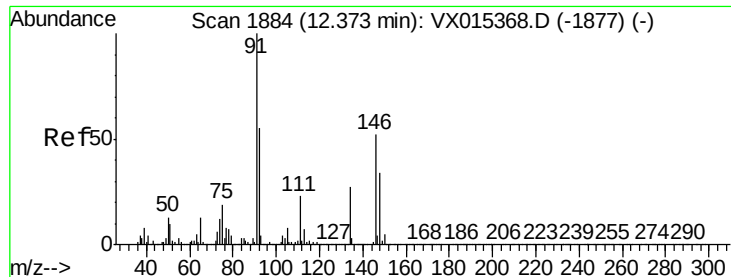
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 48.475 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	63.6	32.4	97.2





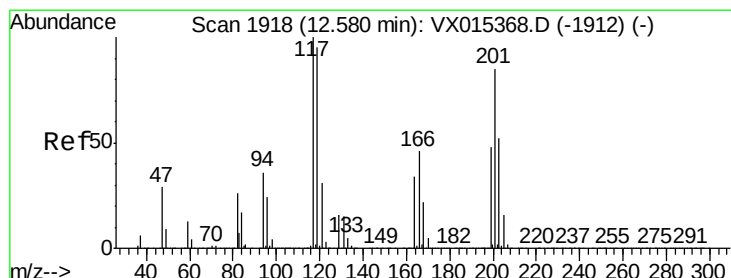
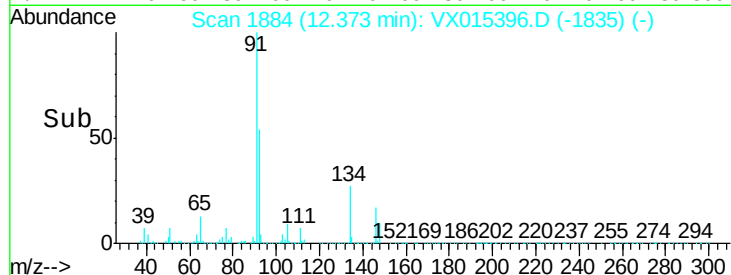
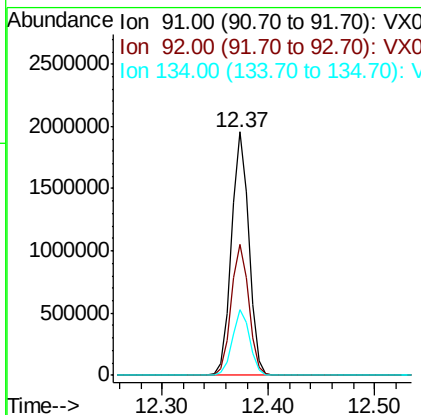
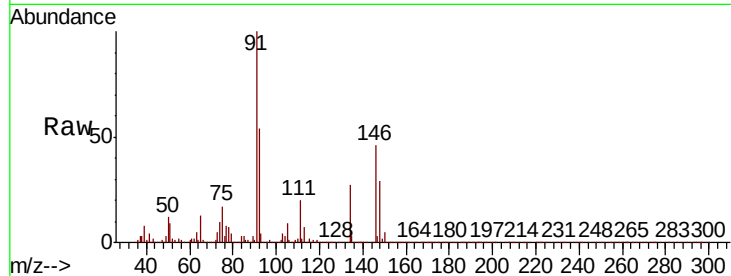
#89
n-Butylbenzene
Concen: 51.050 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2247669
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 26.7 13.4 40.2

