

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015728.D
 Acq On : 16 Apr 2020 21:17
 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
 4/17/2020 11:55:18 AM

Quant Time: Apr 17 08:54:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1017755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1486854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1385909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	772764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	624084	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	5.47	113	498485	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	8.70	98	1837049	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.12	95	733770	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	364203	40.618	ug/l	98
3) Chloromethane	1.31	50	452781	39.652	ug/l	99
4) Vinyl Chloride	1.39	62	465758	44.421	ug/l	98
5) Bromomethane	1.62	94	231255	47.431	ug/l	100
6) Chloroethane	1.70	64	293860	45.189	ug/l	99
7) Trichlorofluoromethane	1.92	101	643719	45.779	ug/l	99
8) Diethyl Ether	2.17	74	266964	45.012	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	432573	47.190	ug/l	96
10) Methyl Iodide	2.49	142	500017	40.458	ug/l	96
11) Tert butyl alcohol	3.01	59	655412	190.760	ug/l	100
12) 1,1-Dichloroethene	2.36	96	424378	44.166	ug/l	99
13) Acrolein	2.27	56	594082	303.540	ug/l	100
14) Allyl chloride	2.71	41	901998	40.175	ug/l	99
15) Acrylonitrile	3.12	53	1428778	218.058	ug/l	99
16) Acetone	2.42	43	1252081	203.031	ug/l	97
17) Carbon Disulfide	2.55	76	1095998	37.391	ug/l	100
18) Methyl Acetate	2.75	43	698247	44.362	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1626666	43.650	ug/l	99
20) Methylene Chloride	2.84	84	502053	43.585	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	470481	44.119	ug/l	99
22) Diisopropyl ether	3.83	45	1751003	44.013	ug/l	95
23) Vinyl Acetate	3.79	43	7638145	212.050	ug/l	100
24) 1,1-Dichloroethane	3.67	63	903605	43.138	ug/l	98
25) 2-Butanone	4.64	43	2060378	207.747	ug/l	100
26) 2,2-Dichloropropane	4.55	77	689706	40.114	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	557970	45.226	ug/l	97
28) Bromochloromethane	4.98	49	432867	43.282	ug/l	92
29) Tetrahydrofuran	5.09	42	1322290	207.390	ug/l	97
30) Chloroform	5.18	83	898799	44.599	ug/l	96
31) Cyclohexane	5.55	56	774915	42.645	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	806666	44.230	ug/l	99
36) 1,1-Dichloropropene	5.77	75	664209	48.483	ug/l	98
37) Ethyl Acetate	4.80	43	803000	45.016	ug/l	100
38) Carbon Tetrachloride	5.76	117	708616	47.756	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	761624	48.217	ug/l	98
40) Benzene	6.12	78	1963212	48.921	ug/l	99
41) Methacrylonitrile	5.00	41	457421	46.194	ug/l	98
42) 1,2-Dichloroethane	6.17	62	754780	46.824	ug/l	98
43) Isopropyl Acetate	6.42	43	1368930	45.461	ug/l	99
44) Trichloroethene	7.19	130	563046	51.446	ug/l	94
45) 1,2-Dichloropropane	7.49	63	531684	48.432	ug/l	98
46) Dibromomethane	7.64	93	348872	48.446	ug/l	93
47) Bromodichloromethane	7.88	83	732946	47.766	ug/l	95
48) Methyl methacrylate	7.75	41	674000	44.811	ug/l	95
49) 1,4-Dioxane	7.72	88	276602	985.802	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4077218	238.919	ug/l	99
52) Toluene	8.77	92	1260694	50.955	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	810053	45.012	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	865954	47.237	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	522901	51.585	ug/l	98
56) Ethyl methacrylate	9.16	69	859133	48.092	ug/l	95
57) 1,3-Dichloropropane	9.36	76	895470	49.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2126490	244.723	ug/l	97
59) 2-Hexanone	9.48	43	3079507	239.019	ug/l	97
60) Dibromochloromethane	9.57	129	596857	49.001	ug/l	98
61) 1,2-Dibromoethane	9.65	107	556142	50.458	ug/l	100
64) Tetrachloroethene	9.32	164	543255	51.941	ug/l	97
65) Chlorobenzene	10.12	112	1402513	50.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	556530	50.401	ug/l	99
67) Ethyl Benzene	10.24	91	2452966	50.039	ug/l	98
68) m/p-Xylenes	10.34	106	1886185	103.332	ug/l	95
69) o-Xylene	10.68	106	910305	50.467	ug/l	98
70) Styrene	10.70	104	1591071	50.128	ug/l	98
71) Bromoform	10.84	173	499694	49.711	ug/l #	99
73) Isopropylbenzene	11.00	105	2441222	48.214	ug/l	98
74) N-amyl acetate	10.88	43	1167404	41.454	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	788924	45.408	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	734201m	46.202	ug/l	
77) Bromobenzene	11.24	156	669472	49.569	ug/l	93
78) n-propylbenzene	11.34	91	2742739	47.372	ug/l	99
79) 2-Chlorotoluene	11.40	91	1648931	46.466	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2070025	47.870	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	264943	40.004	ug/l	99
82) 4-Chlorotoluene	11.49	91	1950189	46.878	ug/l	98
83) tert-Butylbenzene	11.76	119	2096195	49.628	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2092261	47.480	ug/l	98
85) sec-Butylbenzene	11.93	105	2415038	49.438	ug/l	100
86) p-Isopropyltoluene	12.05	119	2258533	49.802	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1205302	49.851	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	1210239	49.142	ug/l	99
89) n-Butylbenzene	12.37	91	1983484	48.399	ug/l	99
90) Hexachloroethane	12.58	117	390903	44.286	ug/l	86
91) 1,2-Dichlorobenzene	12.38	146	1199411	50.691	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	190458	38.839	ug/l	87

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	971685	51.917	ug/l	96
94) Hexachlorobutadiene	13.76	225	486068	54.548	ug/l	95
95) Naphthalene	13.82	128	2747981	48.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	989752	54.926	ug/l	99

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

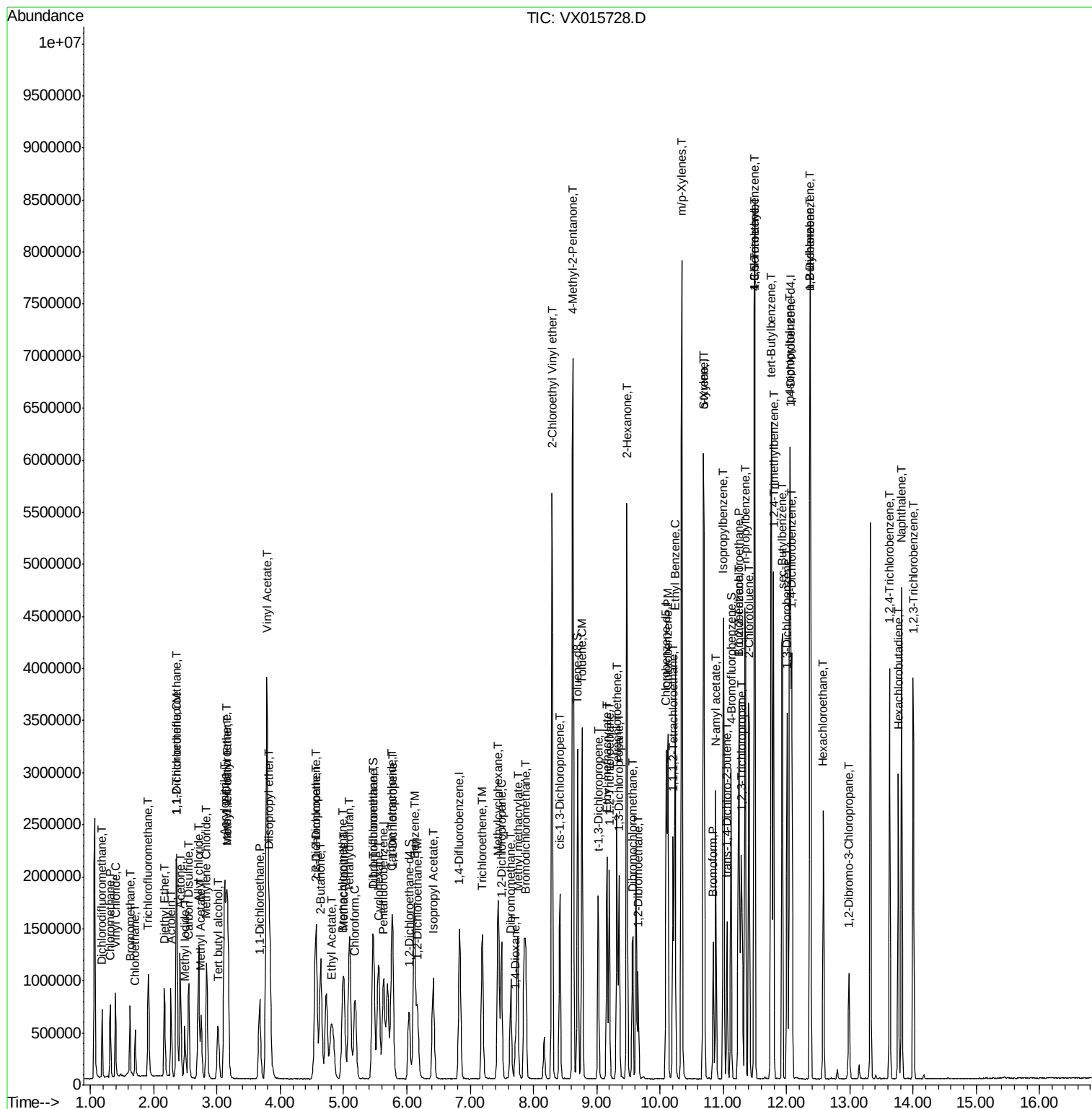
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015728.D
 Acq On : 16 Apr 2020 21:17
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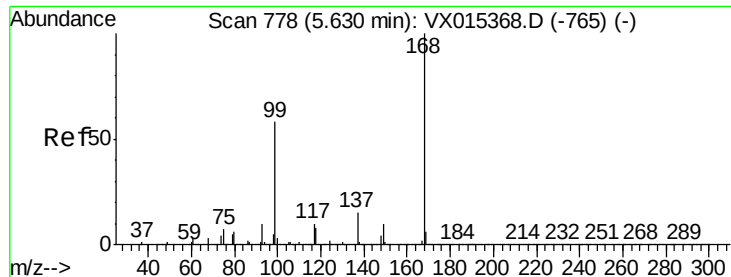
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

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#1

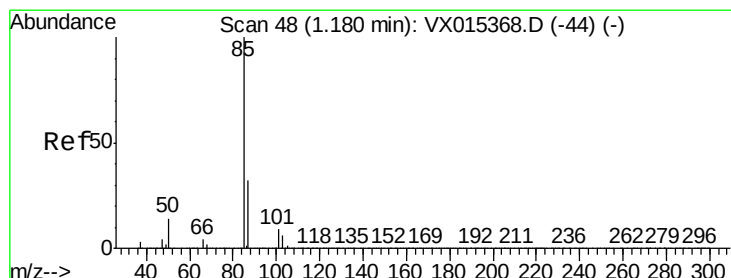
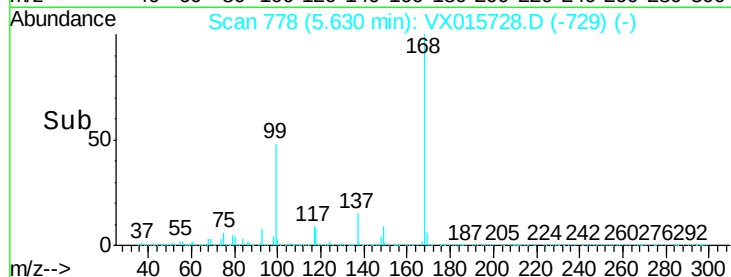
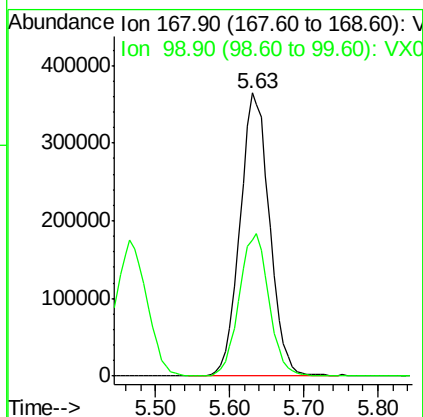
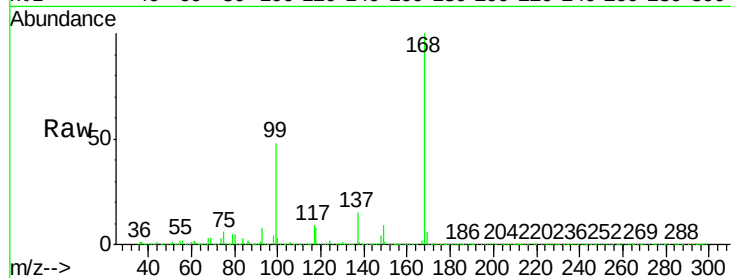
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.2	46.4	69.6

Manual Integrations
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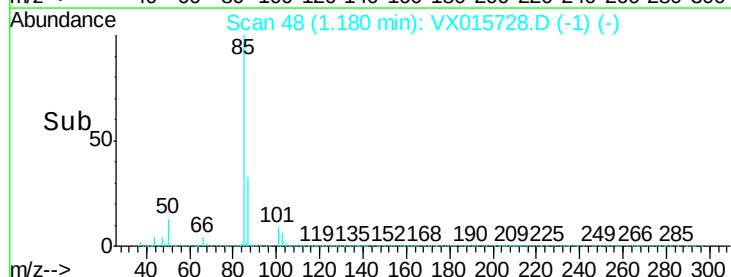
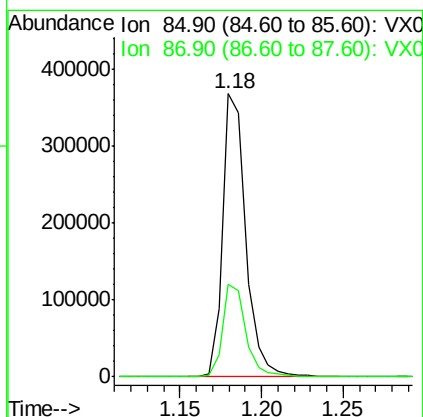
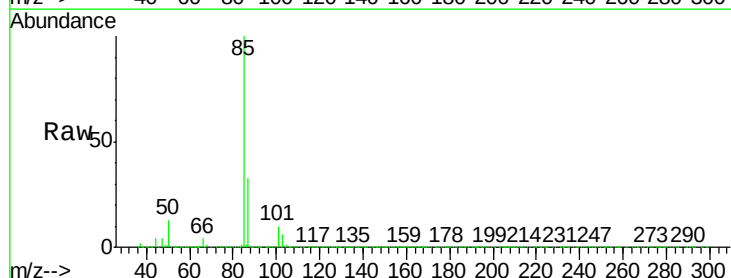
MMDadoda
 4/17/2020 11:55:18 AM

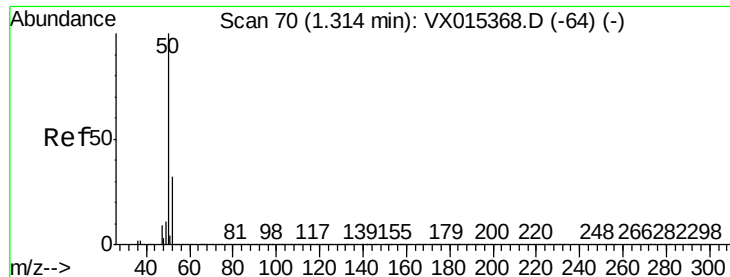


#2

Dichlorodifluoromethane
 Concen: 40.618 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.0	47.9





#3

Chloromethane

Concen: 39.652 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 452781

Ion Ratio Lower Upper

50 100

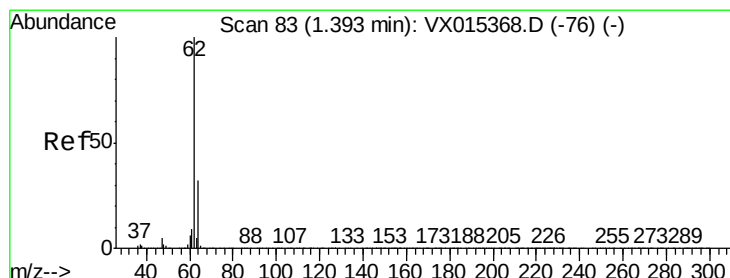
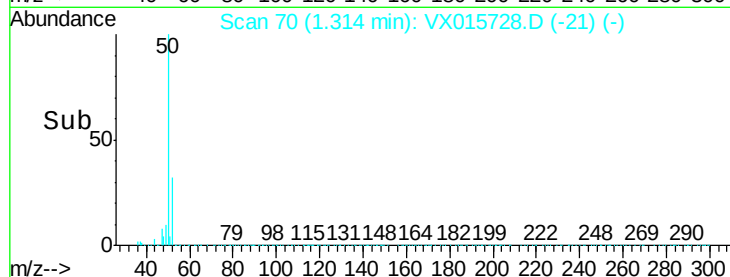
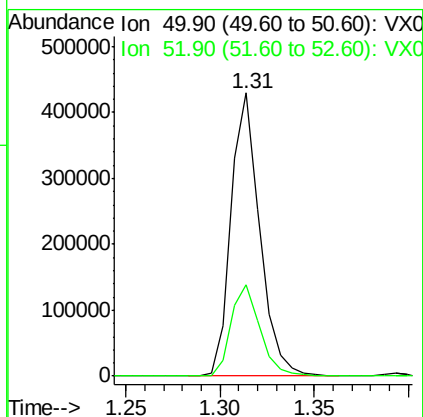
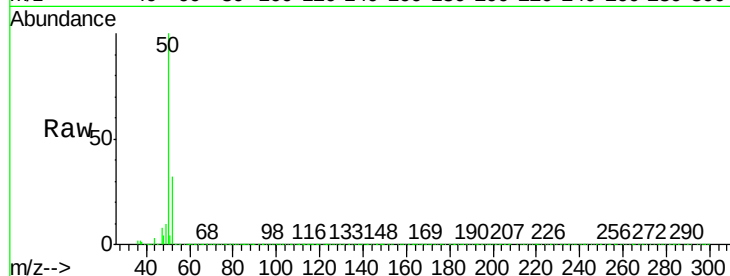
52 32.3 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.421 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015728.D

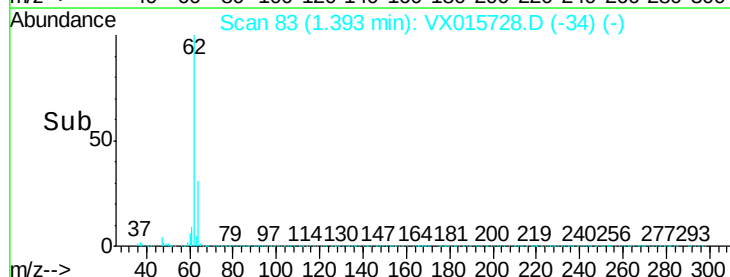
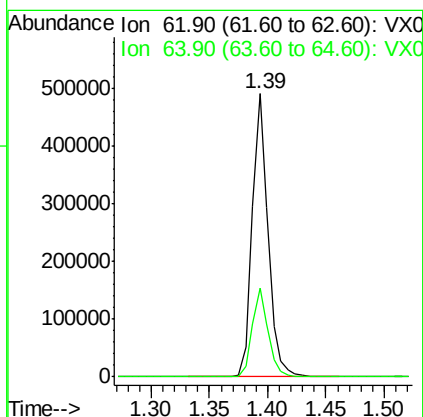
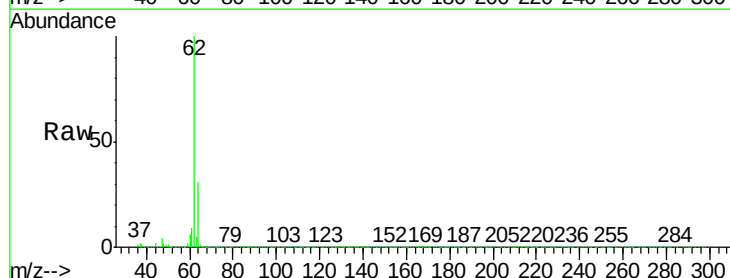
Acq: 16 Apr 2020 21:17

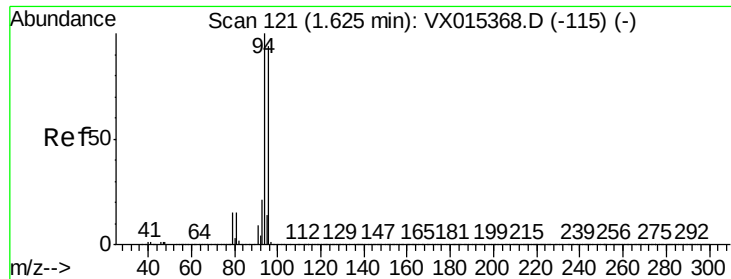
Tgt Ion: 62 Resp: 465758

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 47.431 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 231255

