

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040220\
 Data File : VX015499.D
 Acq On : 02 Apr 2020 21:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/3/2020 12:36:20 PM

Quant Time: Apr 03 09:43:09 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	1032827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1628763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1540607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	817089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	712932	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.47	113	521852	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.70	98	1918723	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	788057	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	460042	50.557	ug/l	99
3) Chloromethane	1.31	50	546993	47.203	ug/l	99
4) Vinyl Chloride	1.39	62	508883	47.826	ug/l	99
5) Bromomethane	1.62	94	224664	44.995	ug/l	99
6) Chloroethane	1.70	64	311881	47.261	ug/l	99
7) Trichlorofluoromethane	1.91	101	731321	51.250	ug/l	99
8) Diethyl Ether	2.17	74	286430	47.589	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	474043	50.959	ug/l	97
10) Methyl Iodide	2.49	142	575333	45.873	ug/l	100
11) Tert butyl alcohol	3.02	59	792690	227.349	ug/l	100
12) 1,1-Dichloroethene	2.36	96	475180	48.732	ug/l	96
13) Acrolein	2.27	56	524231	263.942	ug/l	100
14) Allyl chloride	2.70	41	1071446	47.026	ug/l	98
15) Acrylonitrile	3.12	53	1623549	244.168	ug/l	100
16) Acetone	2.42	43	1503182	240.191	ug/l	97
17) Carbon Disulfide	2.55	76	1384169	46.533	ug/l	99
18) Methyl Acetate	2.75	43	787932	49.329	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1832092	48.445	ug/l	100
20) Methylene Chloride	2.83	84	548972	46.963	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	516780	47.754	ug/l	97
22) Diisopropyl ether	3.83	45	1985721	49.184	ug/l	99
23) Vinyl Acetate	3.79	43	8958717	245.082	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1018981	47.936	ug/l	99
25) 2-Butanone	4.64	43	2420278	240.474	ug/l	98
26) 2,2-Dichloropropane	4.56	77	758588	43.477	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	605776	48.384	ug/l	99
28) Bromochloromethane	4.98	49	499388	49.205	ug/l	99
29) Tetrahydrofuran	5.09	42	1560164	241.128	ug/l	100
30) Chloroform	5.18	83	994592	48.633	ug/l	98
31) Cyclohexane	5.55	56	927046	50.273	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	911505	49.249	ug/l	99
36) 1,1-Dichloropropene	5.77	75	754922	50.304	ug/l	100
37) Ethyl Acetate	4.80	43	947706	48.500	ug/l	100
38) Carbon Tetrachloride	5.76	117	802737	49.386	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	880474	50.884	ug/l	98
40) Benzene	6.12	78	2165112	49.251	ug/l	99
41) Methacrylonitrile	5.01	41	543728	50.126	ug/l	99
42) 1,2-Dichloroethane	6.17	62	893676	50.610	ug/l	98
43) Isopropyl Acetate	6.42	43	1606157	48.692	ug/l	100
44) Trichloroethene	7.19	130	586689	48.935	ug/l	98
45) 1,2-Dichloropropane	7.49	63	580445	48.267	ug/l	98
46) Dibromomethane	7.64	93	385378	48.852	ug/l	99
47) Bromodichloromethane	7.88	83	829942	49.374	ug/l	97
48) Methyl methacrylate	7.75	41	816837	49.576	ug/l	100
49) 1,4-Dioxane	7.72	88	305211	992.990	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4722657	252.629	ug/l	100
52) Toluene	8.77	92	1357206	50.077	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	919941	46.664	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	965314	48.069	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	554951	49.977	ug/l	97
56) Ethyl methacrylate	9.16	69	970828	49.609	ug/l	99
57) 1,3-Dichloropropane	9.36	76	970971	48.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2380145	250.049	ug/l	100
59) 2-Hexanone	9.48	43	3623691	256.751	ug/l	100
60) Dibromochloromethane	9.57	129	655946	49.160	ug/l	98
61) 1,2-Dibromoethane	9.65	107	600807	49.761	ug/l	98
64) Tetrachloroethene	9.32	164	553897	47.641	ug/l	98
65) Chlorobenzene	10.12	112	1462905	47.614	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	594470	48.431	ug/l	99
67) Ethyl Benzene	10.24	91	2671899	49.033	ug/l	98
68) m/p-Xylenes	10.34	106	1982010	97.678	ug/l	100
69) o-Xylene	10.68	106	960192	47.887	ug/l	98
70) Styrene	10.70	104	1713533	48.565	ug/l	100
71) Bromoform	10.84	173	502231	44.946	ug/l #	97
73) Isopropylbenzene	11.01	105	2612301	48.794	ug/l	100
74) N-amyl acetate	10.89	43	1451324	48.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	871743	47.453	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	802445m	47.757	ug/l	
77) Bromobenzene	11.24	156	672967	47.125	ug/l	99
78) n-propylbenzene	11.35	91	2993727	48.903	ug/l	99
79) 2-Chlorotoluene	11.41	91	1819504	48.491	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2214384	48.431	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	311536	44.488	ug/l	97
82) 4-Chlorotoluene	11.49	91	2111881	48.011	ug/l	99
83) tert-Butylbenzene	11.76	119	2180094	48.814	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2210369	47.440	ug/l	98
85) sec-Butylbenzene	11.93	105	2522703	48.840	ug/l	100
86) p-Isopropyltoluene	12.05	119	2382537	49.686	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1240401	48.520	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1223381	46.980	ug/l	98
89) n-Butylbenzene	12.37	91	2132652	49.216	ug/l	100
90) Hexachloroethane	12.58	117	436792	46.800	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1201878	48.039	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	234135	45.156	ug/l	98

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ClientSampleId :
VSTDCCC050EC

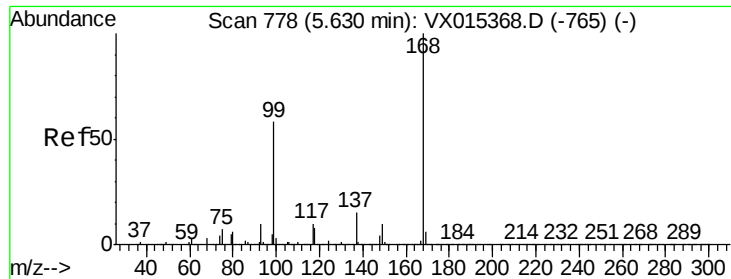
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	916340	46.304	ug/l	99
94) Hexachlorobutadiene	13.77	225	430137	45.652	ug/l	96
95) Naphthalene	13.82	128	2942903	48.752	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	902291	47.356	ug/l	95

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



#1

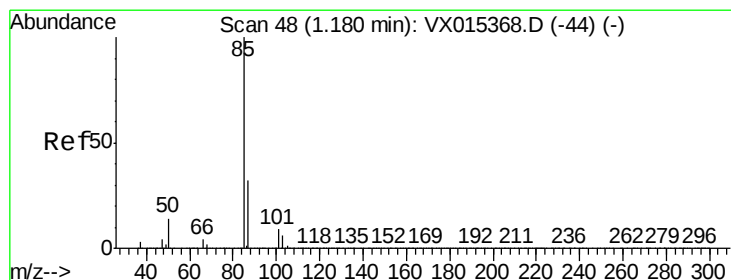
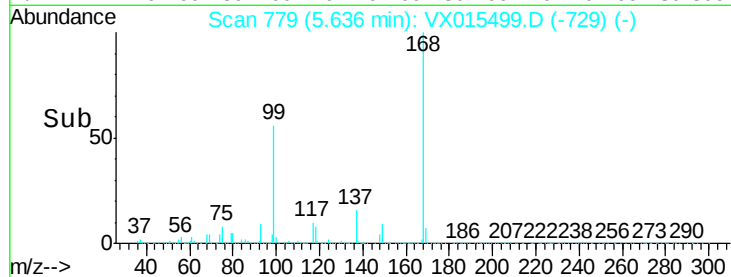
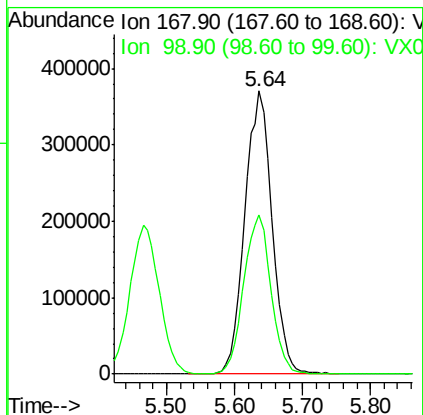
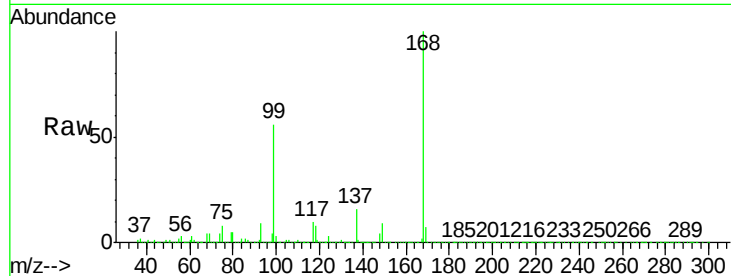
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:168 Resp: 1032827
 Ion Ratio Lower Upper
 168 100
 99 56.1 46.4 69.6

Manual Integrations
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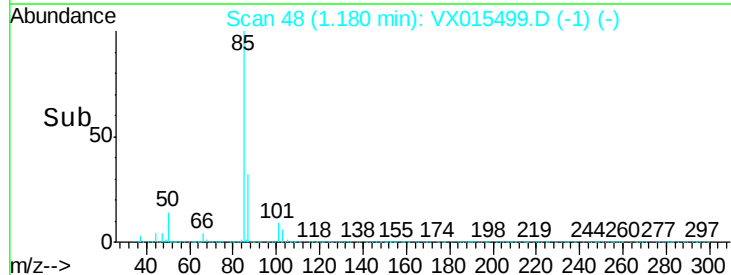
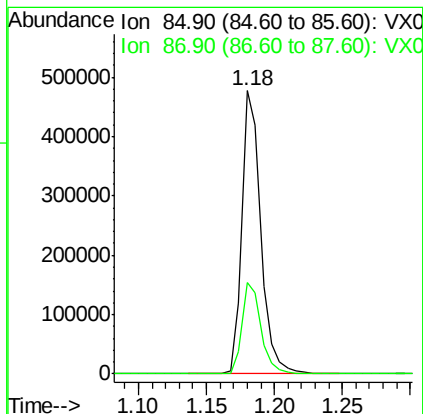
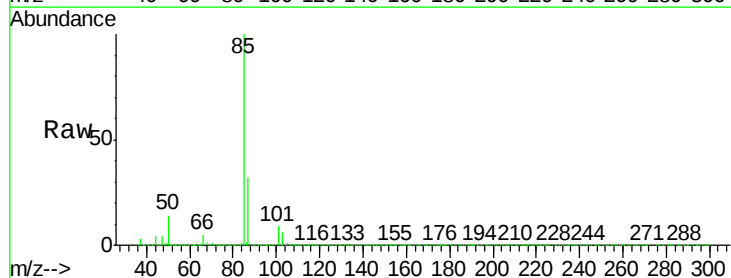
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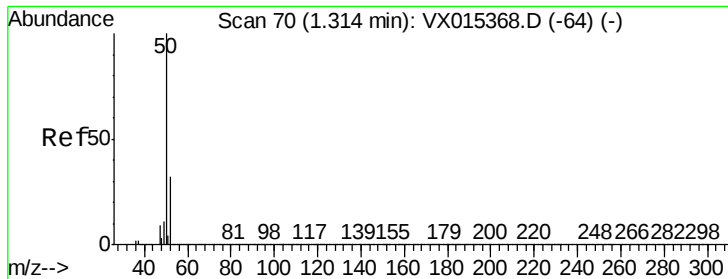


#2

Dichlorodifluoromethane
 Concen: 50.557 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion: 85 Resp: 460042
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.0 47.9





#3

Chloromethane

Concen: 47.203 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 546993

Ion Ratio Lower Upper

50 100

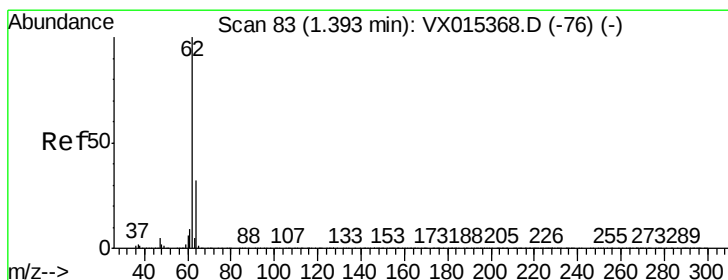
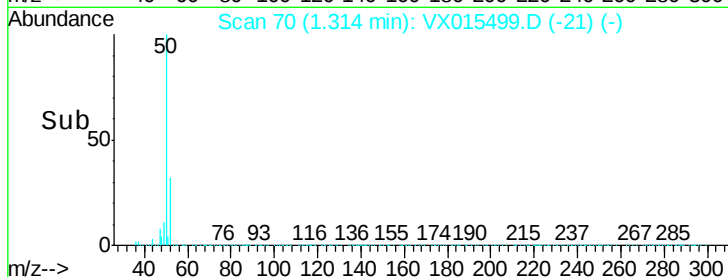
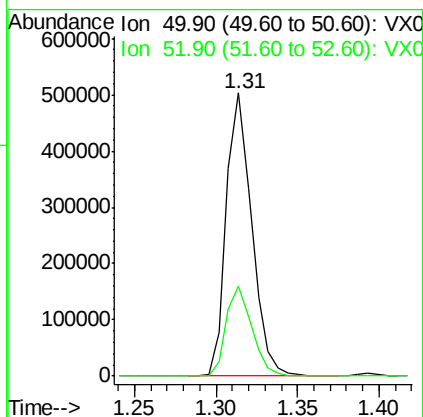
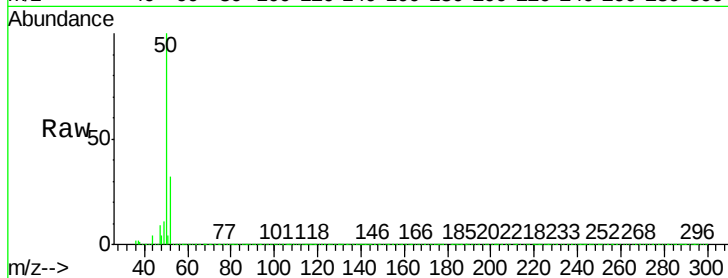
52 31.9 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.826 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015499.D

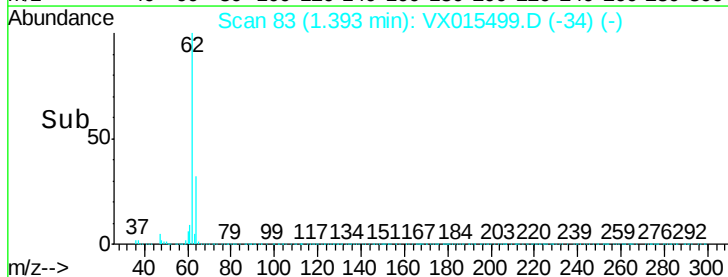
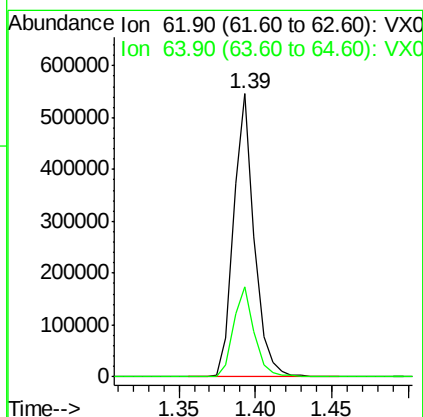
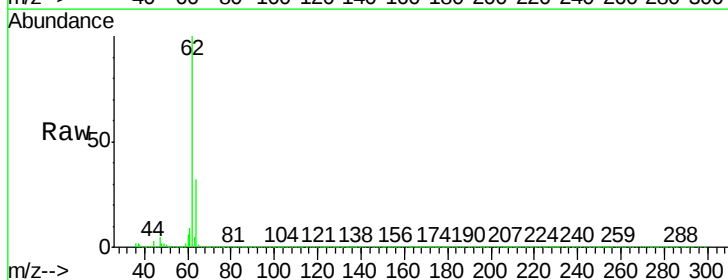
Acq: 02 Apr 2020 21:47

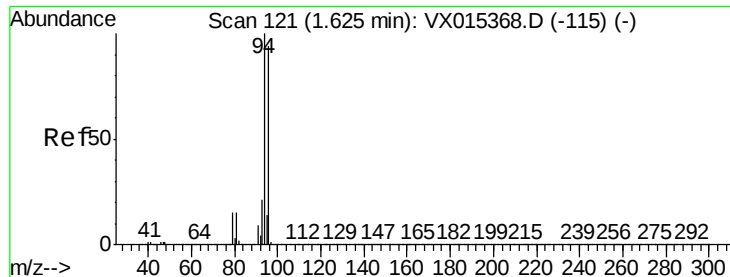
Tgt Ion: 62 Resp: 508883

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0





#5

Bromomethane

Concen: 44.995 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 224664

Ion Ratio Lower Upper

94 100

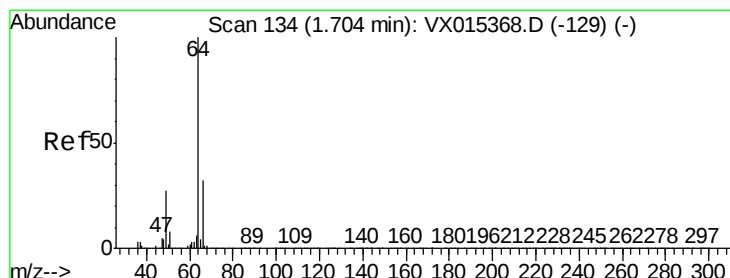
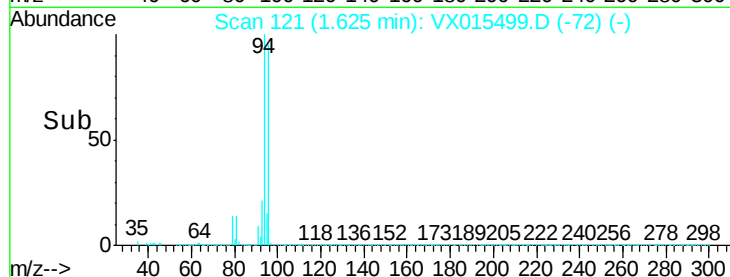
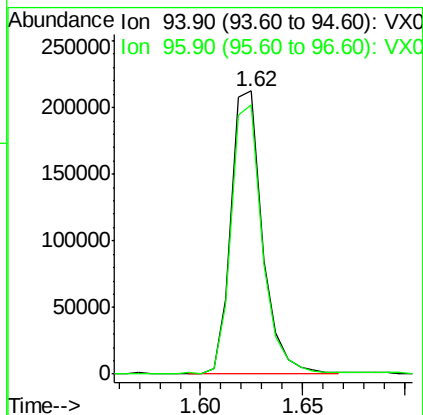
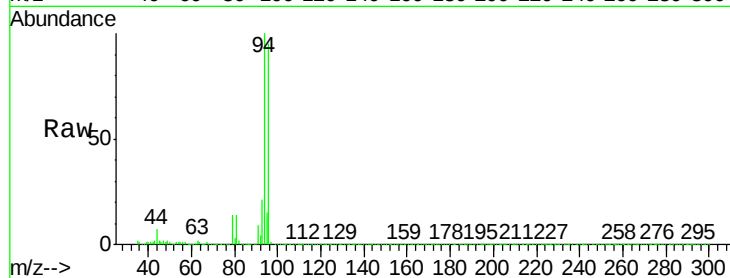
96 94.8 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 47.261 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX015499.D

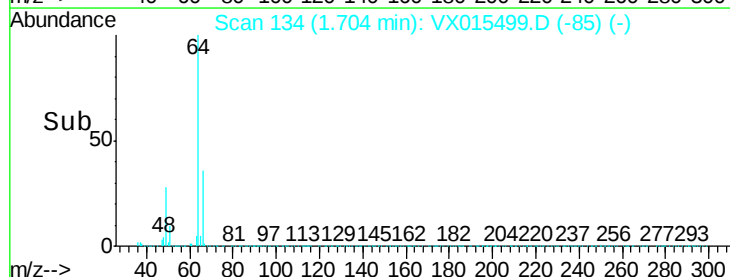
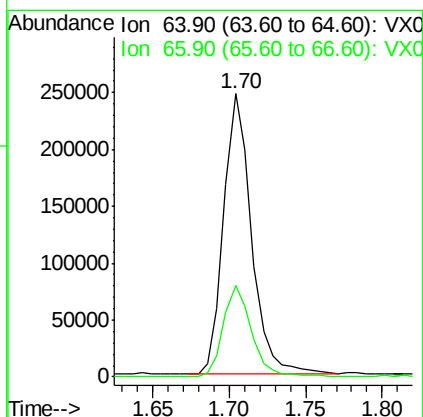
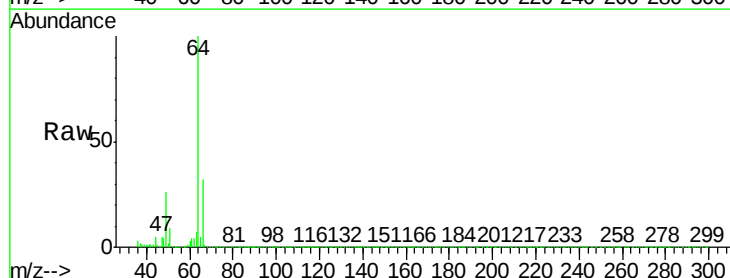
Acq: 02 Apr 2020 21:47

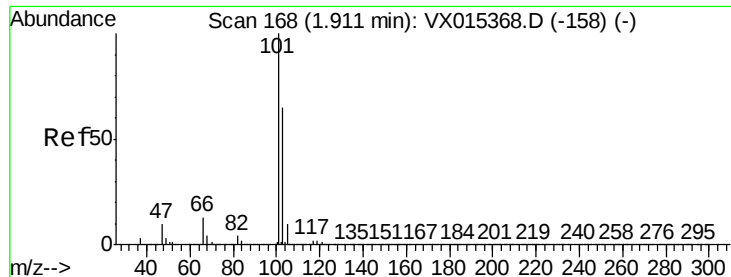
Tgt Ion: 64 Resp: 311881

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2





#7

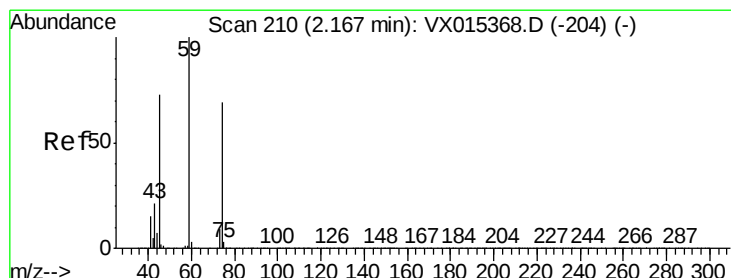
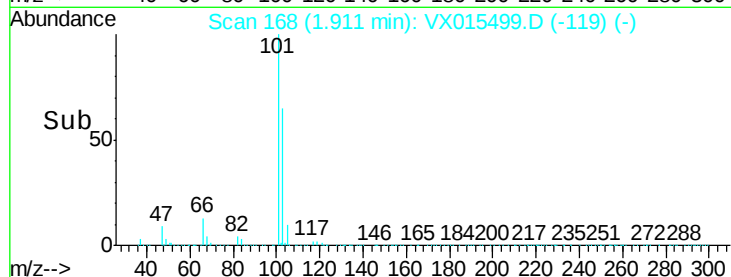
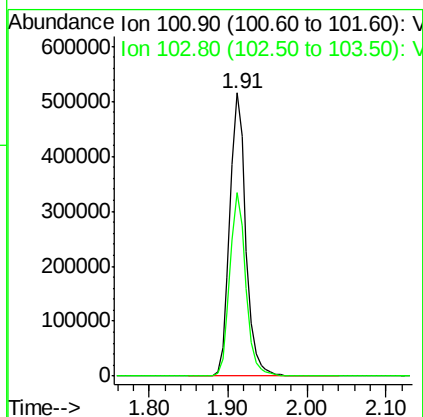
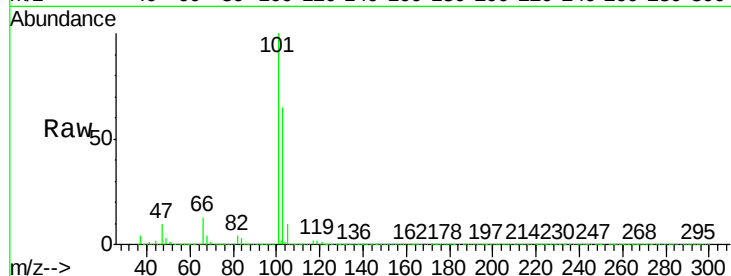
Trichlorofluoromethane
Concen: 51.250 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	731321		
103	64.9	52.3	78.5	

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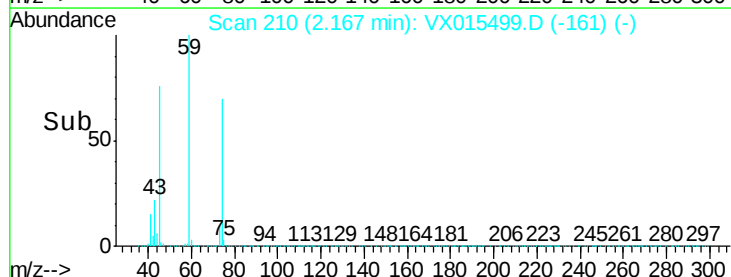
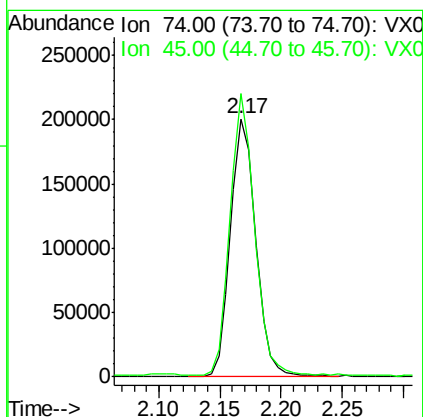
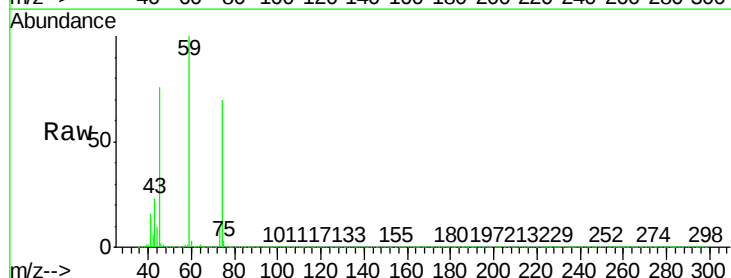
MMDadoda
4/3/2020 12:36:20 PM

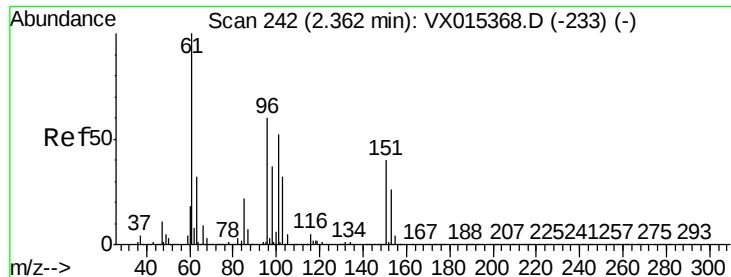


#8

Diethyl Ether
Concen: 47.589 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	286430		
45	105.0	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.959 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

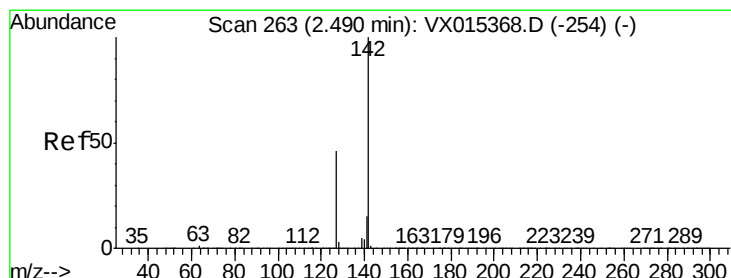
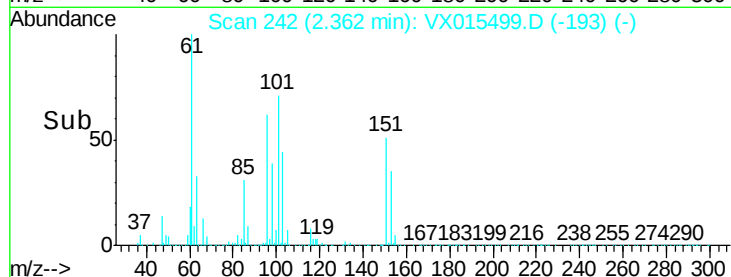
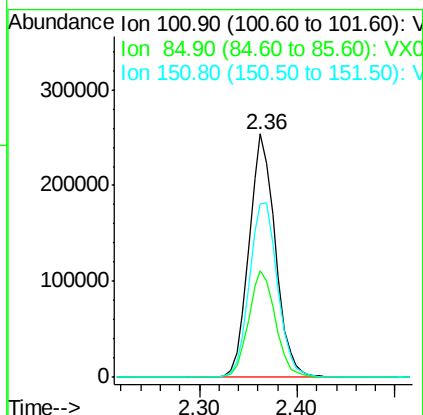
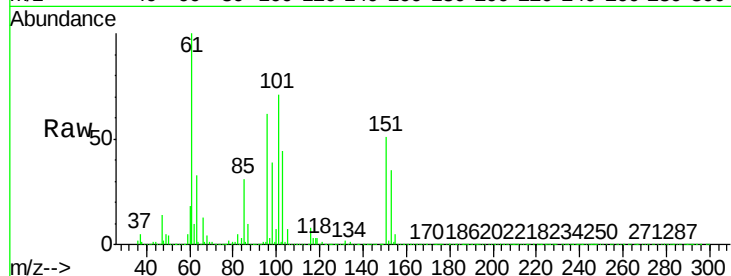
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	474043
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.0	52.4
151	76.6	64.1	96.1

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#10

Methyl Iodide

Concen: 45.873 ug/l

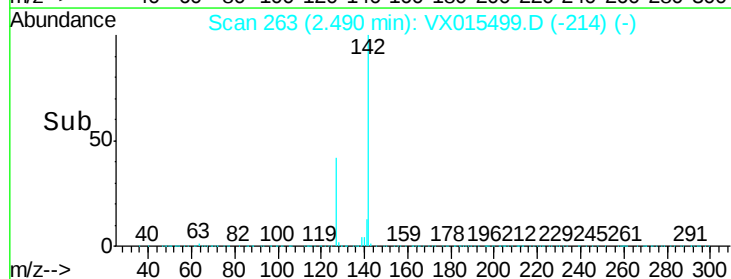
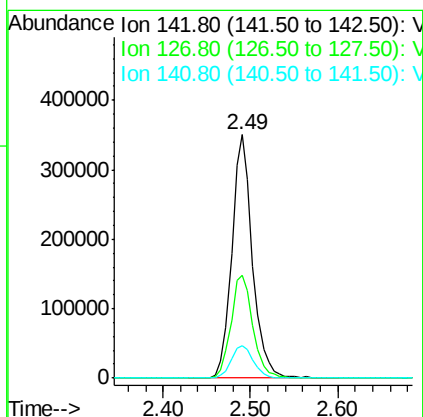
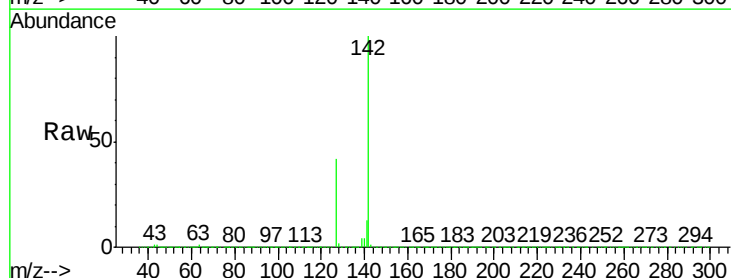
RT: 2.49 min Scan# 263