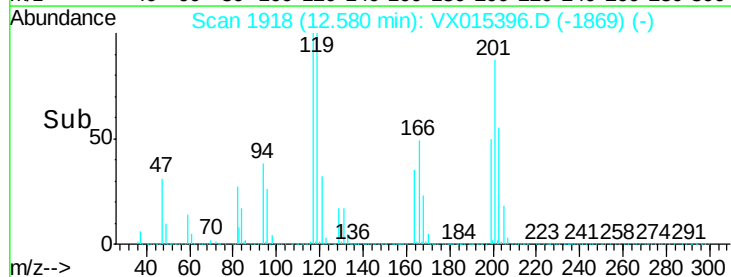
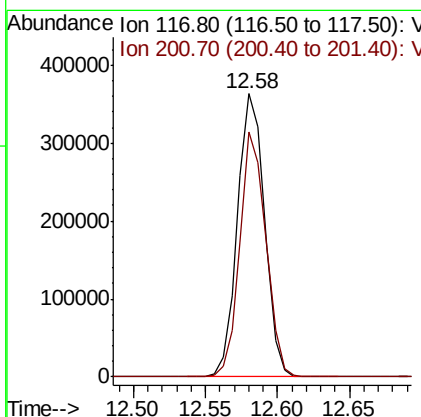
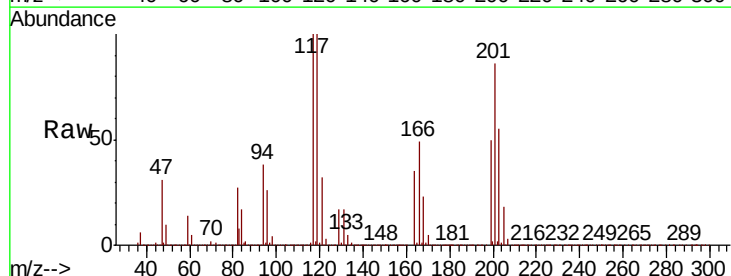
Manual Integrations
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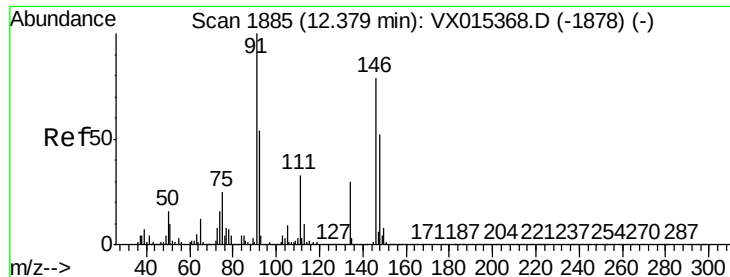
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#90
Hexachloroethane
Concen: 50.005 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion: 117 Resp: 474207
Ion Ratio Lower Upper
117 100
201 82.8 42.6 128.0





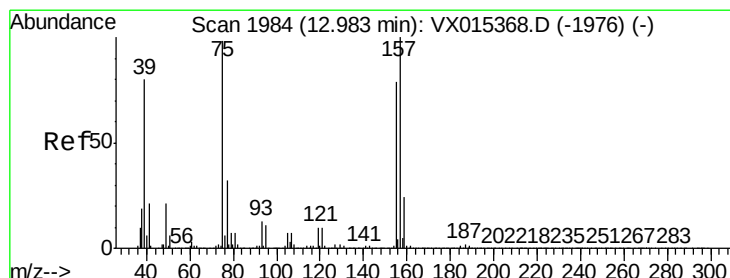
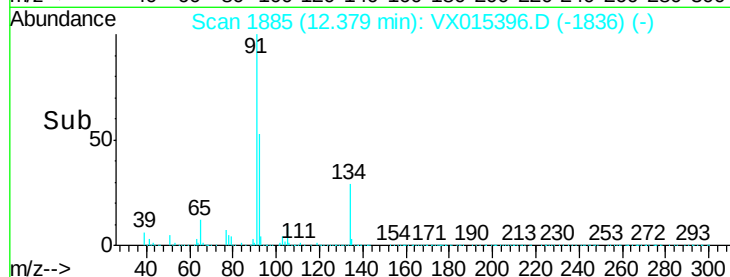
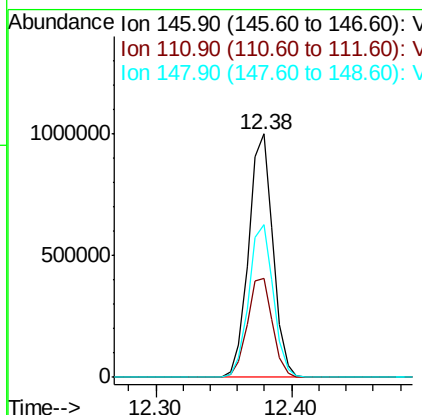
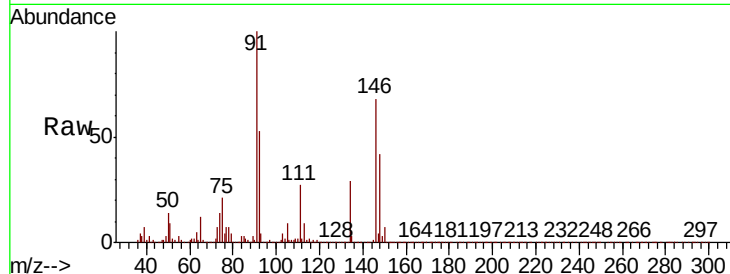
#91
 1,2-Dichlorobenzene
 Concen: 49.084 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.0	63.0
148	63.7	32.4	97.0