Ion Ratio Lower Upper

94 100

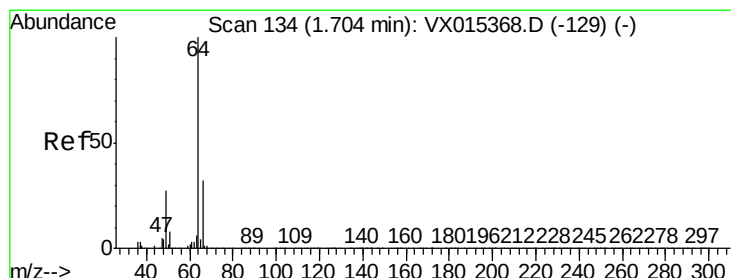
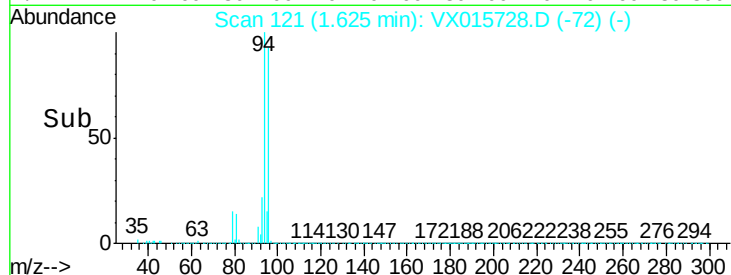
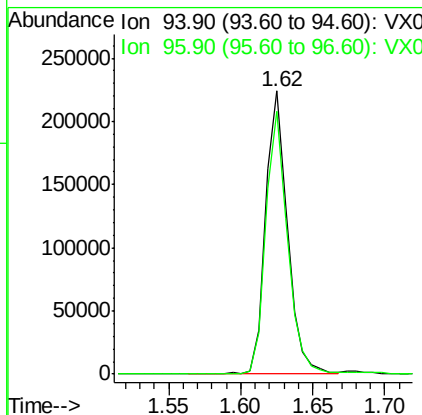
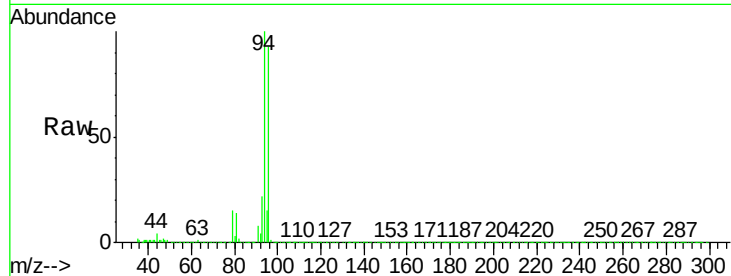
96 93.2 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 45.189 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015728.D

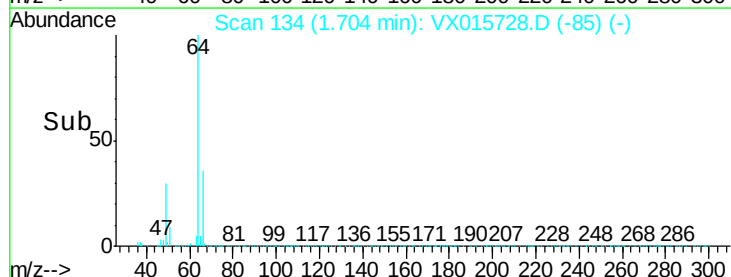
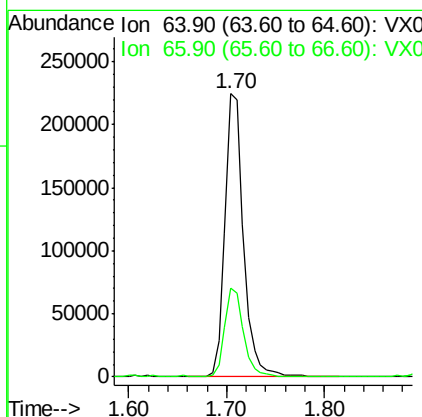
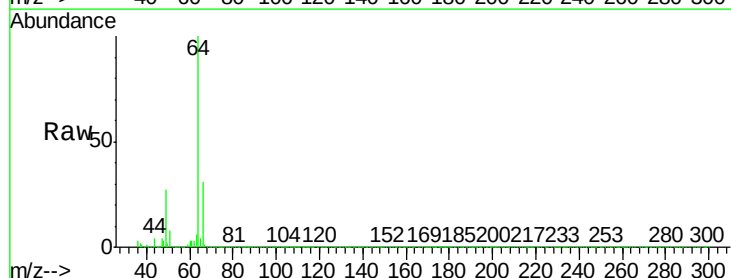
Acq: 16 Apr 2020 21:17

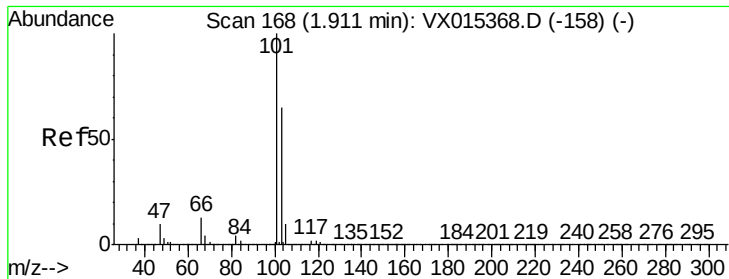
Tgt Ion: 64 Resp: 293860

Ion Ratio Lower Upper

64 100

66 31.2 25.4 38.2





#7

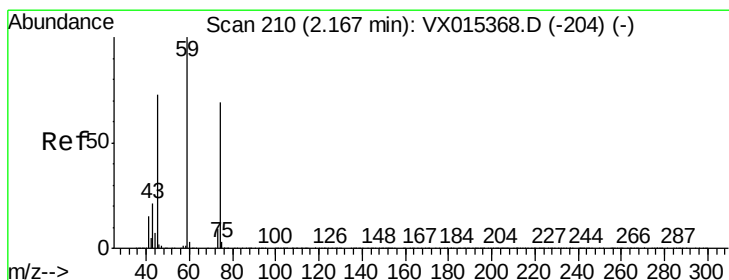
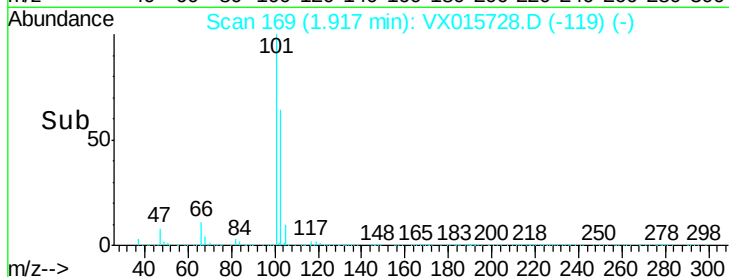
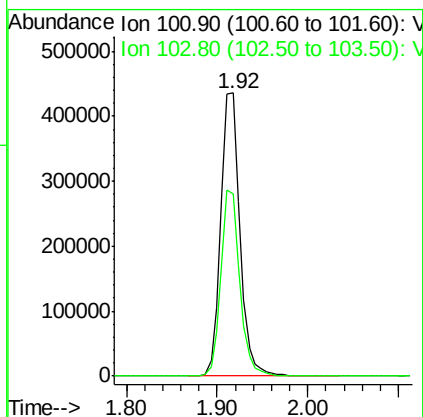
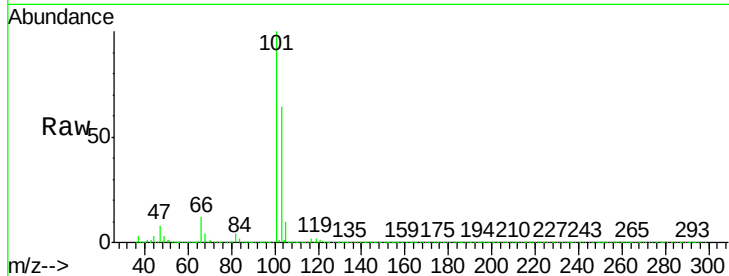
Trichlorofluoromethane
Concen: 45.779 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.3	78.5

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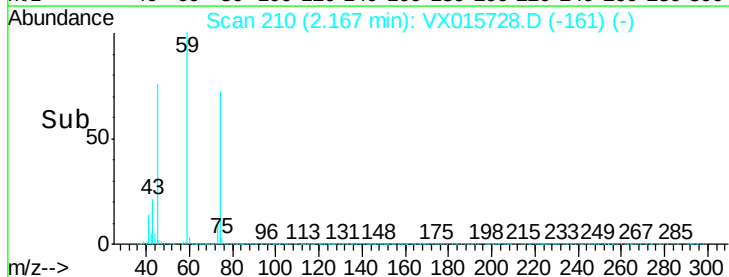
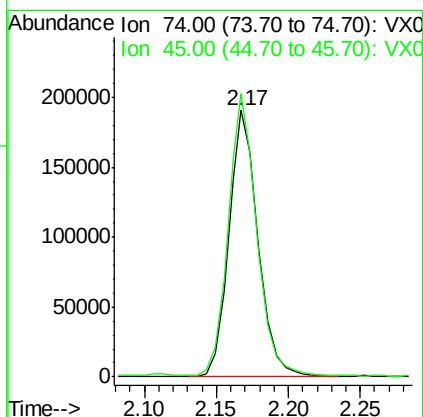
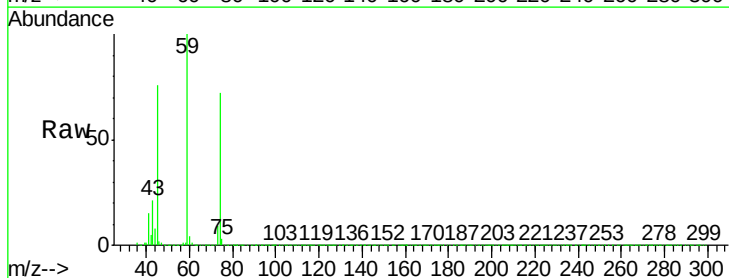
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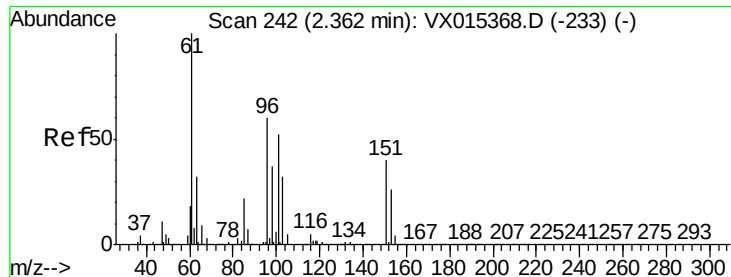


#8

Diethyl Ether
Concen: 45.012 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.190 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

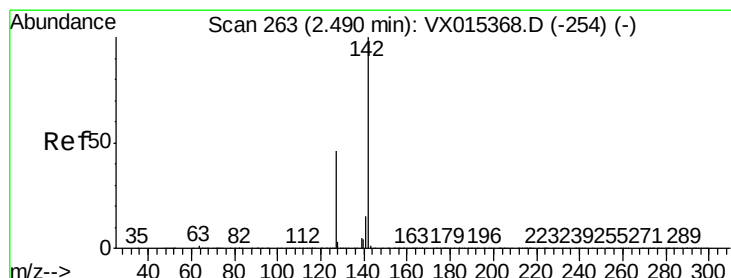
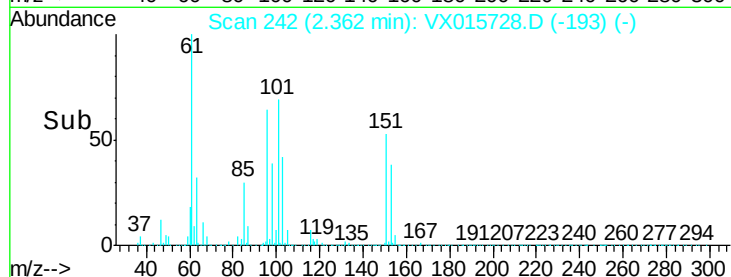
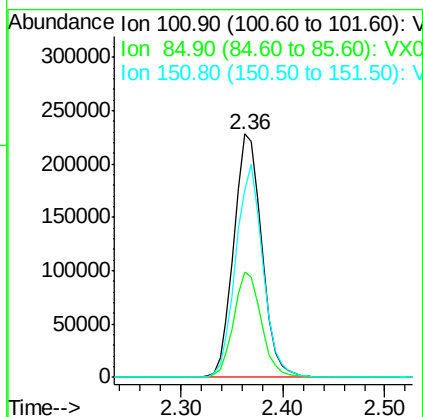
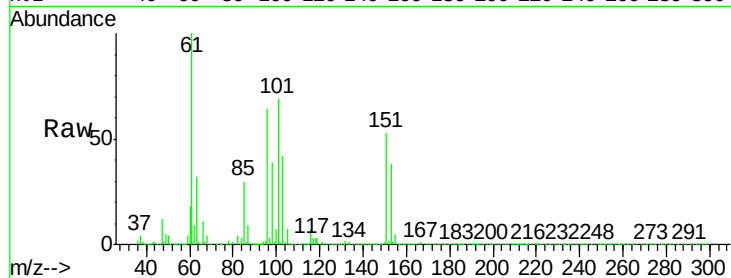
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	432573
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.0	52.4
151	84.6	64.1	96.1

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#10

Methyl Iodide

Concen: 40.458 ug/l

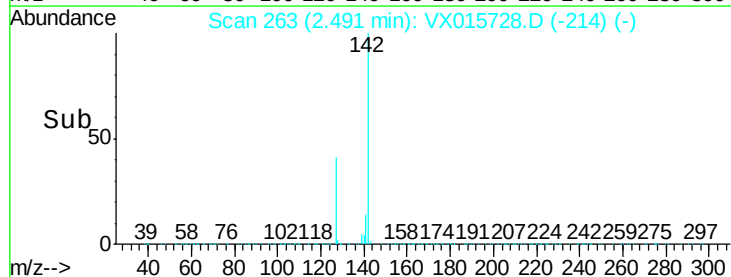
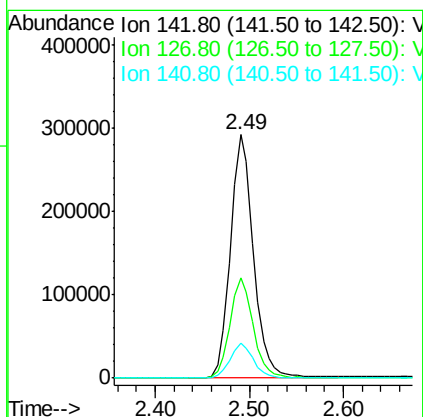
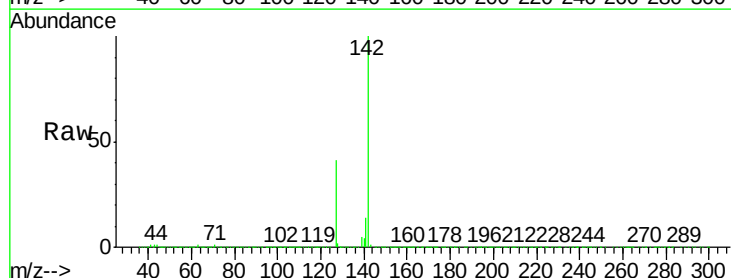
RT: 2.49 min Scan# 263

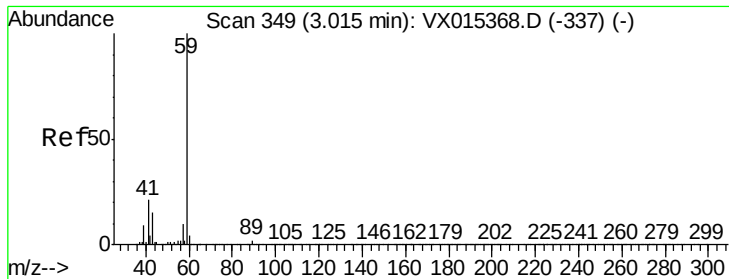
Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion:	142	Resp:	500017
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.9	53.9
141	14.5	11.6	17.4





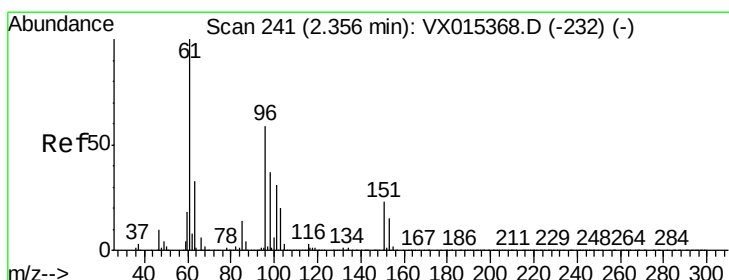
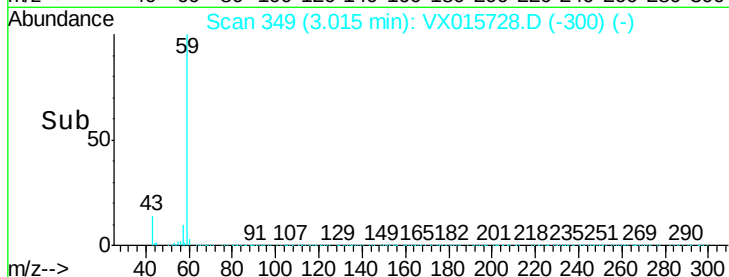
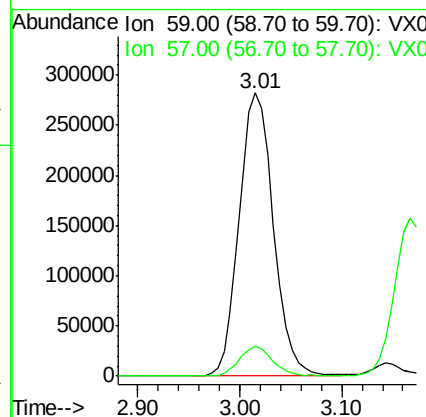
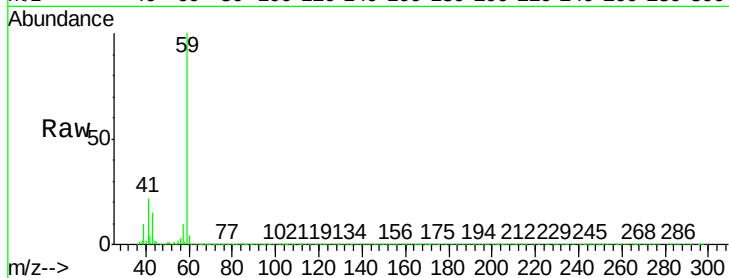
#11
Tert butyl alcohol
Concen: 190.760 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.1	12.1

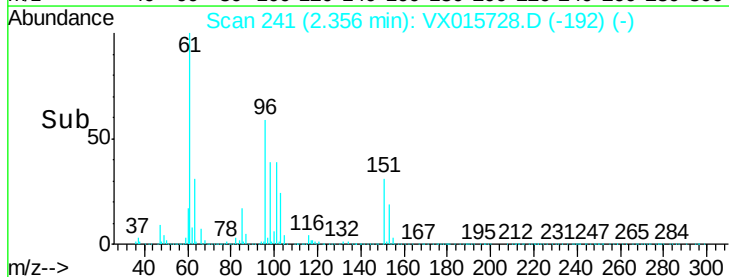
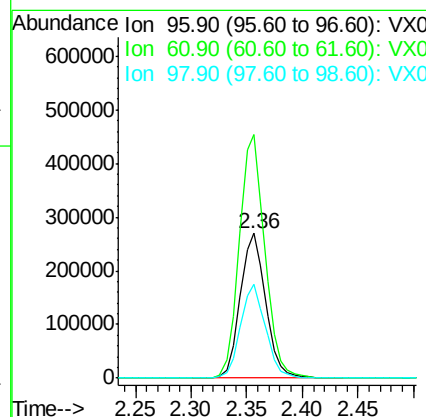
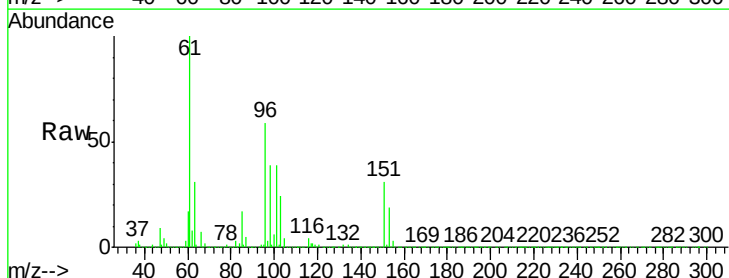
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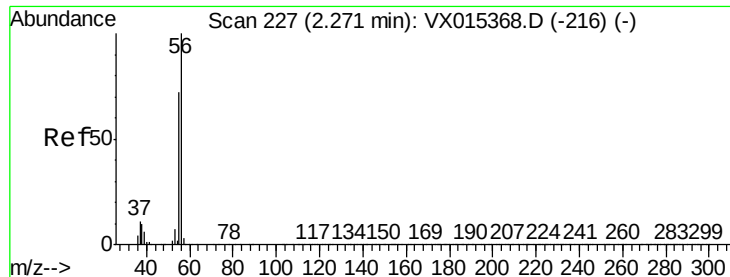
MMDadoda
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#12
1,1-Dichloroethene
Concen: 44.166 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	135.7	203.5
98	65.0	50.6	75.8





#13

Acrolein

Concen: 303.540 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 594082

Ion Ratio Lower Upper

56 100

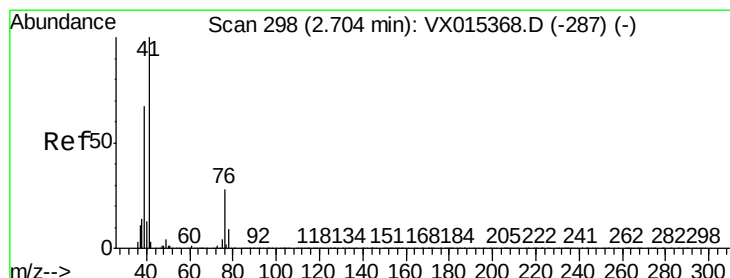
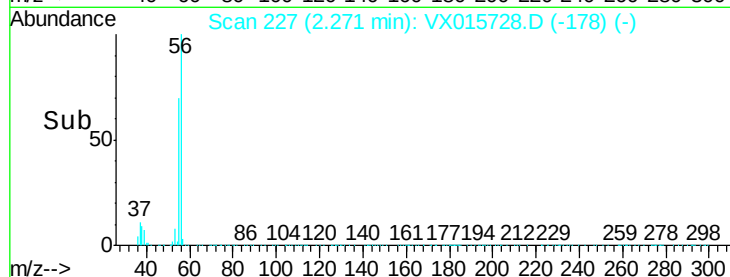
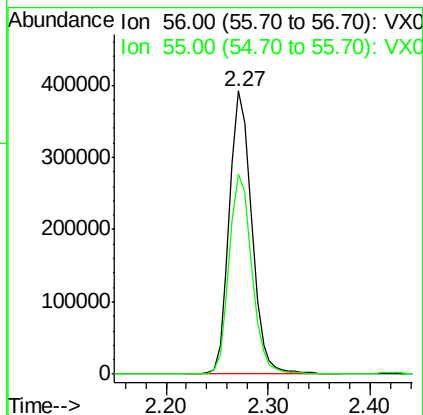
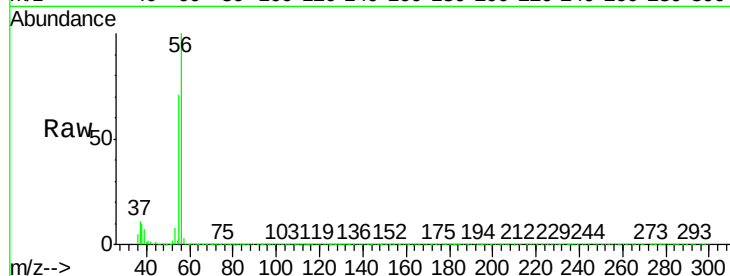
55 70.9 57.0 85.4