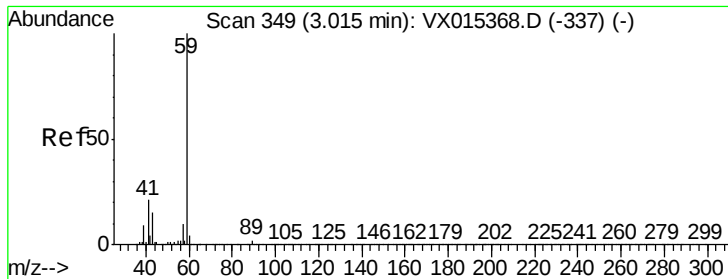
Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion:	142	Resp:	575333
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.9	53.9
141	14.3	11.6	17.4





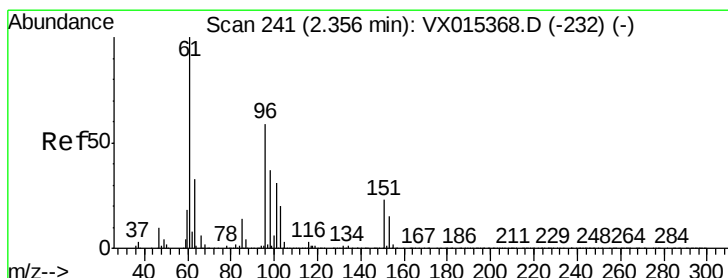
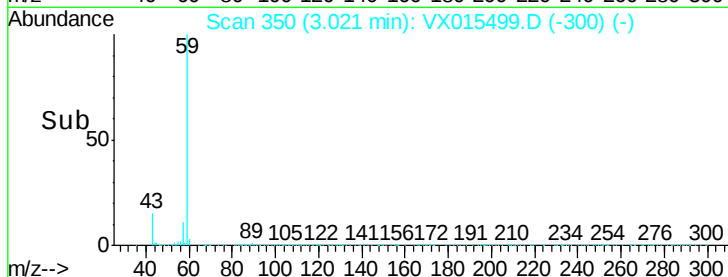
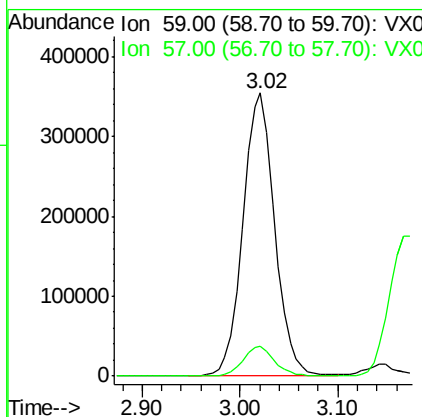
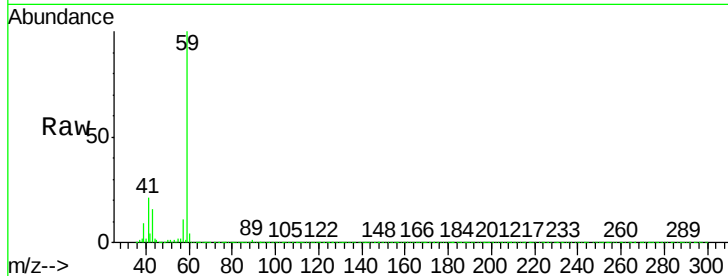
#11
Tert butyl alcohol
Concen: 227.349 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

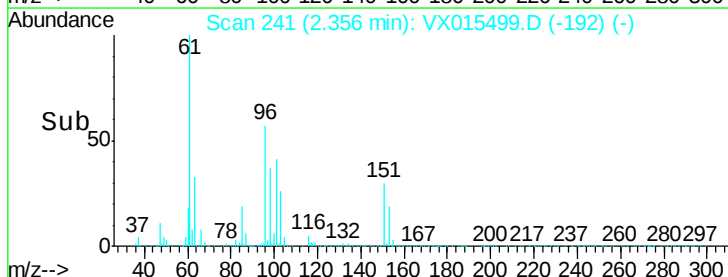
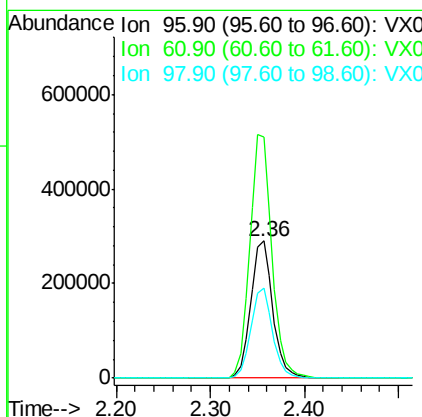
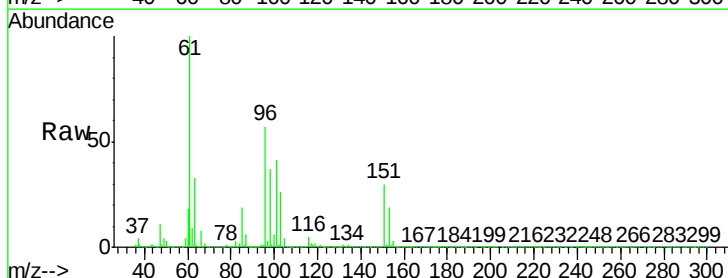
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#12
1,1-Dichloroethene
Concen: 48.732 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.1	135.7	203.5
98	65.4	50.6	75.8





#13

Acrolein

Concen: 263.942 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 524231

Ion Ratio Lower Upper

56 100

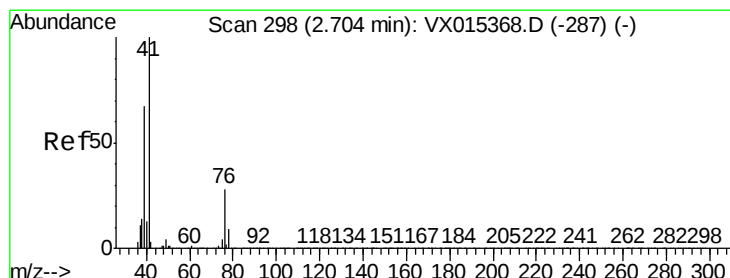
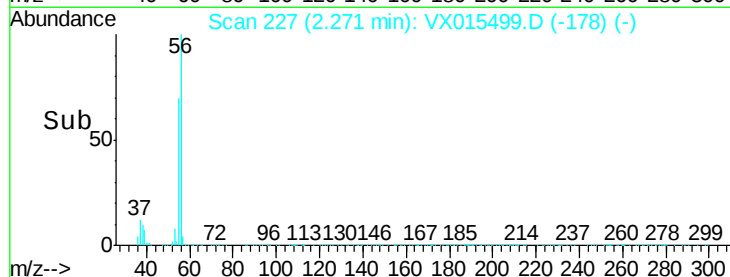
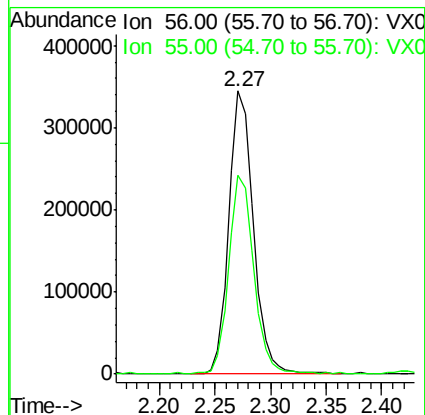
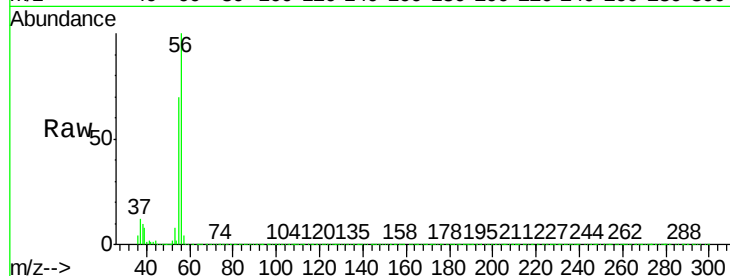
55 71.0 57.0 85.4

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#14

Allyl chloride

Concen: 47.026 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

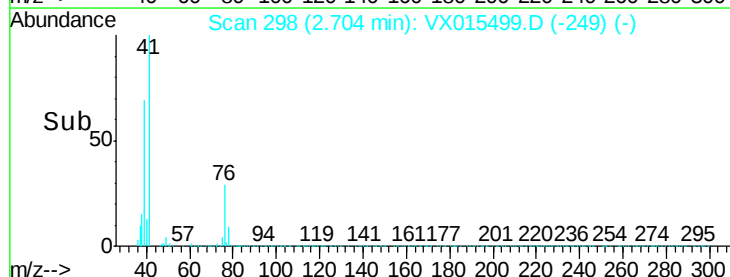
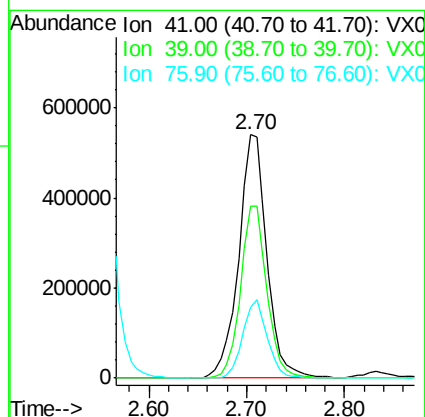
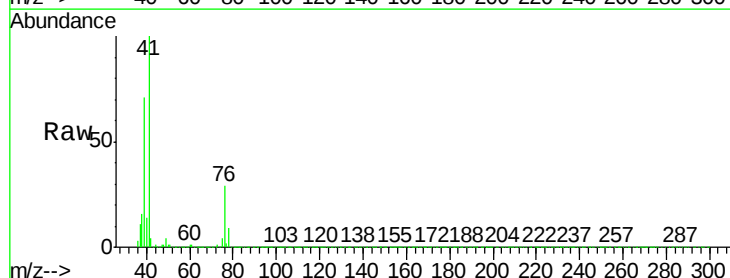
Tgt Ion: 41 Resp: 1071446

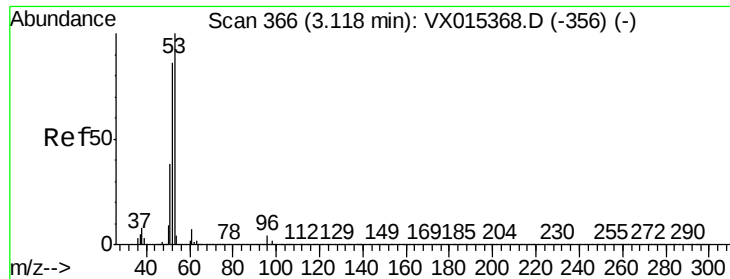
Ion Ratio Lower Upper

41 100

39 66.1 51.4 77.0

76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 244.168 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1623549

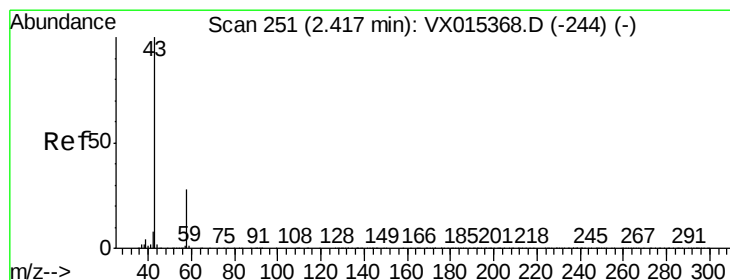
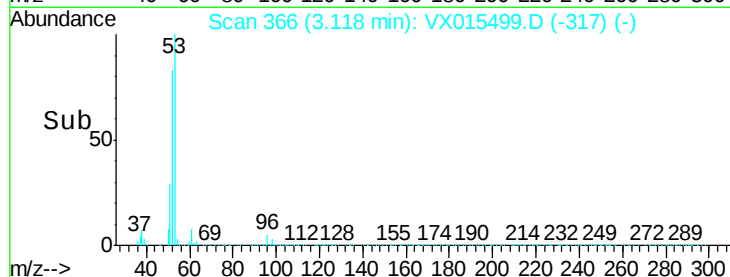
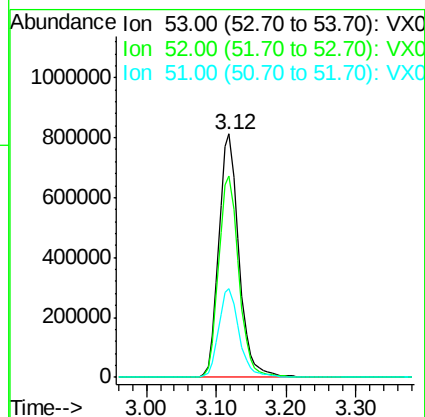
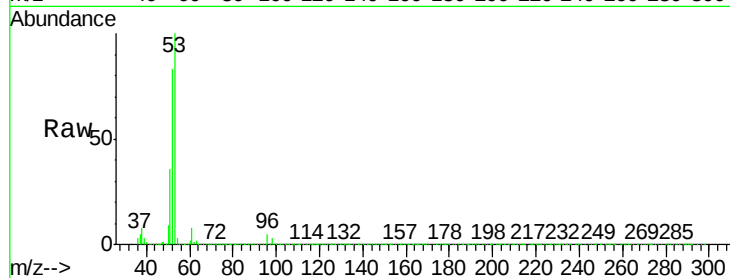
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.8	100.2
51	37.1	29.5	44.3

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#16

Acetone

Concen: 240.191 ug/l

RT: 2.42 min Scan# 252

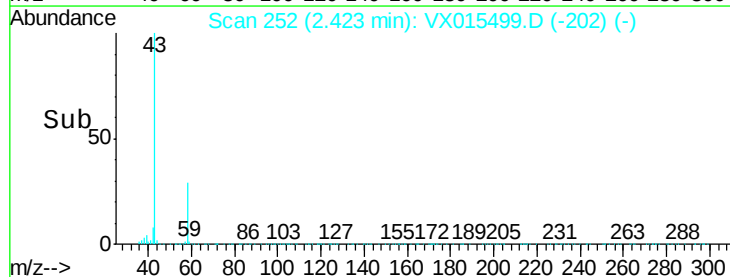
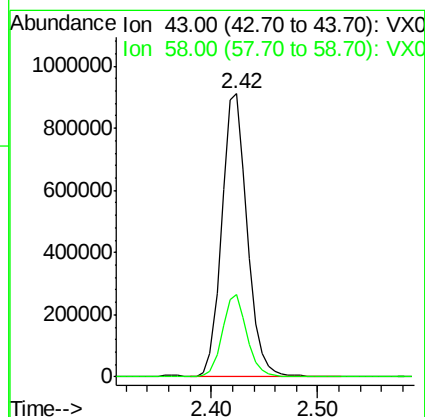
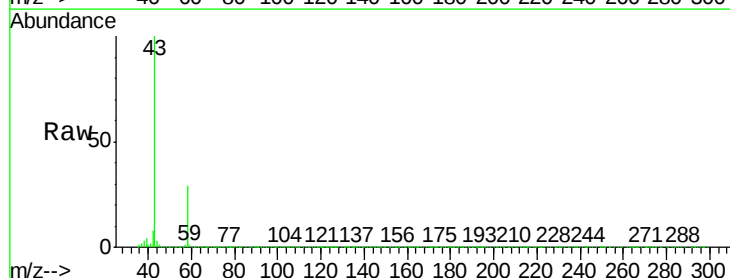
Delta R.T. 0.01 min

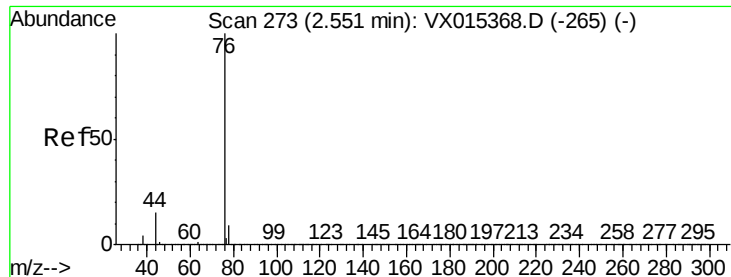
Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion: 43 Resp: 1503182

Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.1	33.1





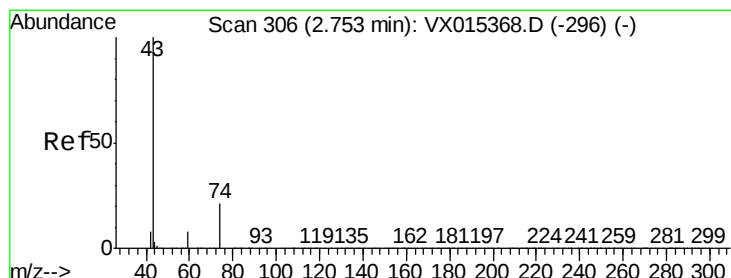
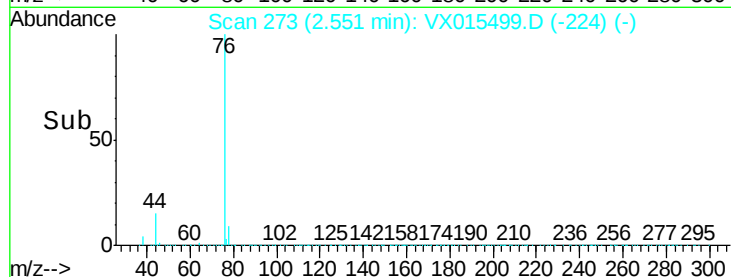
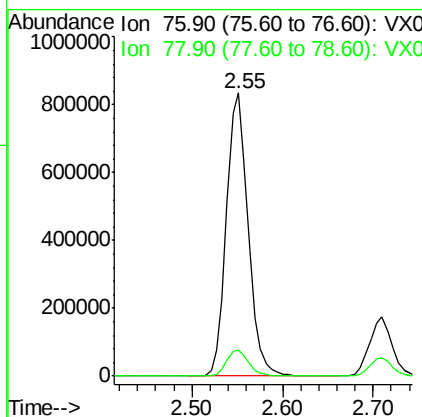
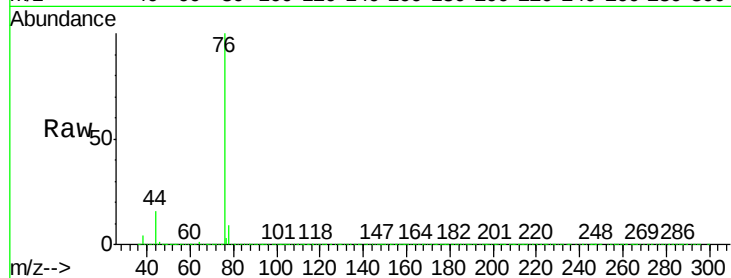
#17
Carbon Disulfide
Concen: 46.533 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 1384169
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

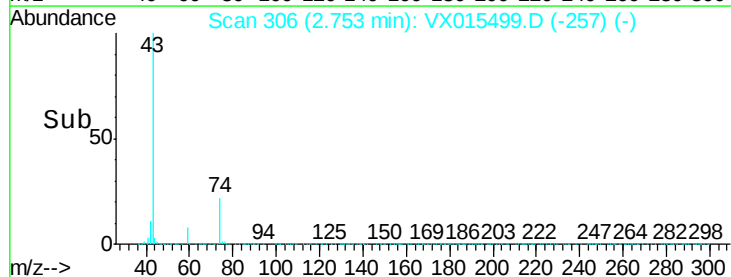
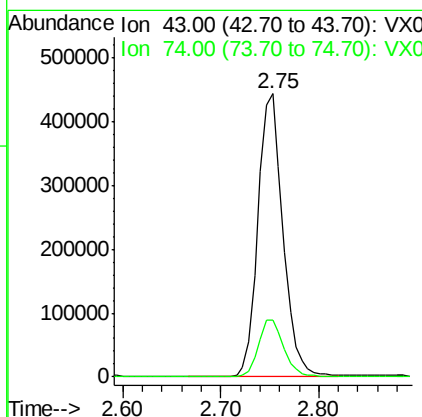
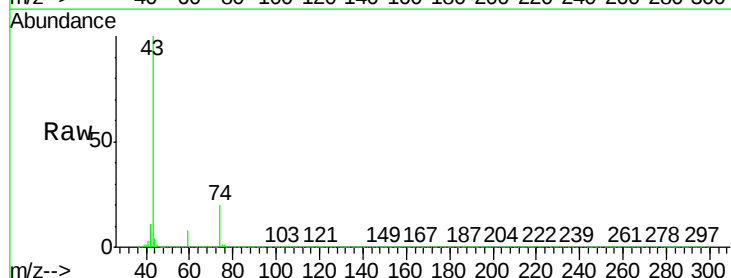
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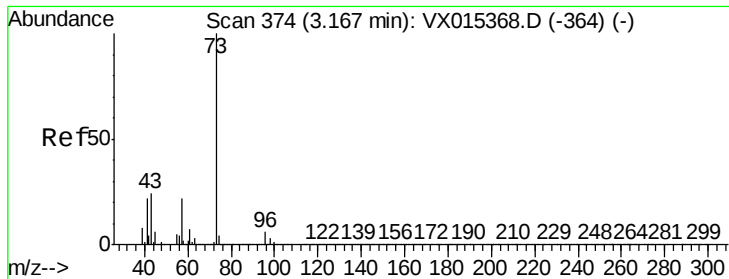
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#18
Methyl Acetate
Concen: 49.329 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 43 Resp: 787932
Ion Ratio Lower Upper
43 100
74 20.8 16.5 24.7





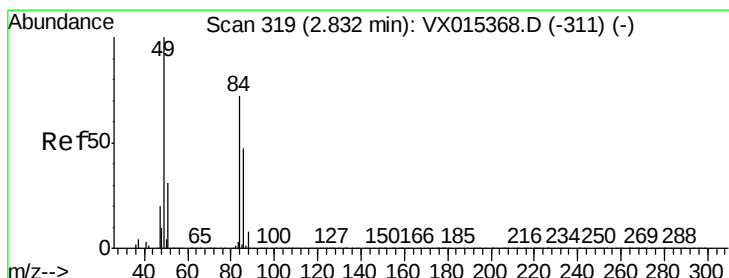
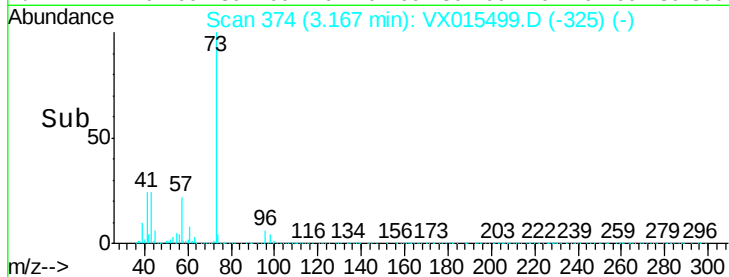
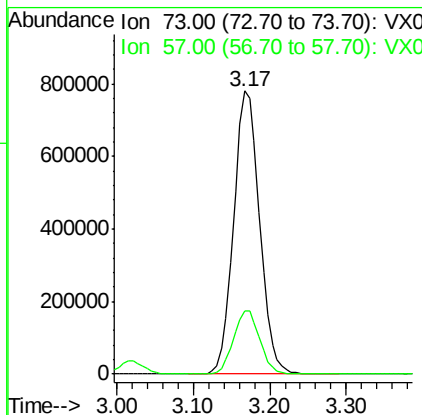
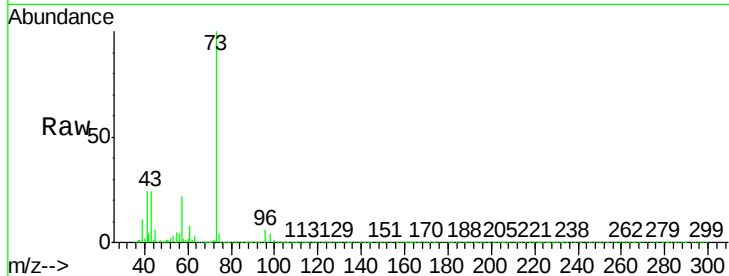
#19
Methvl tert-butvl Ether
Concen: 48.445 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1832092
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9

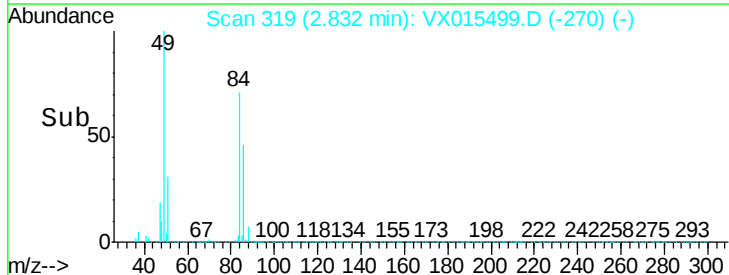
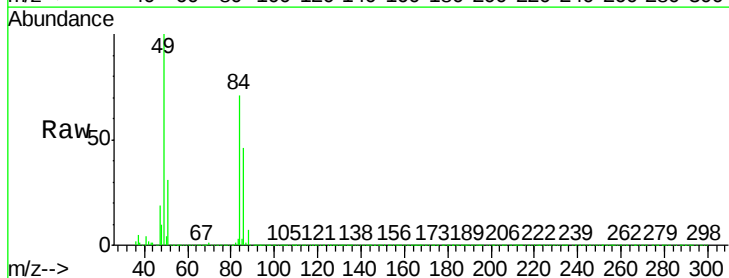
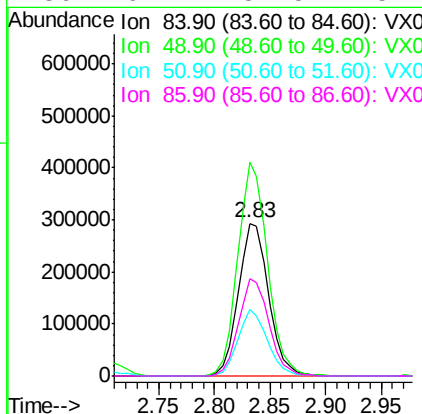
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#20
Methylene Chloride
Concen: 46.963 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 84 Resp: 548972
Ion Ratio Lower Upper
84 100
49 140.4 111.3 166.9
51 43.2 34.0 51.0
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.754 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

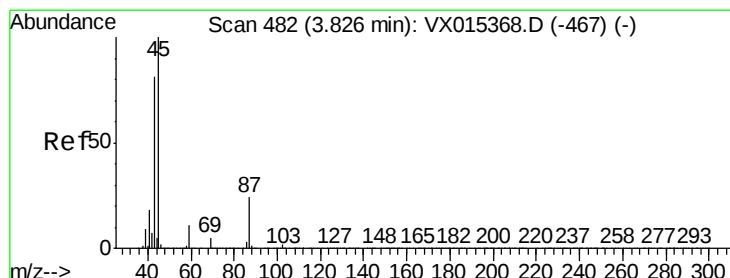
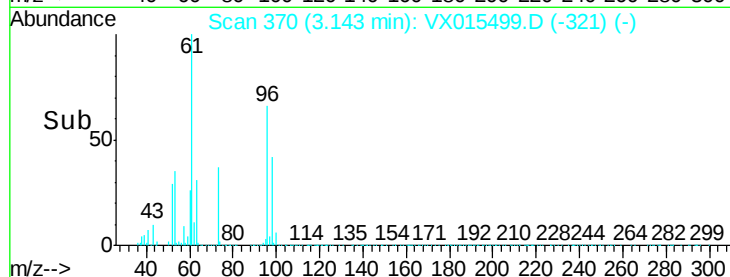
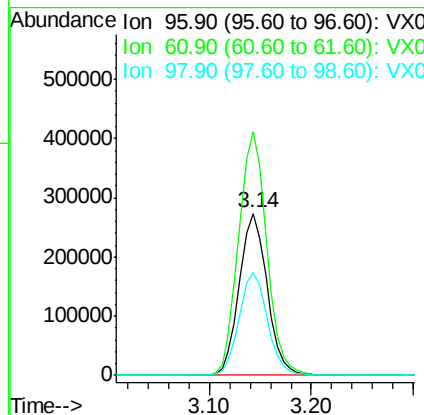
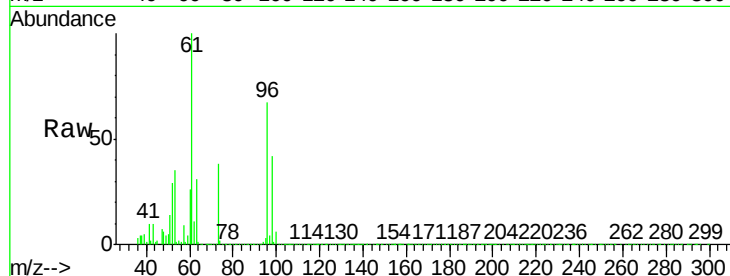
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	516780
Ion	Ratio	Lower	Upper
96	100		
61	150.2	116.9	175.3
98	63.1	48.6	73.0

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#22

Diisopropyl ether

Concen: 49.184 ug/l

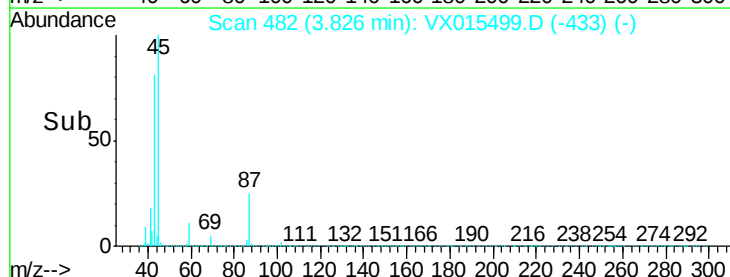
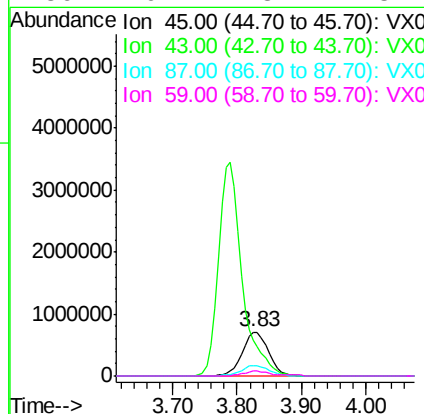
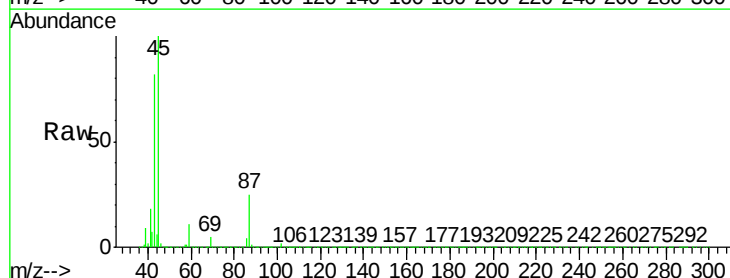
RT: 3.83 min Scan# 482

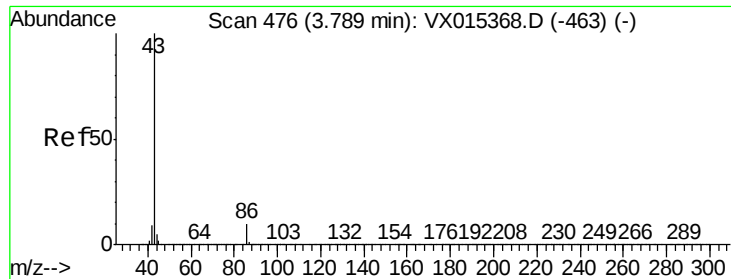
Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion:	45	Resp:	1985721
Ion	Ratio	Lower	Upper
45	100		
43	81.5	64.7	97.1
87	24.6	19.4	29.0
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 245.082 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 8958717