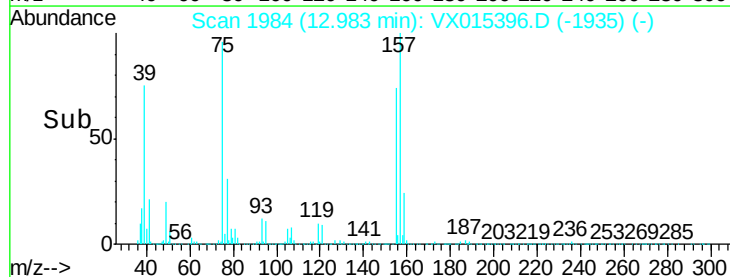
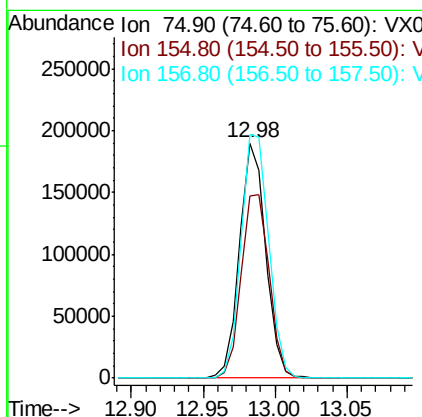
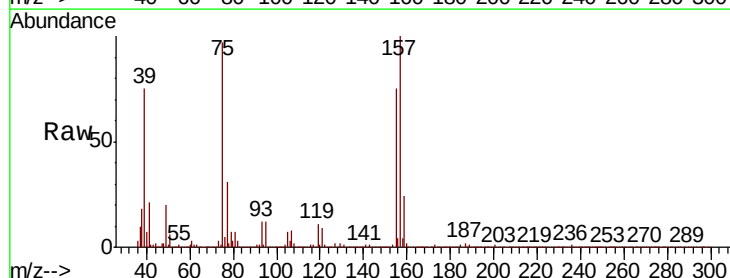
Manual Integrations
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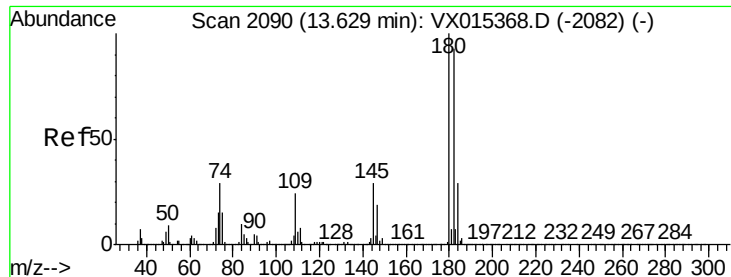
apatel
 3/30/2020 3:00:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.362 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015396.D
 Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	42.8	128.4
157	109.4	53.4	160.3





#93

1,2,4-Trichlorobenzene

Concen: 49.328 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Instrument :