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#14

Allyl chloride

Concen: 40.175 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

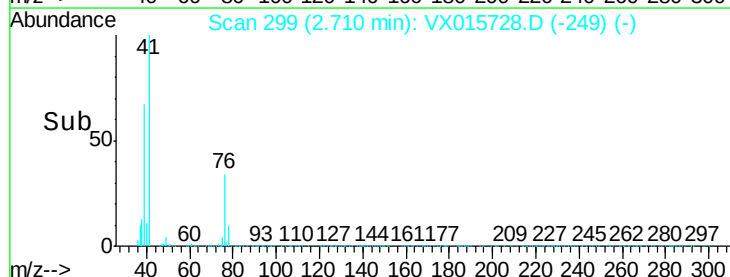
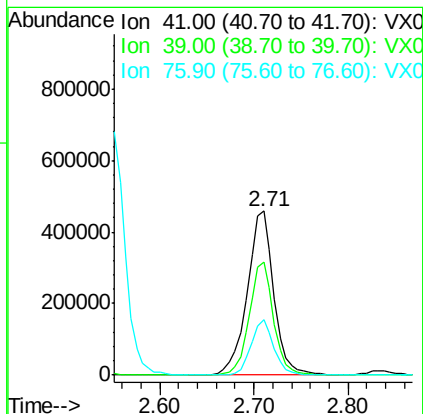
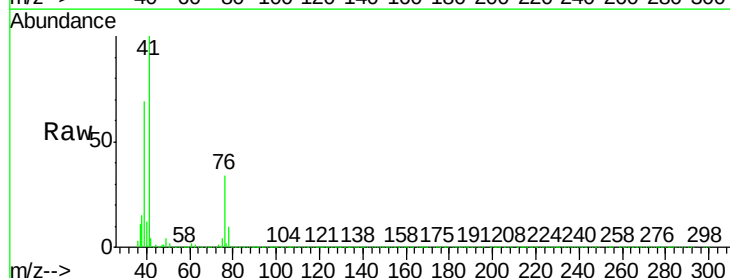
Tgt Ion: 41 Resp: 901998

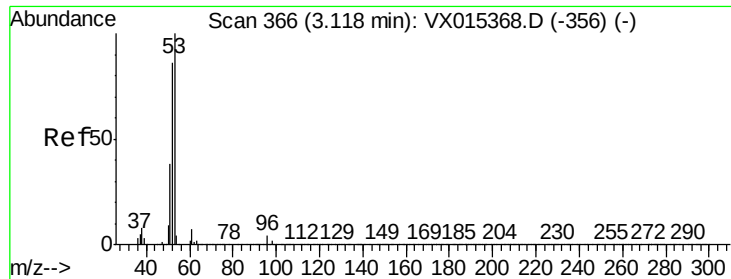
Ion Ratio Lower Upper

41 100

39 64.0 51.4 77.0

76 29.1 21.8 32.8





#15

Acrylonitrile

Concen: 218.058 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1428778

Ion Ratio Lower Upper

53 100

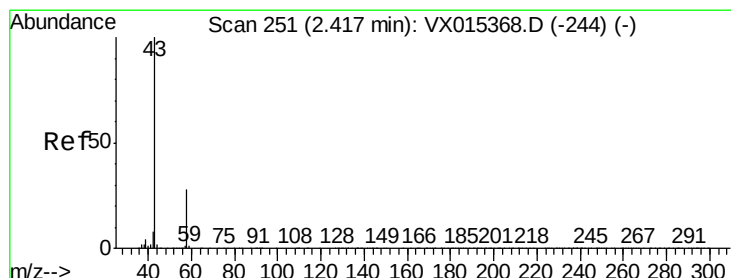
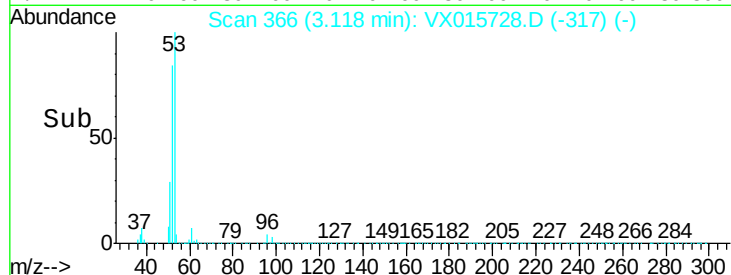
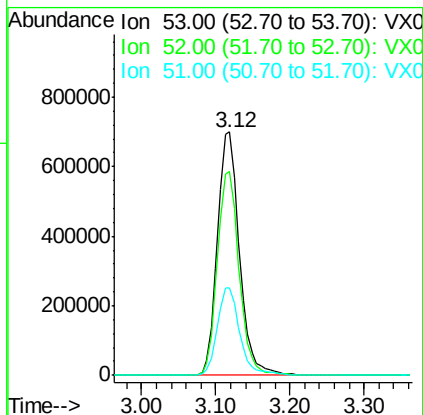
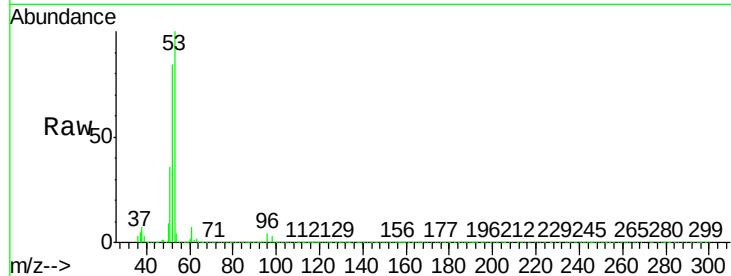
52 82.9 66.8 100.2

51 36.3 29.5 44.3

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#16

Acetone

Concen: 203.031 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015728.D

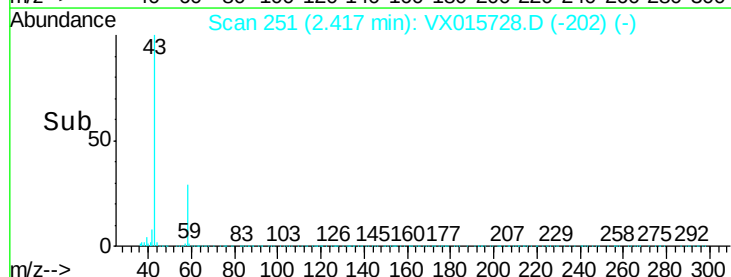
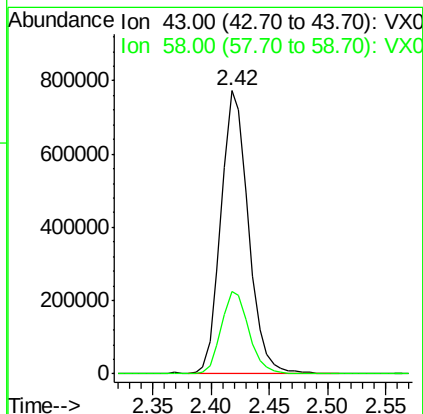
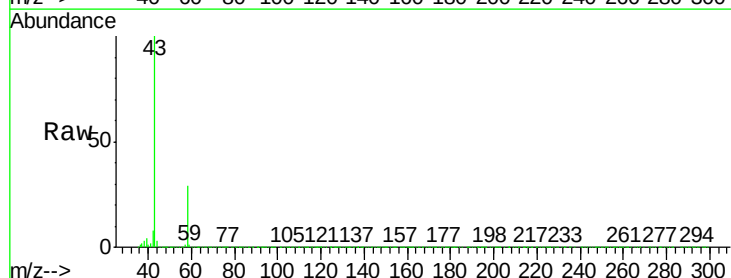
Acq: 16 Apr 2020 21:17

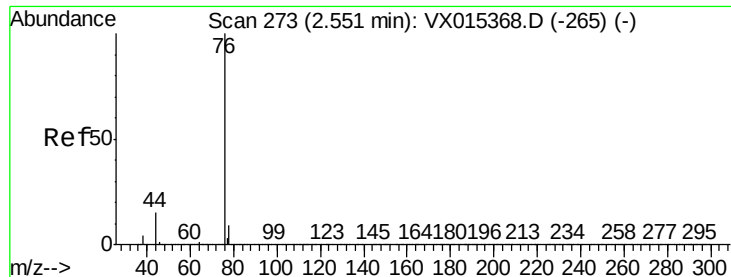
Tgt Ion: 43 Resp: 1252081

Ion Ratio Lower Upper

43 100

58 29.3 22.1 33.1





#17

Carbon Disulfide

Concen: 37.391 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1095998

Ion Ratio Lower Upper

76 100

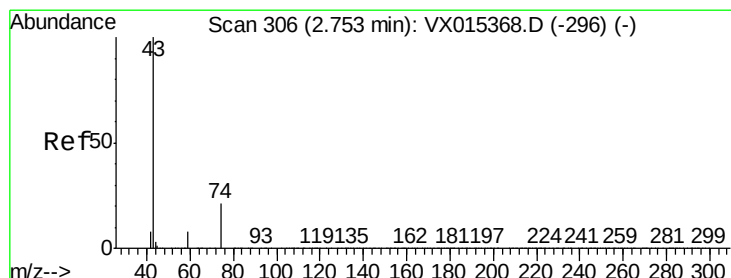
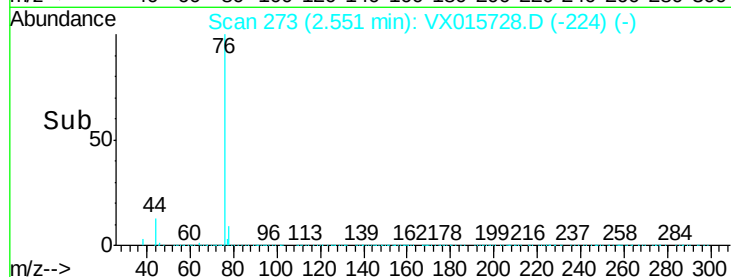
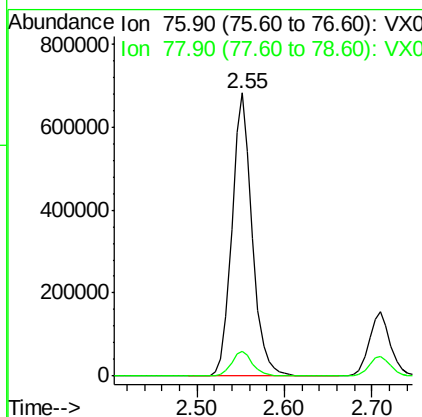
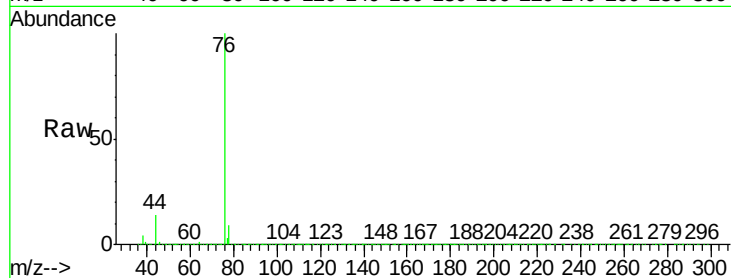
78 8.9 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 44.362 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015728.D

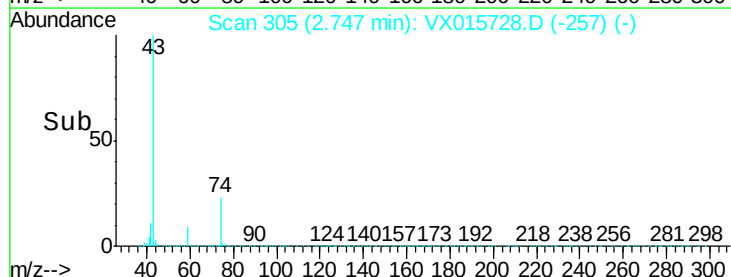
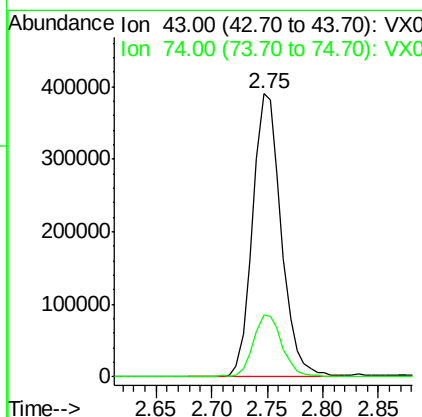
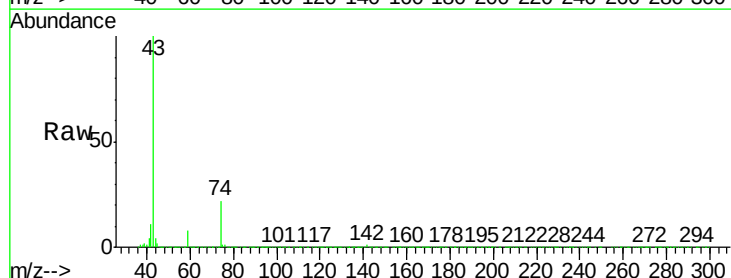
Acq: 16 Apr 2020 21:17

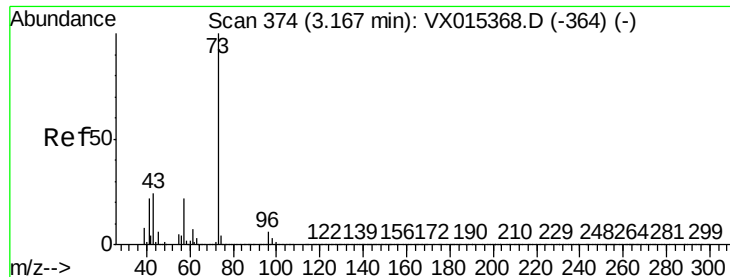
Tgt Ion: 43 Resp: 698247

Ion Ratio Lower Upper

43 100

74 22.2 16.5 24.7





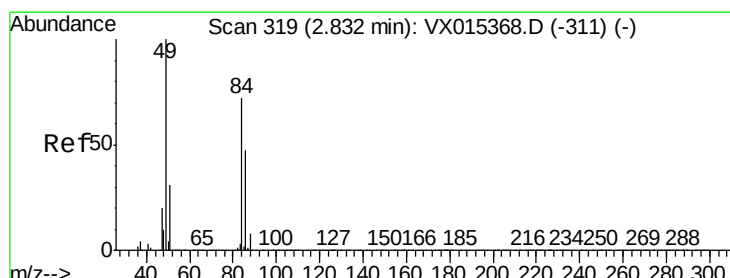
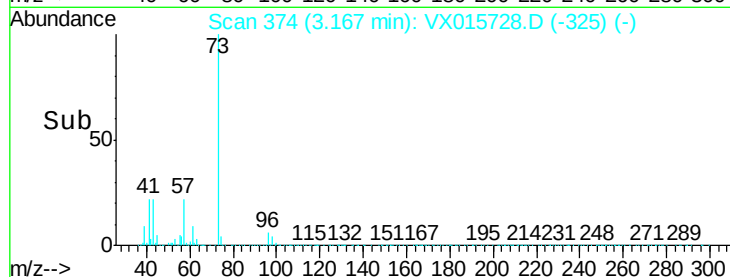
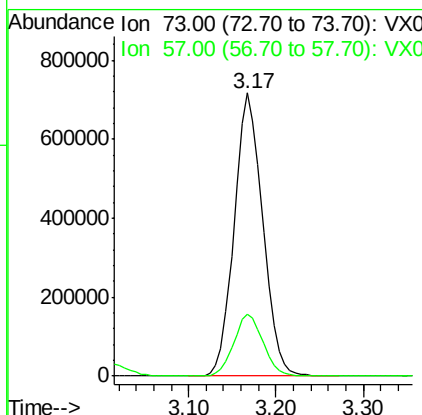
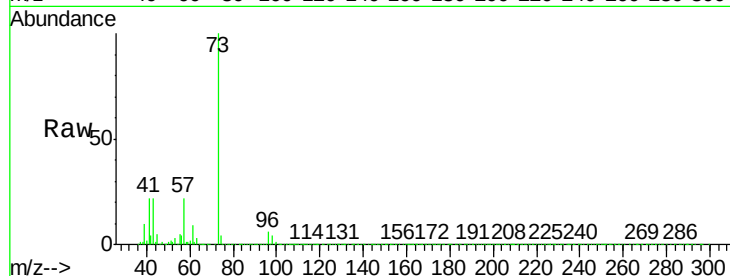
#19
Methyl tert-butyl Ether
Concen: 43.650 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1626666
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

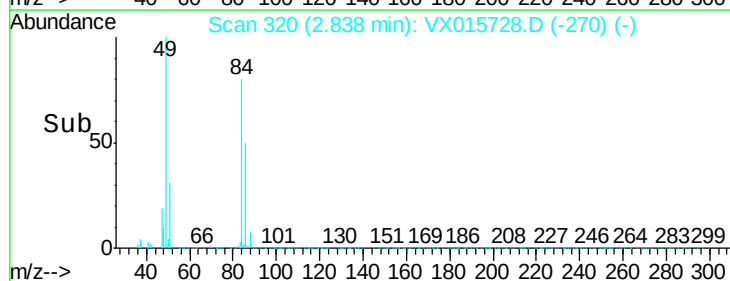
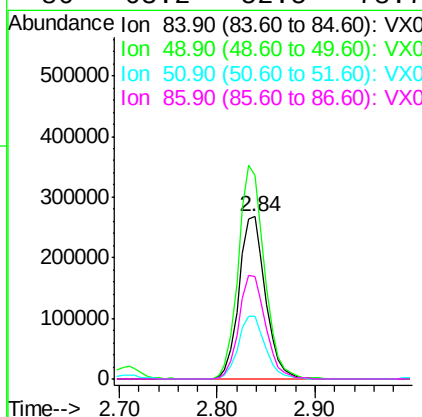
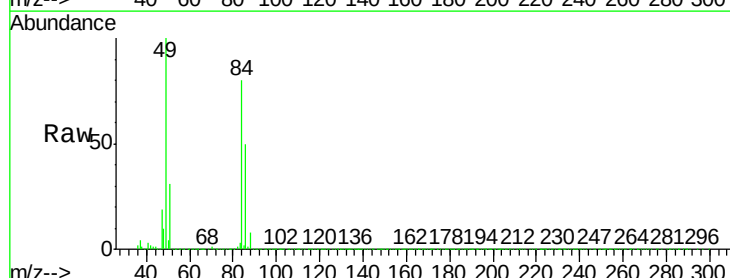
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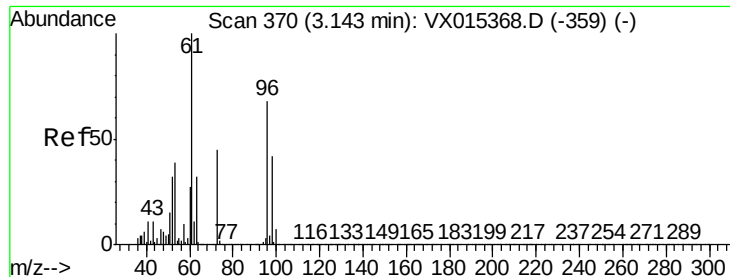
MMDadoda
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#20
Methylene Chloride
Concen: 43.585 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 84 Resp: 502053
Ion Ratio Lower Upper
84 100
49 125.4 111.3 166.9
51 38.3 34.0 51.0
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.119 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

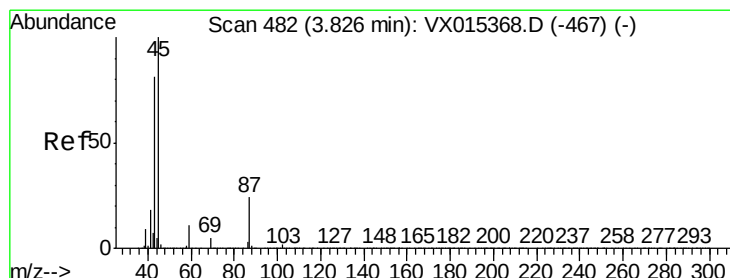
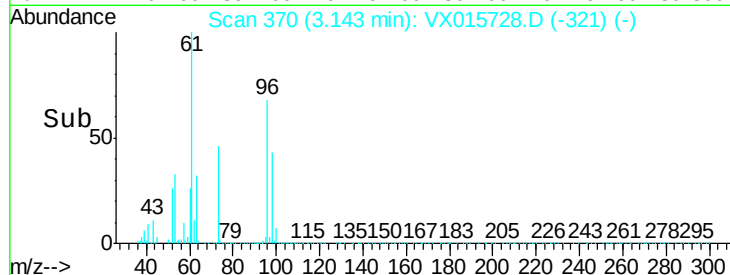
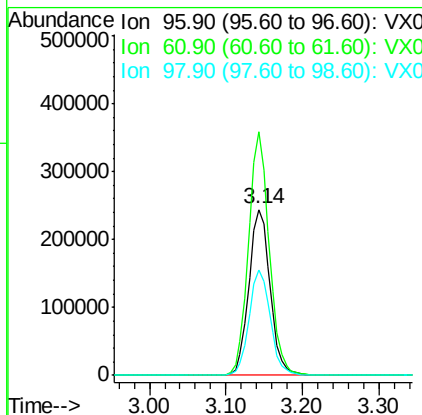
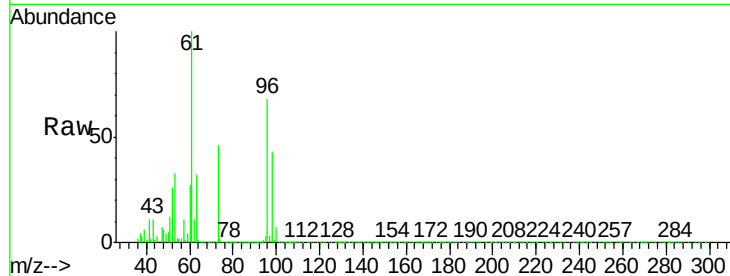
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	470481
Ion Ratio	Lower	Upper	
96	100		
61	146.7	116.9	175.3
98	63.4	48.6	73.0