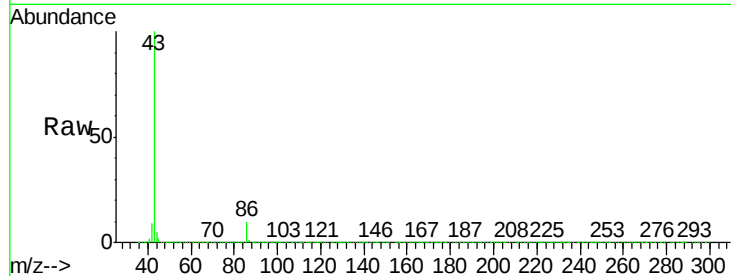
Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.6

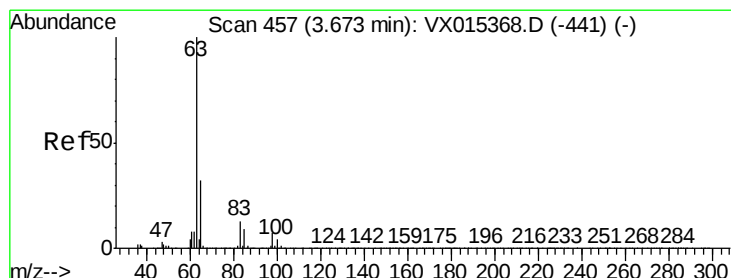
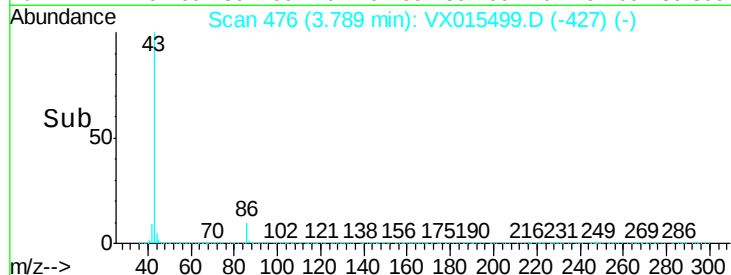
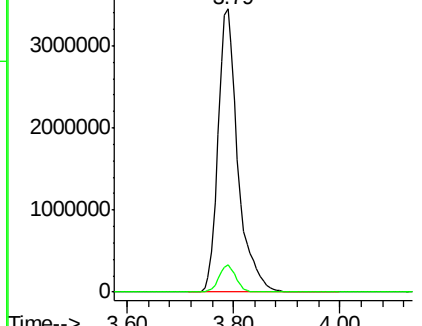
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.936 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

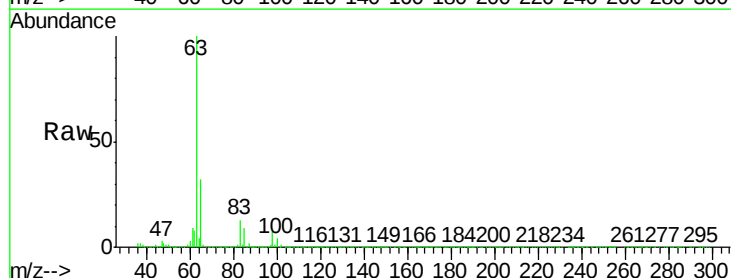
Tgt Ion: 63 Resp: 1018981

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

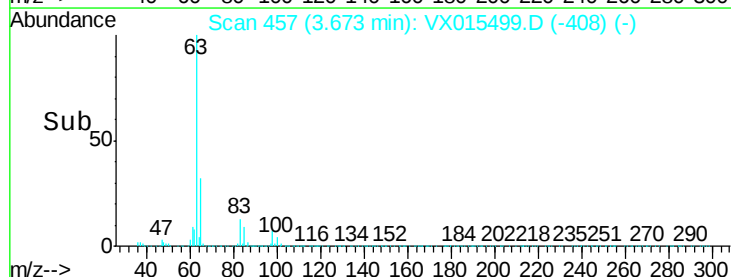
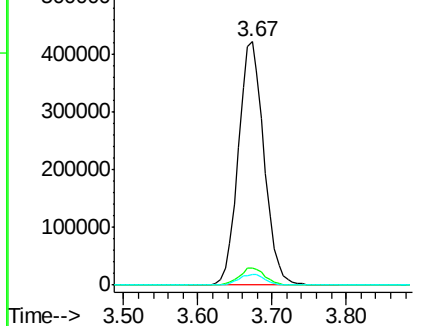
100 4.4 2.1 6.5

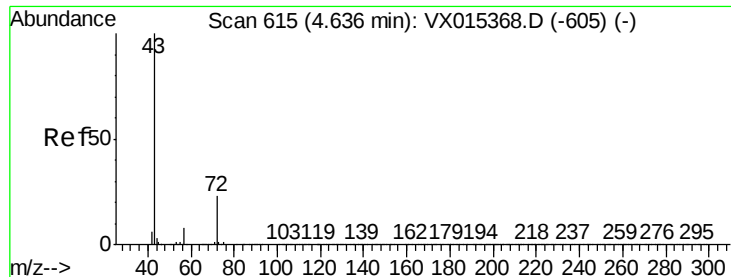


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.474 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tot Ion: 43 Resp: 2420278

Ion Ratio Lower Upper

43 100

72 22.7 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

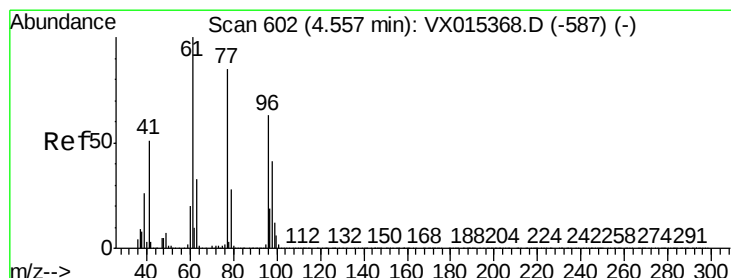
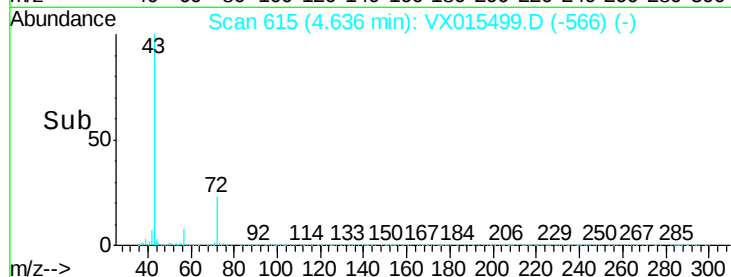
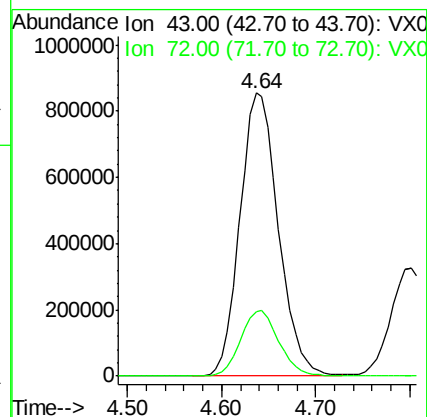
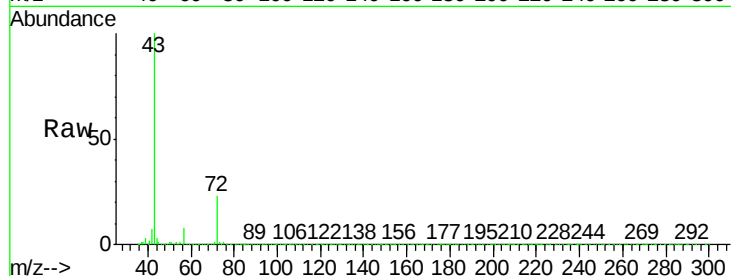
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 43.477 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015499.D

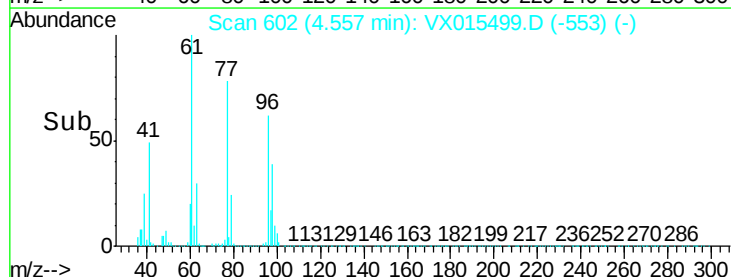
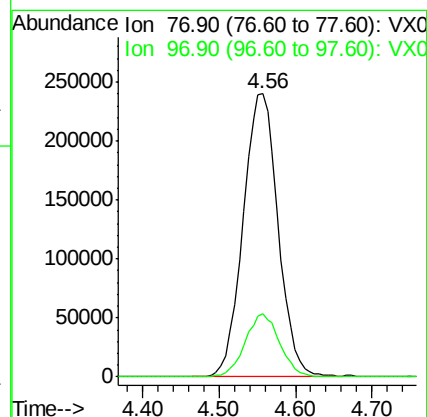
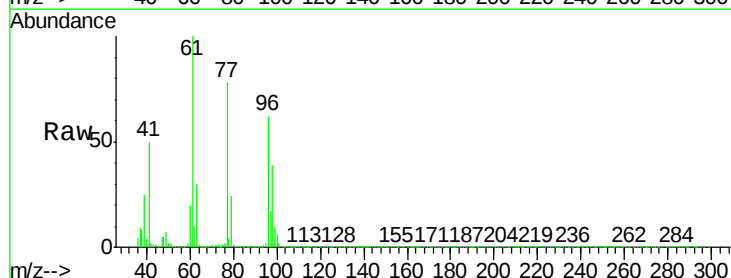
Acq: 02 Apr 2020 21:47

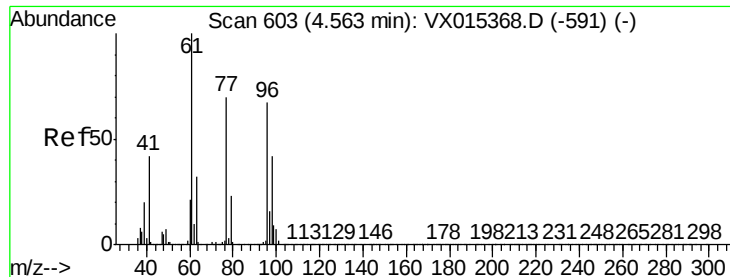
Tgt Ion: 77 Resp: 758588

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8





#27

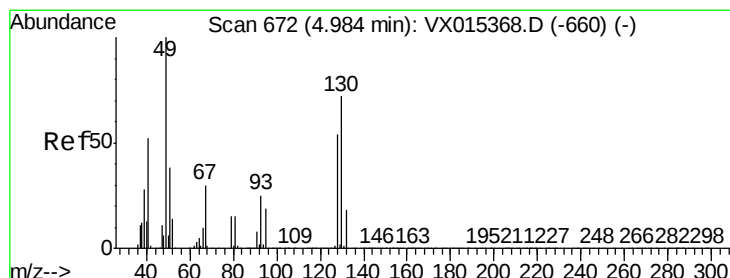
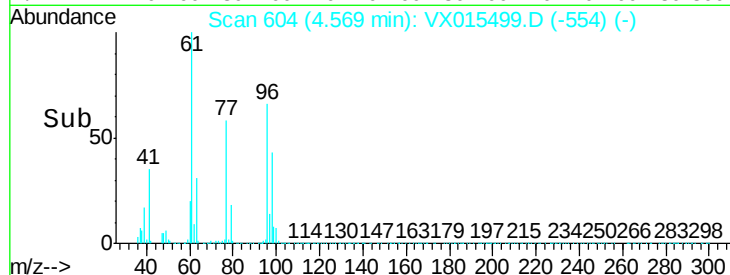
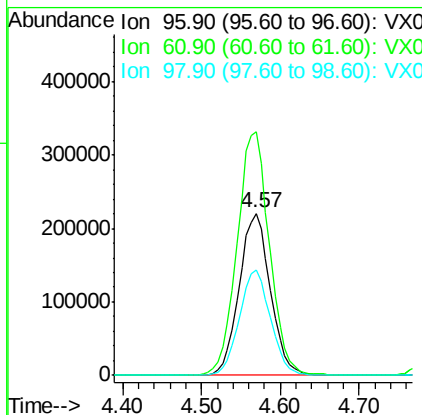
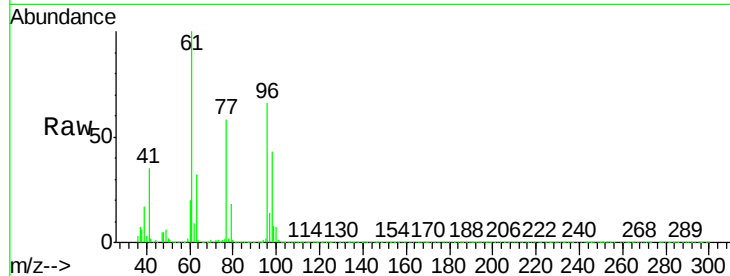
cis-1,2-Dichloroethene
Concen: 48.384 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	605776		
61	155.8	0.0	308.4	
98	65.1	0.0	129.2	

Manual Integrations
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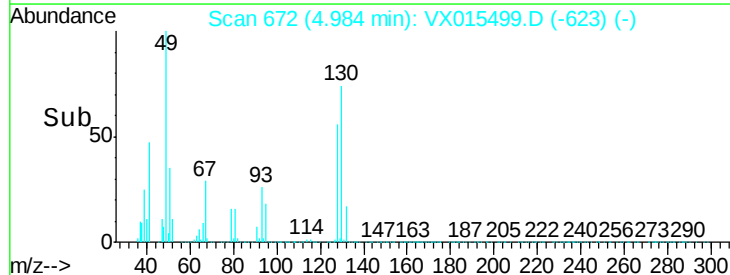
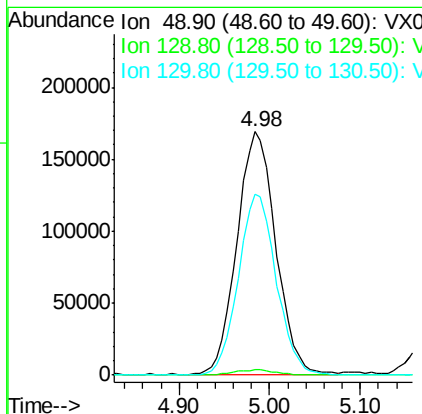
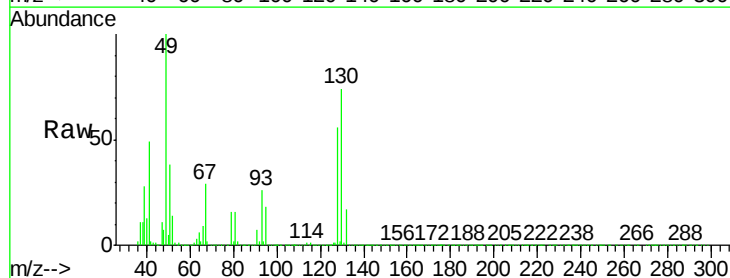
MMDadoda
4/3/2020 12:36:20 PM

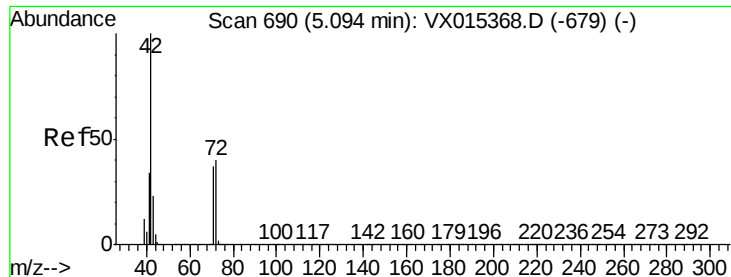


#28

Bromochloromethane
Concen: 49.205 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	499388		
129	2.3	0.0	4.4	
130	72.8	57.7	86.5	





#29

Tetrahydrofuran

Concen: 241.128 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1560164

Ion Ratio Lower Upper

42 100

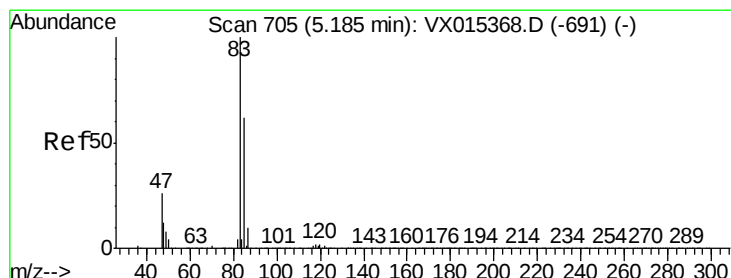
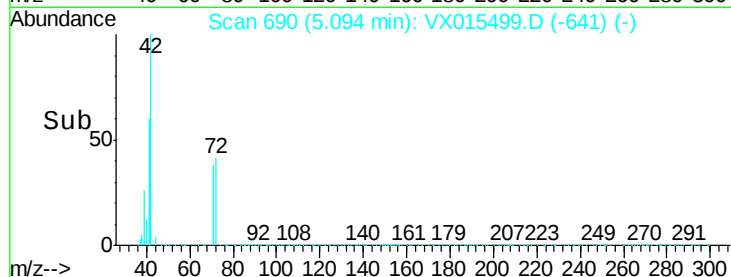
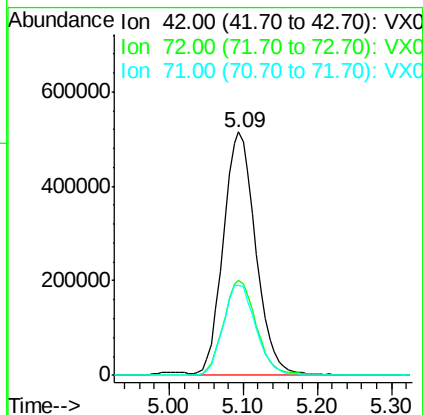
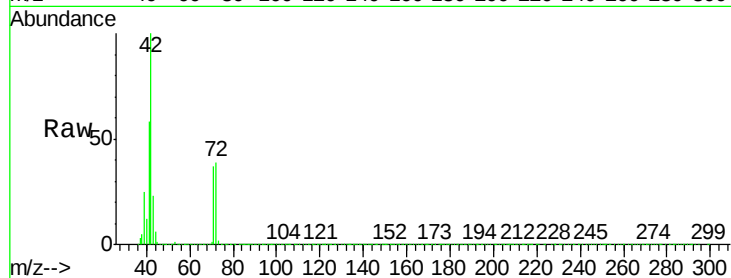
72 39.8 31.7 47.5

71 37.4 29.6 44.4

Manual Integrations
APPROVED

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#30

Chloroform

Concen: 48.633 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015499.D

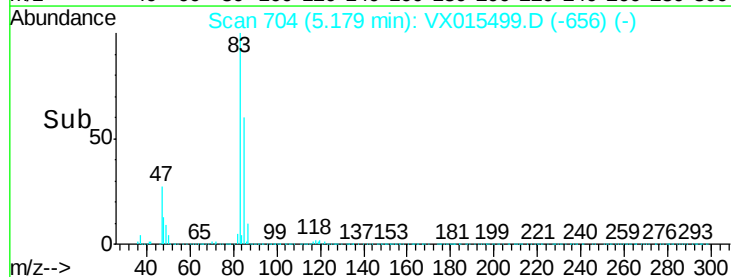
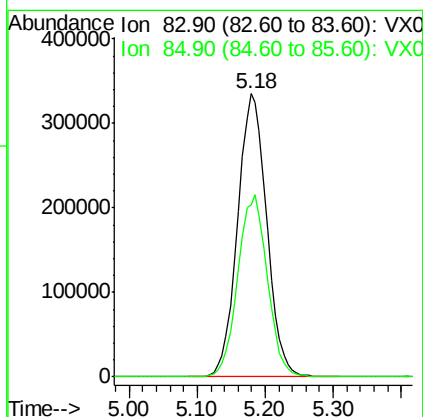
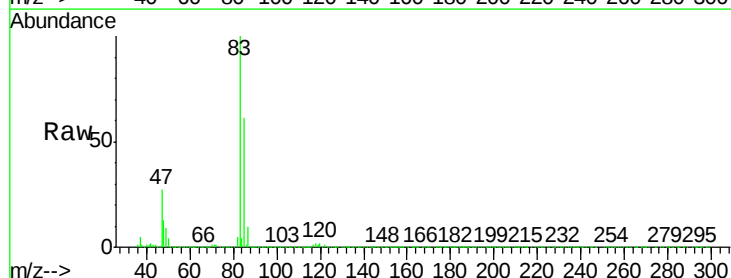
Acq: 02 Apr 2020 21:47

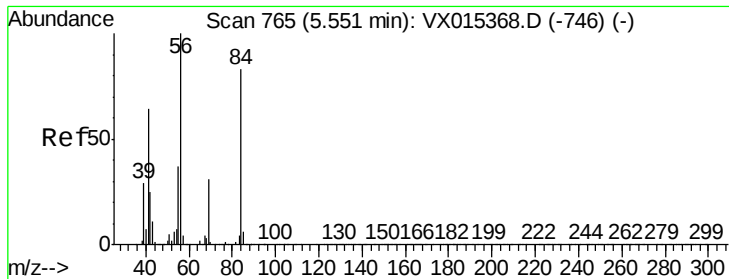
Tgt Ion: 83 Resp: 994592

Ion Ratio Lower Upper

83 100

85 60.5 49.5 74.3





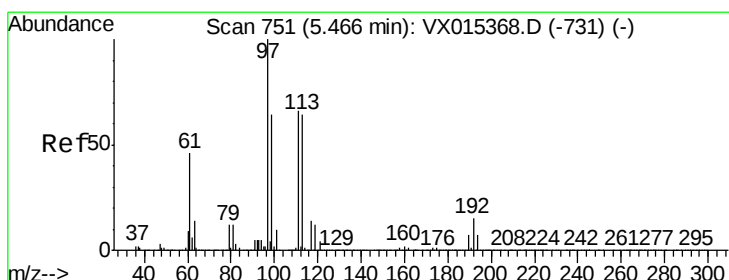
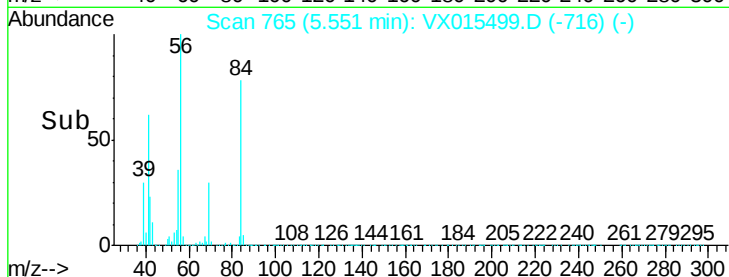
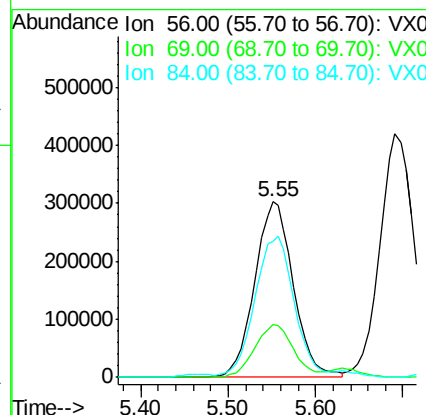
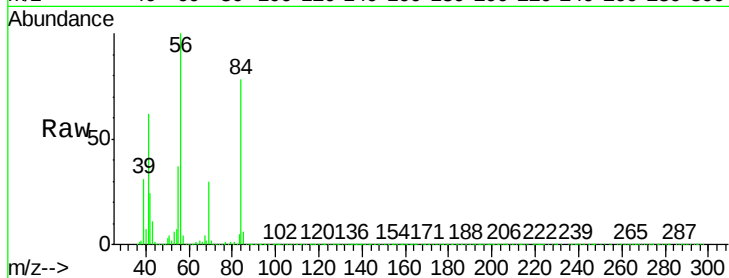
#31
Cyclohexane
Concen: 50.273 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	36.8
84	76.2	66.1	99.1

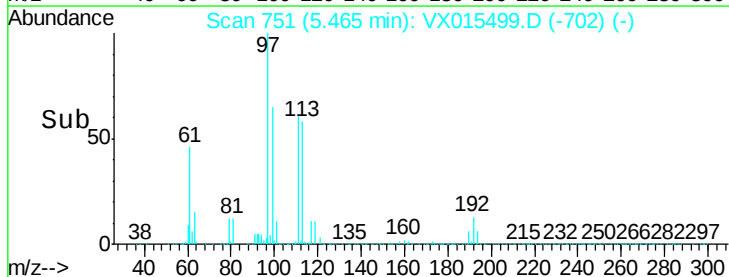
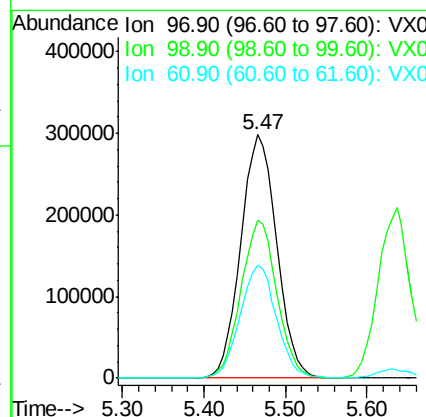
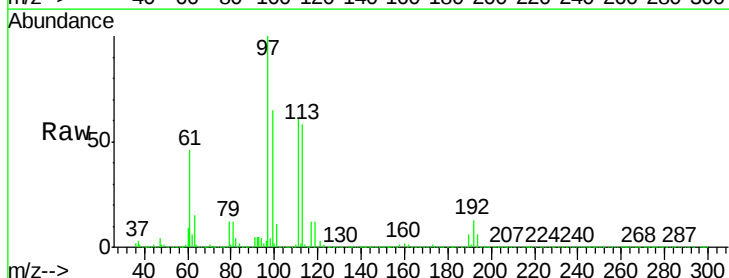
Manual Integrations
APPROVED

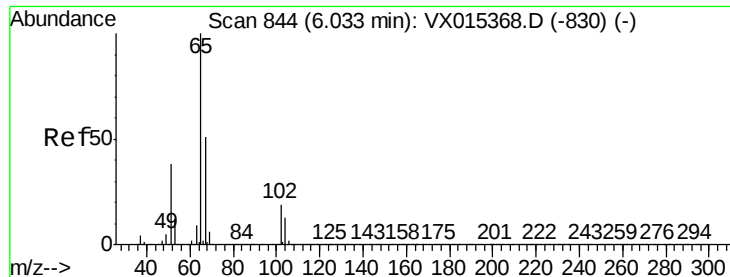
MMDadoda
4/3/2020 12:36:20 PM



#32
1,1,1-Trichloroethane
Concen: 49.249 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	46.4	36.1	54.1





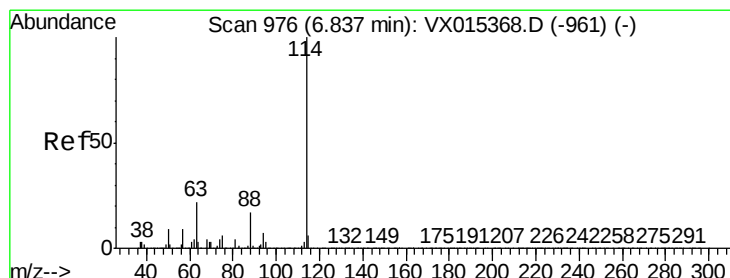
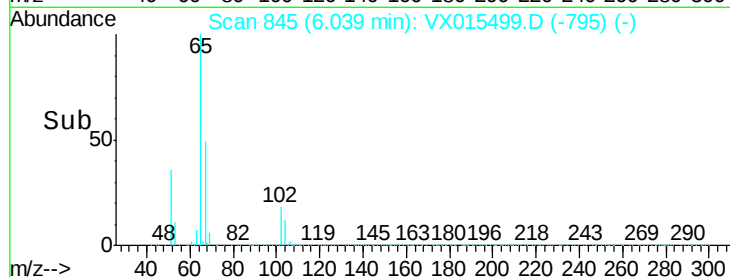
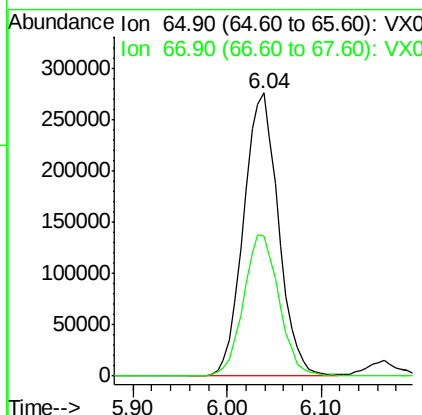
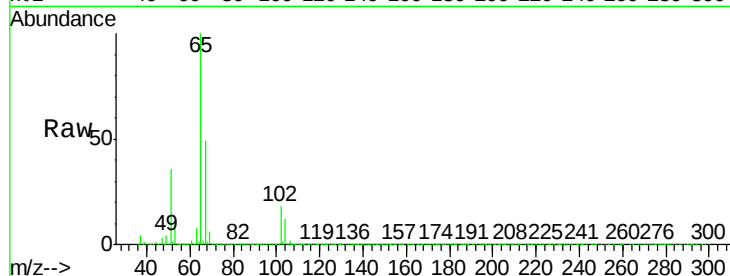
#33
 1,2-Dichloroethane-d4
 Concen: 48.942 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	102.6

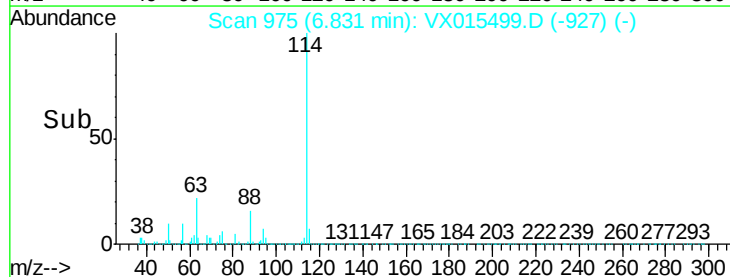
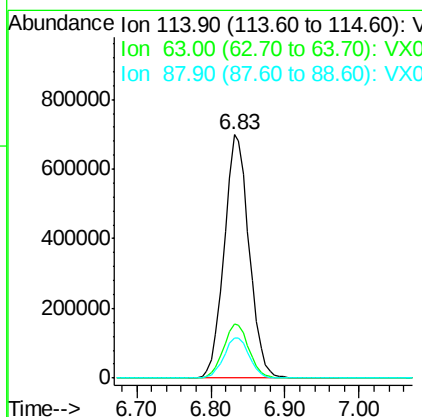
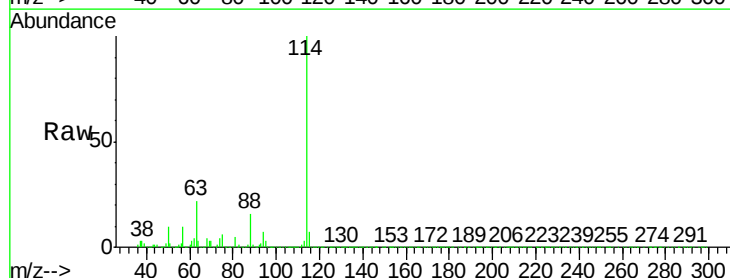
Manual Integrations
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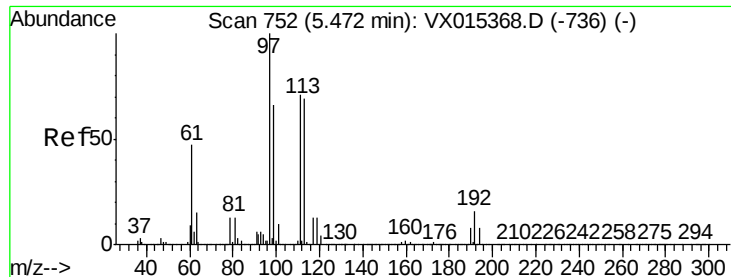
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.2
88	16.3	0.0	33.8