MSVOA_X

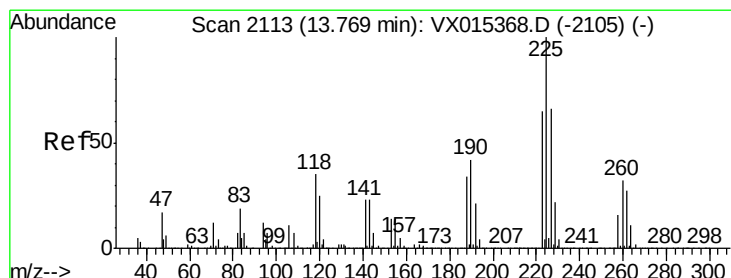
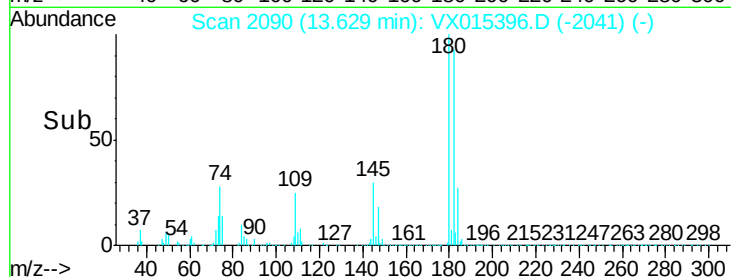
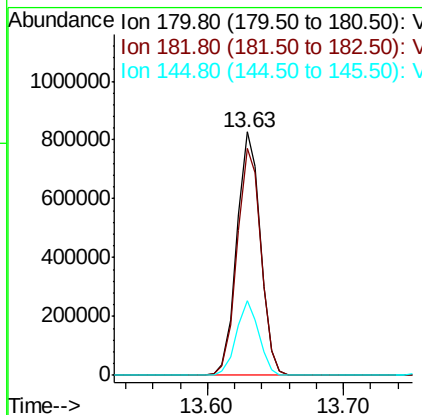
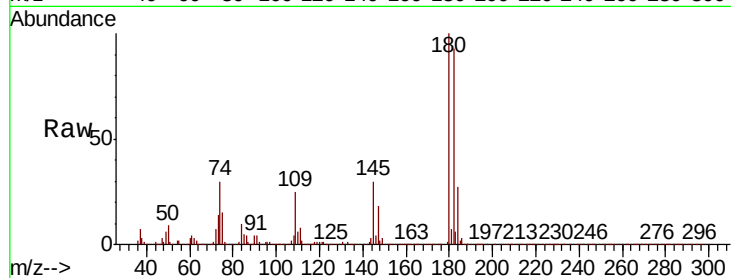
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	991867
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.9	140.7
145	29.3	14.9	44.5

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 45.979 ug/l

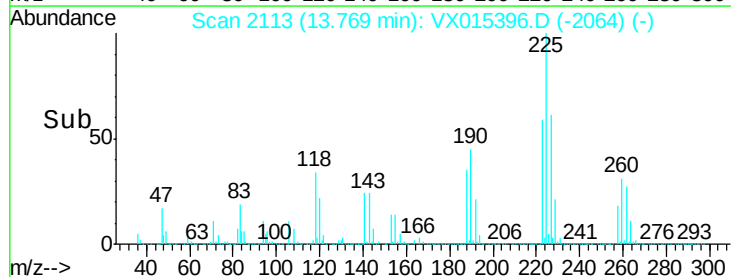
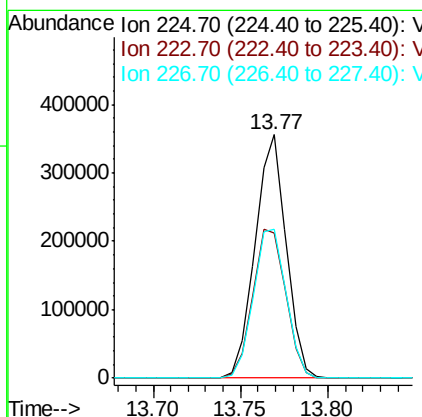
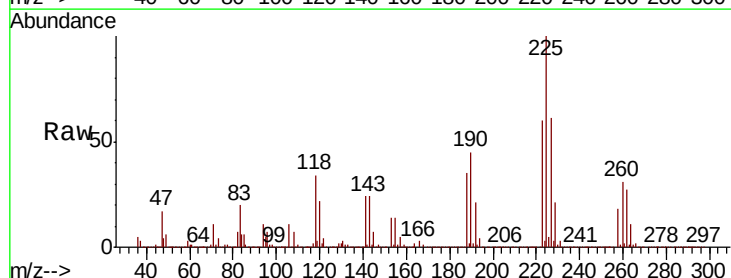
RT: 13.77 min Scan# 2113