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#22

Diisopropyl ether

Concen: 44.013 ug/l

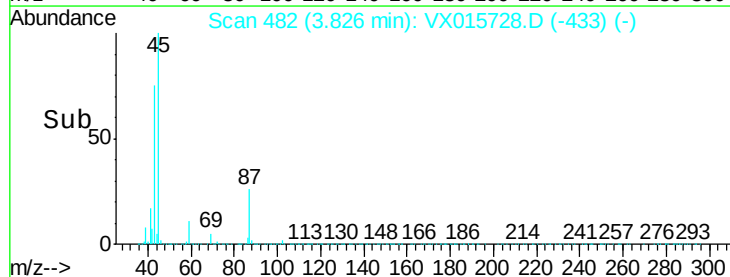
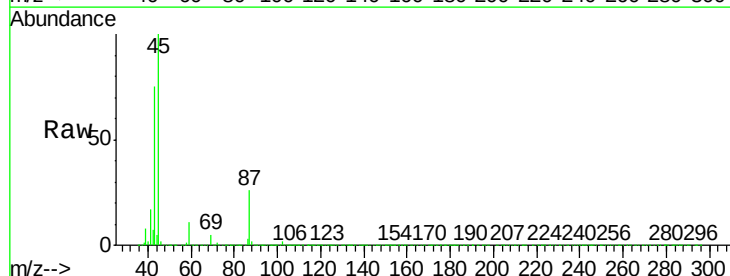
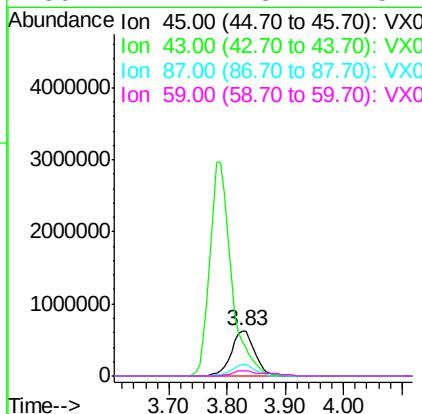
RT: 3.83 min Scan# 482

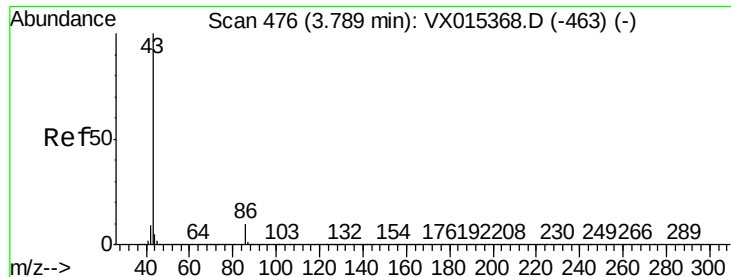
Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion:	45	Resp:	1751003
Ion Ratio	Lower	Upper	
45	100		
43	75.0	64.7	97.1
87	25.8	19.4	29.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 212.050 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tot Ion: 43 Resp: 7638145

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.6

Instrument :

MSVOA_X

ClientSampleId :

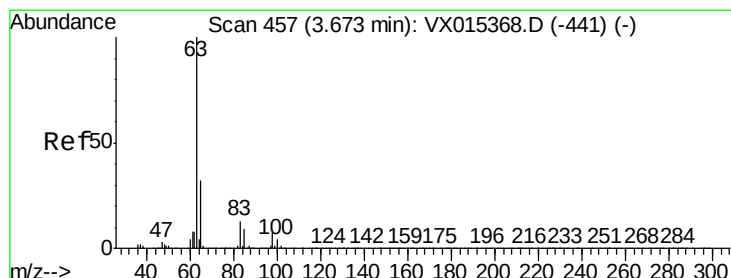
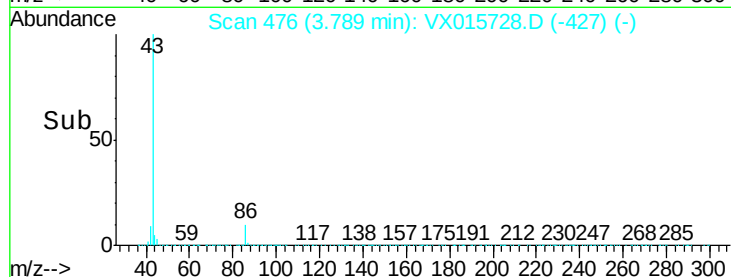
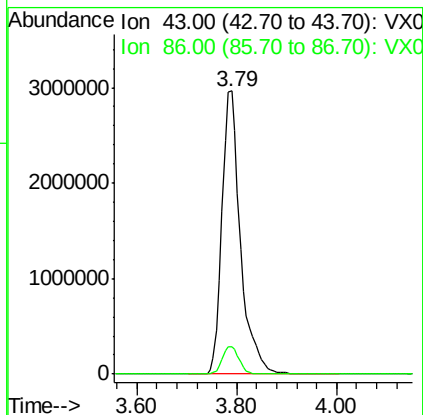
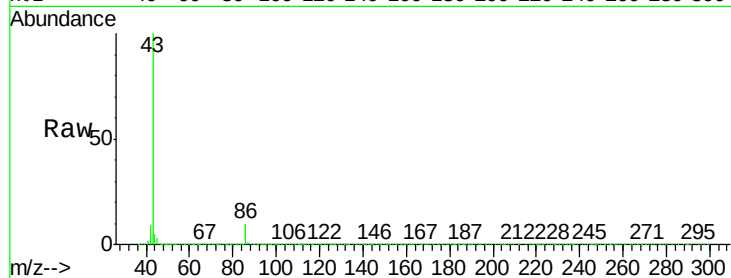
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 43.138 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

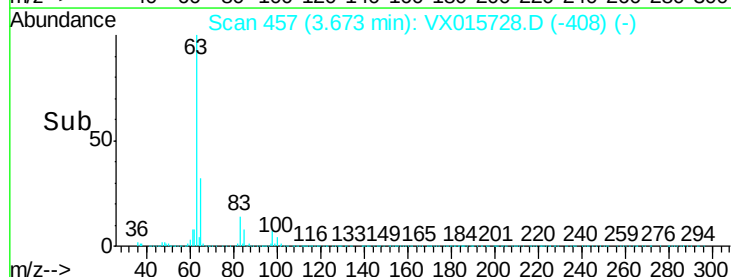
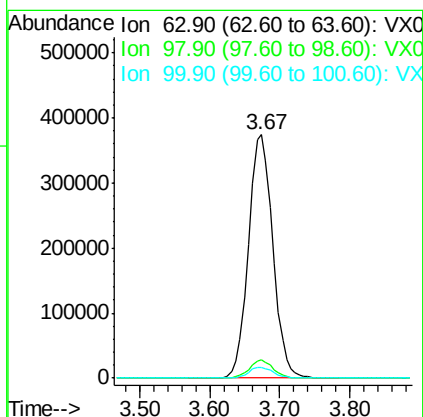
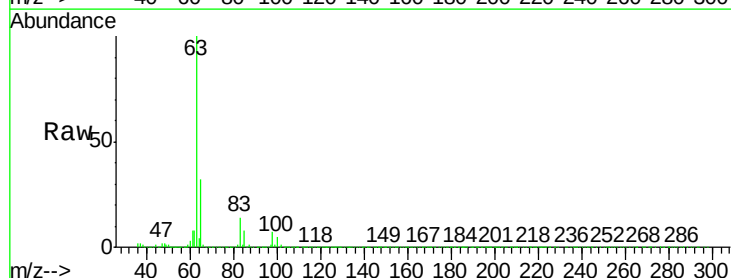
Tgt Ion: 63 Resp: 903605

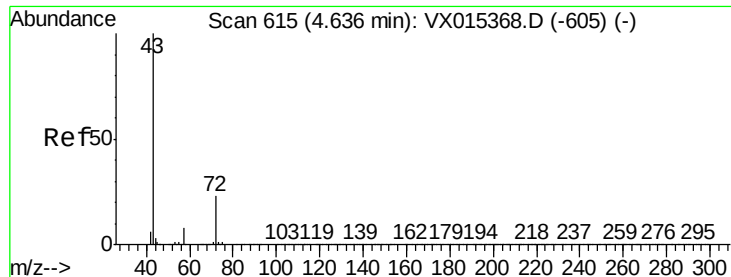
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 207.747 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tot Ion: 43 Resp: 2060378

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

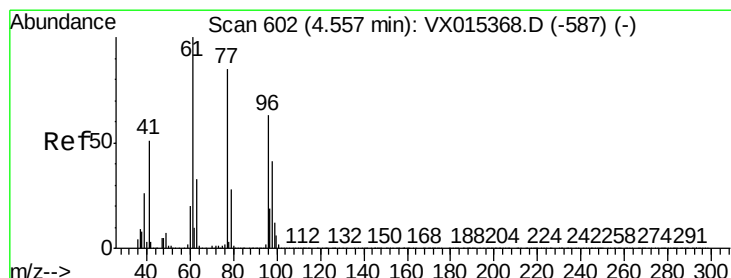
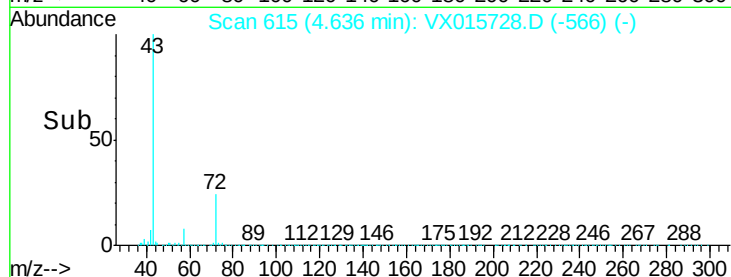
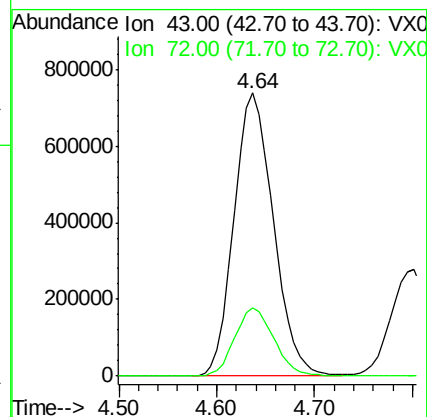
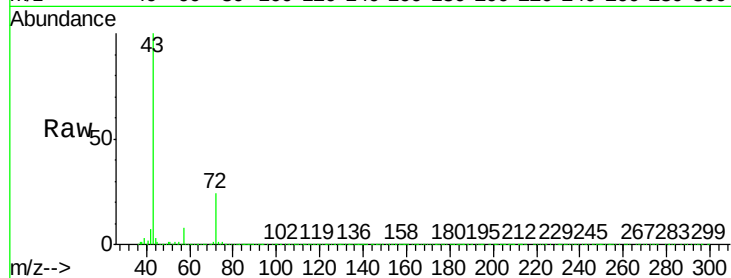
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.114 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015728.D

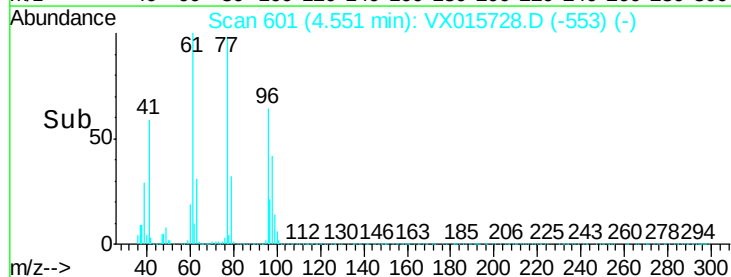
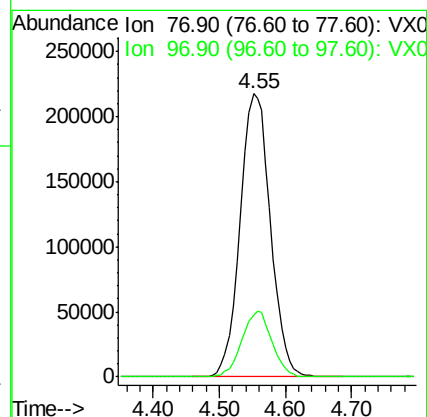
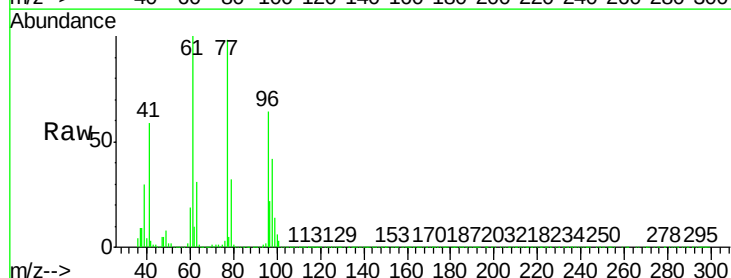
Acq: 16 Apr 2020 21:17

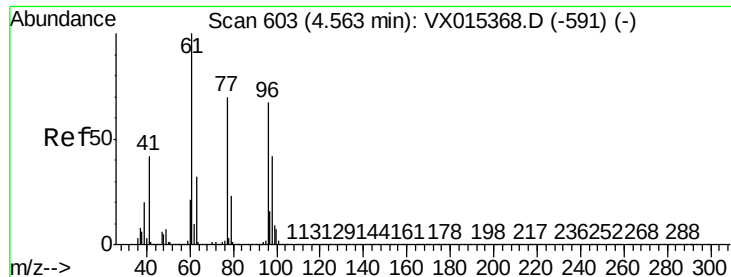
Tgt Ion: 77 Resp: 689706

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

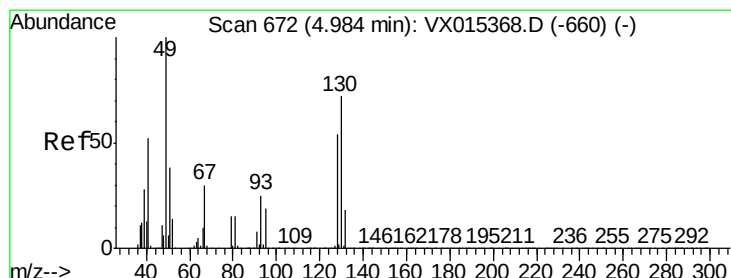
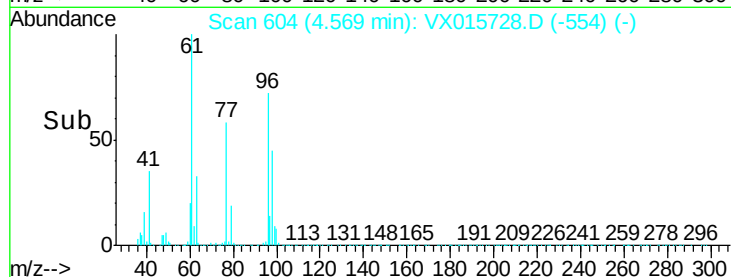
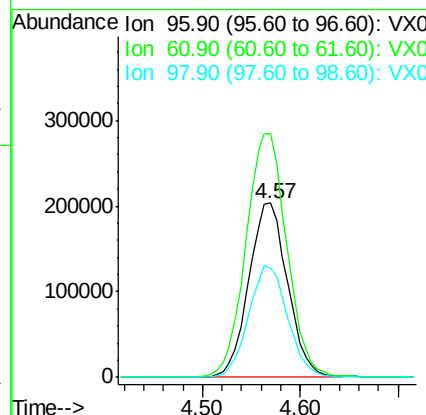
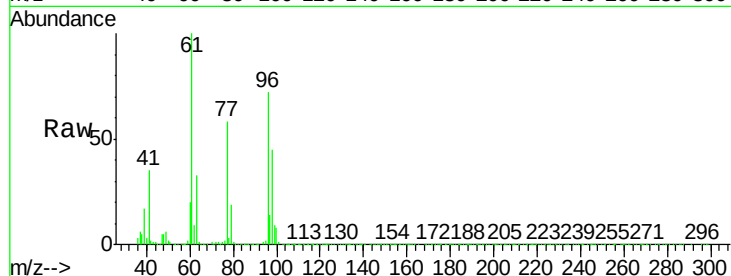
cis-1,2-Dichloroethene
Concen: 45.226 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.8	0.0	308.4	
98	64.3	0.0	129.2	

Manual Integrations
APPROVED

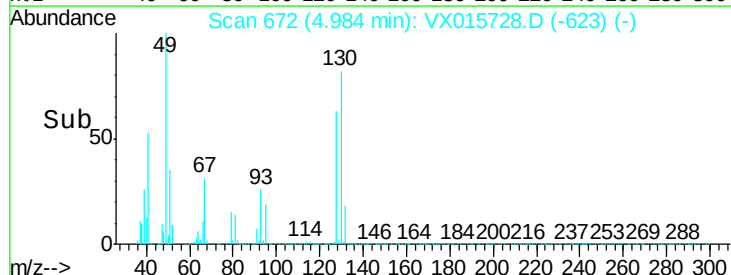
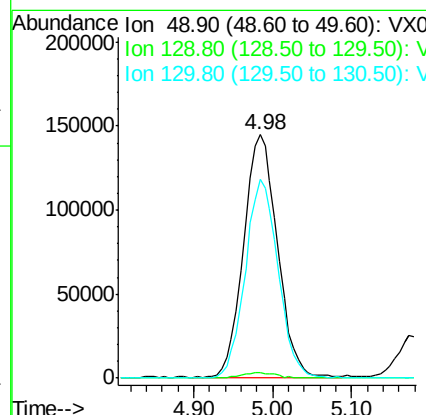
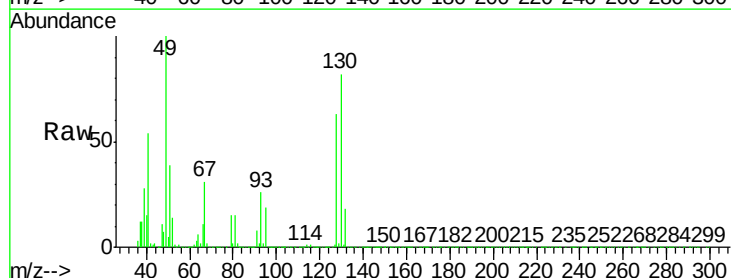
MMDadoda
4/17/2020 11:55:18 AM

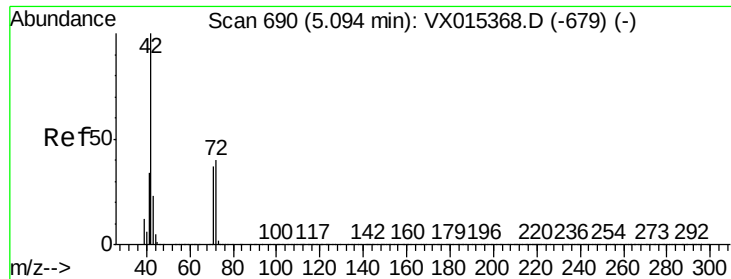


#28

Bromochloromethane
Concen: 43.282 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	78.9	57.7	86.5	





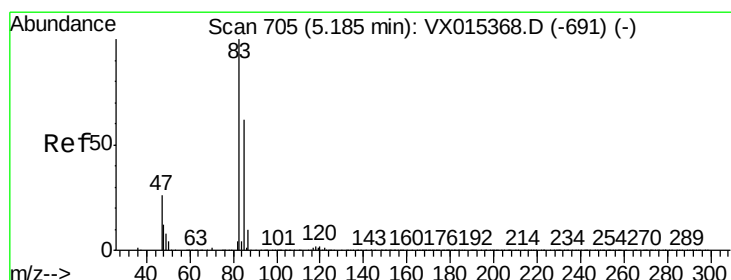
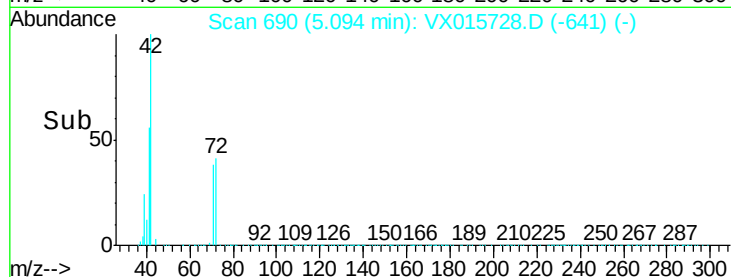
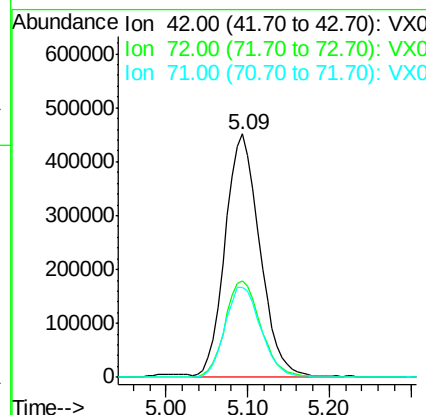
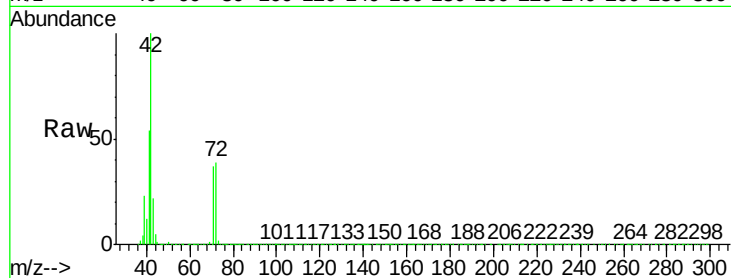
#29
Tetrahydrofuran
Concen: 207.390 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	31.7	47.5
71	38.8	29.6	44.4