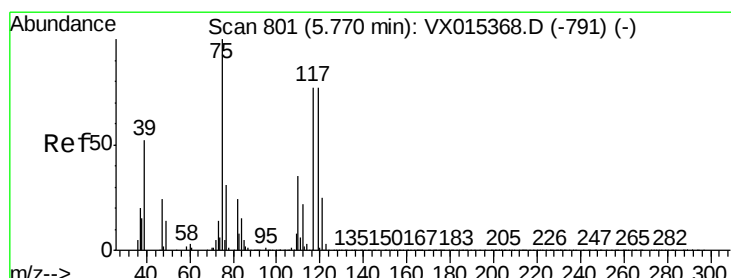
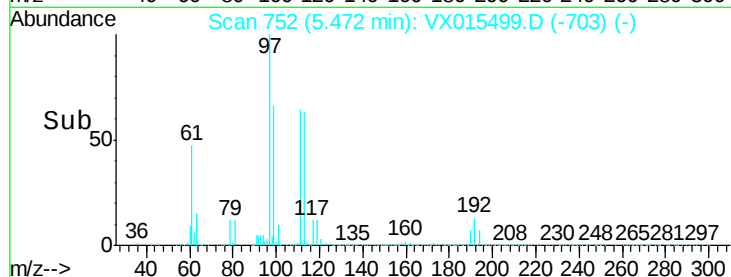
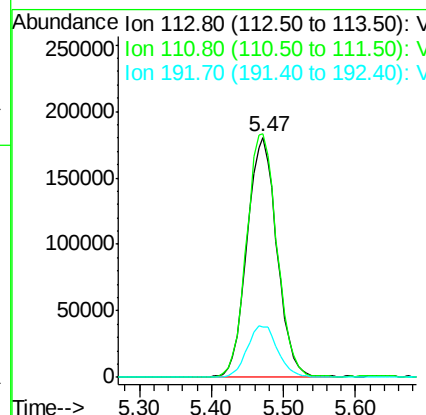
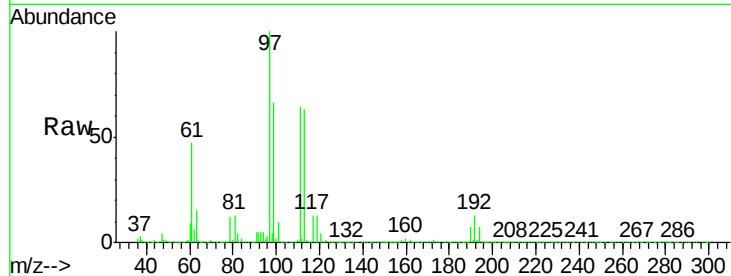
#35
Dibromofluoromethane
Concen: 50.123 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	521852		
111	102.9	81.5	122.3	
192	21.9	17.8	26.6	

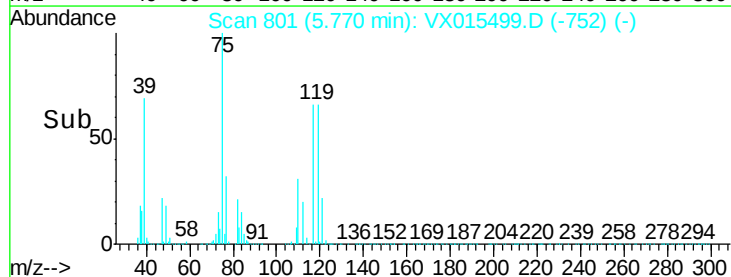
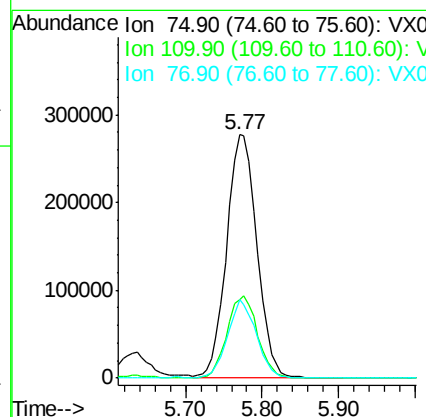
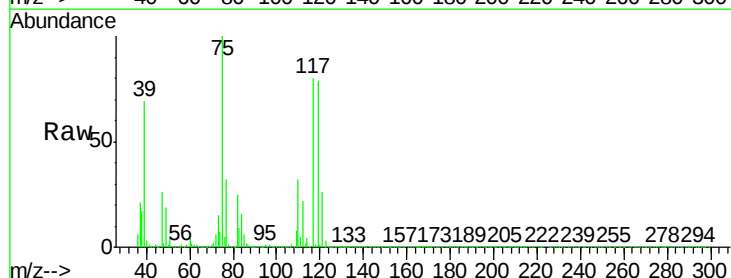
Manual Integrations
APPROVED

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4/3/2020 12:36:20 PM



#36
1,1-Dichloropropene
Concen: 50.304 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	754922		
110	34.1	17.1	51.3	
77	30.4	24.6	36.8	





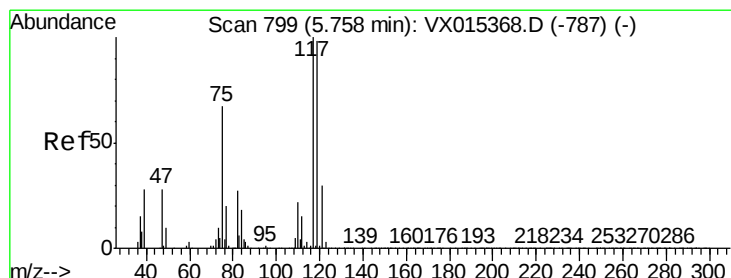
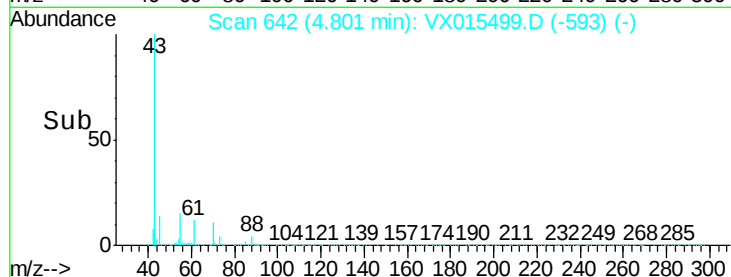
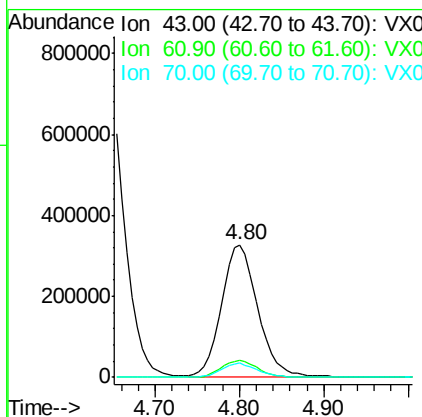
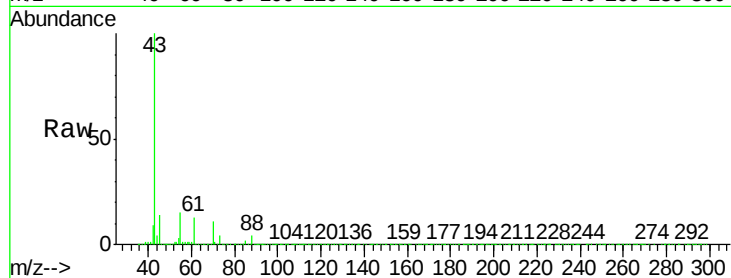
#37
Ethyl Acetate
Concen: 48.500 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.2	8.1	12.1

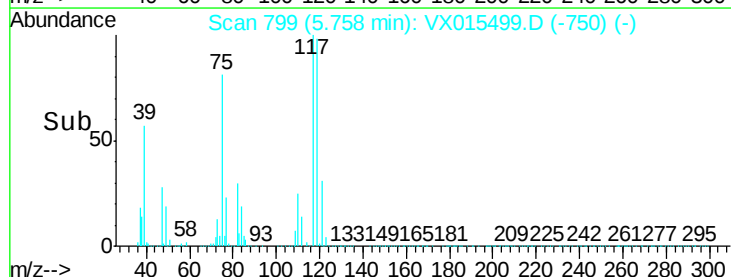
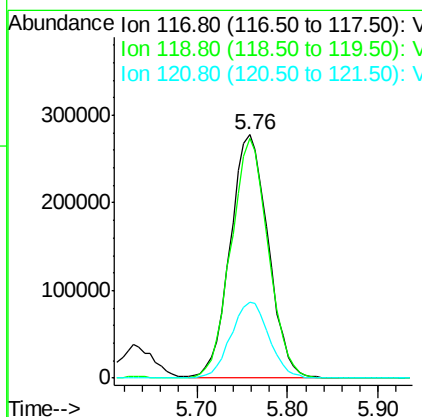
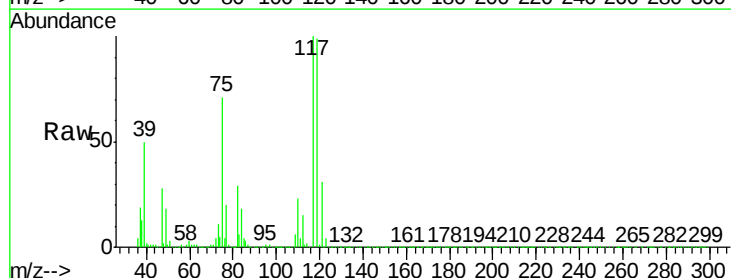
Manual Integrations
APPROVED

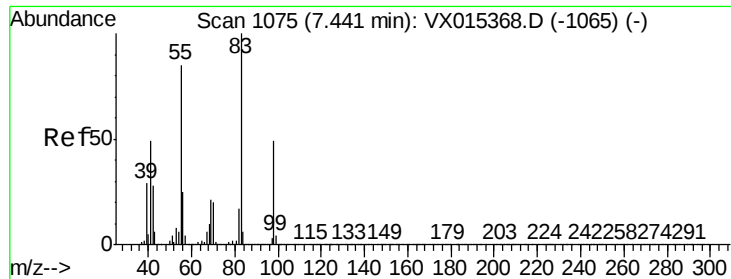
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.386 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.0	117.0
121	31.1	23.8	35.8





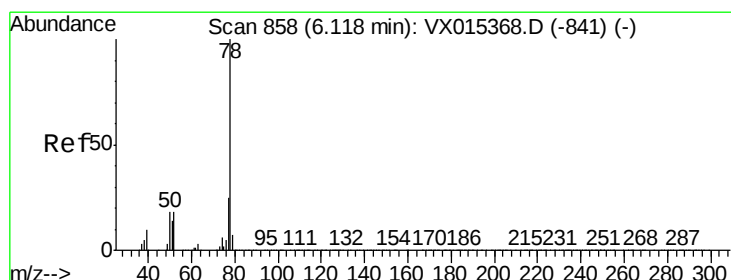
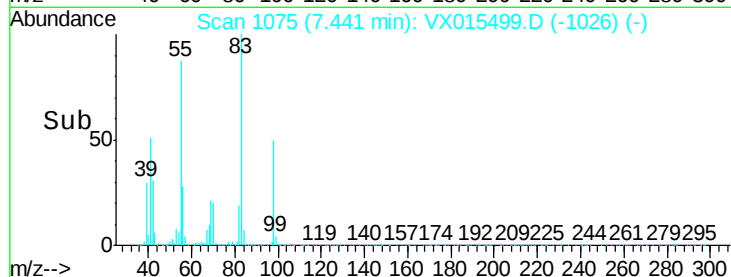
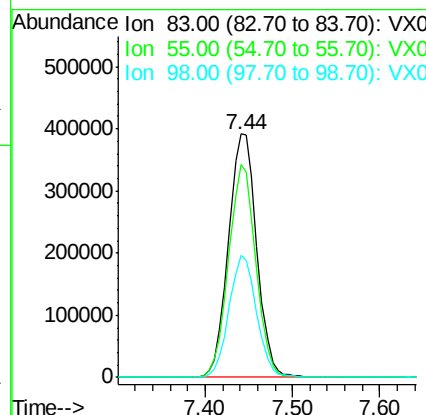
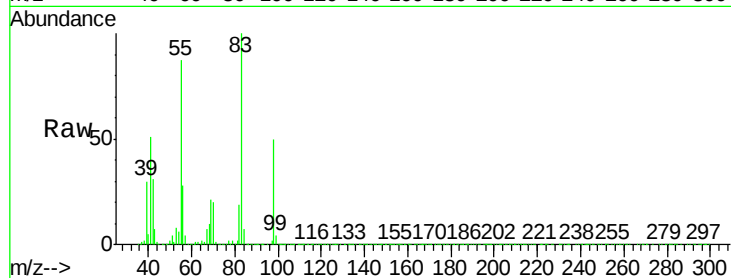
#39
Methvlcvclohexane
Concen: 50.884 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.2	67.8	101.6
98	49.9	39.3	58.9

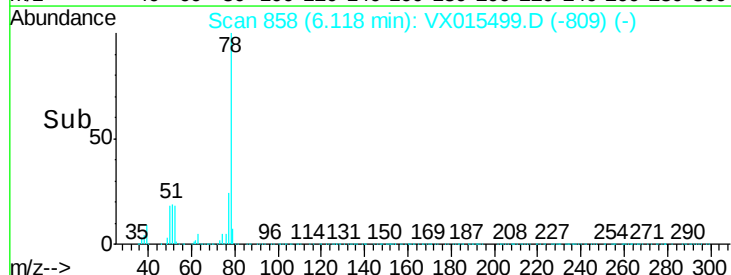
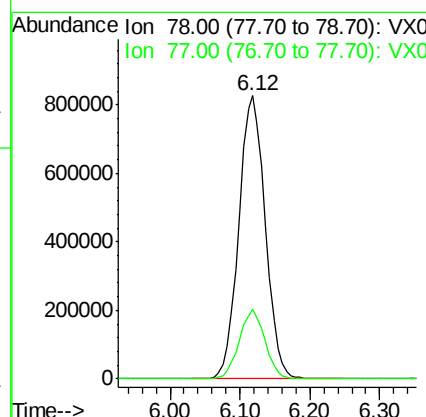
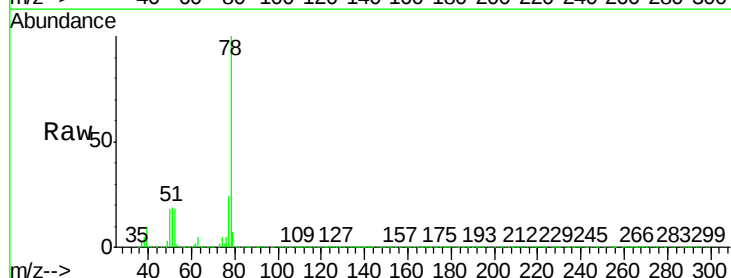
Manual Integrations
APPROVED

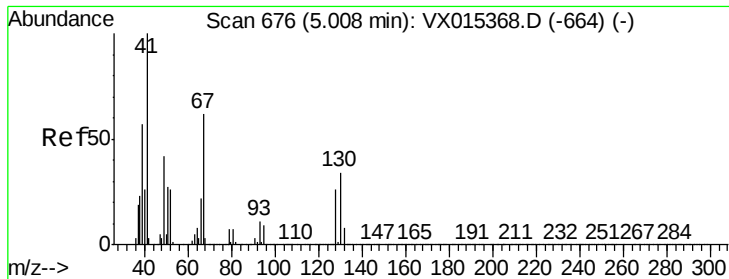
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#40
Benzene
Concen: 49.251 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.8	29.8





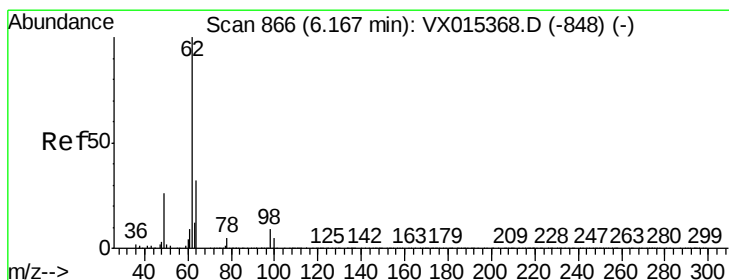
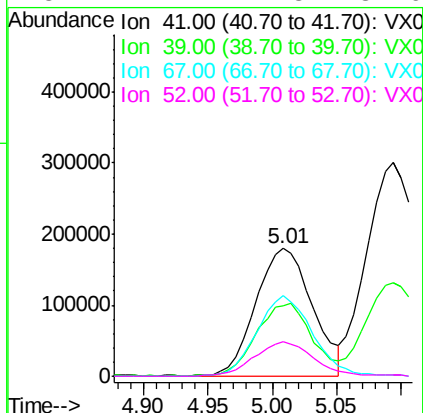
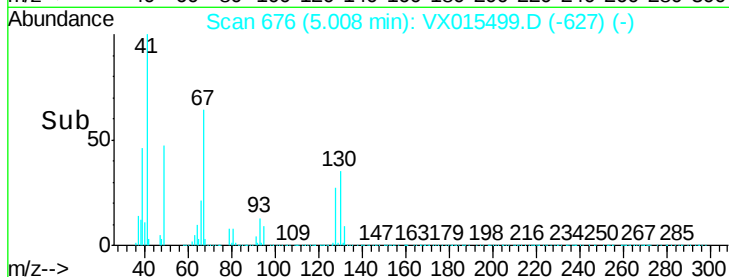
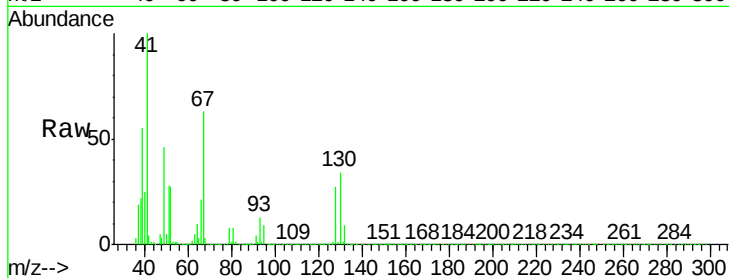
#41
Methacrylonitrile
Concen: 50.126 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	44.5	66.7	
67	61.8	48.9	73.3	
52	27.4	21.8	32.6	

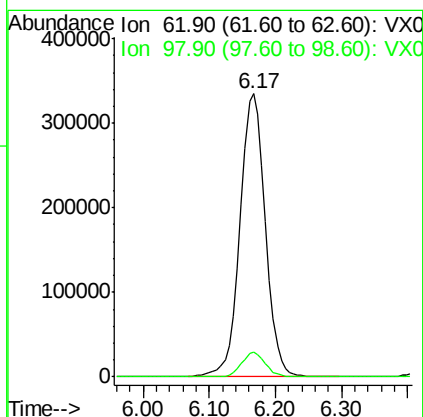
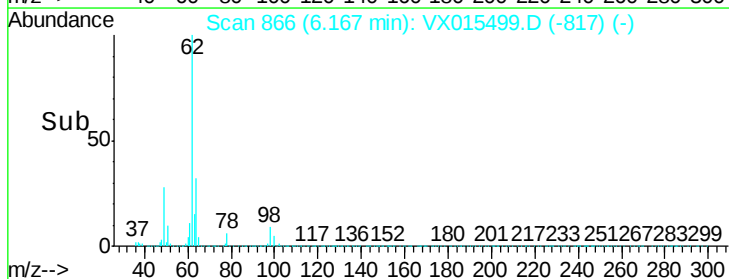
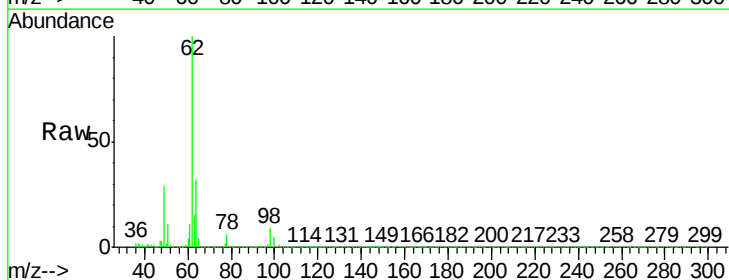
Manual Integrations
APPROVED

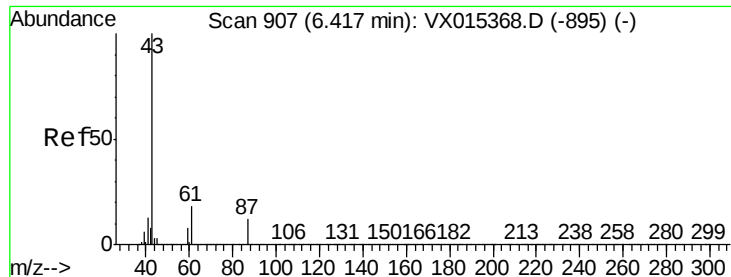
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.610 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	0.0	17.6	





#43

Isopropyl Acetate

Concen: 48.692 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

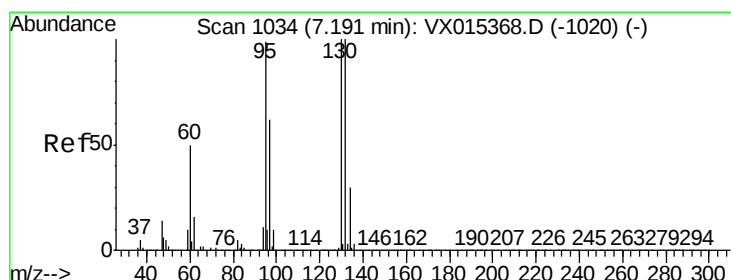
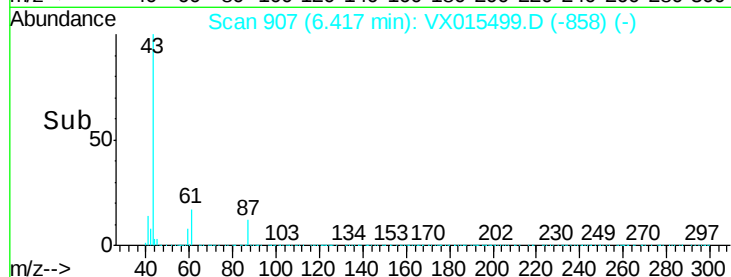
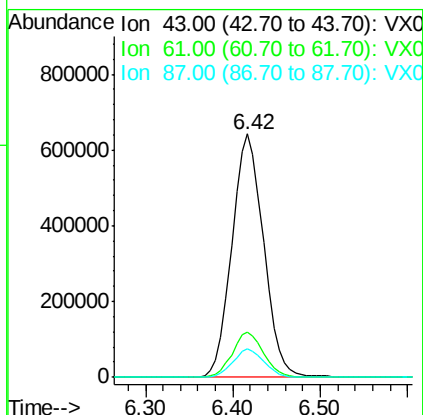
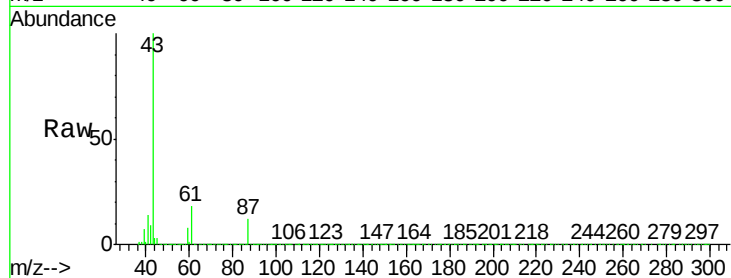
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	1606157
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.8	22.2
87	11.6	9.4	14.0

Manual Integrations
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#44

Trichloroethene

Concen: 48.935 ug/l

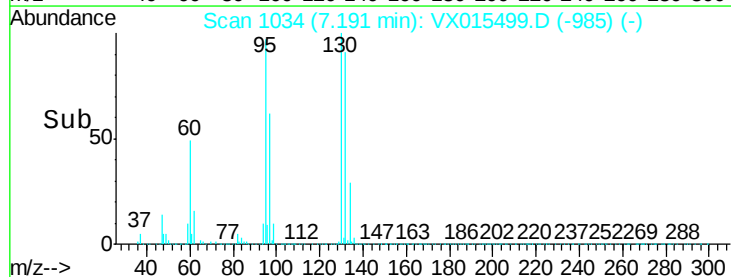
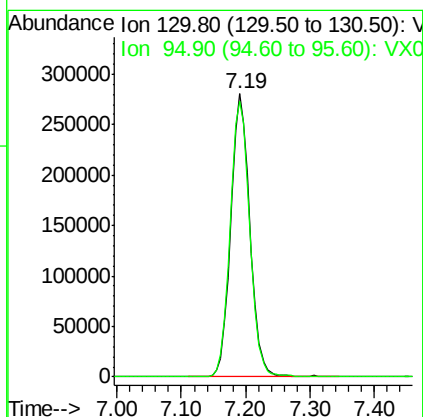
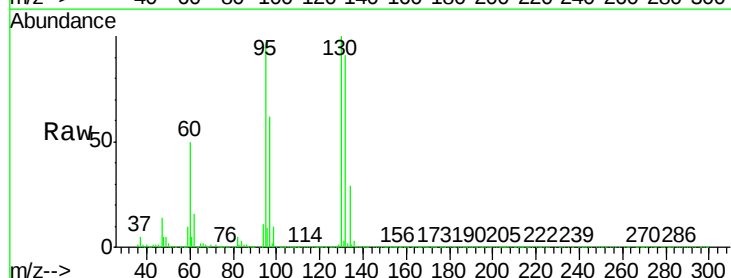
RT: 7.19 min Scan# 1034

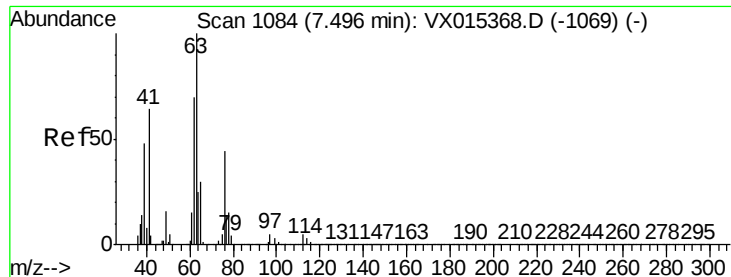
Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion:	130	Resp:	586689
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	199.0





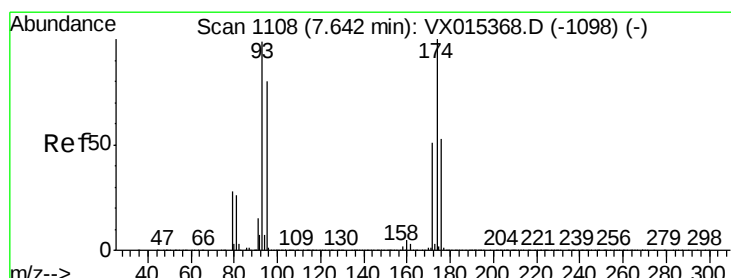
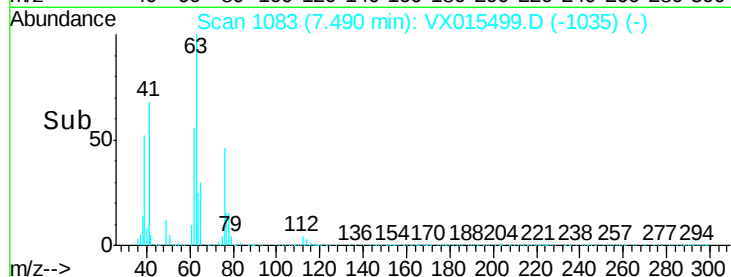
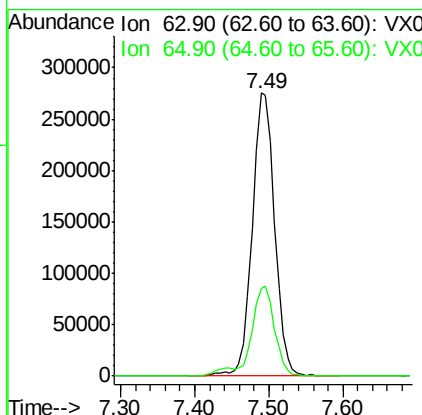
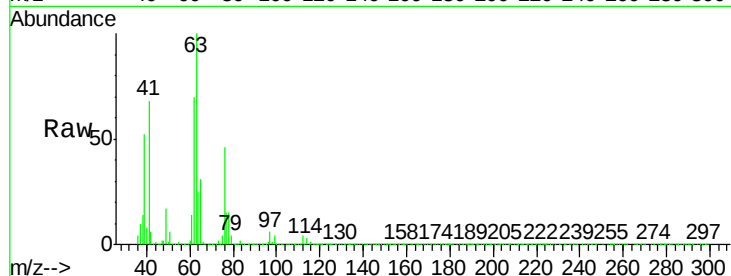
#45
 1,2-Dichloropropane
 Concen: 48.267 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.9	35.9

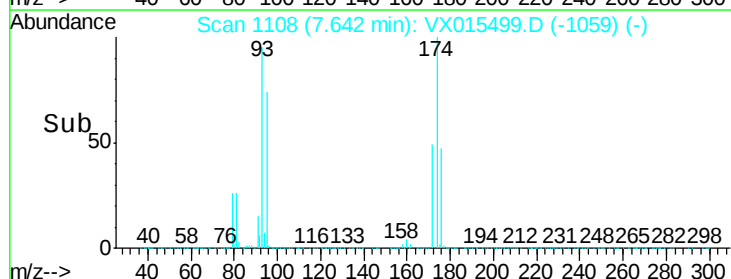
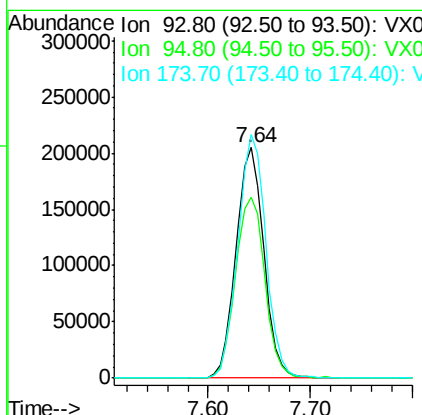
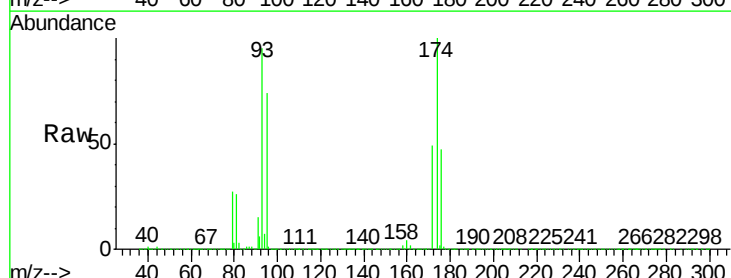
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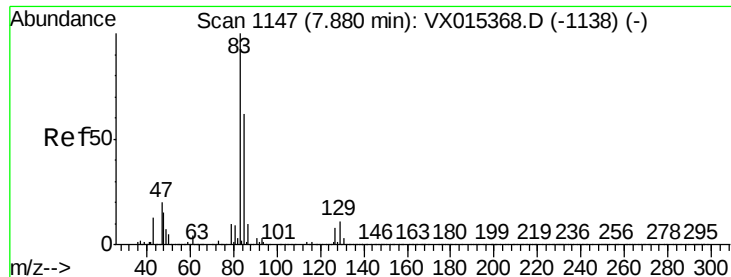
MMDadoda
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#46
 Dibromomethane
 Concen: 48.852 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.8	98.8
174	106.9	86.2	129.2