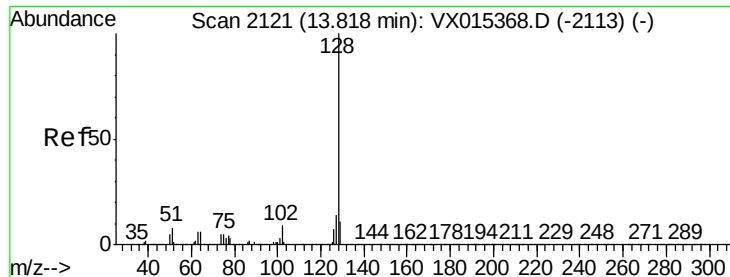
Delta R.T. 0.00 min

Lab File: VX015396.D

Acq: 27 Mar 2020 20:45

Tgt Ion:	225	Resp:	440181
Ion Ratio	Lower	Upper	
225	100		
223	64.7	31.9	95.7
227	64.4	30.4	91.3





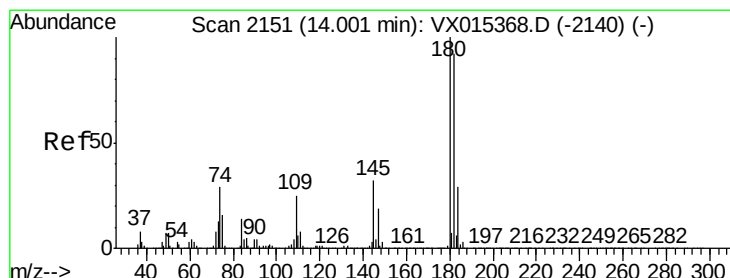
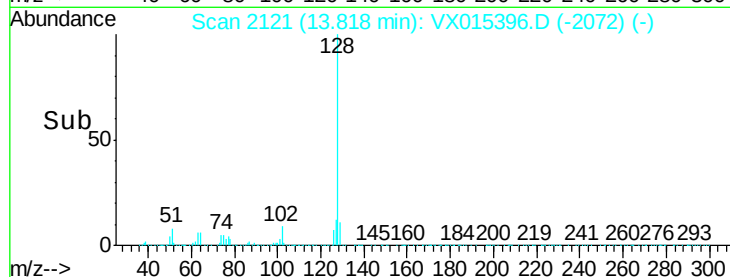
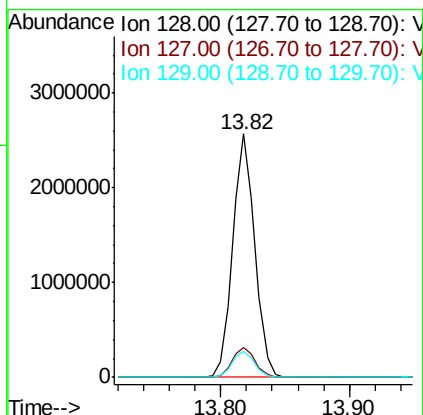
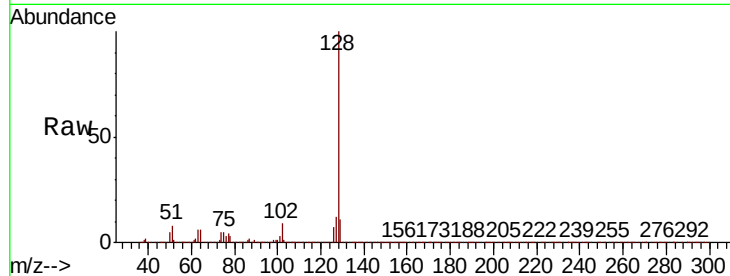
#95
Naphthalene
Concen: 50.014 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
3/30/2020 3:00:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.032 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015396.D
Acq: 27 Mar 2020 20:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.7	140.0
145	32.0	15.8	47.3