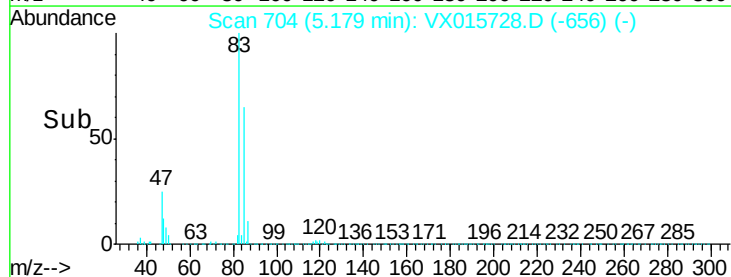
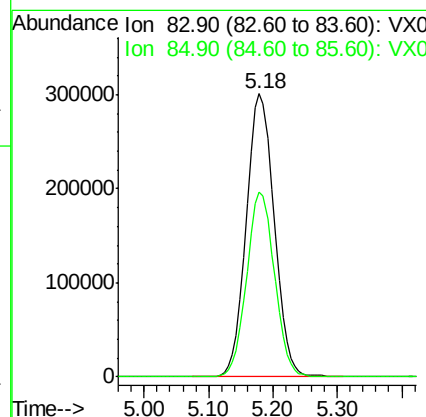
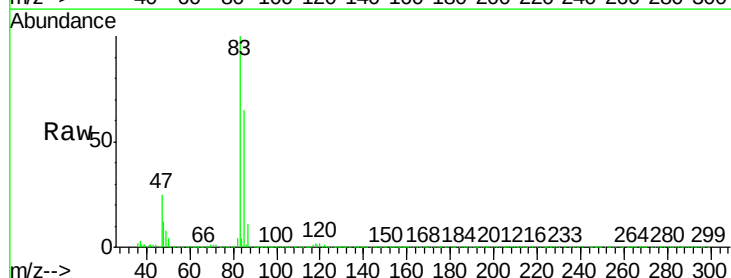
Manual Integrations
APPROVED

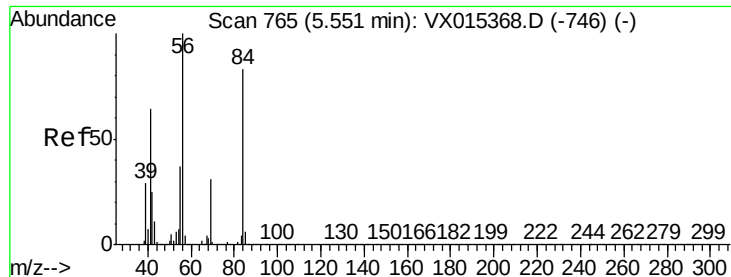
MMDadoda
4/17/2020 11:55:18 AM



#30
Chloroform
Concen: 44.599 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.5	74.3





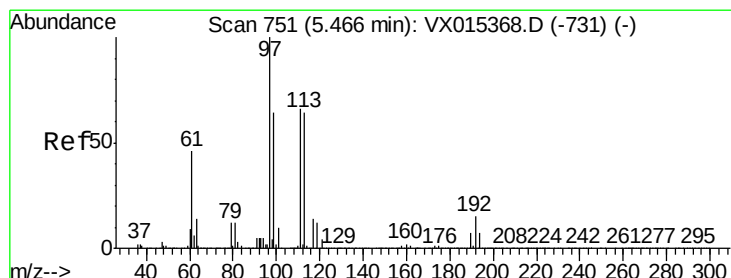
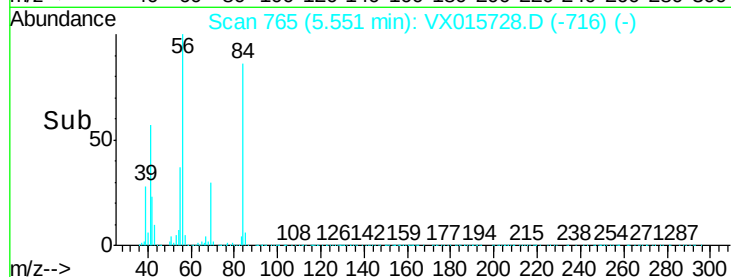
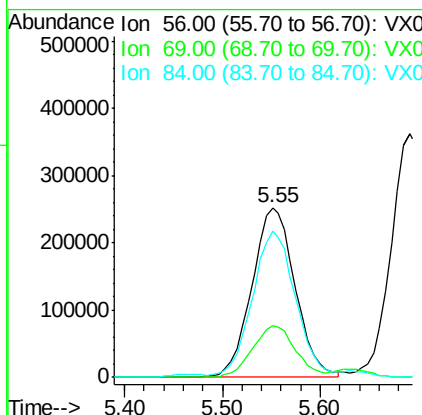
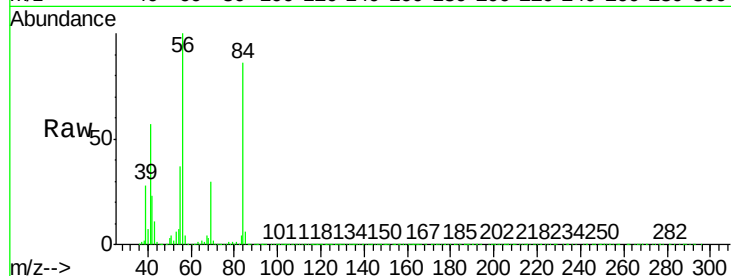
#31
Cyclohexane
Concen: 42.645 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.6	36.8
84	84.5	66.1	99.1

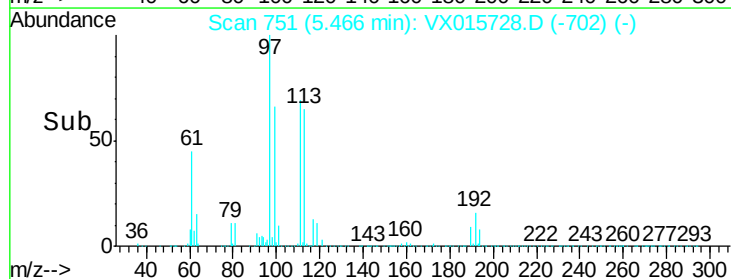
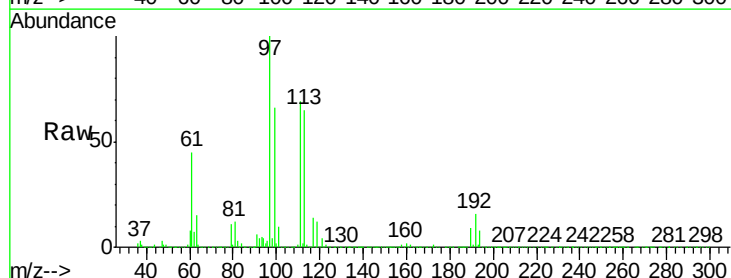
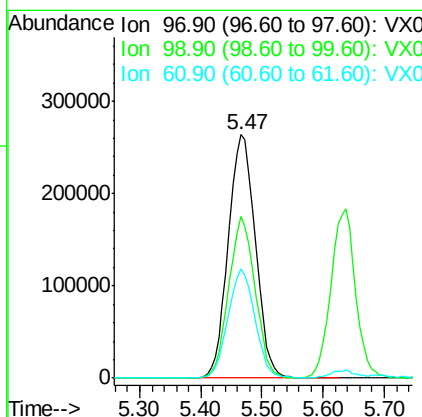
Manual Integrations
APPROVED

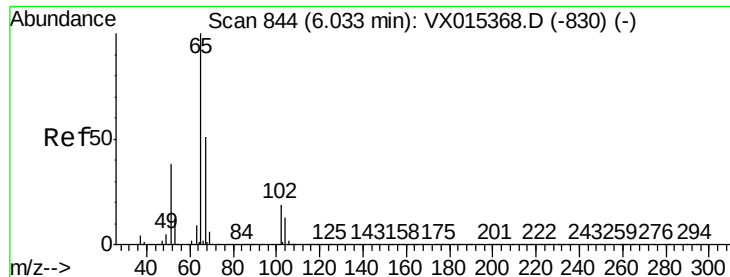
MMDadoda
4/17/2020 11:55:18 AM



#32
1,1,1-Trichloroethane
Concen: 44.230 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	44.1	36.1	54.1





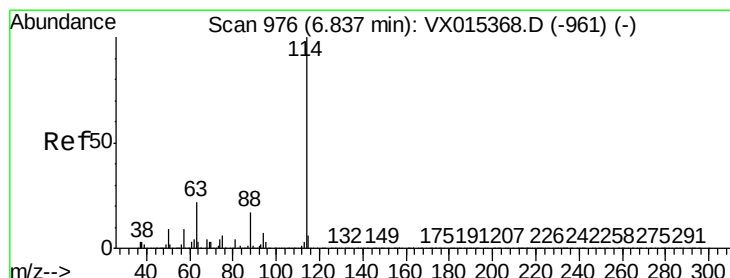
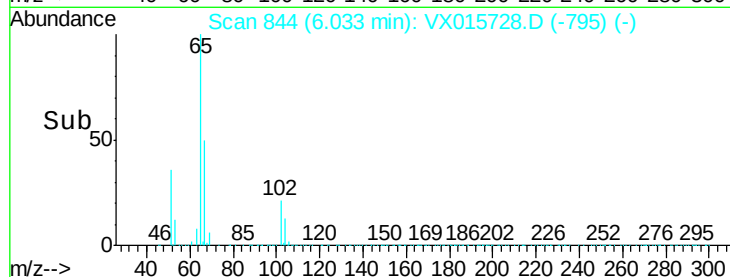
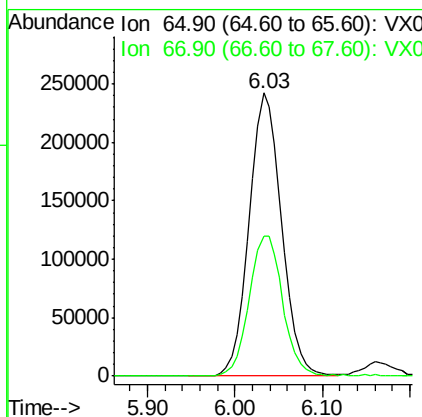
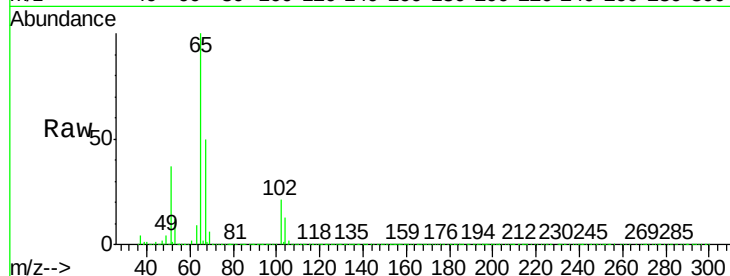
#33
 1,2-Dichloroethane-d4
 Concen: 43.477 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6

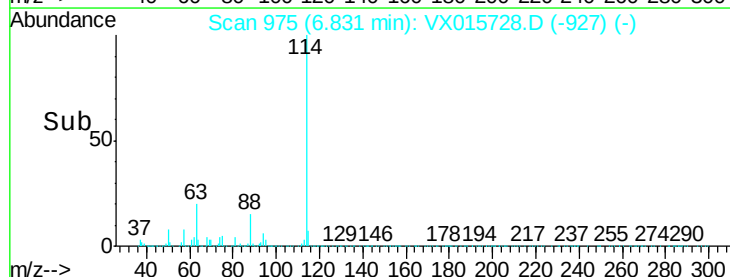
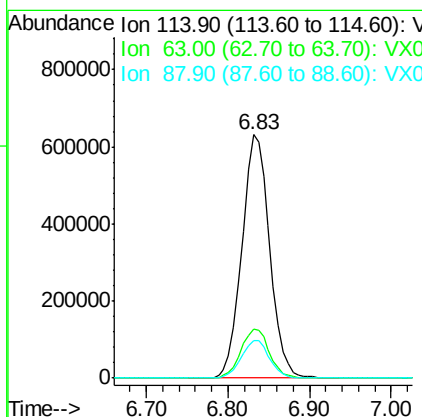
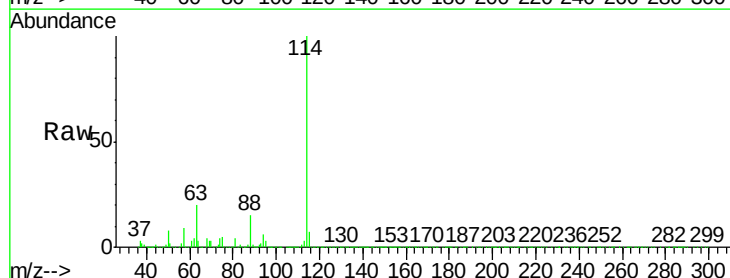
Manual Integrations
 APPROVED

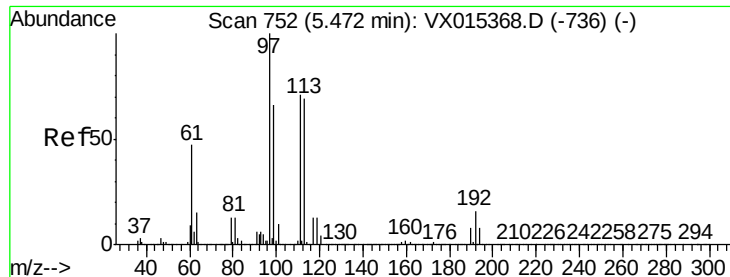
MMDadoda
 4/17/2020 11:55:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	44.2
88	15.3	0.0	33.8





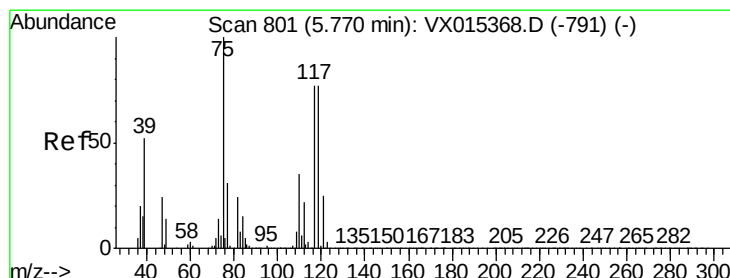
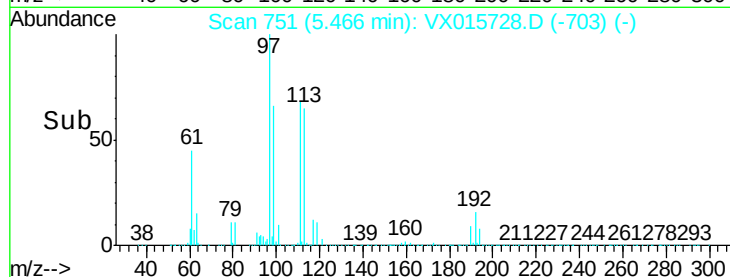
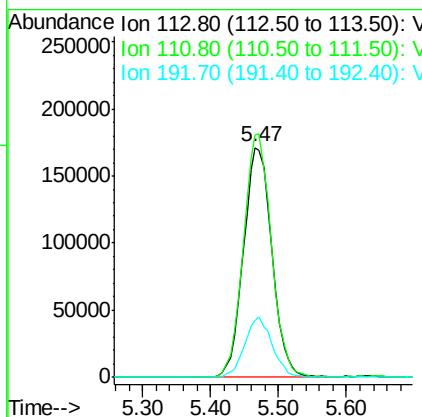
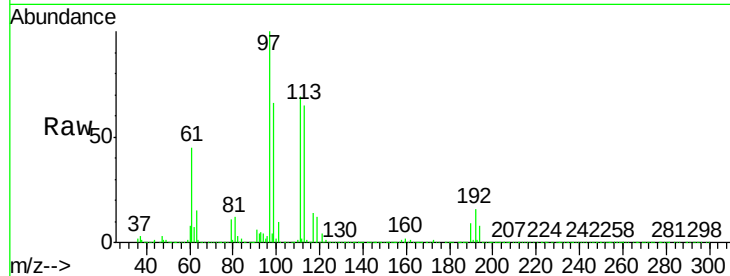
#35
Dibromofluoromethane
Concen: 52.448 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	498485		
111	103.4	81.5	122.3	
192	25.2	17.8	26.6	

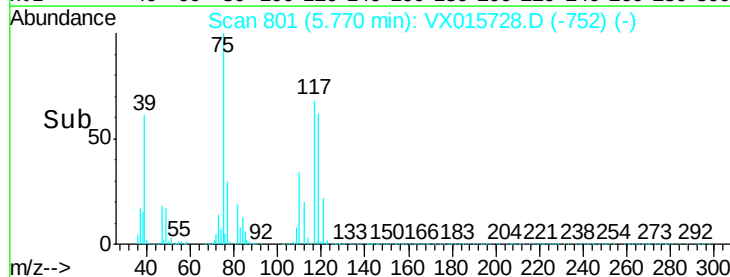
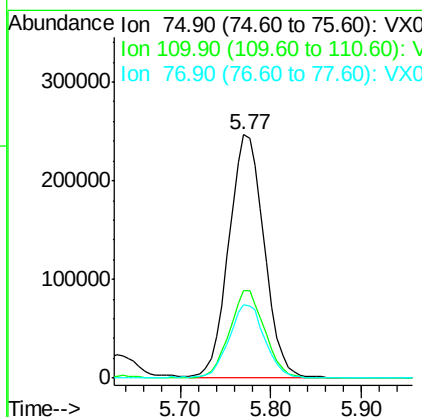
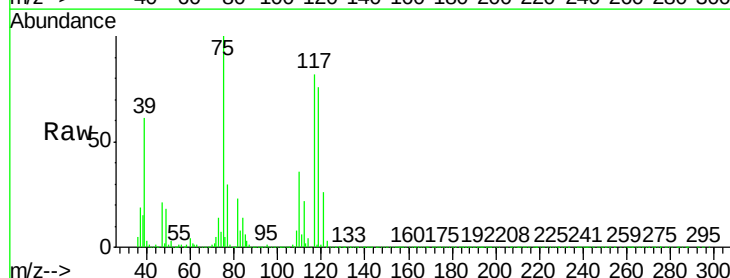
Manual Integrations
APPROVED

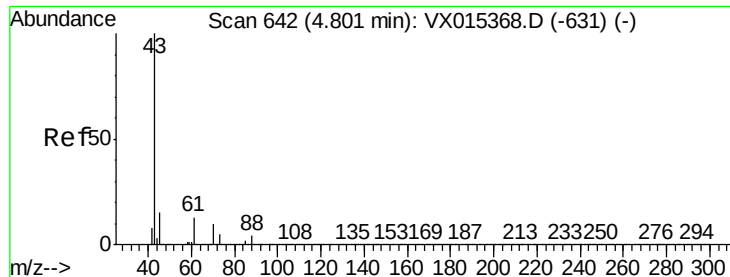
MMDadoda
4/17/2020 11:55:18 AM



#36
1,1-Dichloropropene
Concen: 48.483 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	664209		
110	35.8	17.1	51.3	
77	30.4	24.6	36.8	





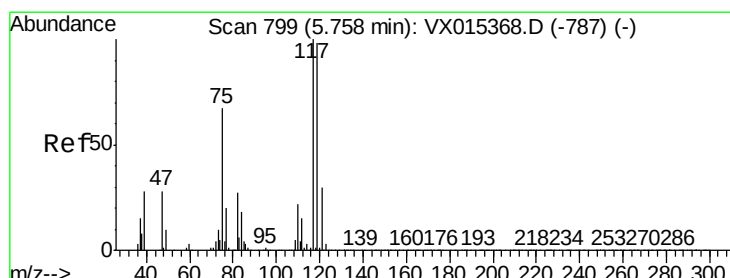
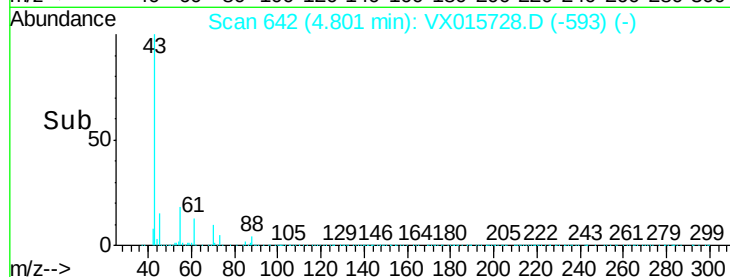
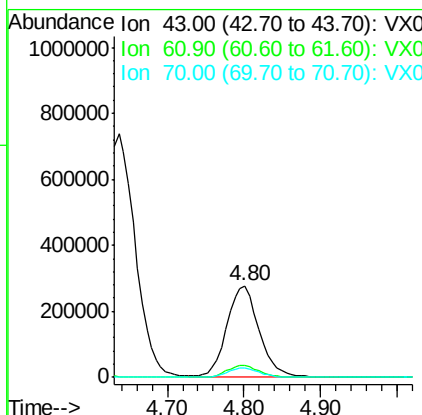
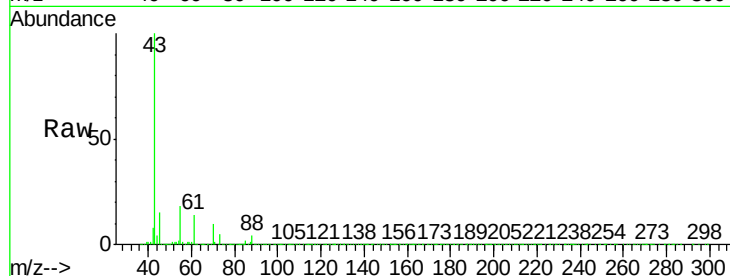
#37
Ethyl Acetate
Concen: 45.016 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.2	8.1	12.1

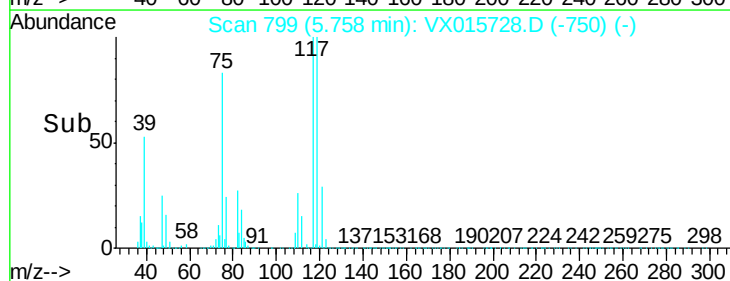
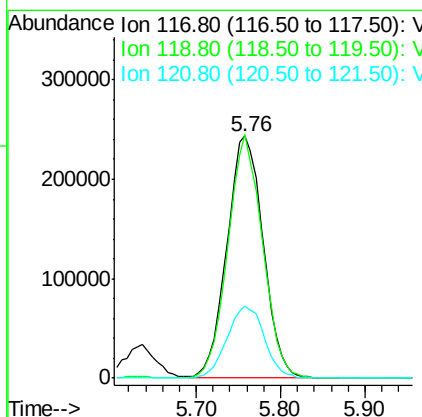
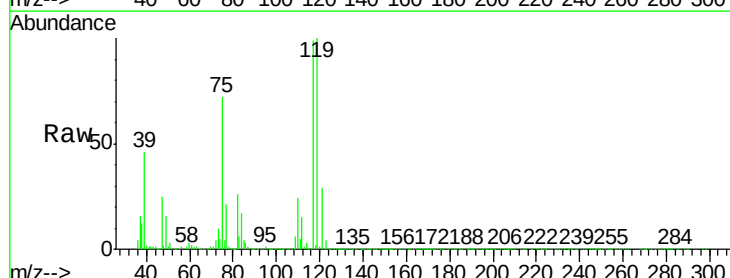
Manual Integrations
APPROVED