#47

Bromodichloromethane

Concen: 49.374 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

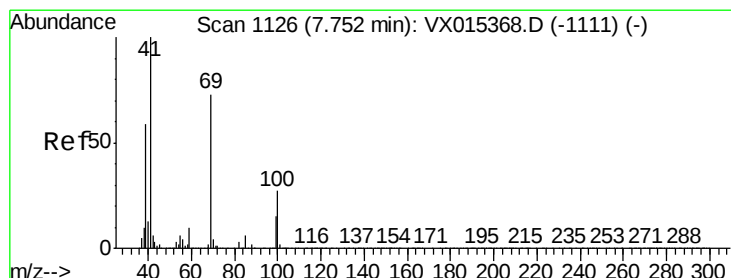
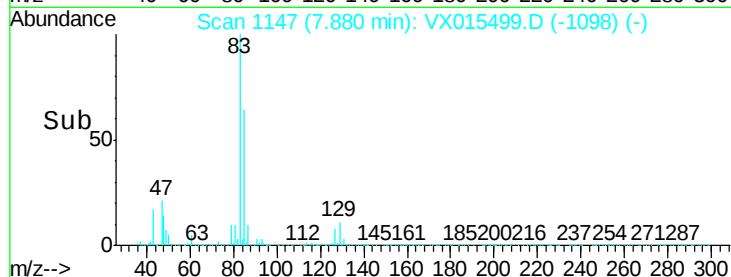
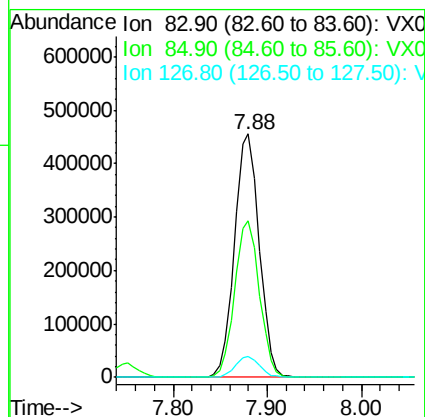
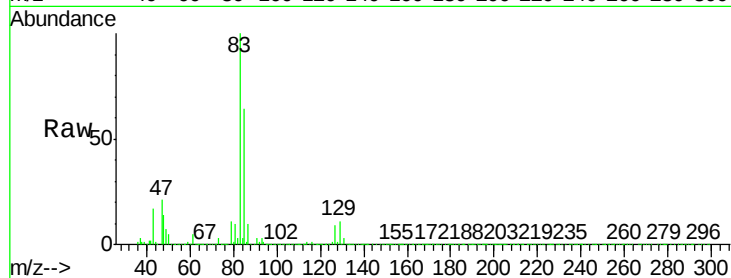
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	829942
Ion Ratio	Lower	Upper	
83	100		
85	64.3	49.7	74.5
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.576 ug/l

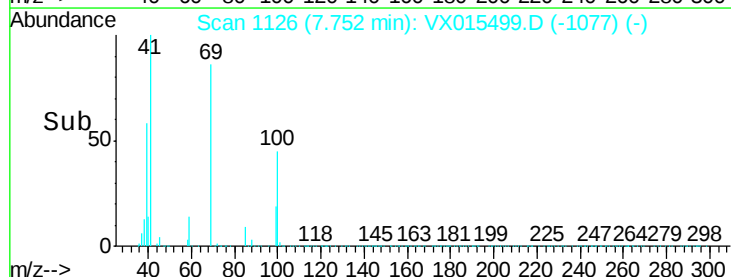
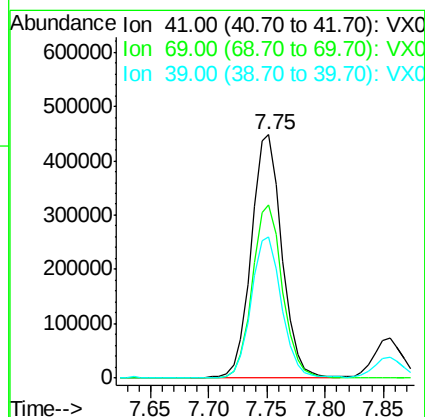
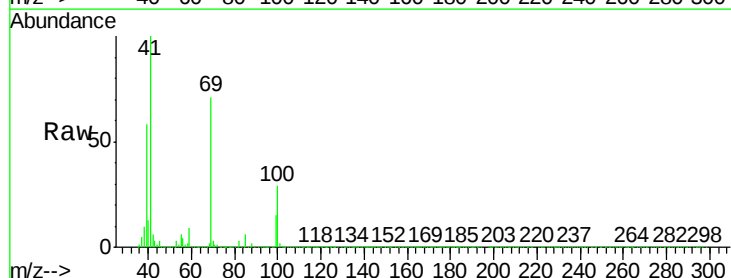
RT: 7.75 min Scan# 1126

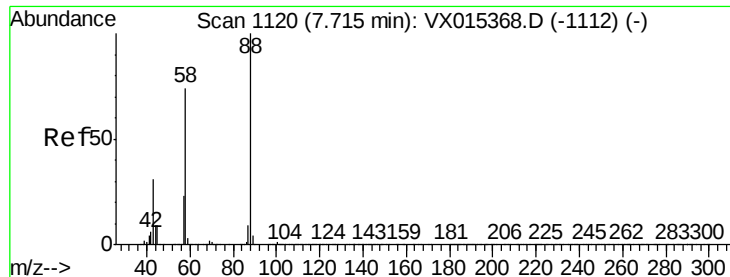
Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion:	41	Resp:	816837
Ion Ratio	Lower	Upper	
41	100		
69	70.7	56.7	85.1
39	57.7	46.5	69.7





#49

1,4-Dioxane

Concen: 992.990 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

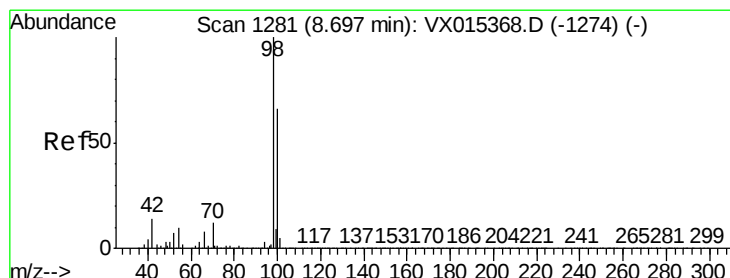
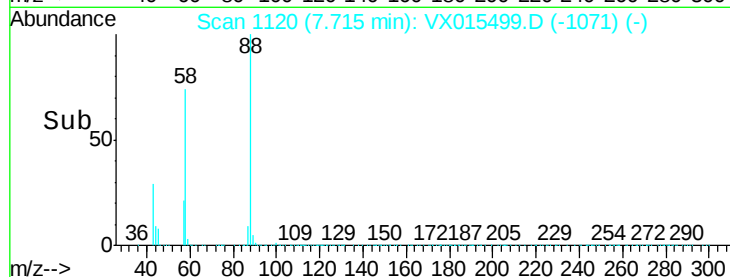
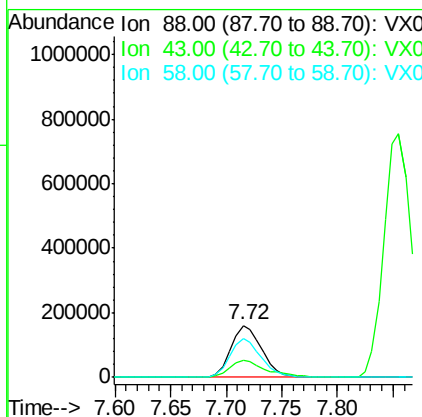
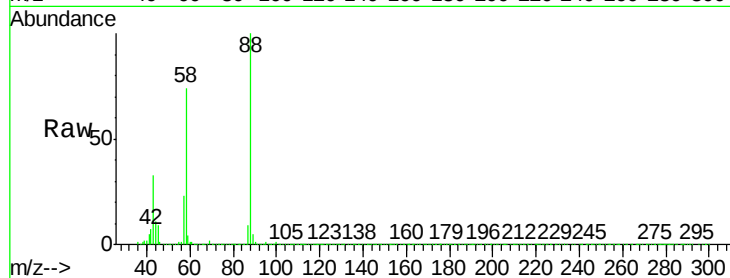
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	305211
Ion Ratio	Lower	Upper	
88	100		
43	38.1	30.1	45.1
58	76.0	60.6	90.8

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#50

Toluene-d8

Concen: 50.055 ug/l

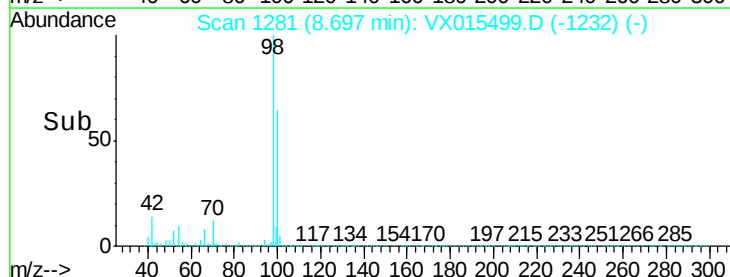
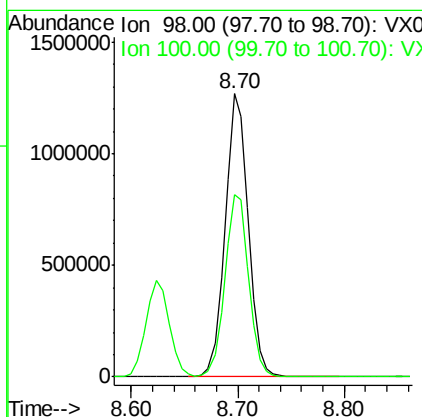
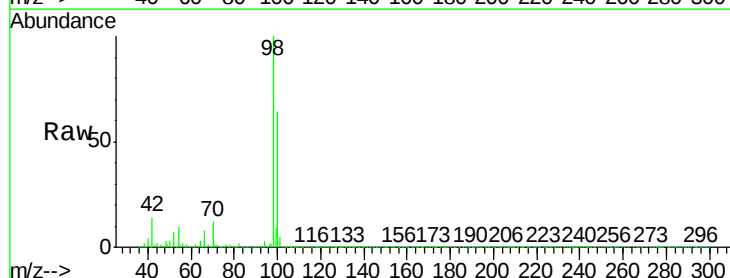
RT: 8.70 min Scan# 1281

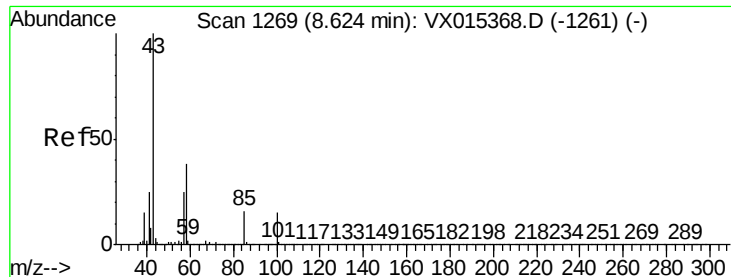
Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion:	98	Resp:	1918723
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.5	80.3





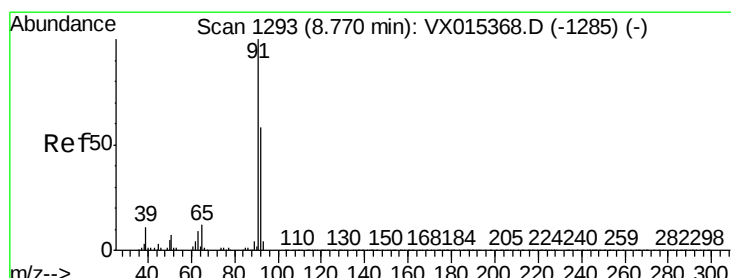
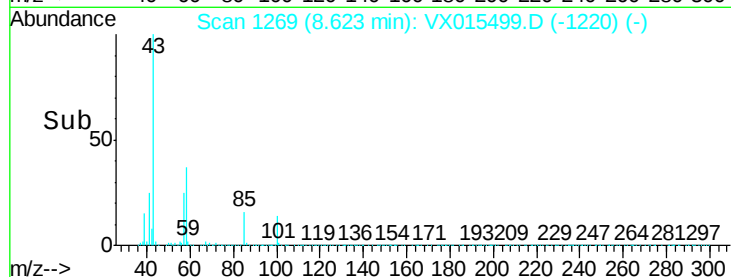
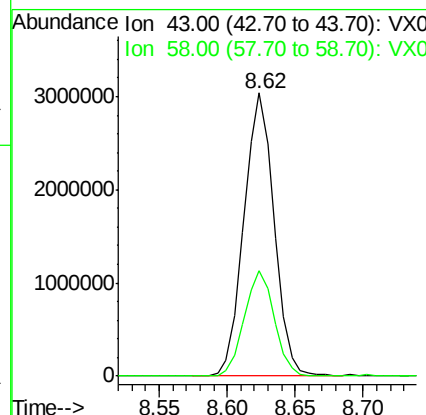
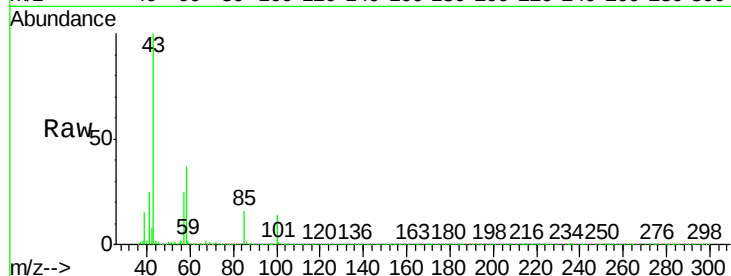
#51
4-Methyl-2-Pentanone
Concen: 252.629 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 4722657
Ion Ratio Lower Upper
43 100
58 37.0 29.7 44.5

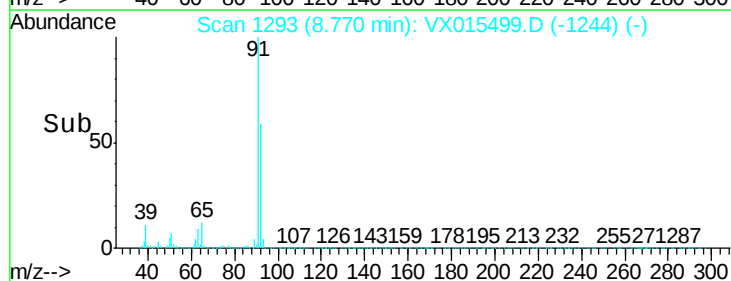
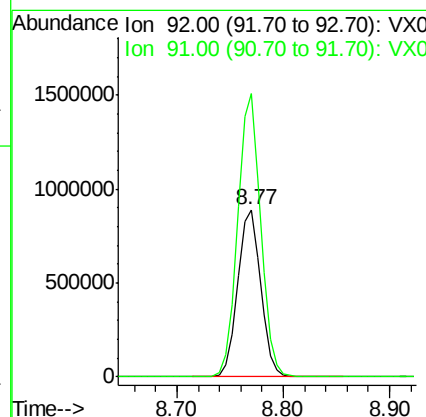
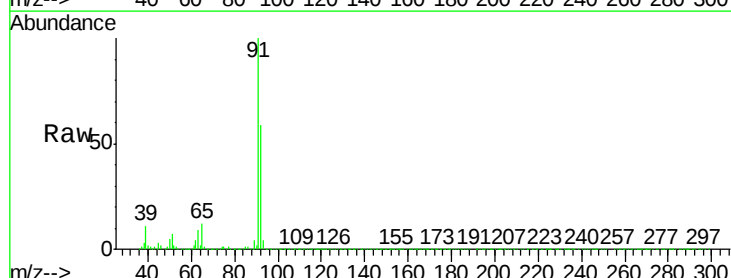
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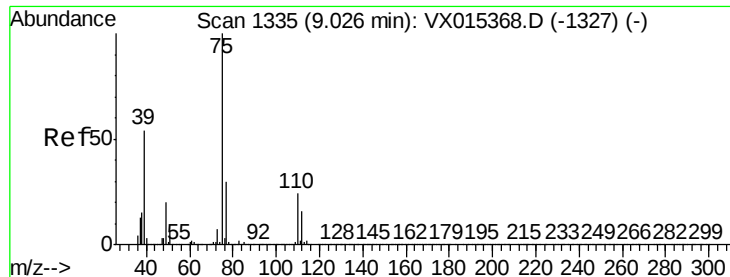
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#52
Toluene
Concen: 50.077 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 92 Resp: 1357206
Ion Ratio Lower Upper
92 100
91 168.3 136.6 205.0





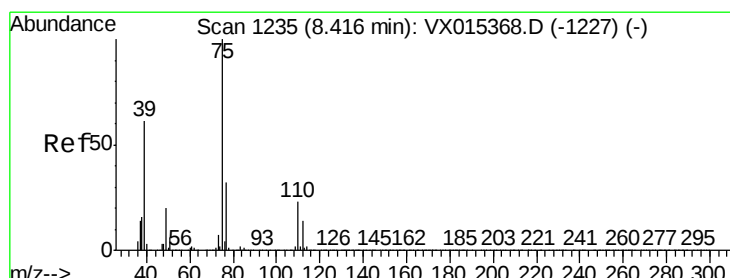
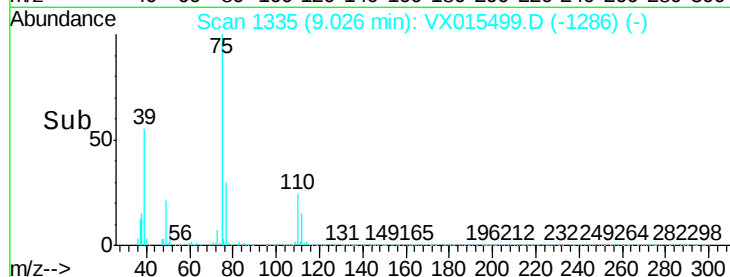
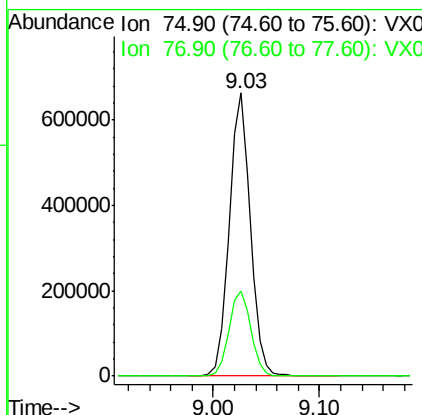
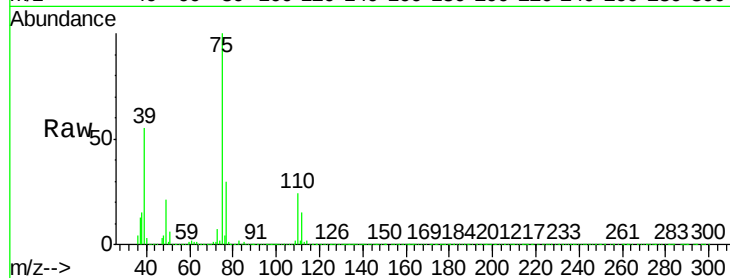
#53
t-1,3-Dichloropropene
Concen: 46.664 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100	919941		
77	30.1	24.1	36.1	

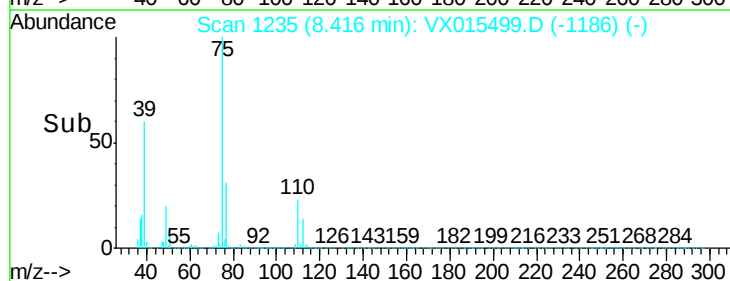
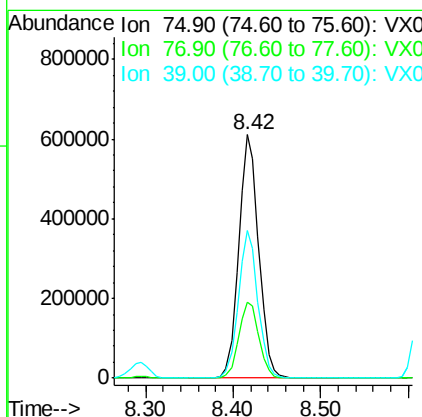
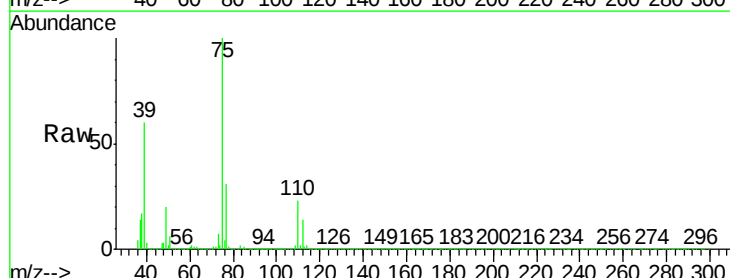
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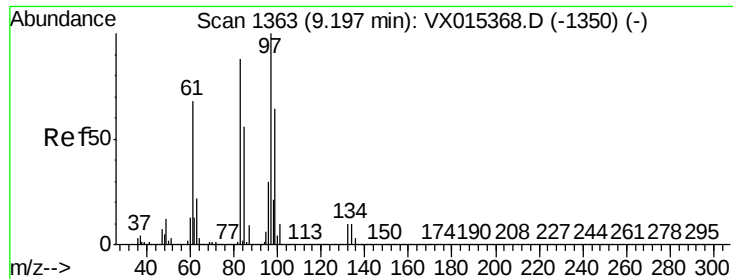
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#54
cis-1,3-Dichloropropene
Concen: 48.069 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	965314		
77	31.1	25.8	38.6	
39	60.3	49.0	73.4	





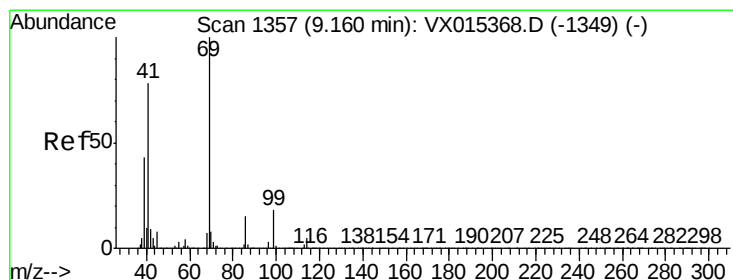
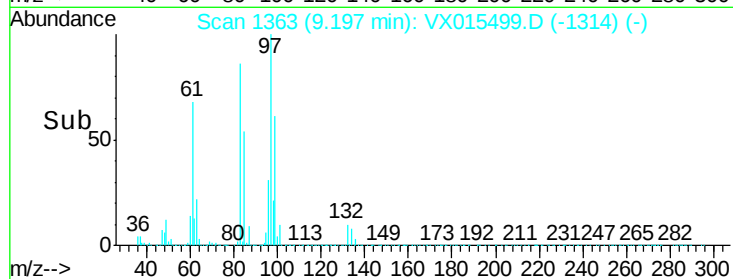
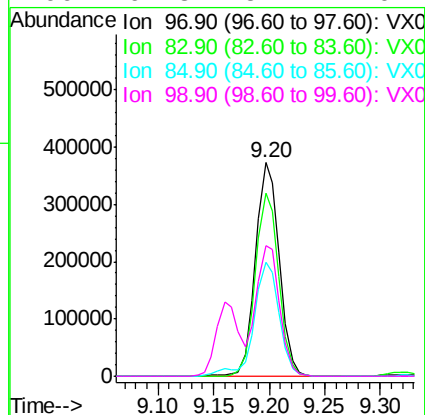
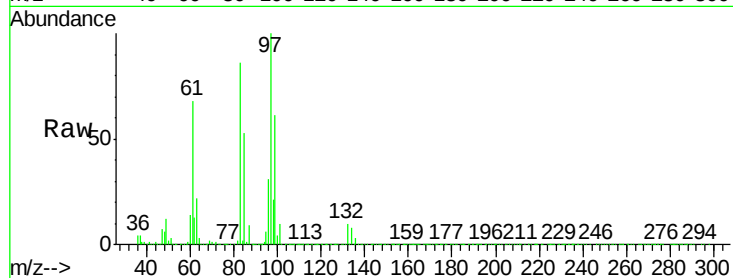
#55
 1,1,2-Trichloroethane
 Concen: 49.977 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	554951
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.4
85	53.4	44.7	67.1
99	61.3	51.1	76.7

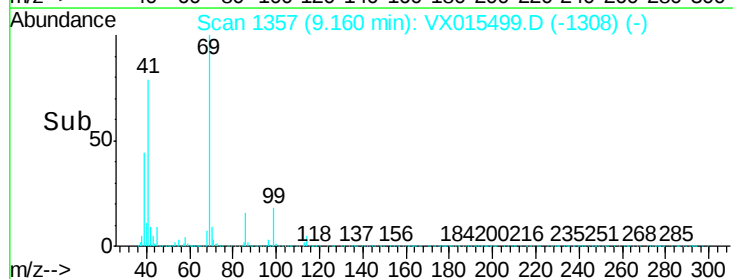
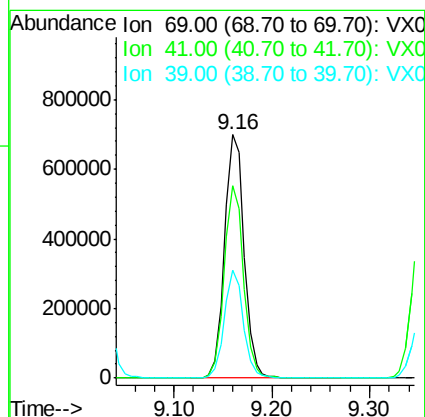
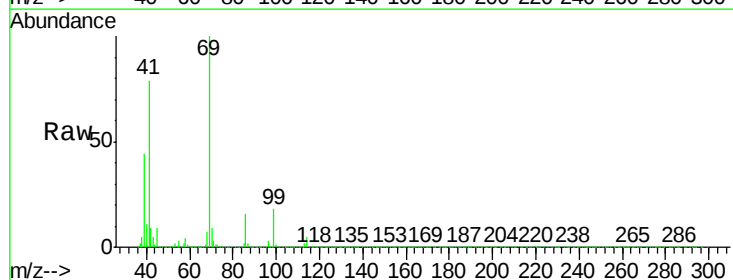
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#56
 Ethyl methacrylate
 Concen: 49.609 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion:	69	Resp:	970828
Ion	Ratio	Lower	Upper
69	100		
41	77.8	61.6	92.4
39	42.9	34.0	51.0





#57

1,3-Dichloropropane

Concen: 48.534 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 970971

Ion Ratio Lower Upper

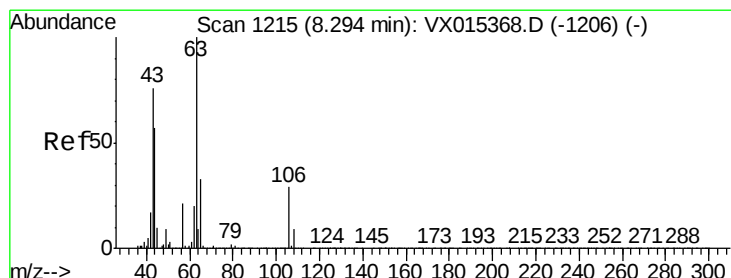
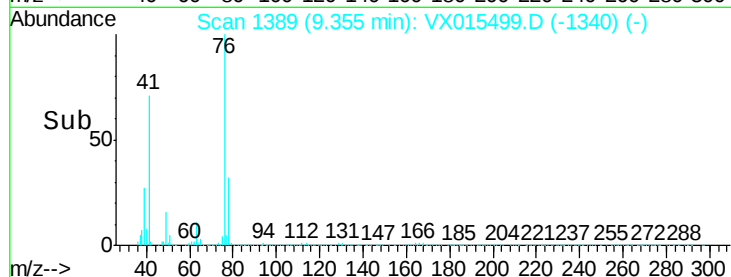
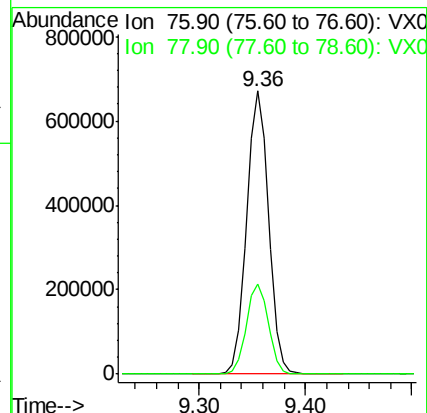
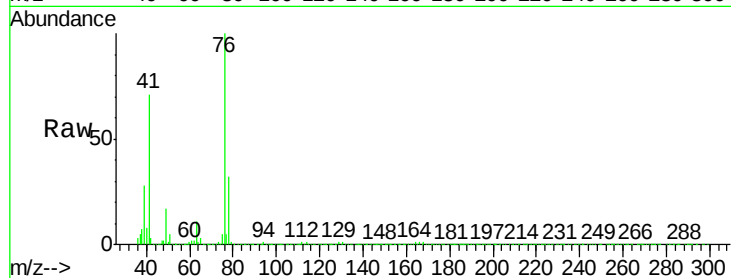
76 100

78 31.9 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 250.049 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015499.D

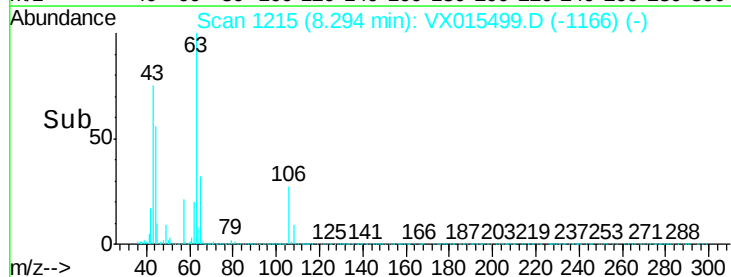
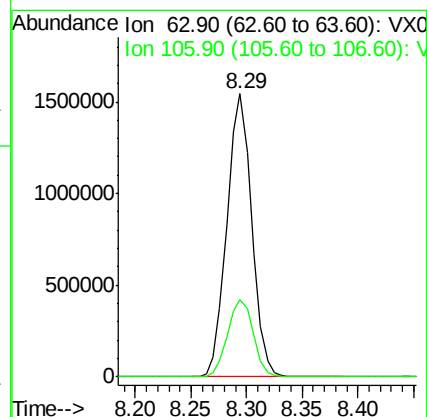
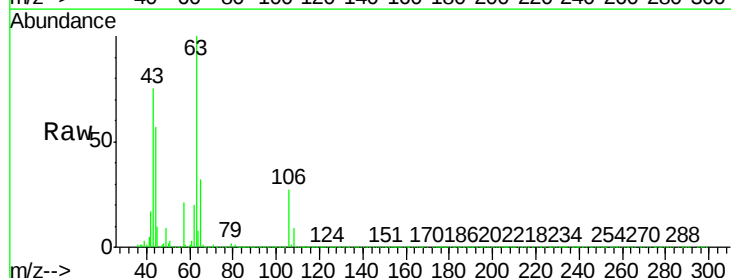
Acq: 02 Apr 2020 21:47

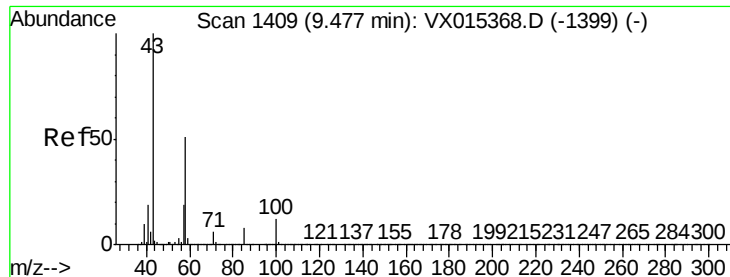
Tgt Ion: 63 Resp: 2380145

Ion Ratio Lower Upper

63 100

106 28.2 22.7 34.1





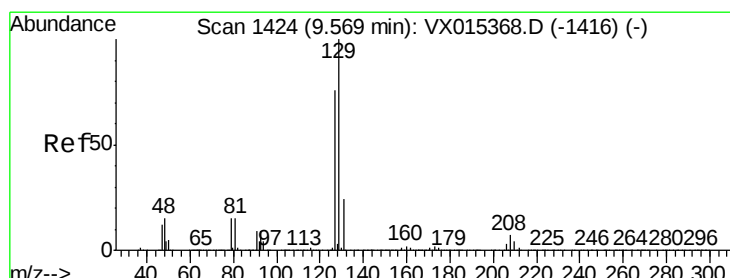
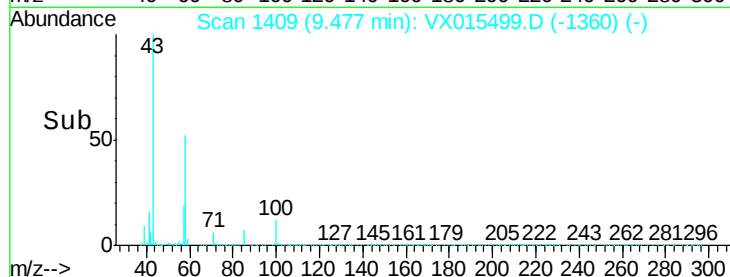
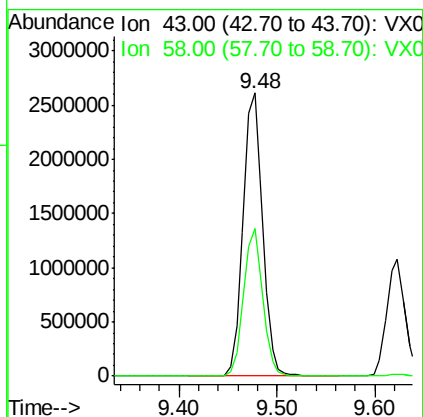
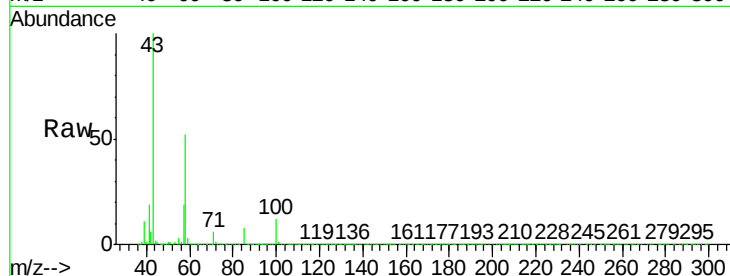
#59
2-Hexanone
Concen: 256.751 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3623691
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6

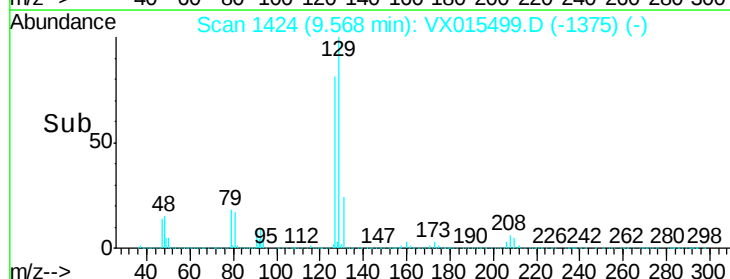
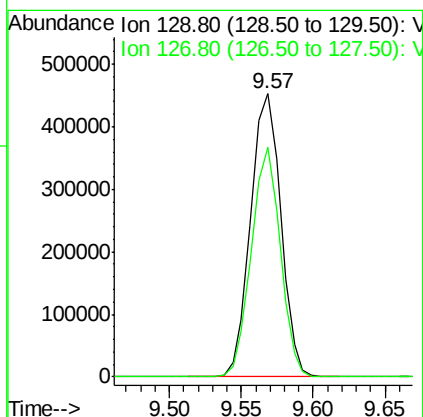
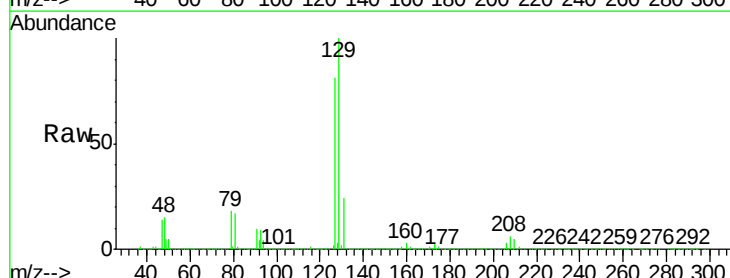
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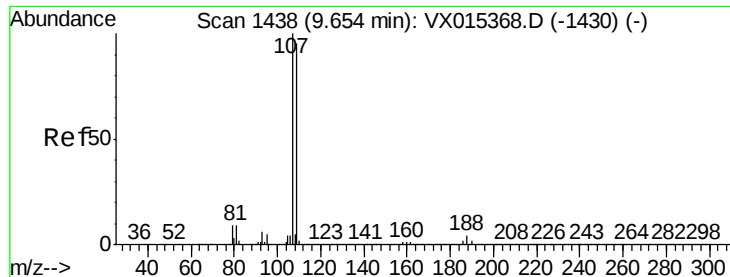
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#60
Dibromochloromethane
Concen: 49.160 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 129 Resp: 655946
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.761 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 600807

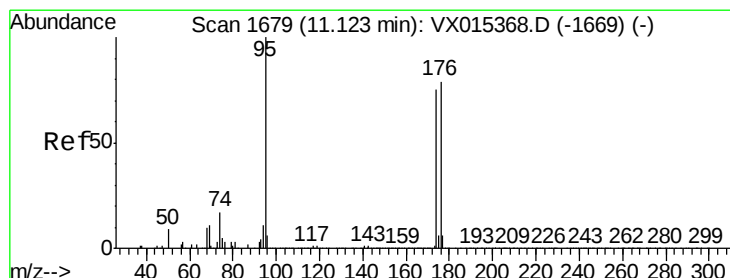
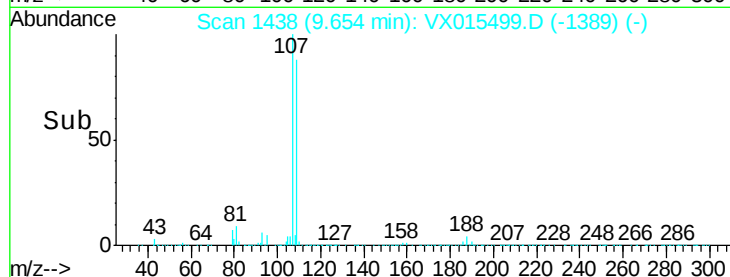
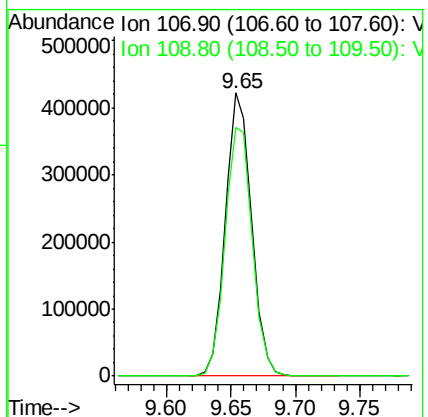
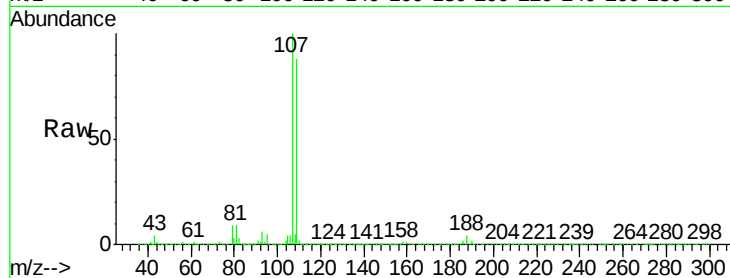
Ion Ratio Lower Upper

107 100

109 92.0 74.8 112.2

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 50.587 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

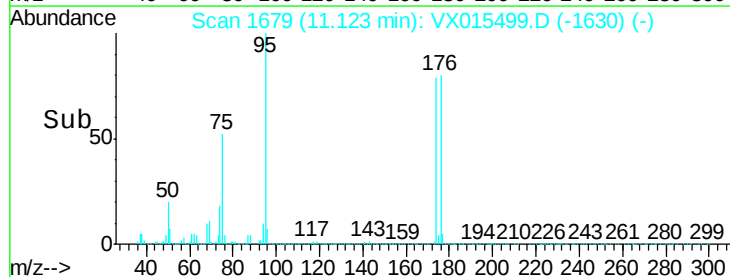
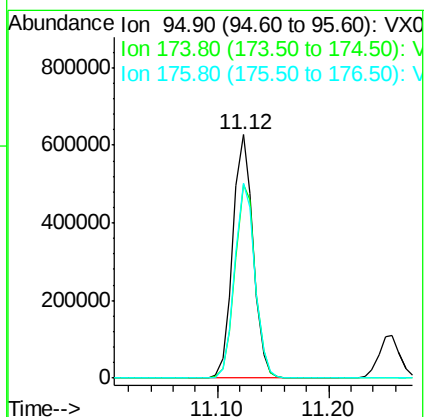
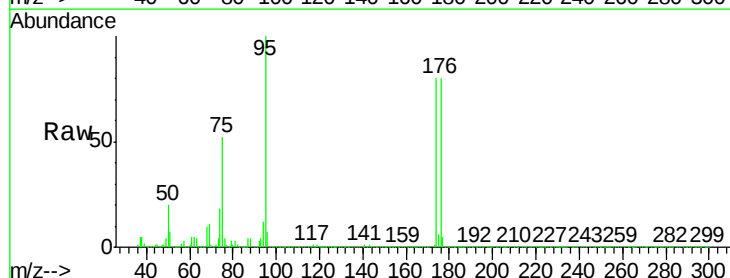
Tgt Ion: 95 Resp: 788057

Ion Ratio Lower Upper

95 100

174 80.1 0.0 158.6

176 80.0 0.0 159.0





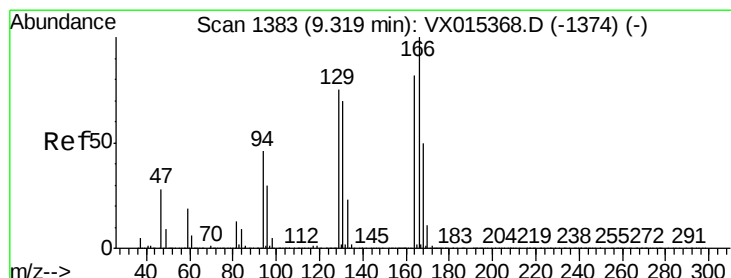
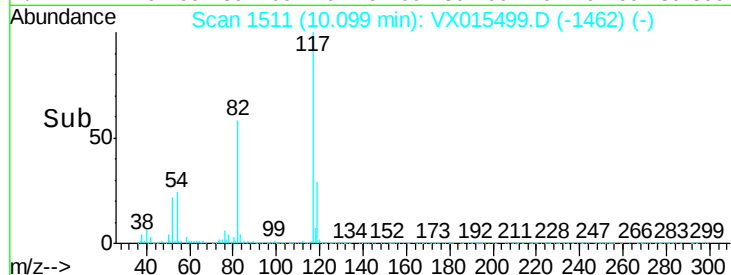
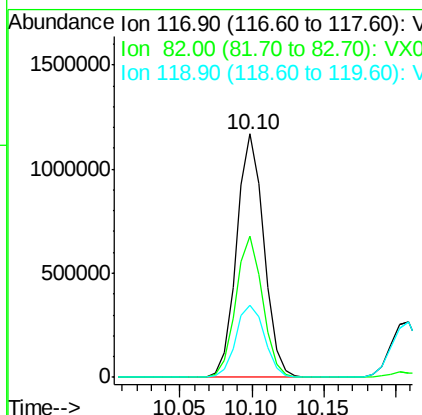
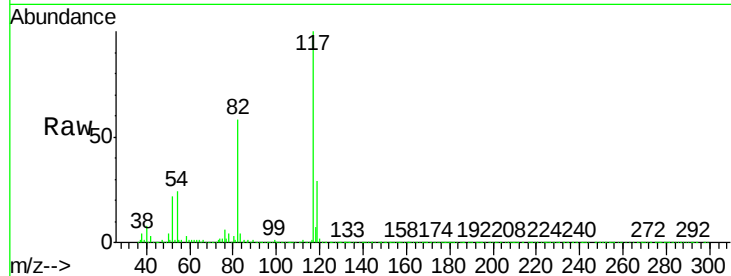
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.8	71.8
119	29.5	26.8	40.2

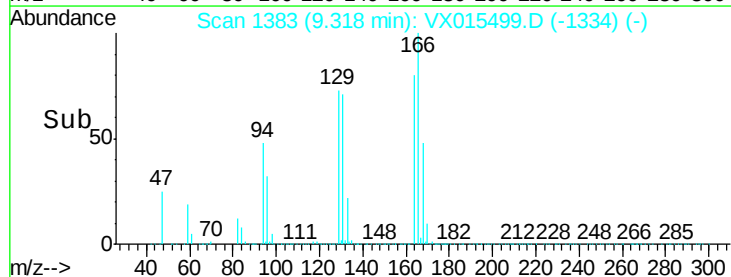
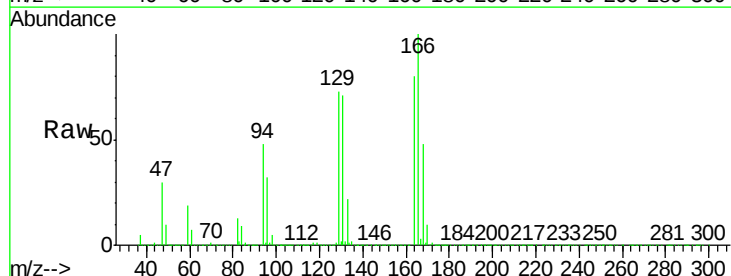
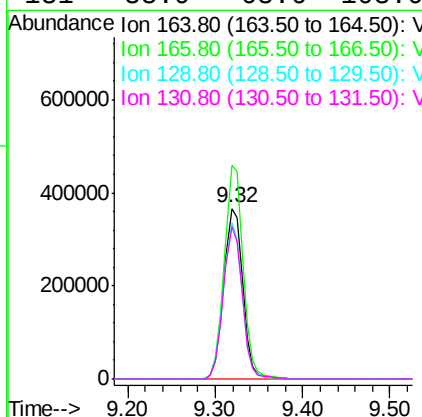
Manual Integrations
APPROVED

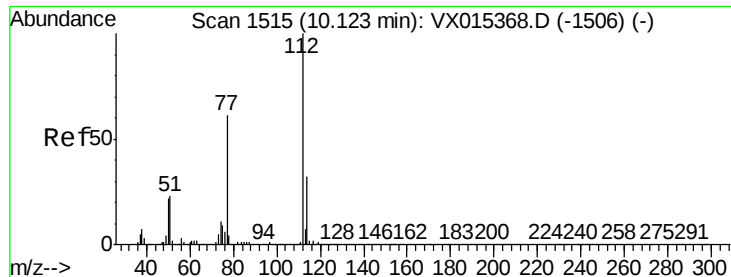
MMDadoda
4/3/2020 12:36:20 PM



#64
Tetrachloroethene
Concen: 47.641 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	97.8	146.6
129	91.8	73.0	109.4
131	88.9	68.6	103.0





#65

Chlorobenzene

Concen: 47.614 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1462905

Ion Ratio Lower Upper

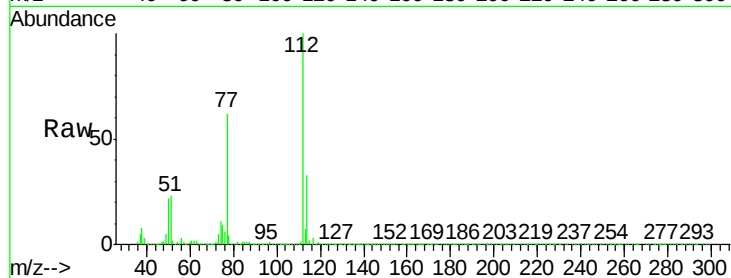
112 100

114 32.8 25.5 38.3

Manual Integrations
APPROVED

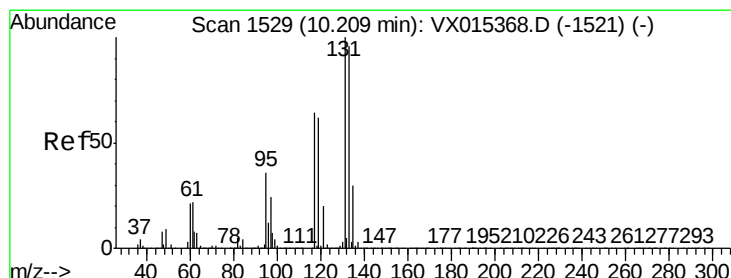
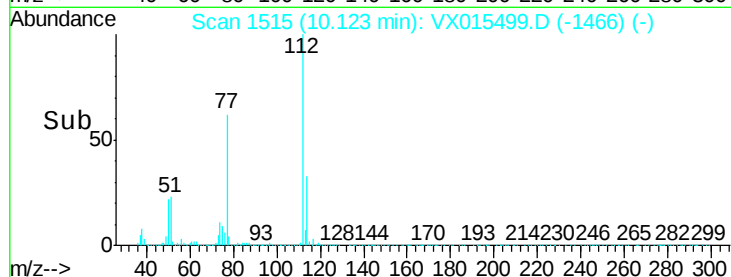
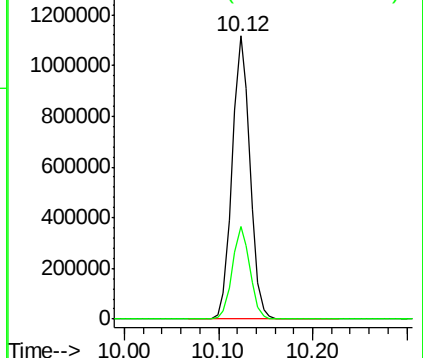
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.431 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

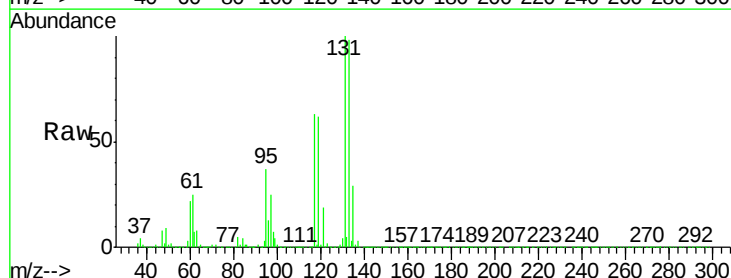
Tgt Ion:131 Resp: 594470

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.9

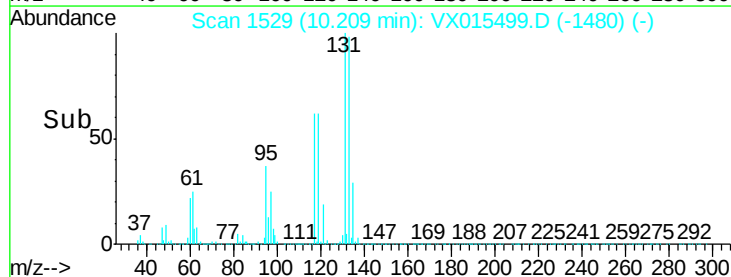
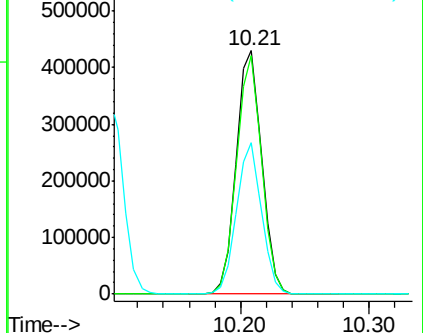
119 60.5 31.1 93.3

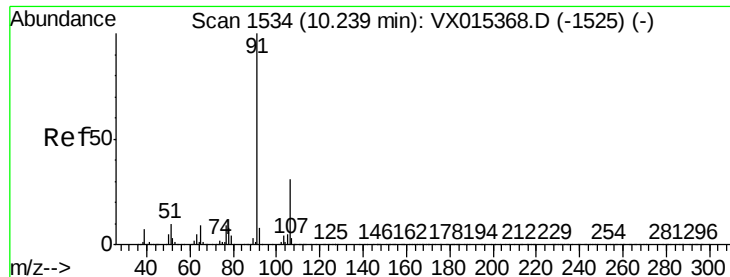


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





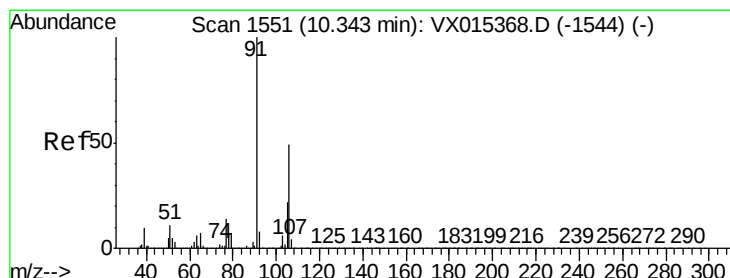
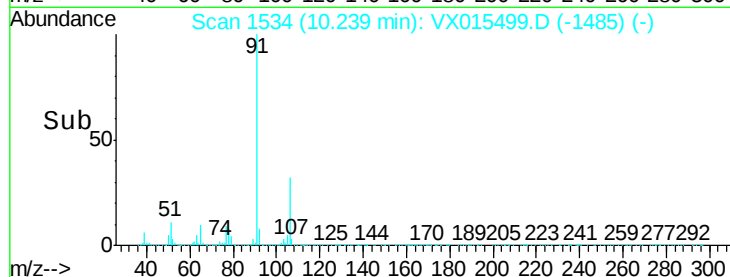
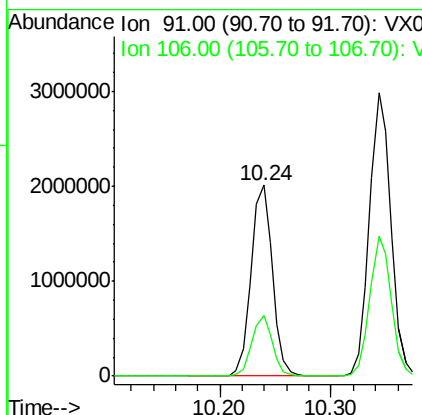
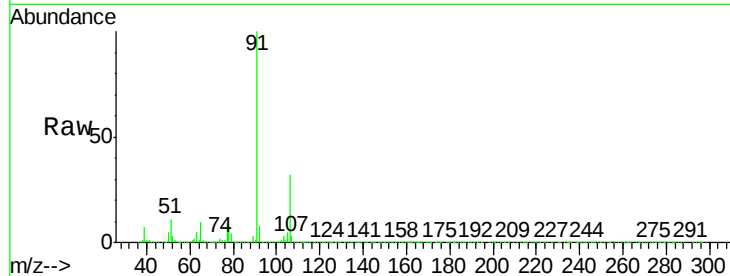
#67
Ethyl Benzene
Concen: 49.033 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2671899
Ion Ratio Lower Upper
91 100
106 32.0 24.8 37.2

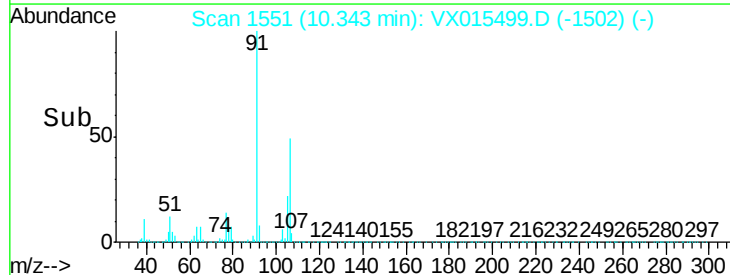
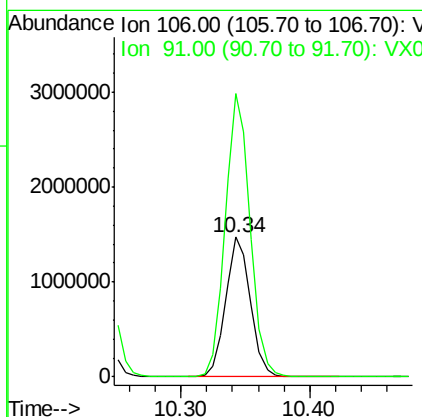
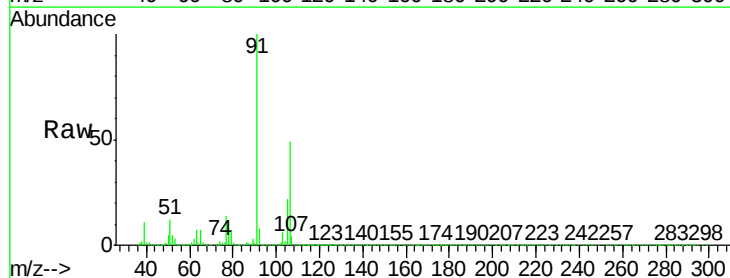
Manual Integrations
APPROVED

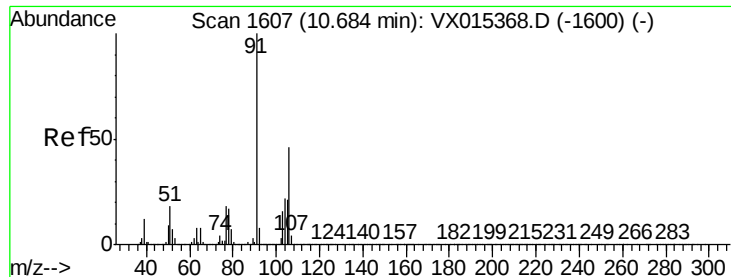
MMDadoda
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#68
m/p-Xylenes
Concen: 97.678 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion: 106 Resp: 1982010
Ion Ratio Lower Upper
106 100
91 203.8 163.4 245.0





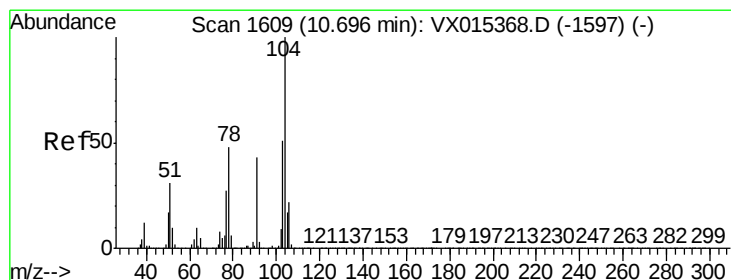
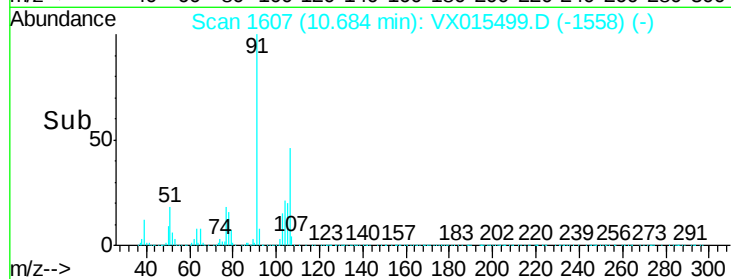
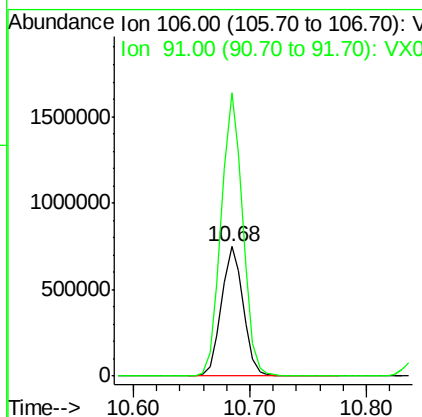
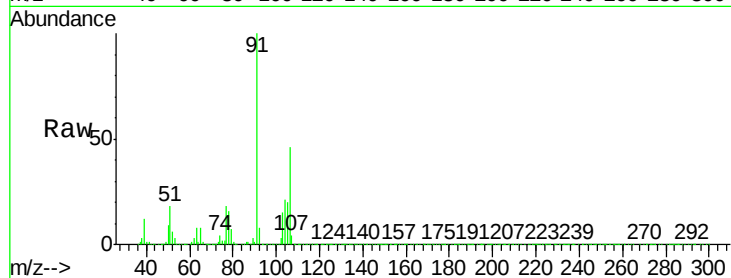
#69
o-Xylene
Concen: 47.887 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.1	107.1	321.3

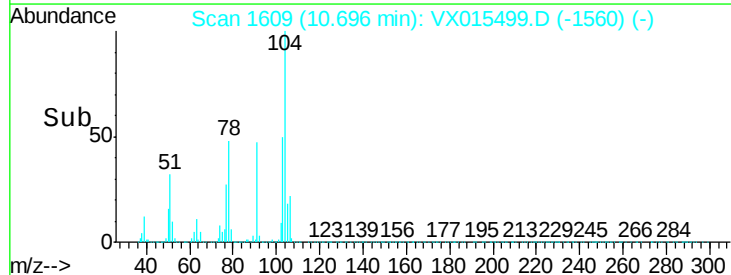
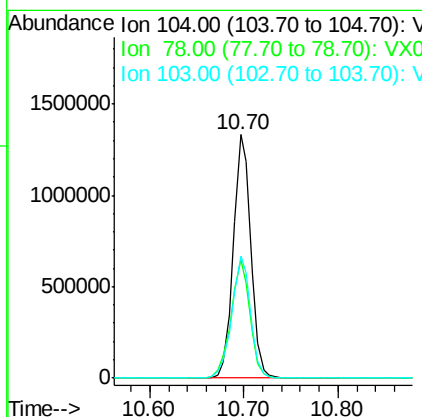
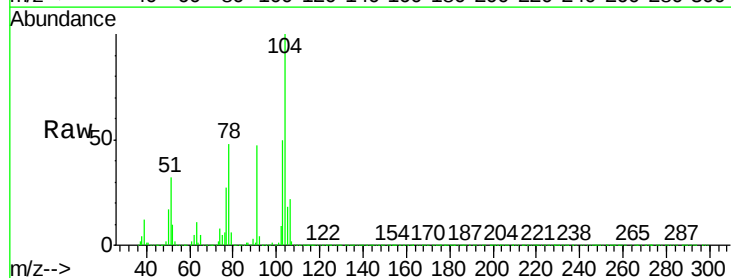
Manual Integrations
APPROVED

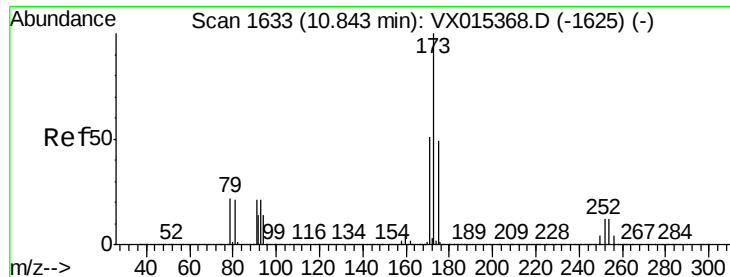
MMDadoda
4/3/2020 12:36:20 PM



#70
Styrene
Concen: 48.565 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	42.0	63.0
103	53.8	43.4	65.0





#71

Bromoform

Concen: 44.946 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

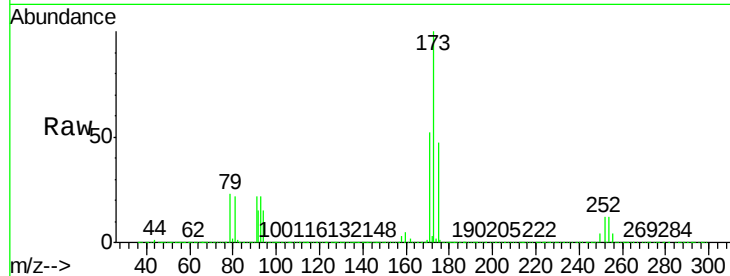
ClientSampled :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	23.9	71.7
254	0.3	0.1	0.1#