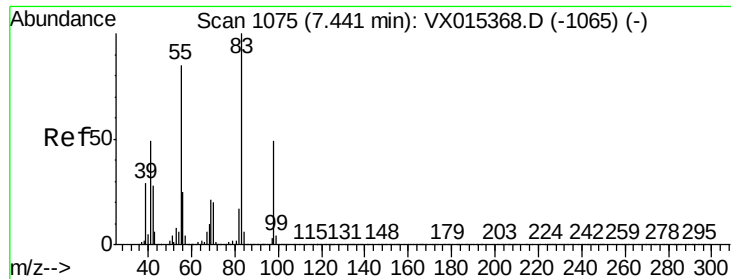
MMDadoda
4/17/2020 11:55:18 AM



#38
Carbon Tetrachloride
Concen: 47.756 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.0	117.0
121	29.5	23.8	35.8





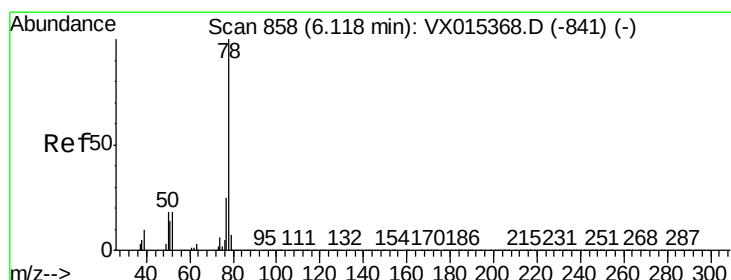
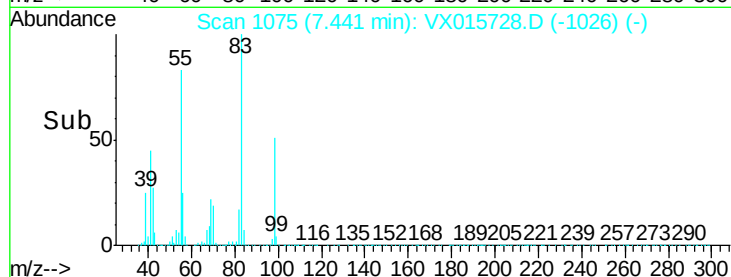
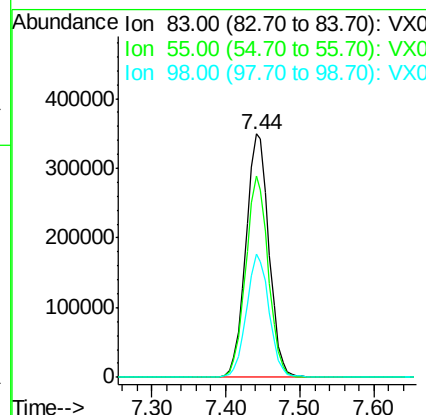
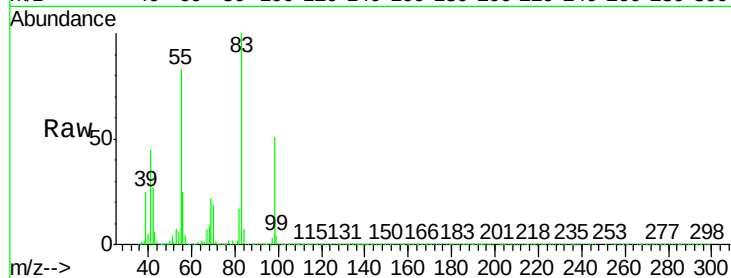
#39
Methylvlcyclohexane
Concen: 48.217 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.6	67.8	101.6
98	50.6	39.3	58.9

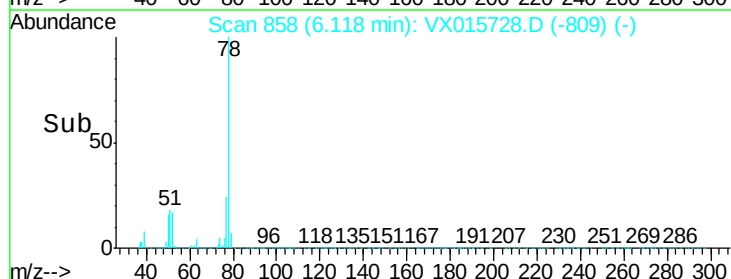
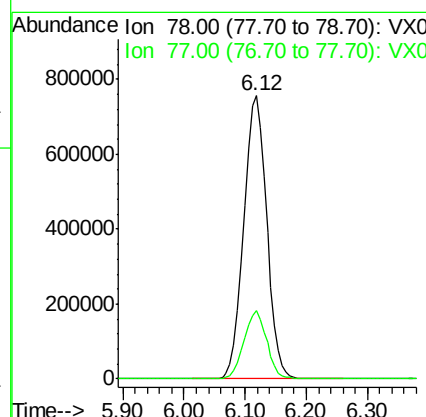
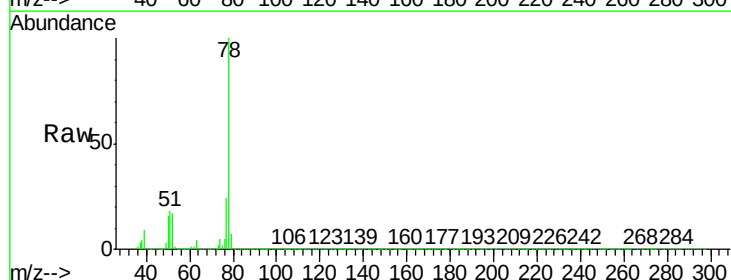
Manual Integrations
APPROVED

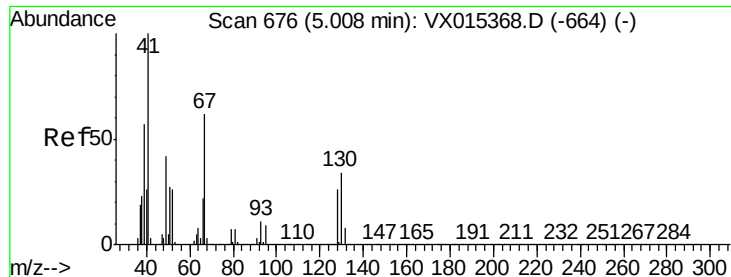
MMDadoda
4/17/2020 11:55:18 AM



#40
Benzene
Concen: 48.921 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.8





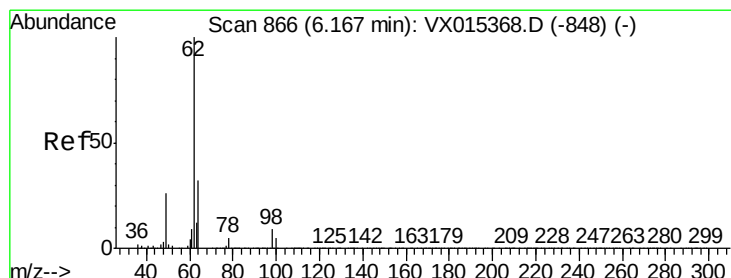
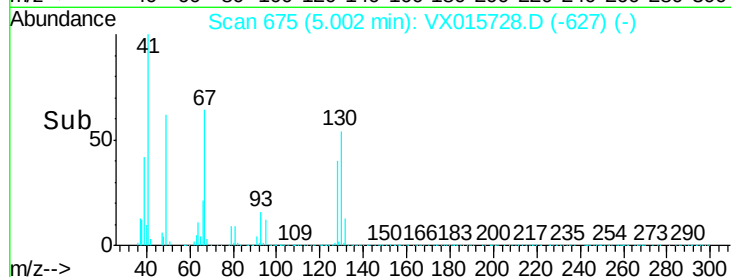
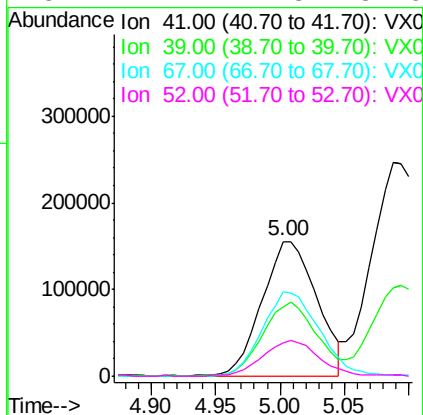
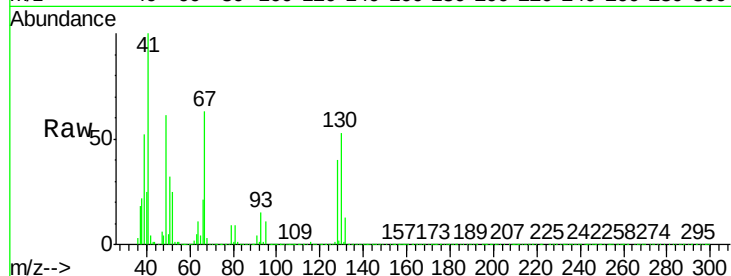
#41
Methacrylonitrile
Concen: 46.194 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		457421		
39	54.9	44.5	66.7		
67	64.8	48.9	73.3		
52	27.1	21.8	32.6		

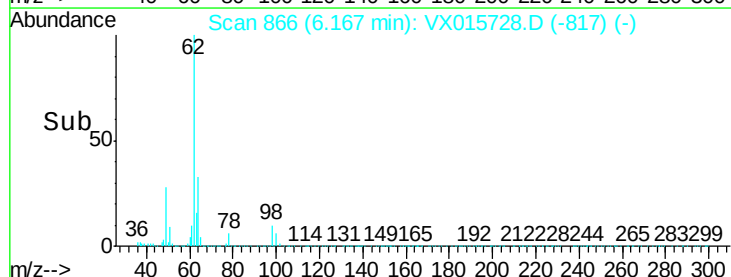
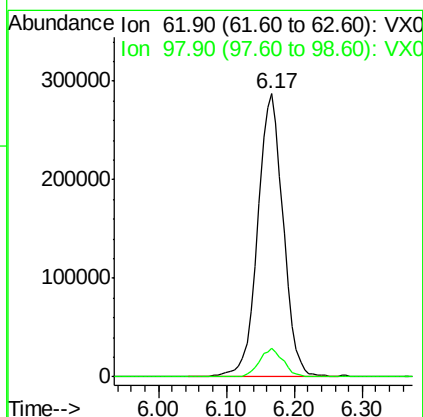
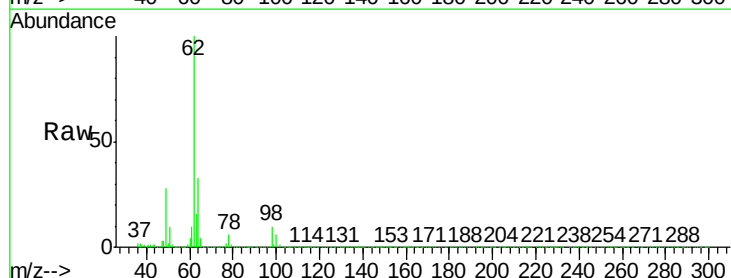
Manual Integrations
APPROVED

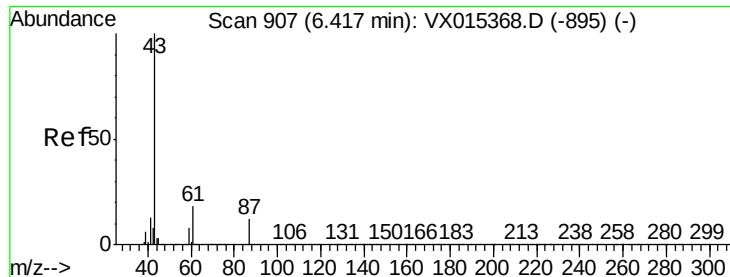
MMDadoda
4/17/2020 11:55:18 AM



#42
1,2-Dichloroethane
Concen: 46.824 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		754780		
98	9.5	0.0	17.6		





#43

Isopropyl Acetate

Concen: 45.461 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1368930

Ion Ratio Lower Upper

43 100

61 18.9 14.8 22.2

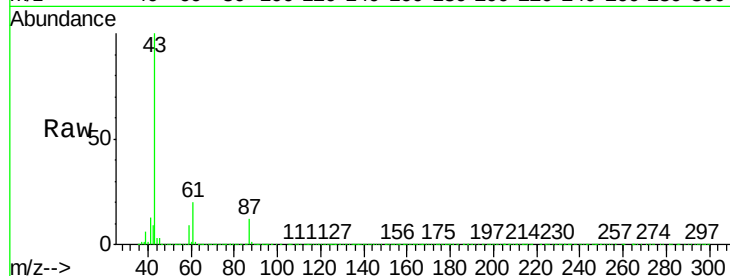
87 12.1 9.4 14.0

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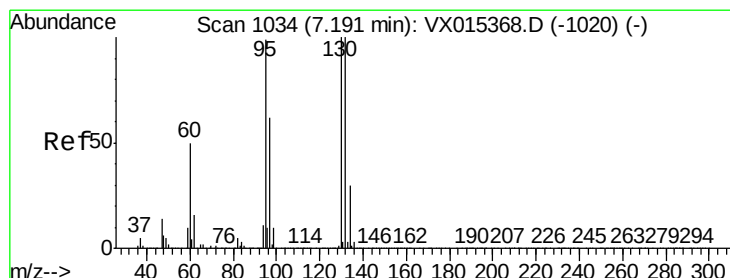
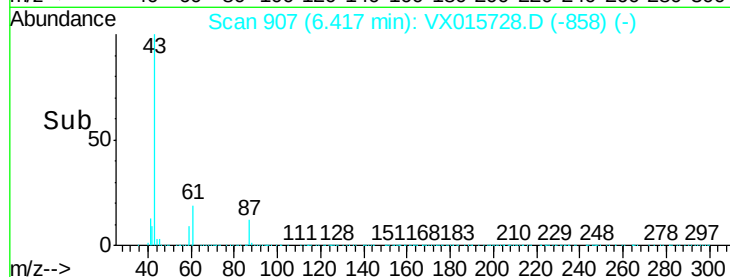
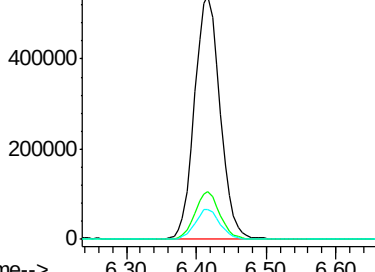


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.42



#44

Trichloroethene

Concen: 51.446 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015728.D

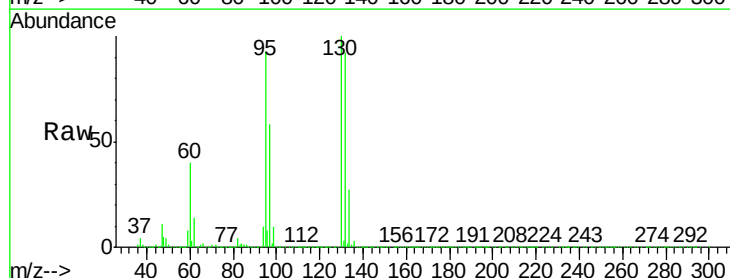
Acq: 16 Apr 2020 21:17

Tgt Ion:130 Resp: 563046

Ion Ratio Lower Upper

130 100

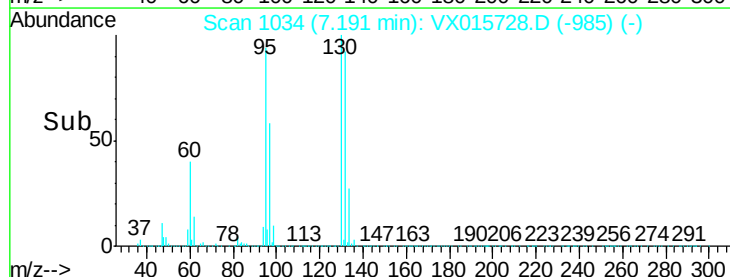
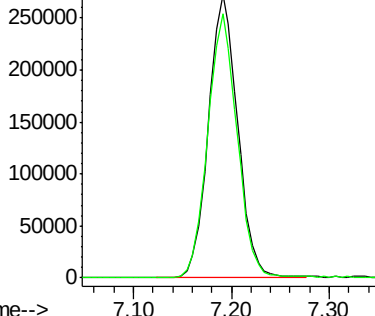
95 93.4 0.0 199.0

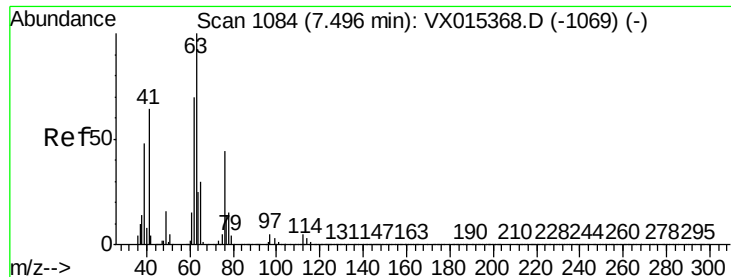


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19





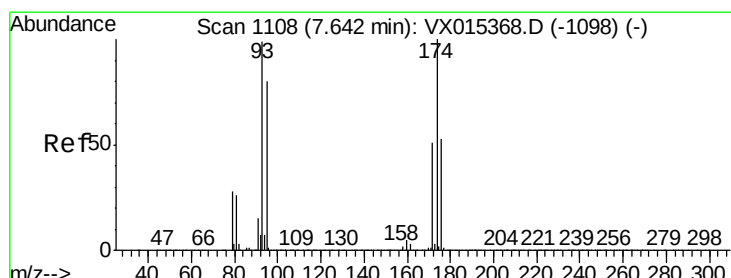
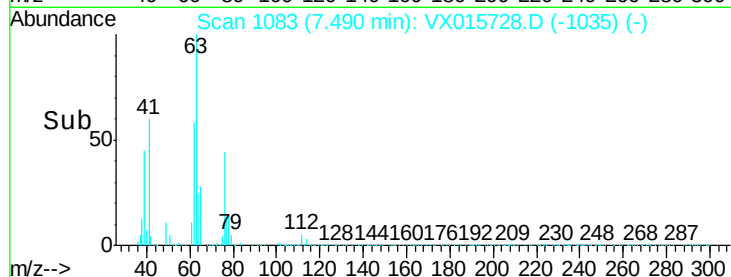
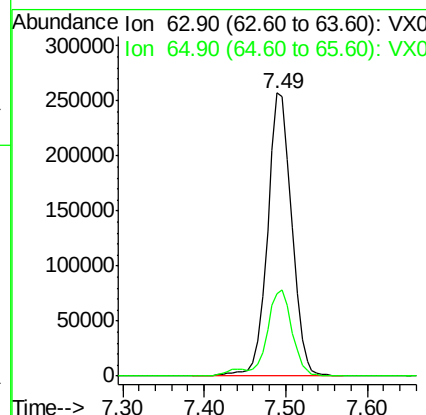
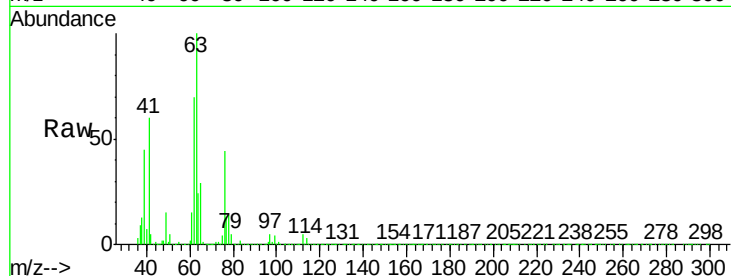
#45
 1,2-Dichloropropane
 Concen: 48.432 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.0	23.9	35.9

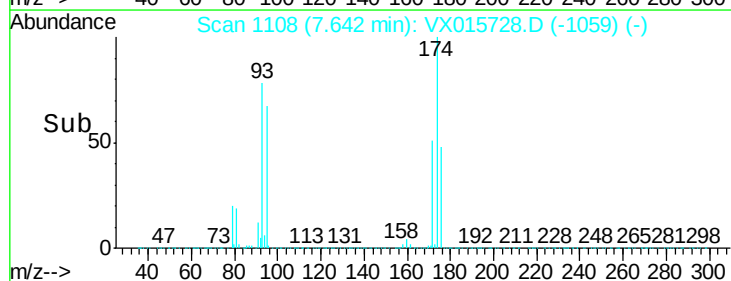
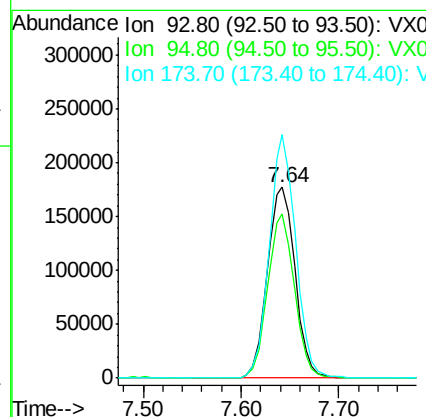
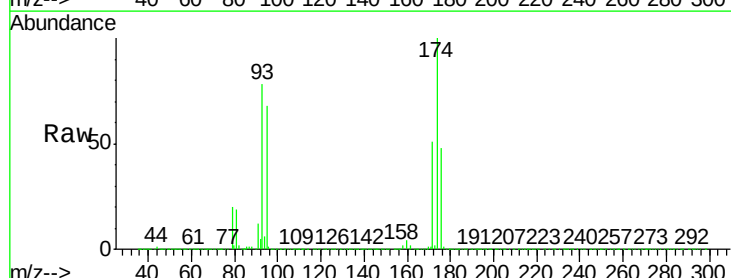
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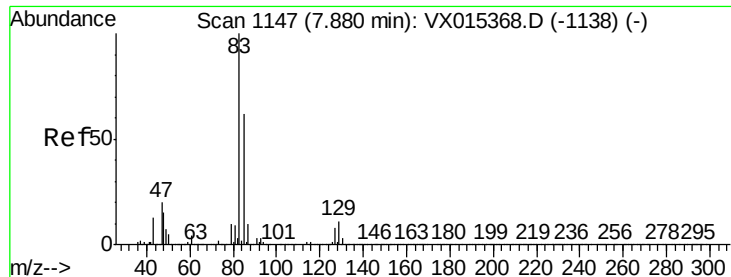
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 4/17/2020 11:55:18 AM