Manual Integrations
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4/3/2020 12:36:20 PM

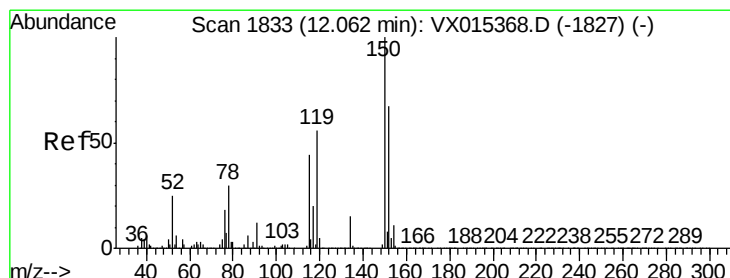
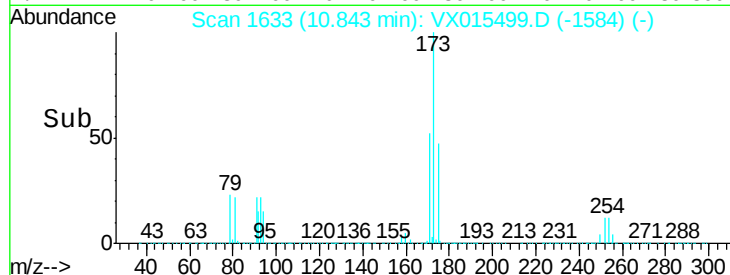
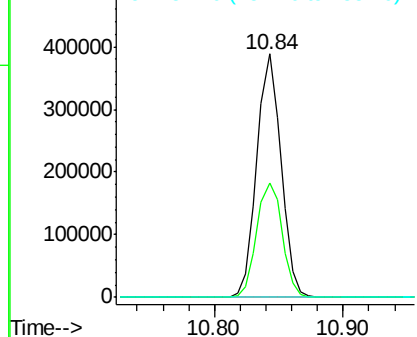


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

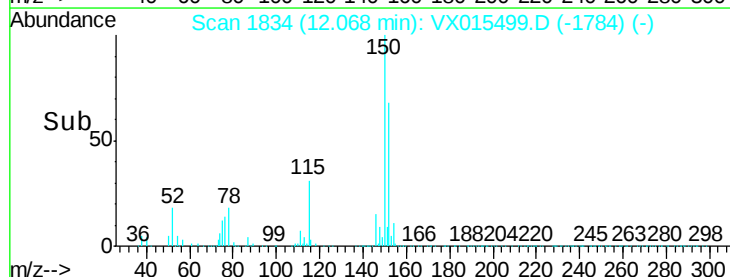
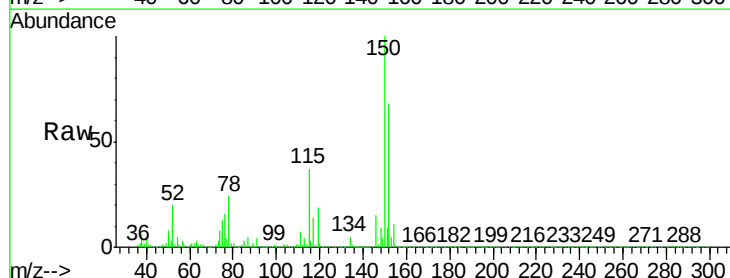
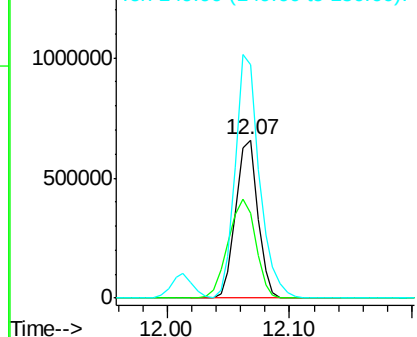
Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.1	39.0	116.9
150	168.3	0.0	340.8

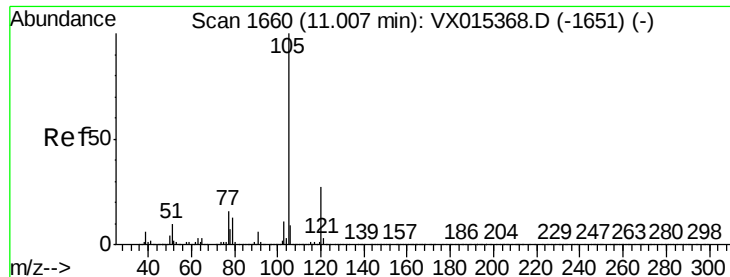
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.794 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2612301

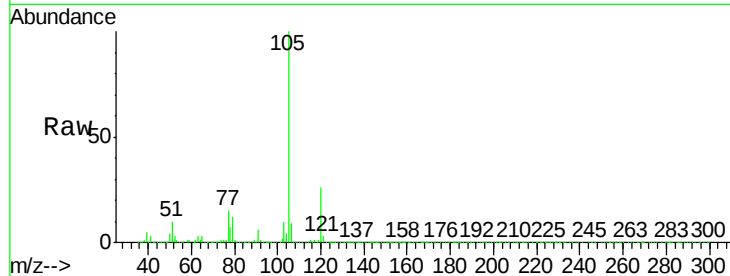
Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5

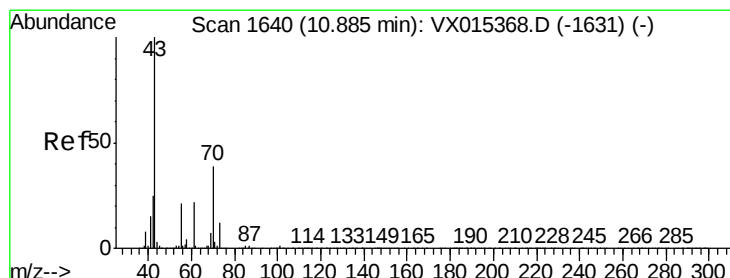
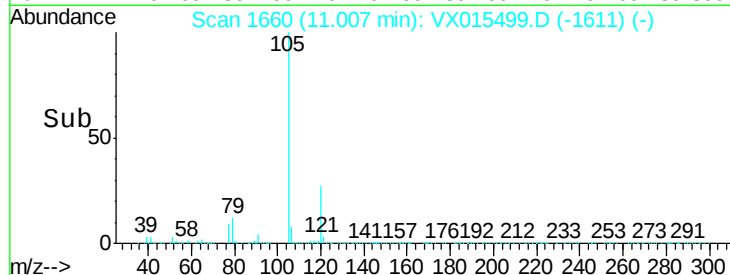
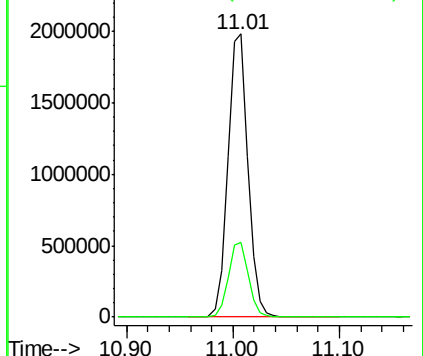
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.741 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion: 43 Resp: 1451324

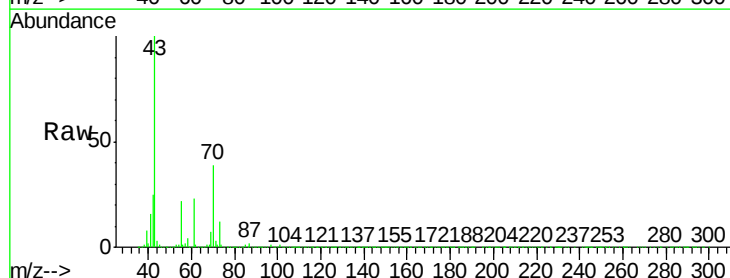
Ion Ratio Lower Upper

43 100

70 38.2 30.2 45.4

55 21.6 16.8 25.2

61 22.9 18.2 27.2

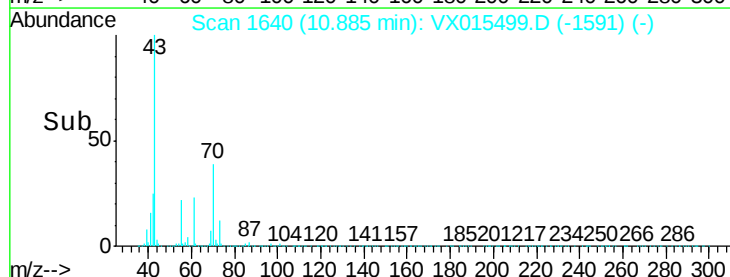
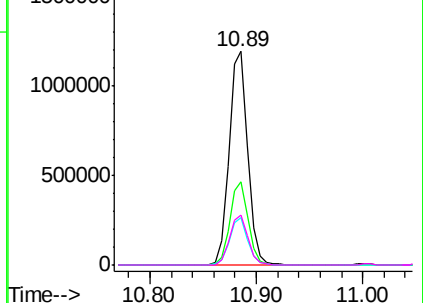


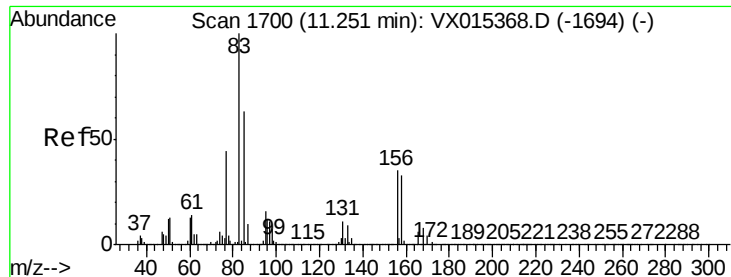
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.453 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

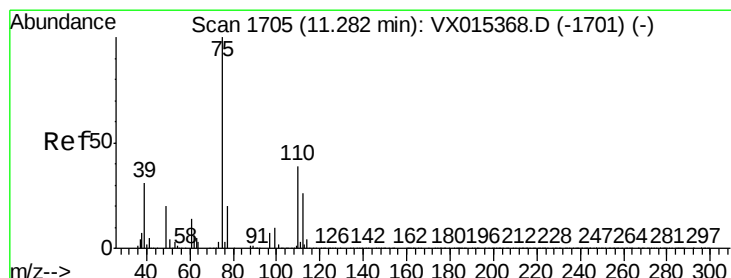
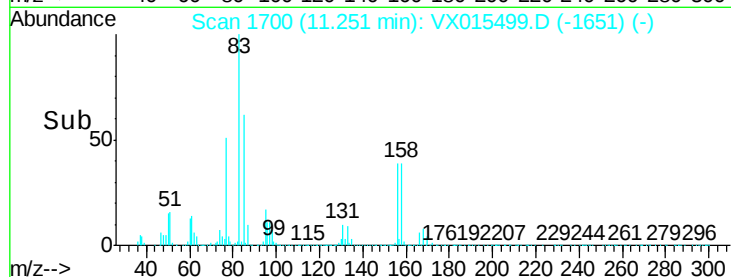
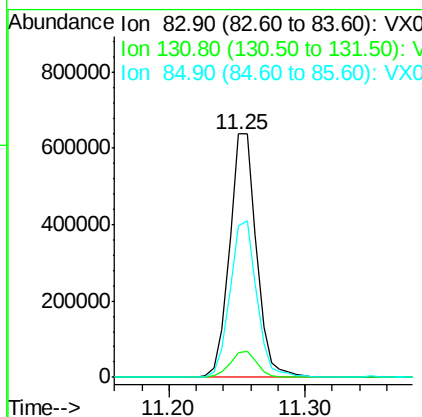
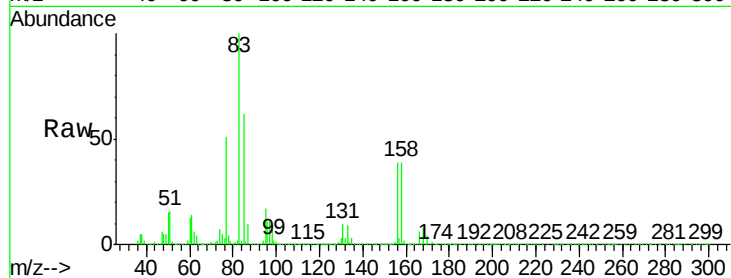
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	871743
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.757 ug/l m

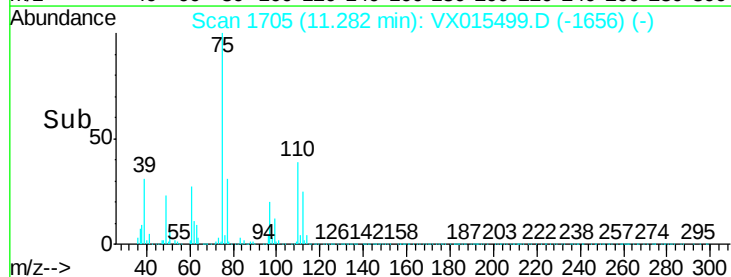
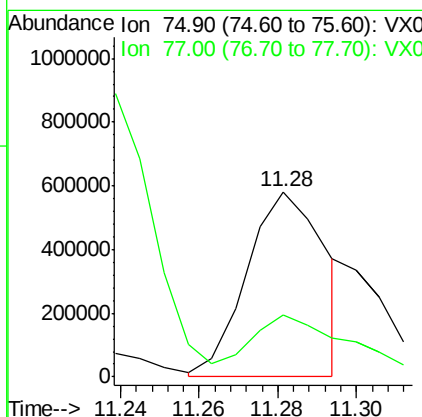
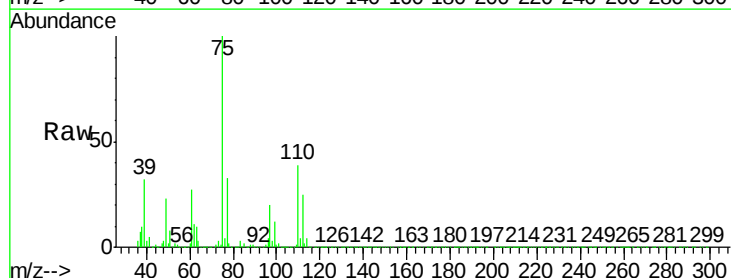
RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion:	75	Resp:	802445
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.2	63.6





#77

Bromobenzene

Concen: 47.125 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

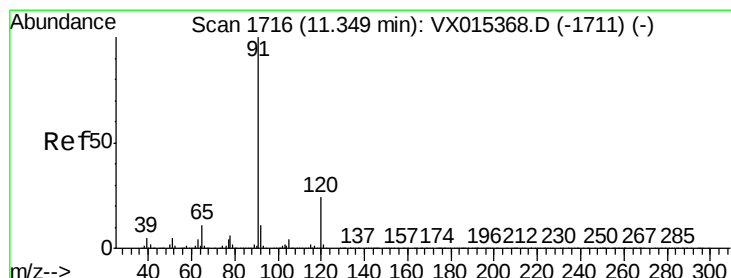
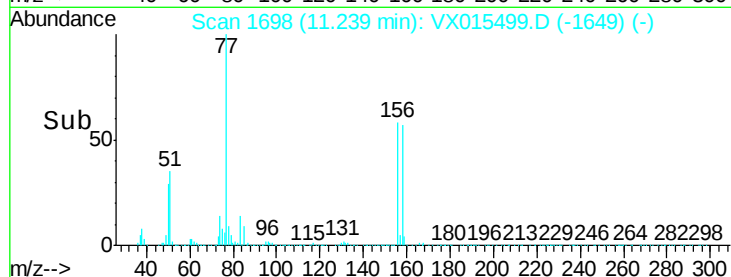
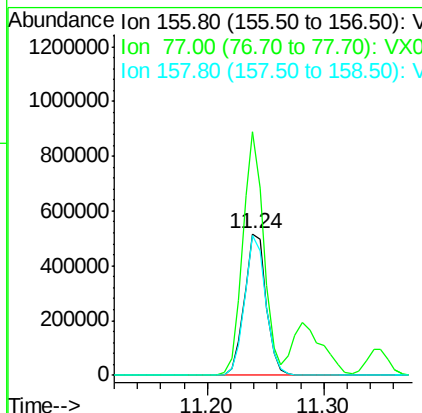
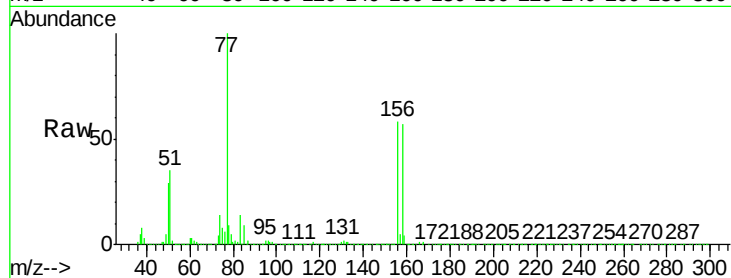
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	672967
Ion Ratio	Lower	Upper	
156	100		
77	165.4	82.2	246.5
158	96.5	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 48.903 ug/l

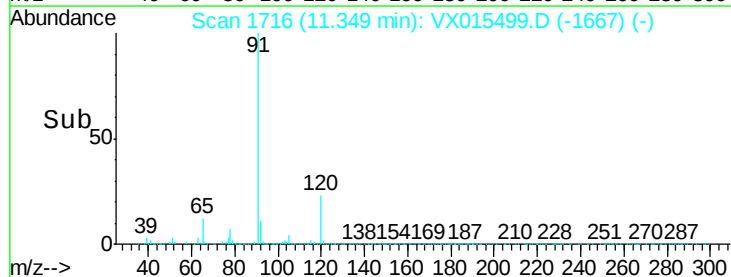
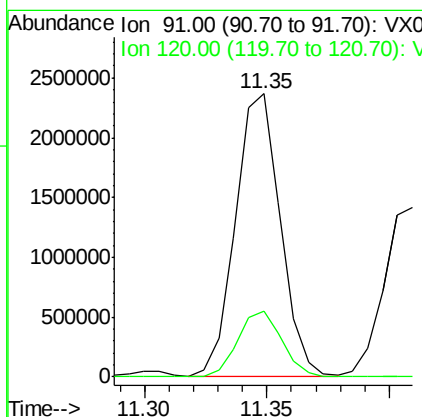
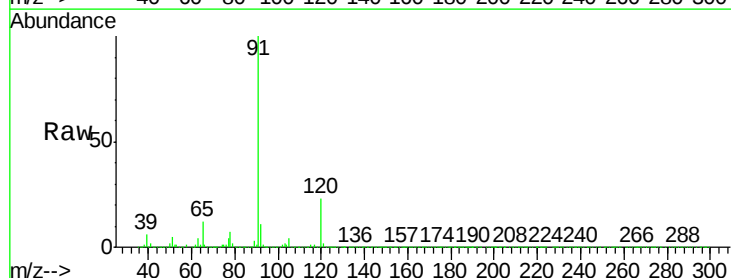
RT: 11.35 min Scan# 1716

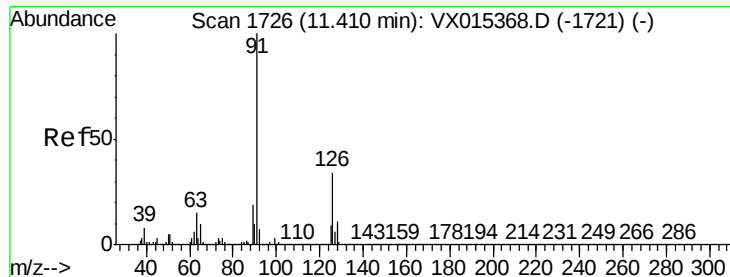
Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Tgt Ion:	91	Resp:	2993727
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





#79

2-Chlorotoluene

Concen: 48.491 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1819504

Ion Ratio Lower Upper

91 100

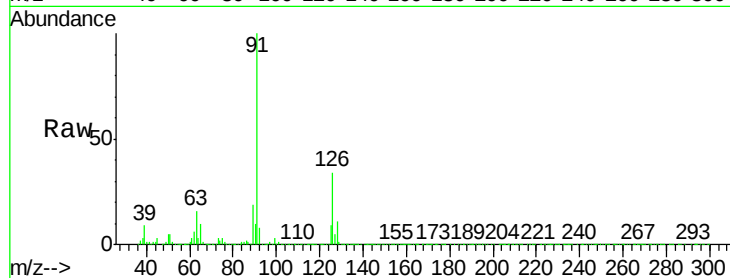
126 33.1 16.5 49.5

Manual Integrations

APPROVED

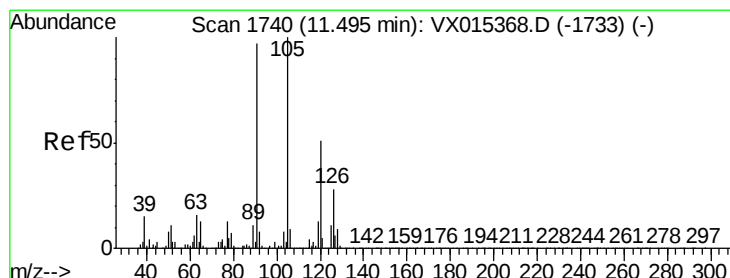
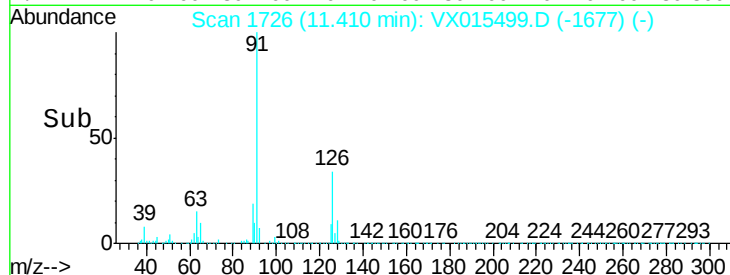
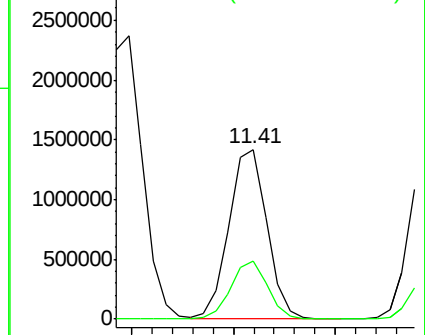
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.431 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015499.D

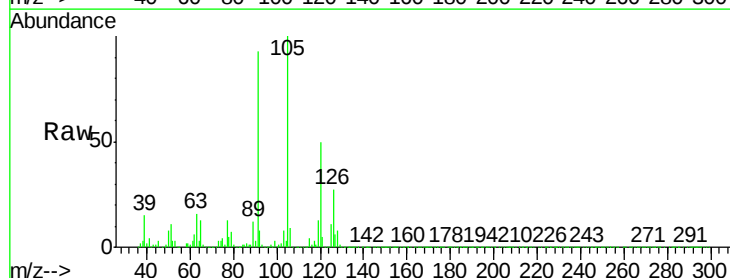
Acq: 02 Apr 2020 21:47

Tgt Ion:105 Resp: 2214384

Ion Ratio Lower Upper

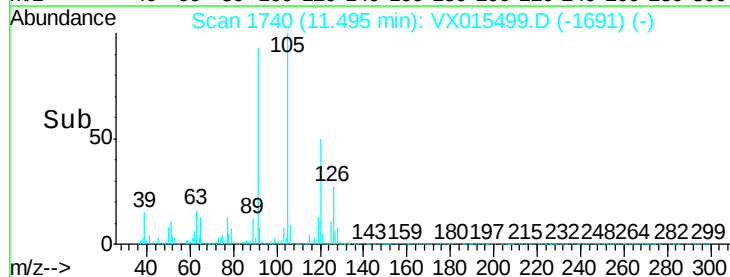
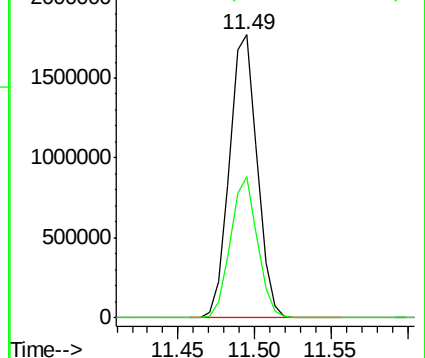
105 100

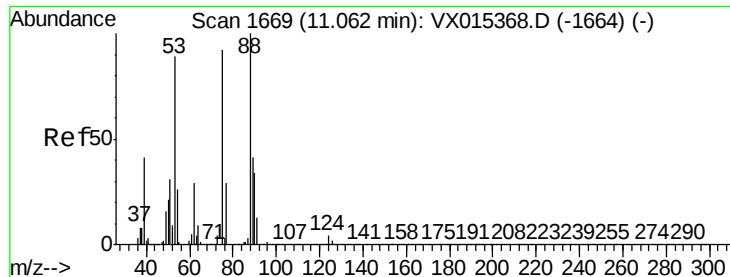
120 48.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





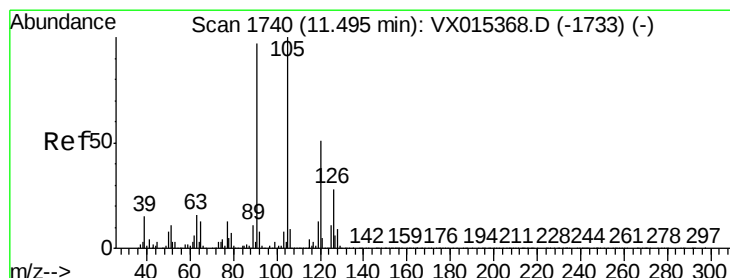
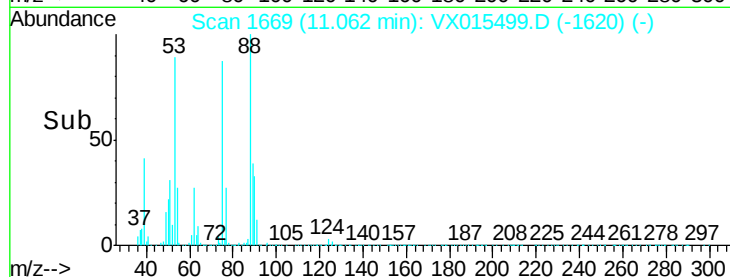
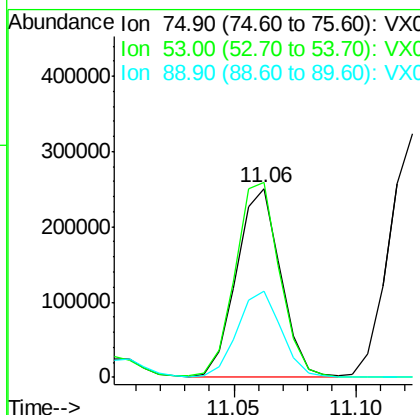
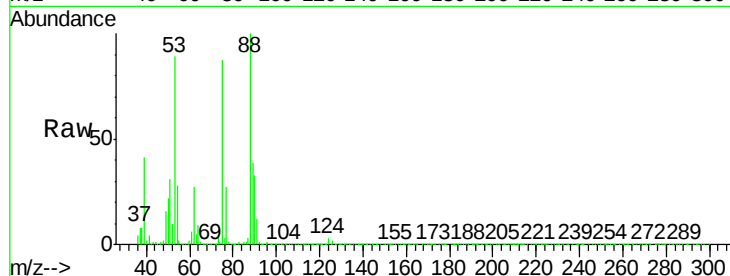
#81
trans-1,4-Dichloro-2-butene
Concen: 44.488 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	80.1	120.1
89	45.7	36.1	54.1

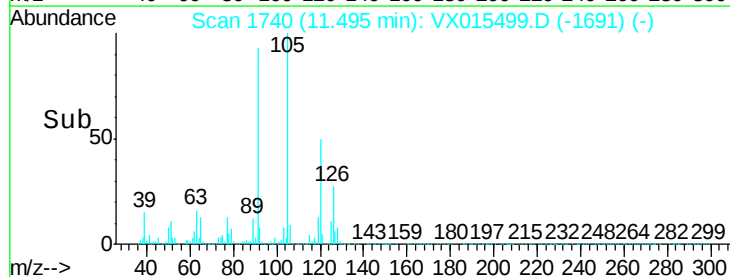
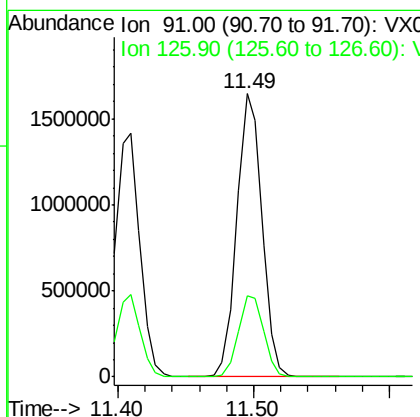
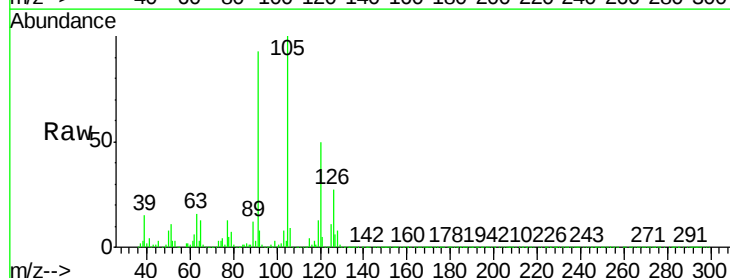
Manual Integrations
APPROVED

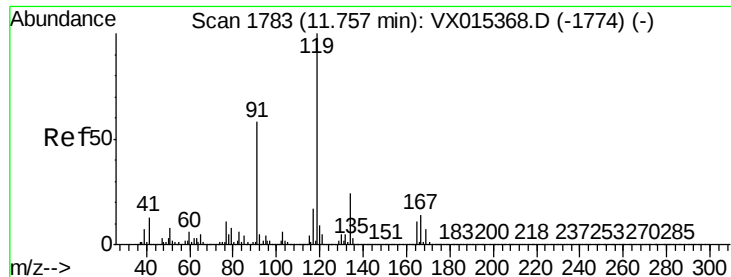
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.011 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.7	44.1





#83

tert-Butylbenzene

Concen: 48.814 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 2180094

Ion Ratio Lower Upper

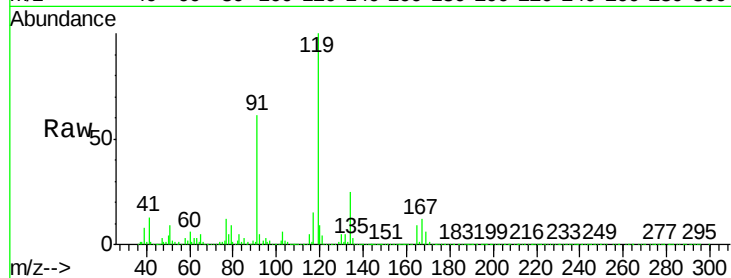
119 100

91 59.3 28.6 85.8

134 23.1 11.8 35.3

Manual Integrations
APPROVED

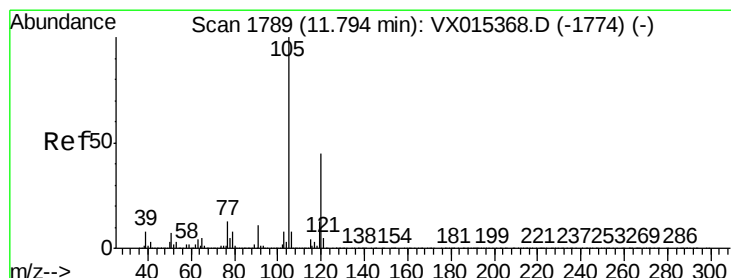
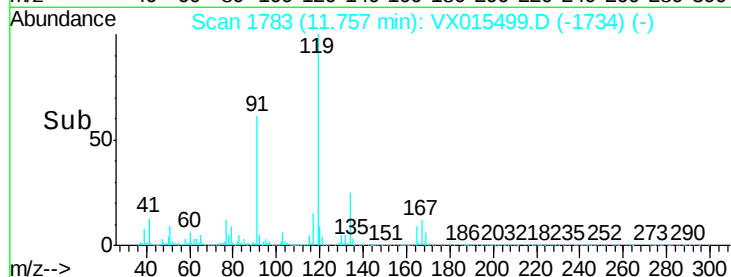
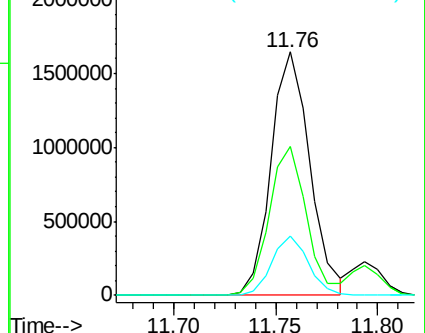
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.440 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015499.D

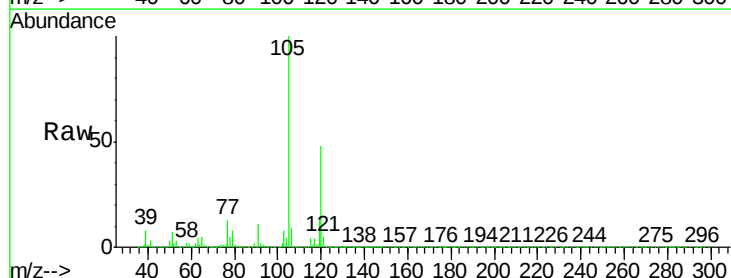
Acq: 02 Apr 2020 21:47

Tgt Ion:105 Resp: 2210369

Ion Ratio Lower Upper

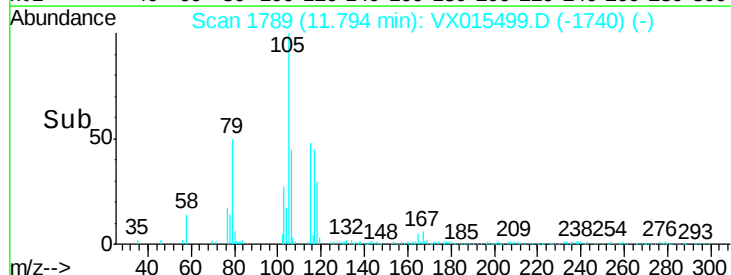
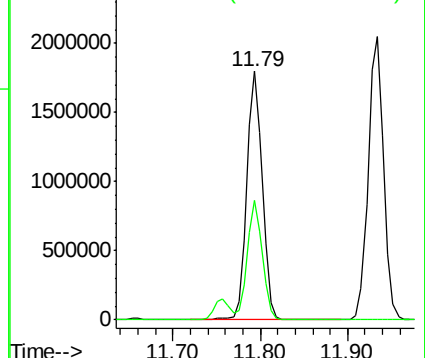
105 100

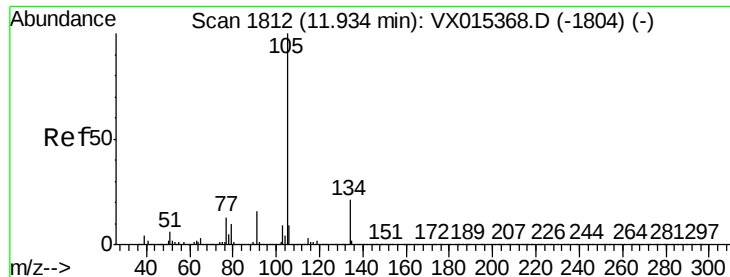
120 46.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.840 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2522703

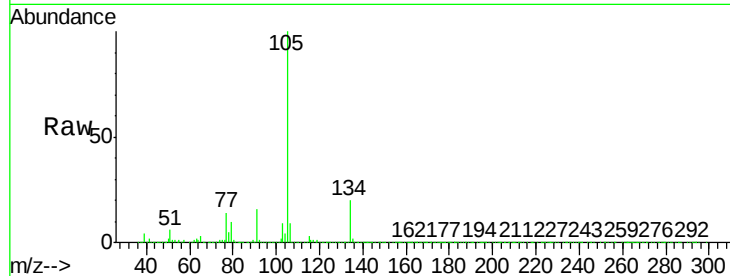
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1

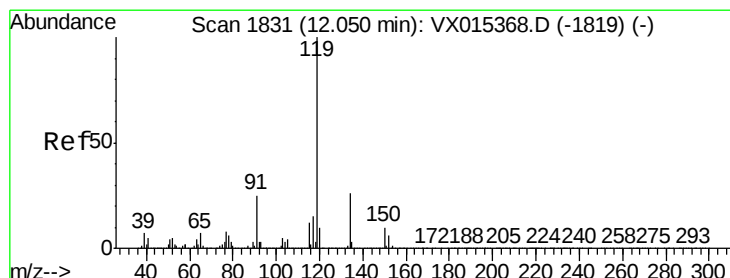
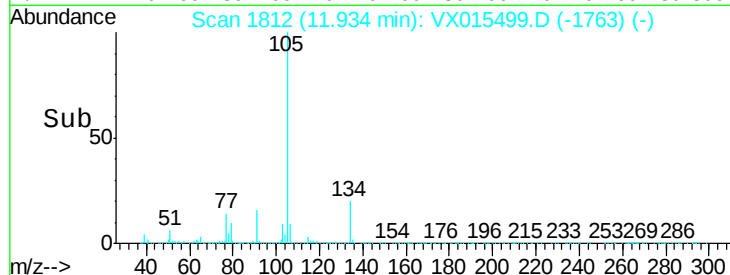
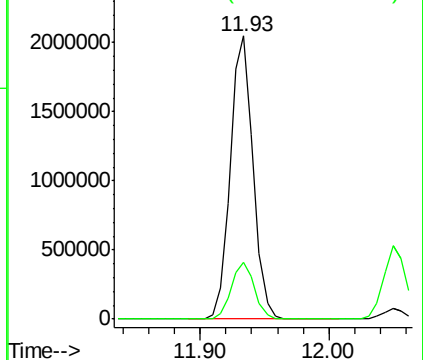
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.686 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015499.D

Acq: 02 Apr 2020 21:47

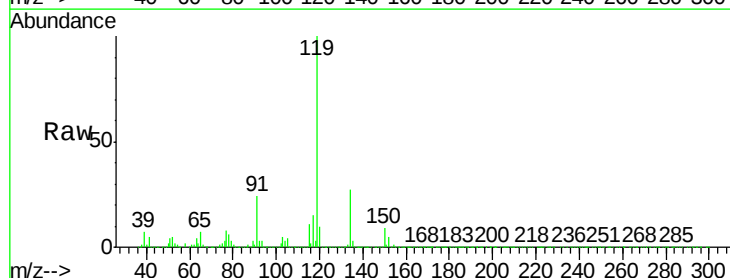
Tgt Ion:119 Resp: 2382537

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

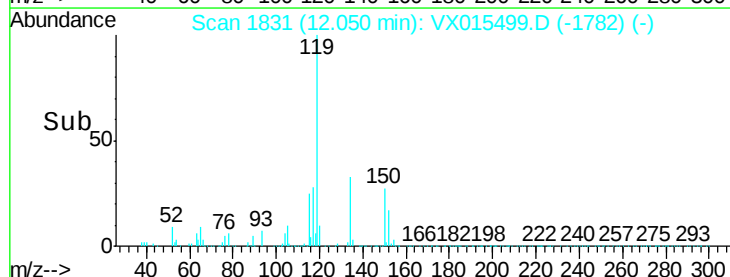
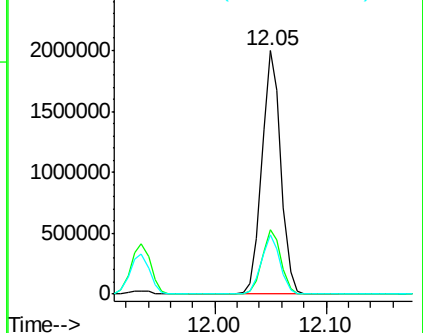
91 24.0 12.4 37.4

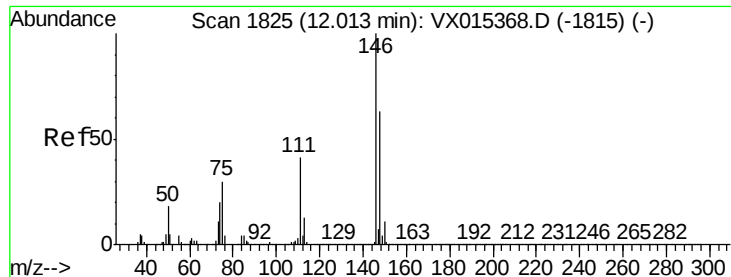


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





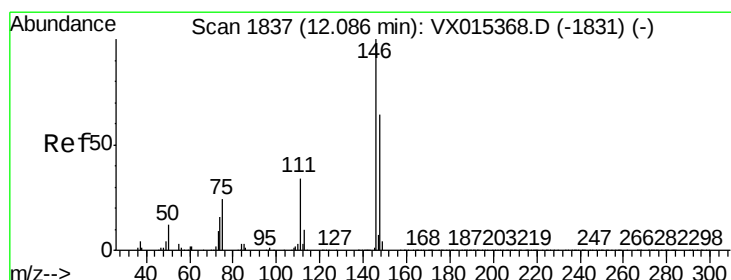
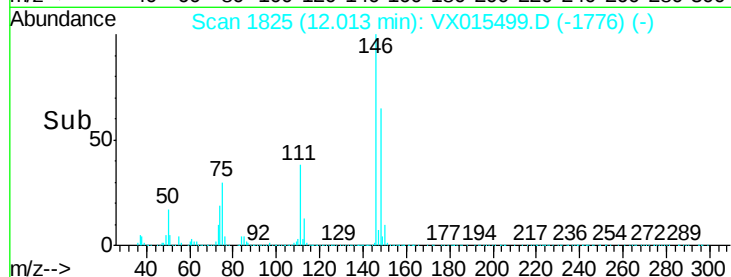
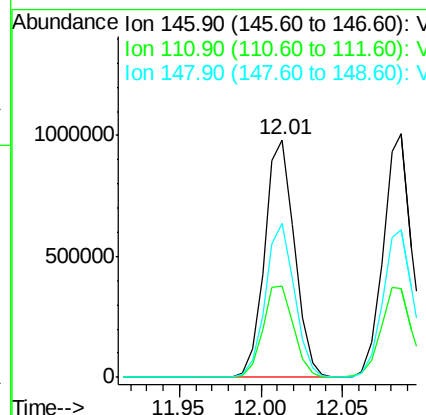
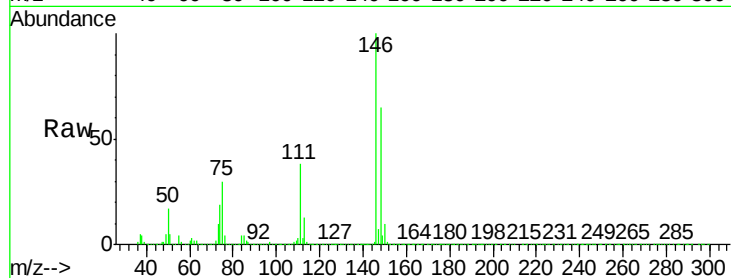
#87
 1,3-Dichlorobenzene
 Concen: 48.520 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.9
148	63.3	31.3	93.9

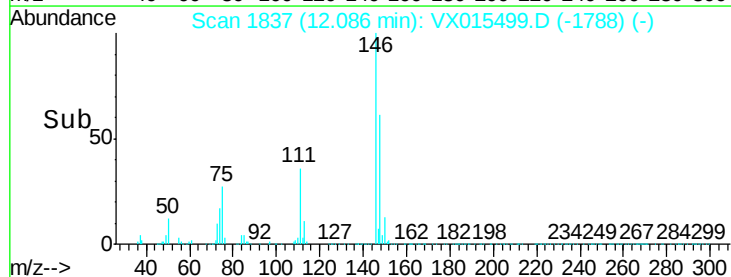
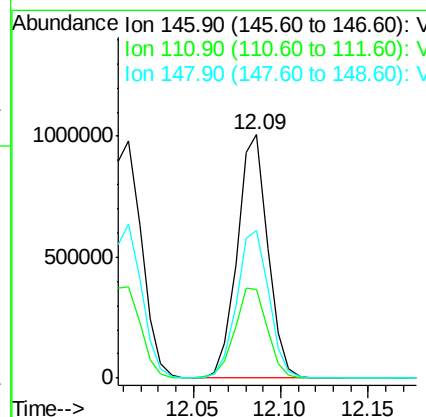
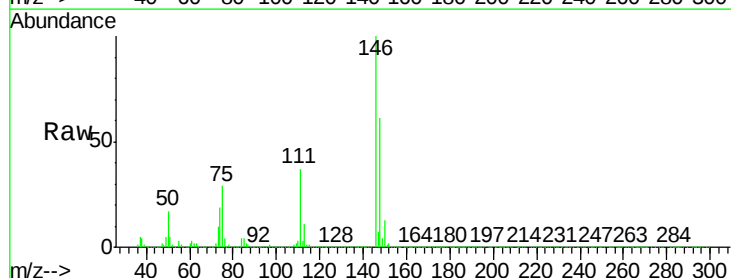
Manual Integrations
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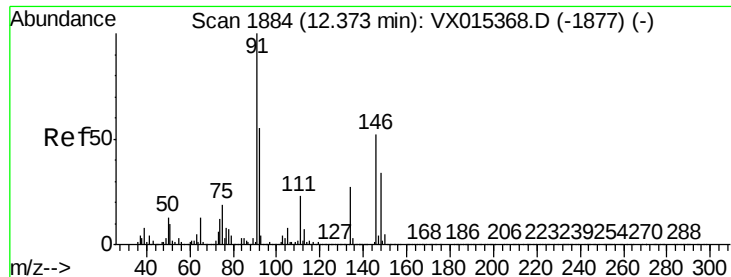
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#88
 1,4-Dichlorobenzene
 Concen: 46.980 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.5
148	63.6	32.4	97.2





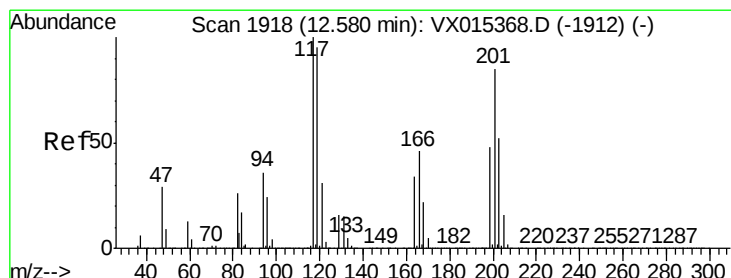
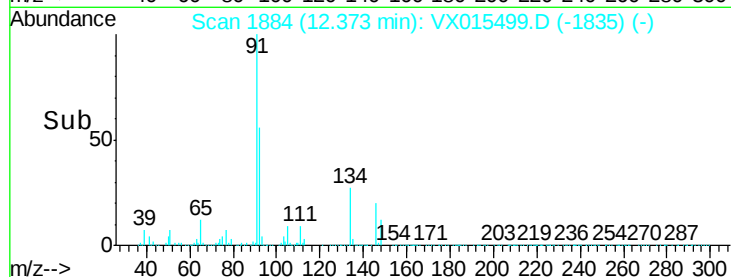
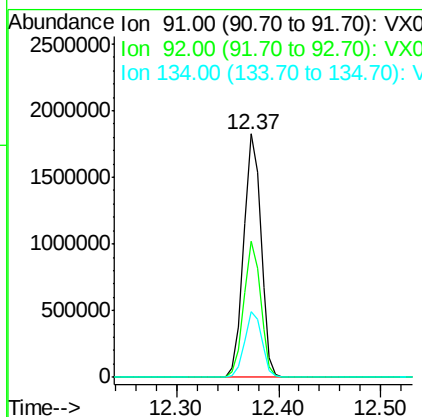
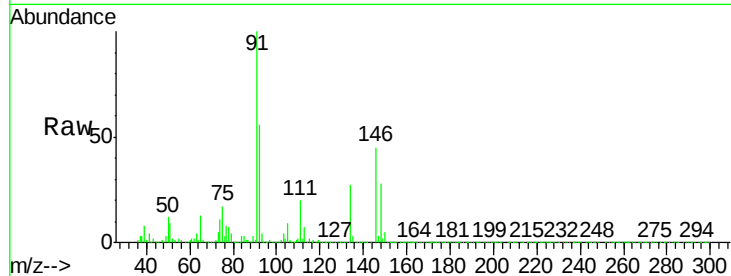
#89
n-Butylbenzene
Concen: 49.216 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.5
134	27.0	13.4	40.2

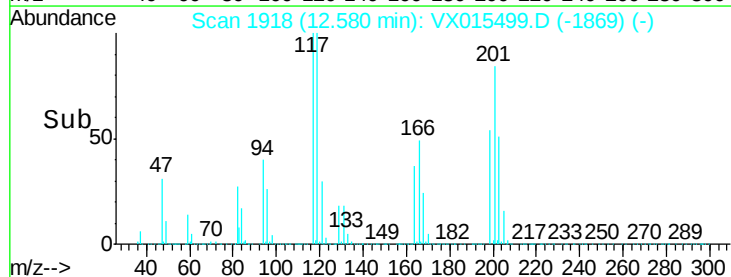
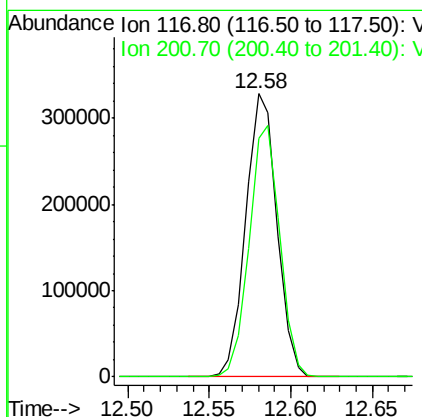
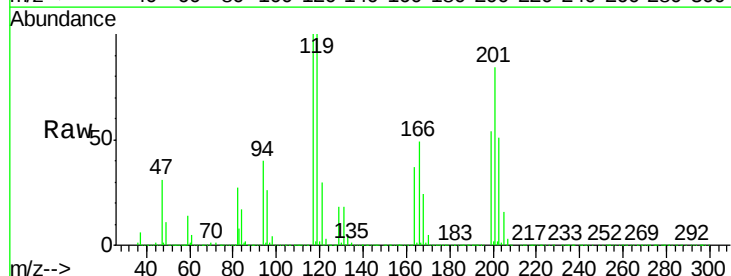
Manual Integrations
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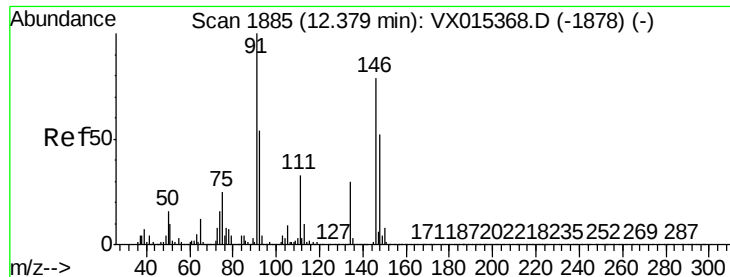
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#90
Hexachloroethane
Concen: 46.800 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	42.6	128.0





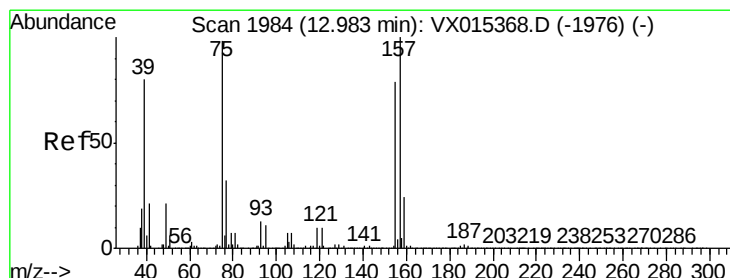
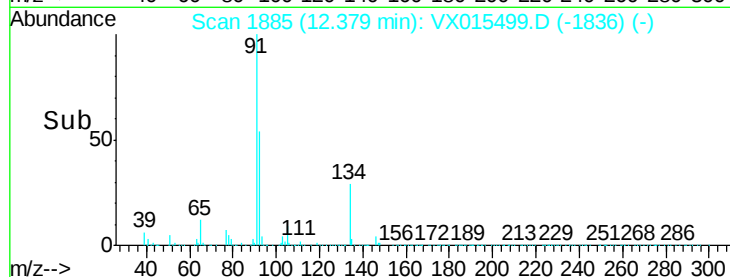
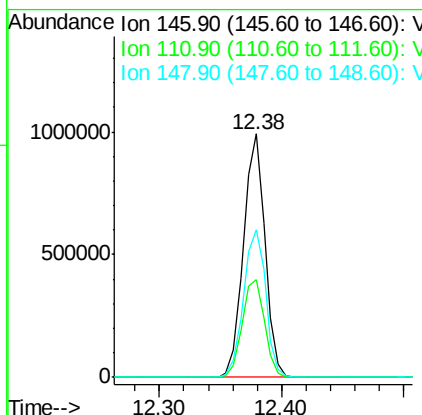
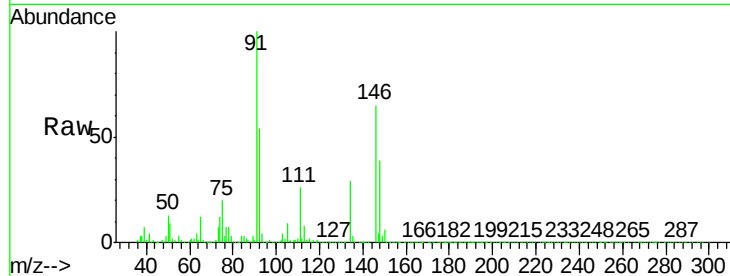
#91
 1,2-Dichlorobenzene
 Concen: 48.039 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.0	63.0
148	62.8	32.4	97.0

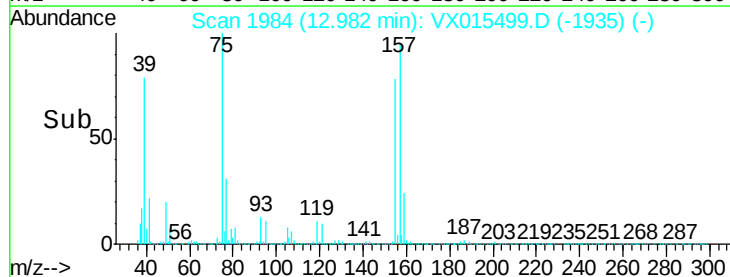
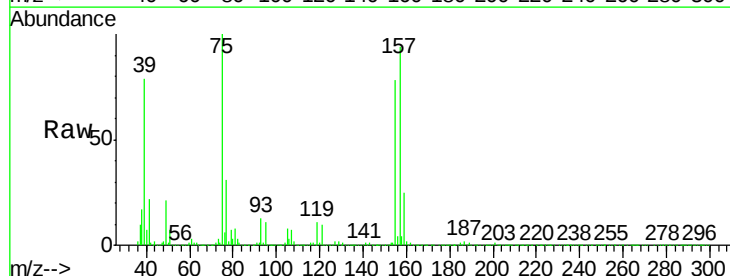
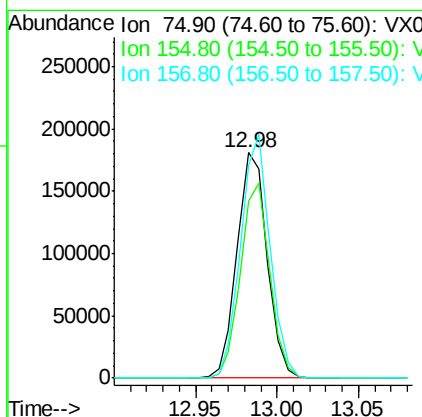
Manual Integrations
 APPROVED

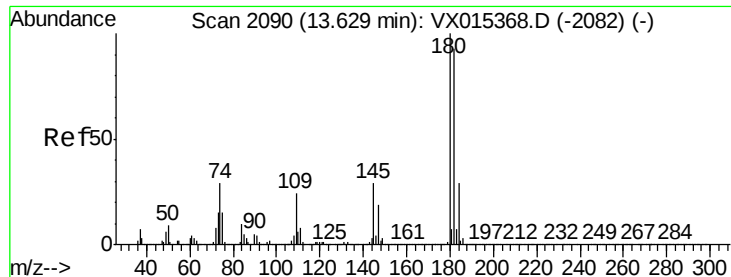
MMDadoda
 4/3/2020 12:36:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.156 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	42.8	128.4
157	105.5	53.4	160.3





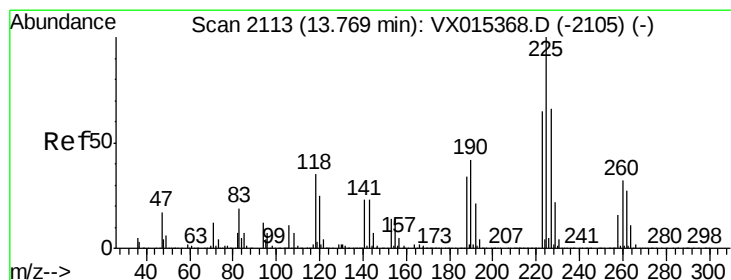
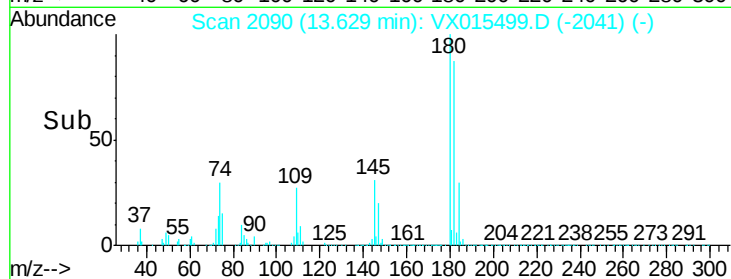
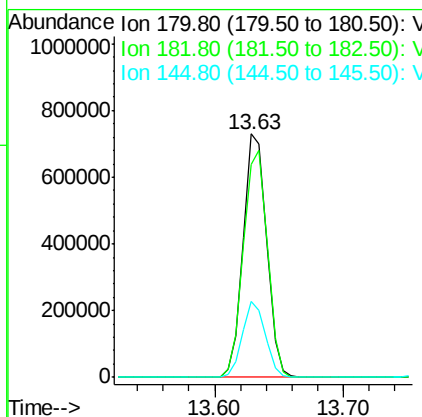
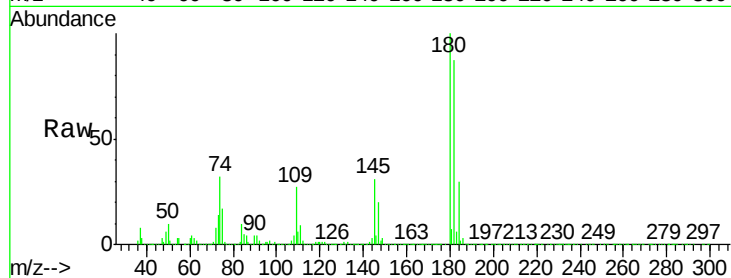
#93
 1,2,4-Trichlorobenzene
 Concen: 46.304 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	46.9	140.7	
145	30.5	14.9	44.5	

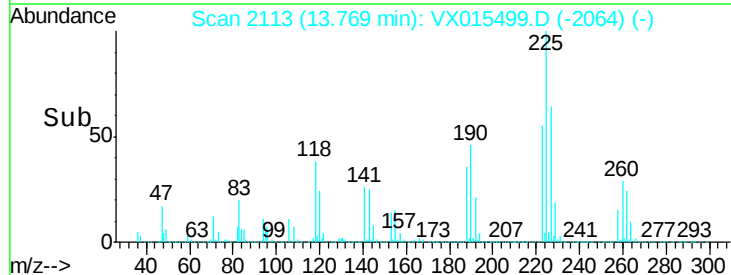
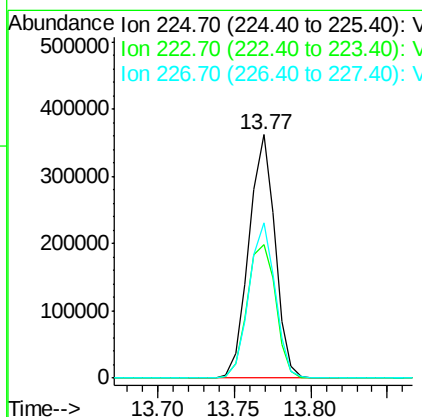
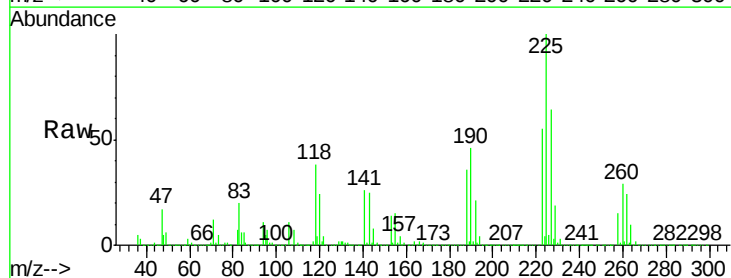
Manual Integrations
 APPROVED

MMDadoda
 4/3/2020 12:36:20 PM



#94
 Hexachlorobutadiene
 Concen: 45.652 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015499.D
 Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.9	31.9	95.7	
227	63.7	30.4	91.3	





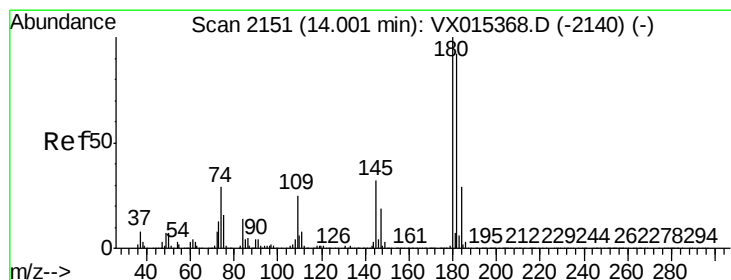
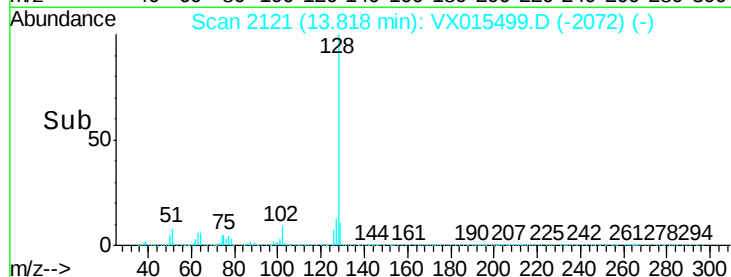
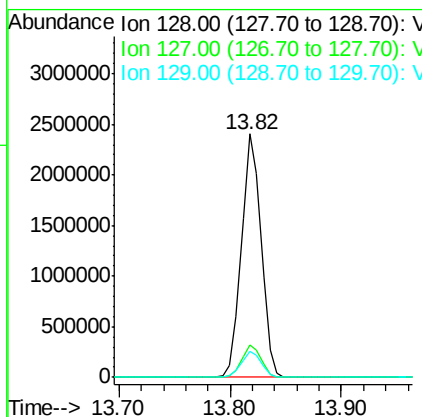
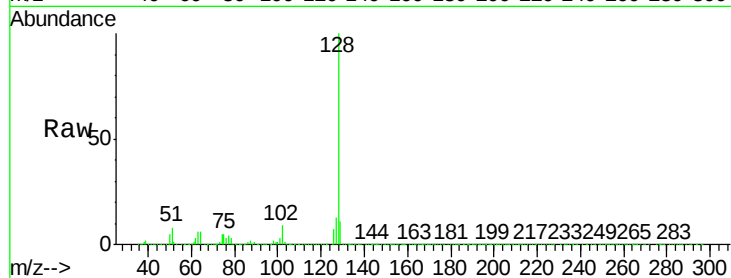
#95
Naphthalene
Concen: 48.752 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/3/2020 12:36:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.356 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015499.D
Acq: 02 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	46.7	140.0
145	32.0	15.8	47.3