#46
 Dibromomethane
 Concen: 48.446 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.8	98.8
174	120.9	86.2	129.2





#47

Bromodichloromethane

Concen: 47.766 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

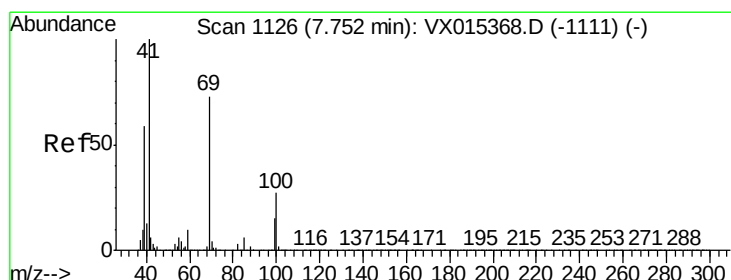
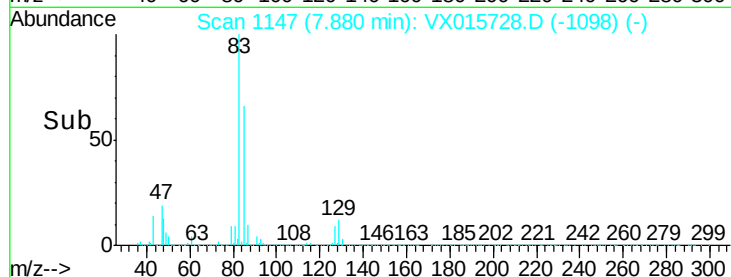
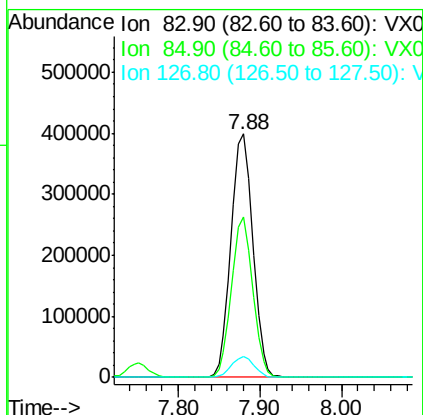
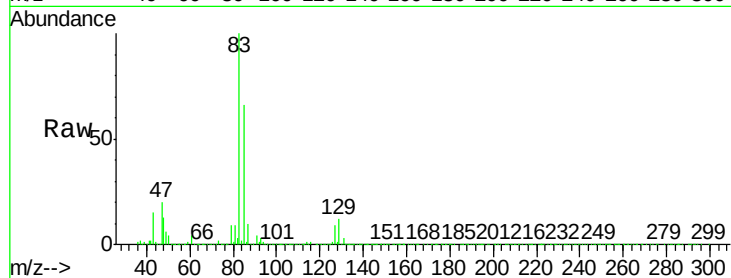
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	732946
Ion Ratio	Lower	Upper	
83	100		
85	66.1	49.7	74.5
127	8.8	6.7	10.1

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#48

Methyl methacrylate

Concen: 44.811 ug/l

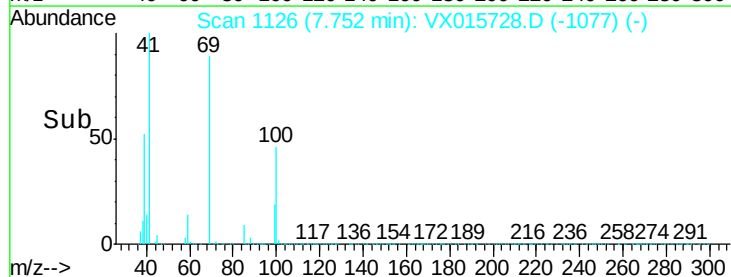
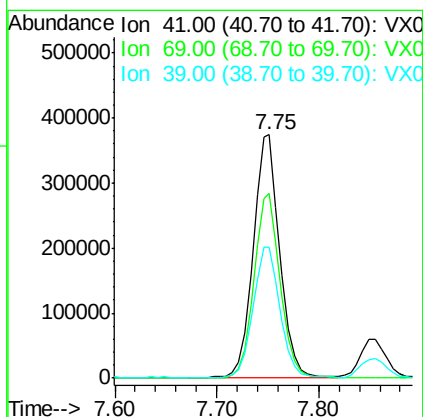
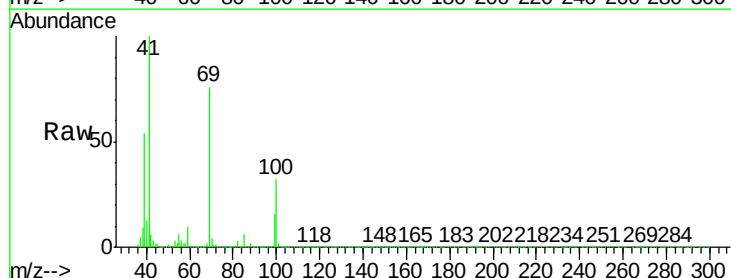
RT: 7.75 min Scan# 1126

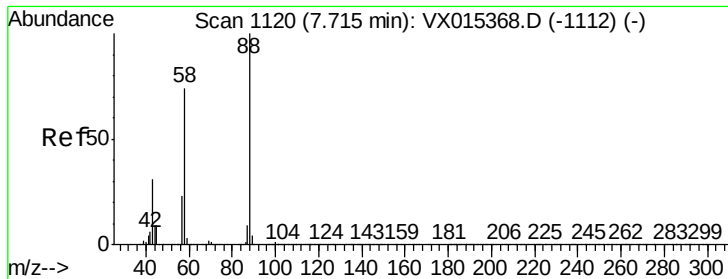
Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion:	41	Resp:	674000
Ion Ratio	Lower	Upper	
41	100		
69	75.6	56.7	85.1
39	54.7	46.5	69.7





#49

1,4-Dioxane

Concen: 985.802 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

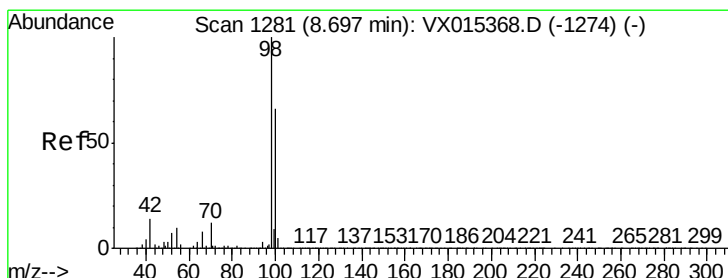
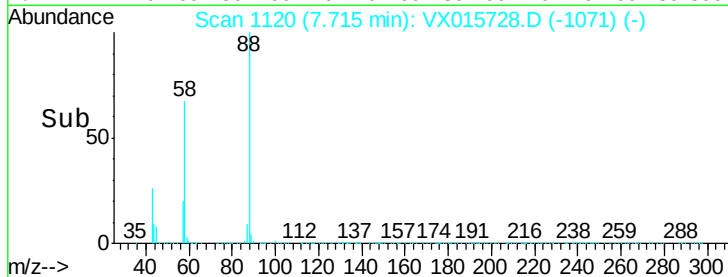
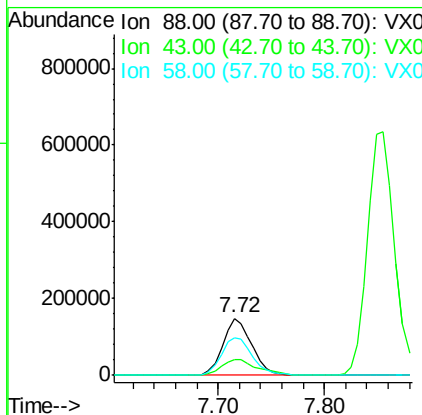
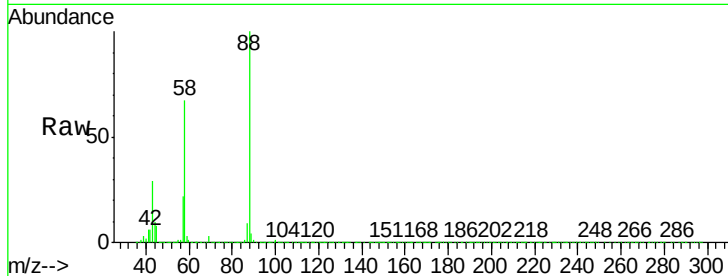
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	276602
Ion Ratio	Lower	Upper	
88	100		
43	34.9	30.1	45.1
58	72.5	60.6	90.8

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#50

Toluene-d8

Concen: 52.498 ug/l

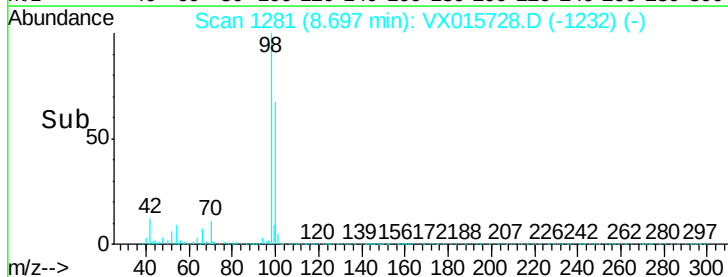
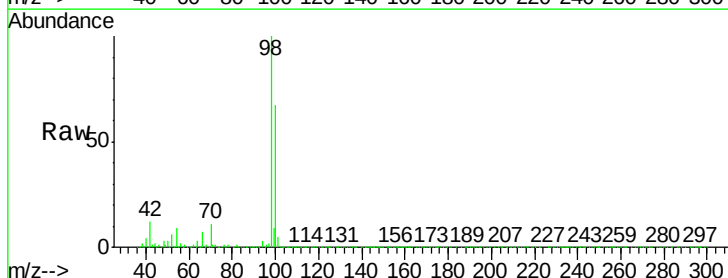
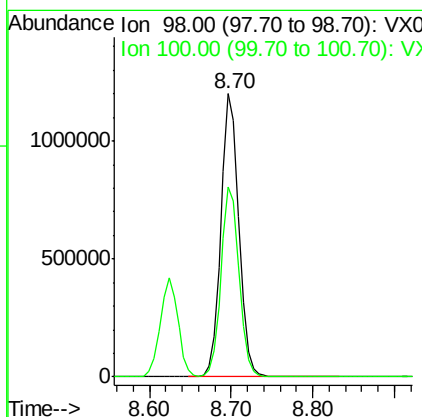
RT: 8.70 min Scan# 1281

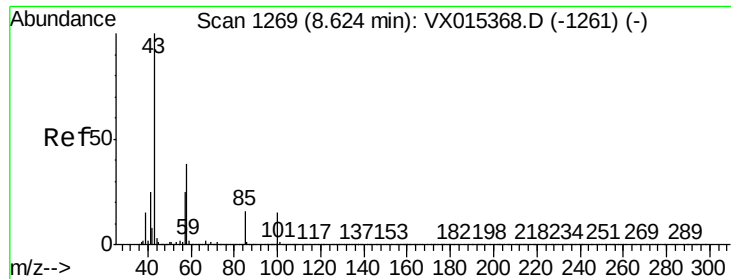
Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion:	98	Resp:	1837049
Ion Ratio	Lower	Upper	
98	100		
100	67.5	53.5	80.3





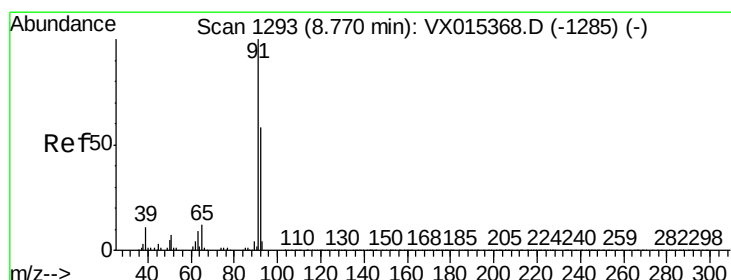
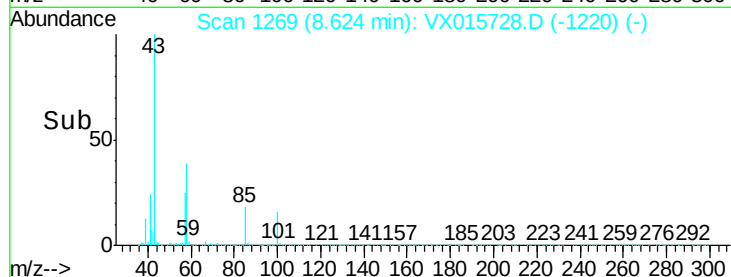
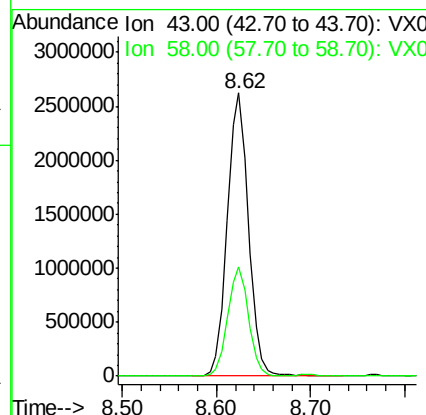
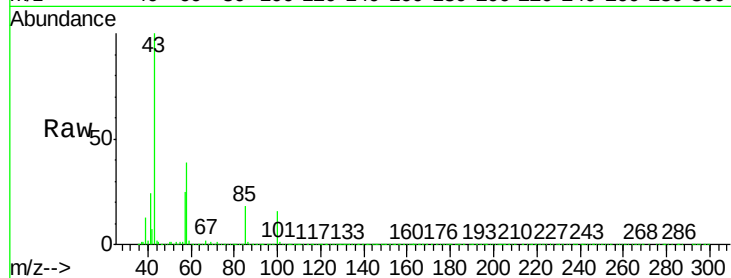
#51
4-Methyl-2-Pentanone
Concen: 238.919 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 4077218
Ion Ratio Lower Upper
43 100
58 38.0 29.7 44.5

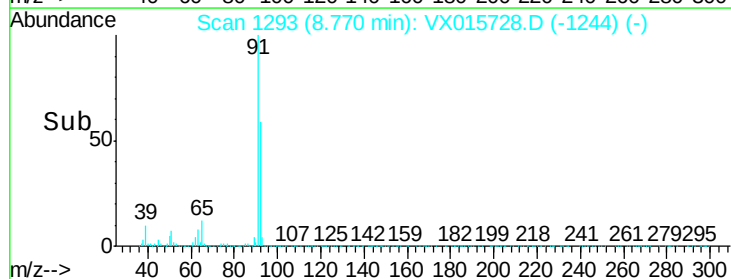
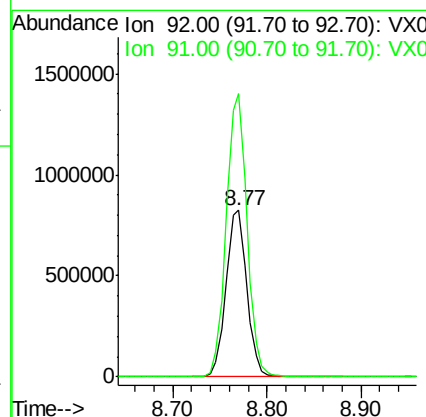
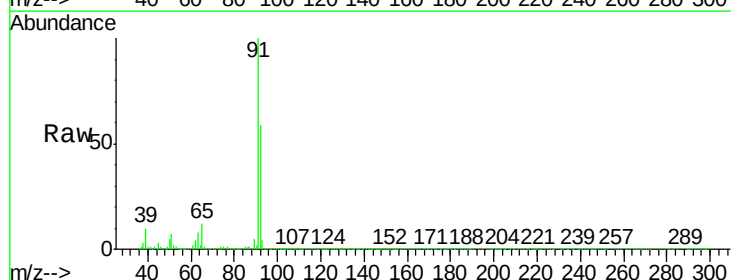
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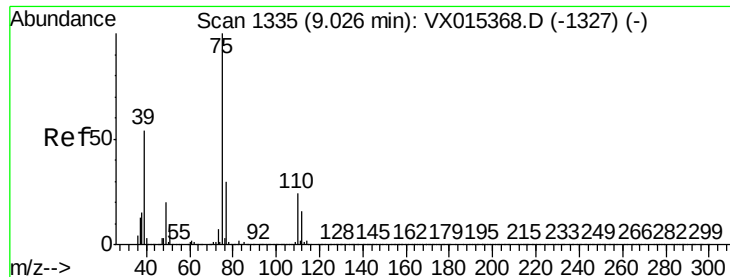
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#52
Toluene
Concen: 50.955 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 92 Resp: 1260694
Ion Ratio Lower Upper
92 100
91 169.6 136.6 205.0





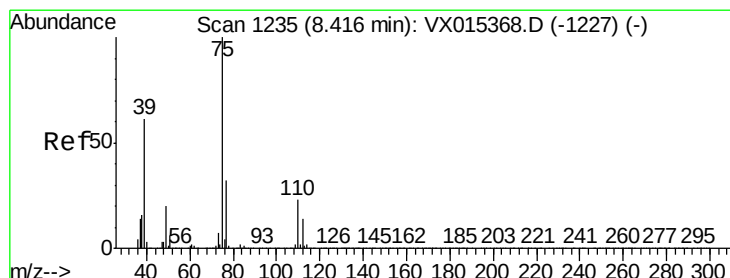
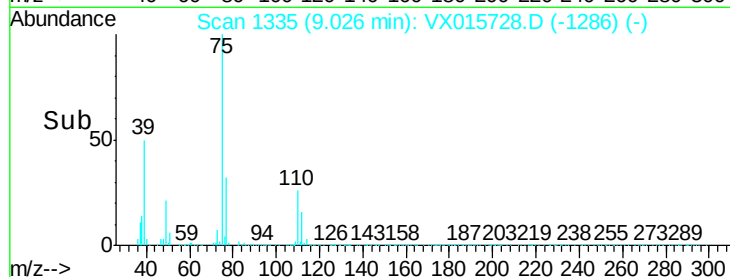
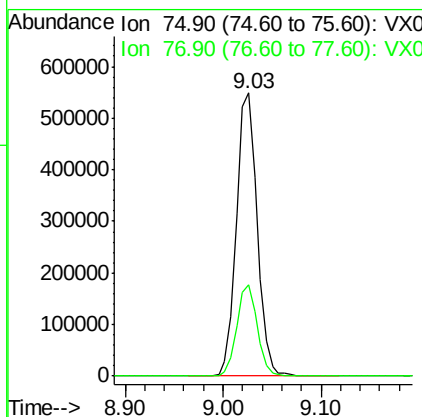
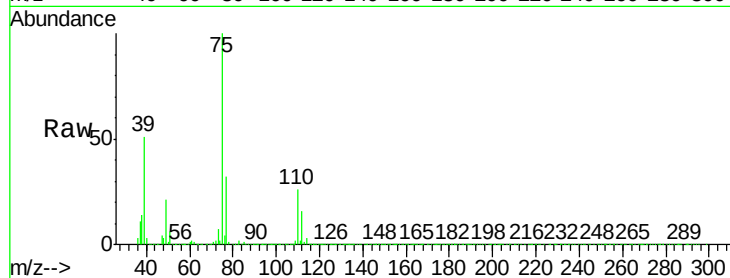
#53
t-1,3-Dichloropropene
Concen: 45.012 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 810053
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1

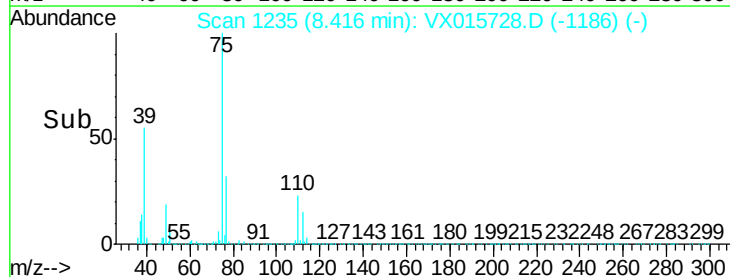
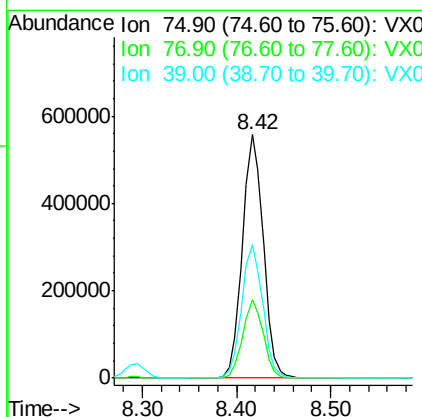
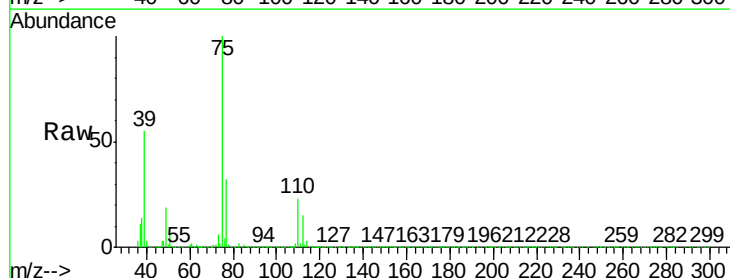
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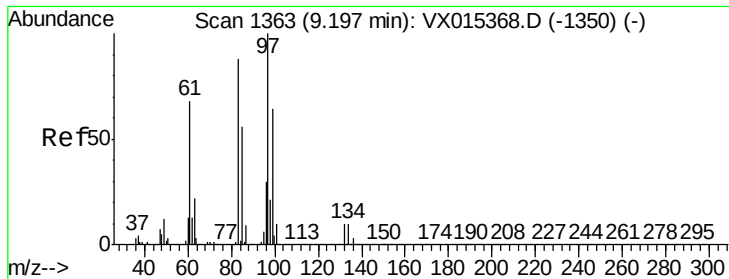
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#54
cis-1,3-Dichloropropene
Concen: 47.237 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 75 Resp: 865954
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
39 54.6 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 51.585 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

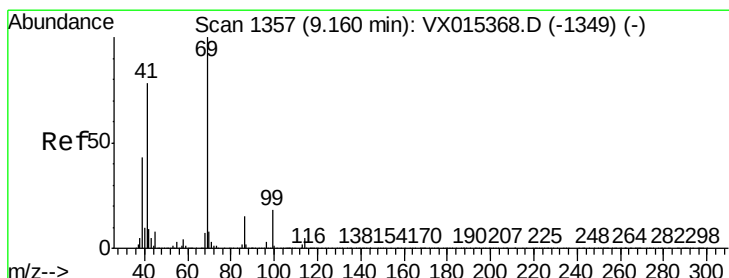
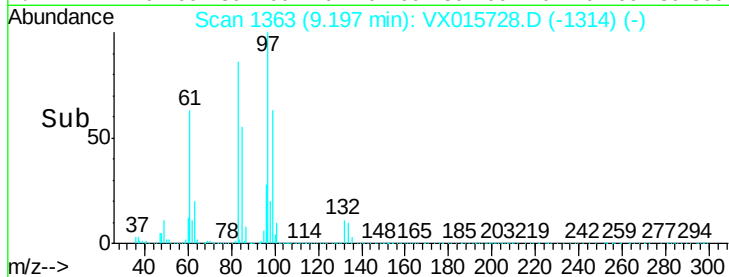
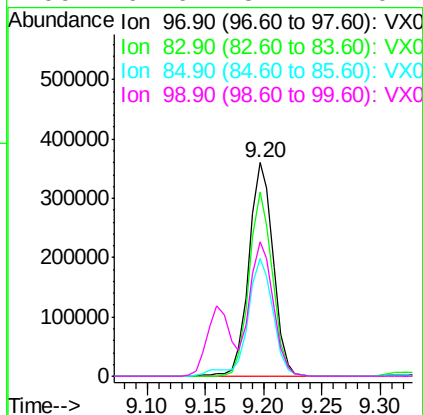
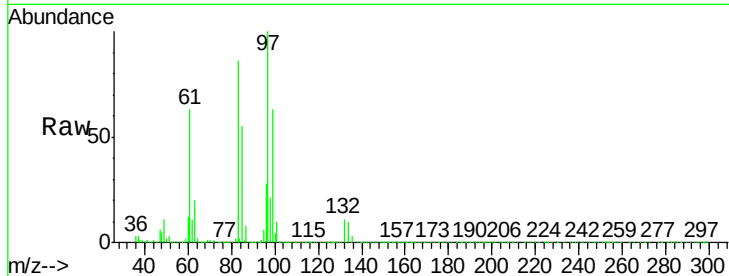
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		522901		
83	86.0	70.2	105.4		
85	55.3	44.7	67.1		
99	62.6	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 48.092 ug/l

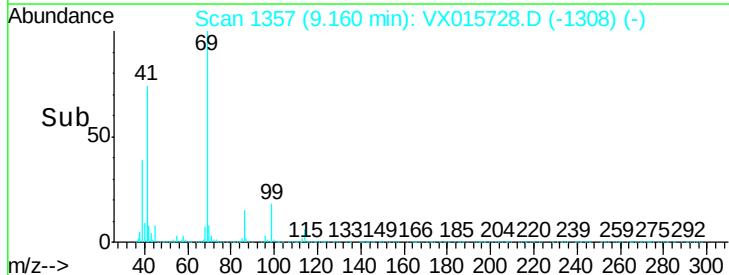
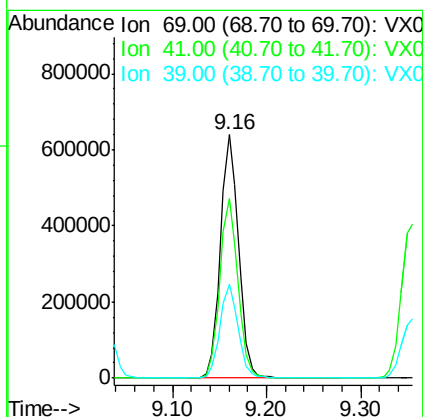
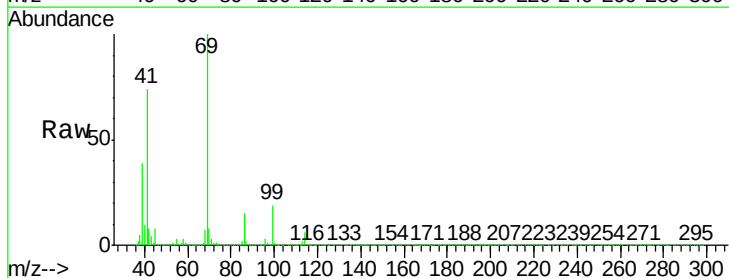
RT: 9.16 min Scan# 1357

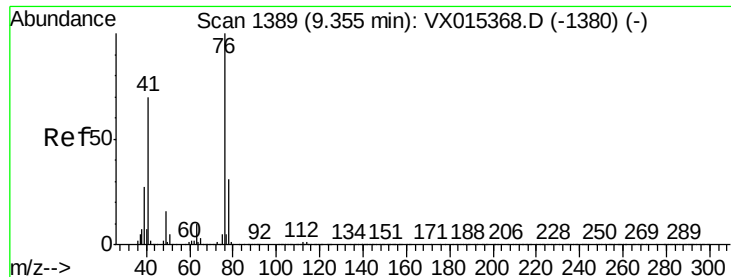
Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		859133		
41	73.3	61.6	92.4		
39	38.2	34.0	51.0		





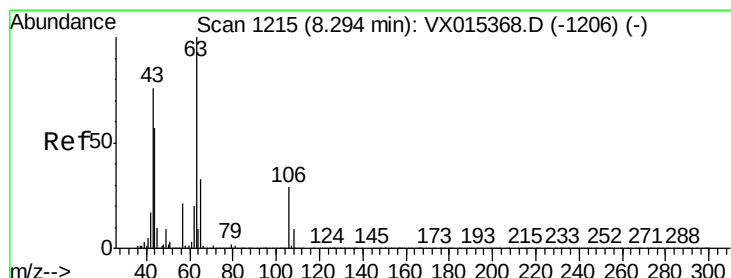
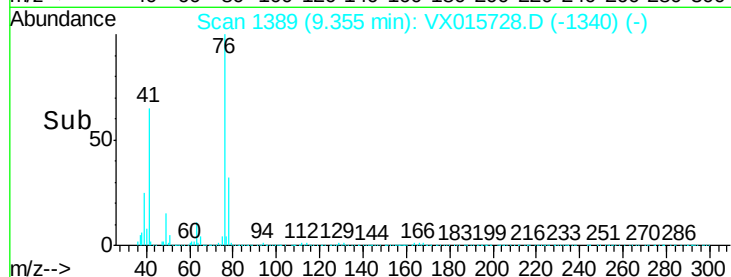
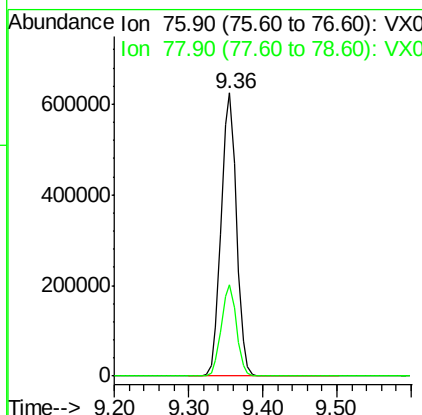
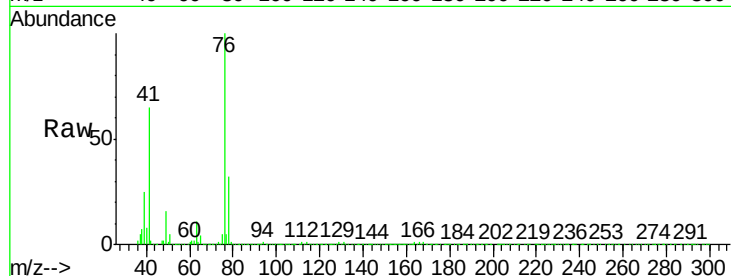
#57
 1,3-Dichloropropane
 Concen: 49.032 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 895470
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8

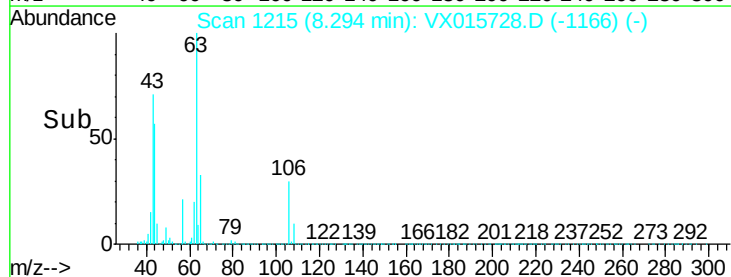
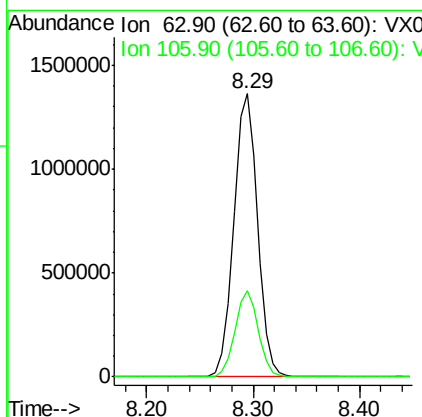
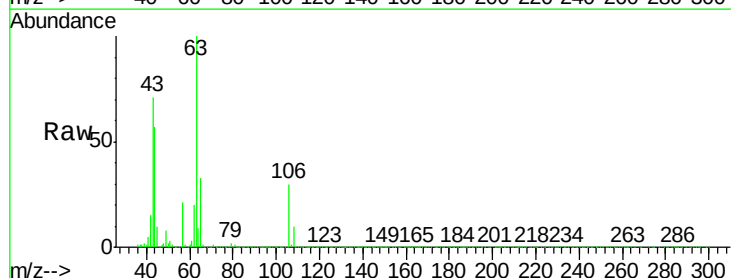
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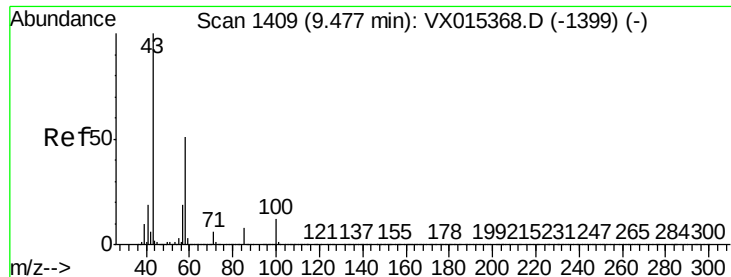
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#58
 2-Chloroethyl Vinyl ether
 Concen: 244.723 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion: 63 Resp: 2126490
 Ion Ratio Lower Upper
 63 100
 106 29.8 22.7 34.1





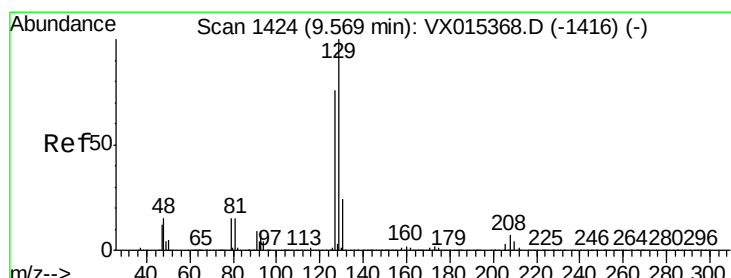
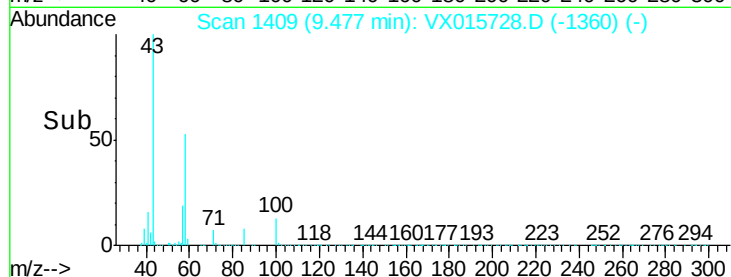
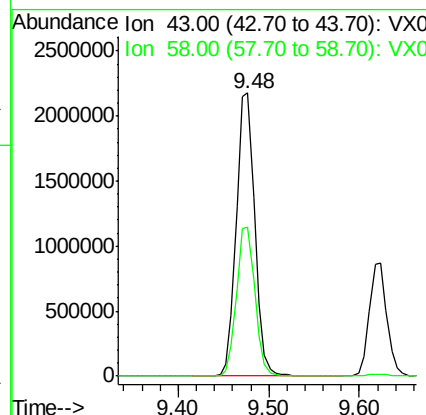
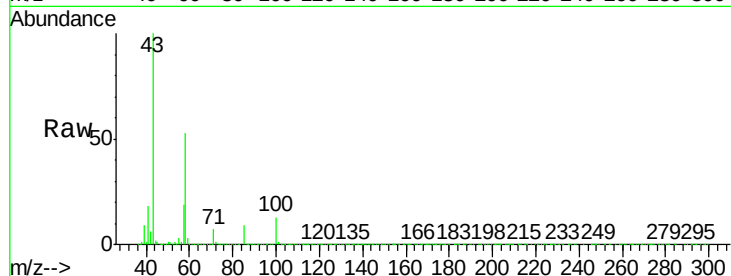
#59
2-Hexanone
Concen: 239.019 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3079507
Ion Ratio Lower Upper
43 100
58 53.0 25.6 76.6

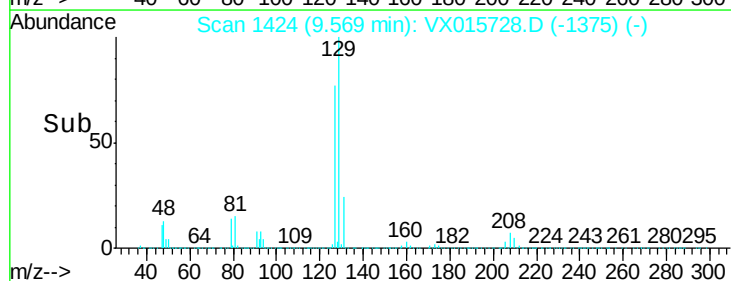
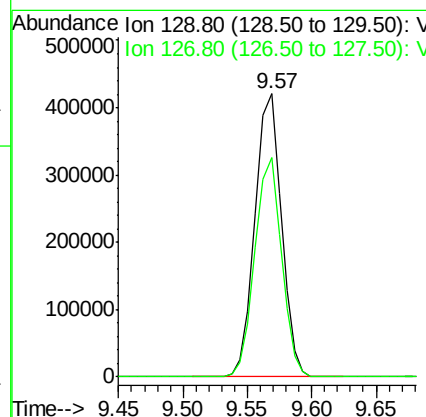
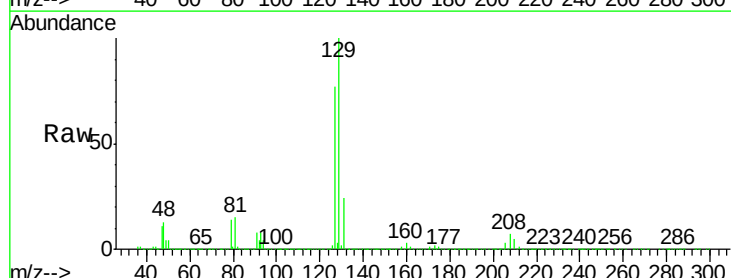
Manual Integrations
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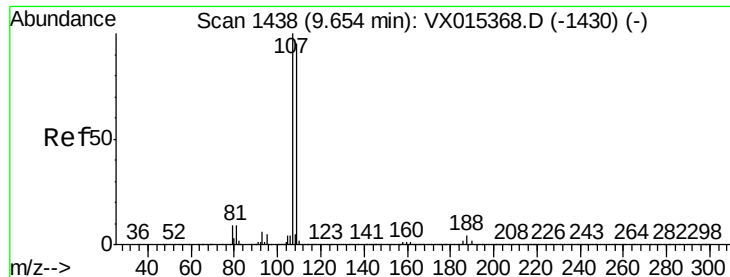
MMDadoda
4/17/2020 11:55:18 AM



#60
Dibromochloromethane
Concen: 49.001 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion:129 Resp: 596857
Ion Ratio Lower Upper
129 100
127 78.1 38.2 114.6





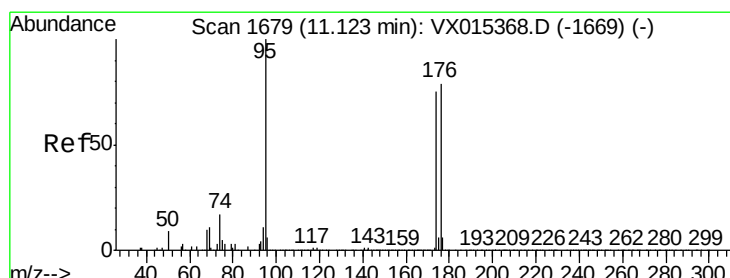
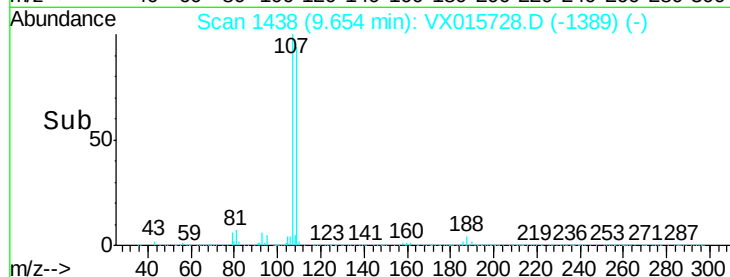
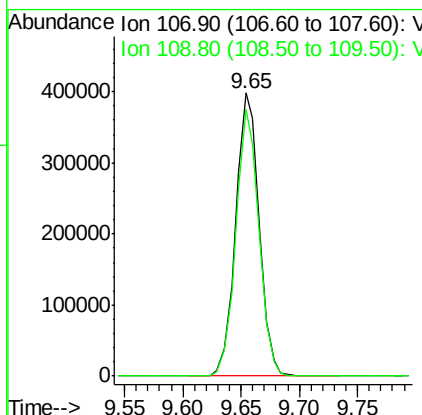
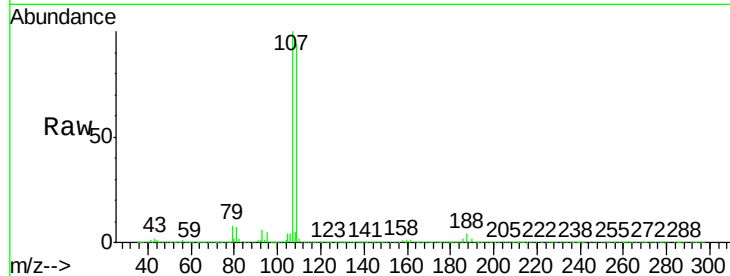
#61
 1,2-Dibromoethane
 Concen: 50.458 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	556142		
109	93.3	74.8	112.2	

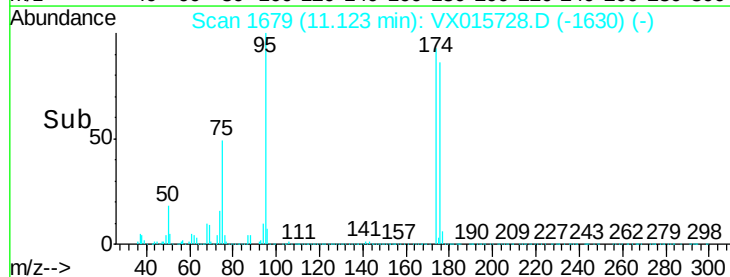
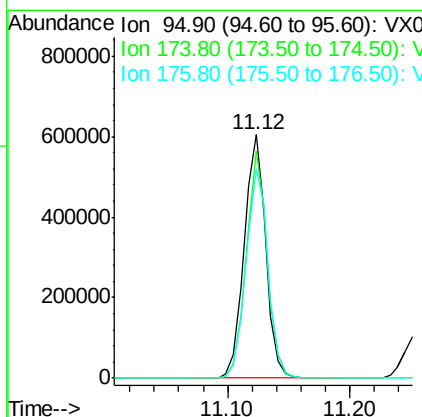
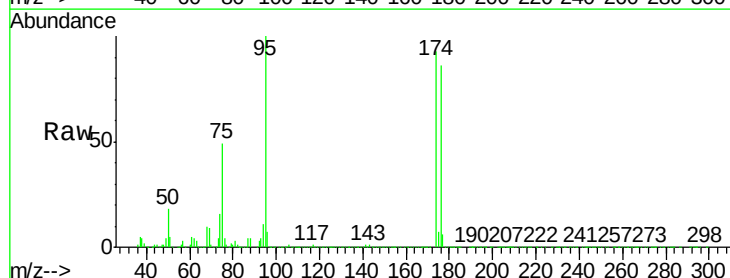
Manual Integrations
 APPROVED

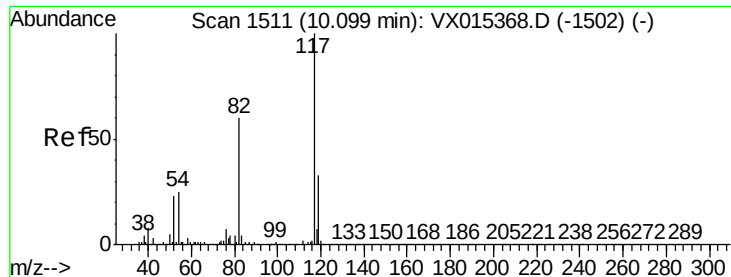
MMDadoda
 4/17/2020 11:55:18 AM



#62
 4-Bromofluorobenzene
 Concen: 51.597 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	733770		
174	90.7	0.0	158.6	
176	88.1	0.0	159.0	





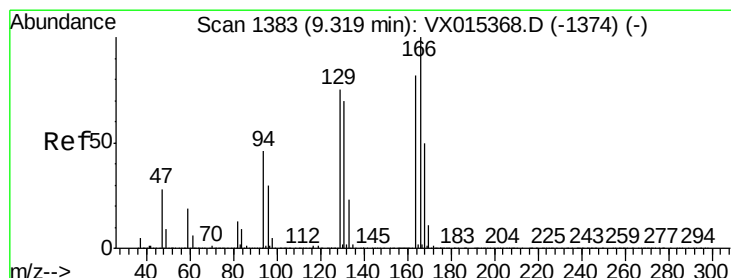
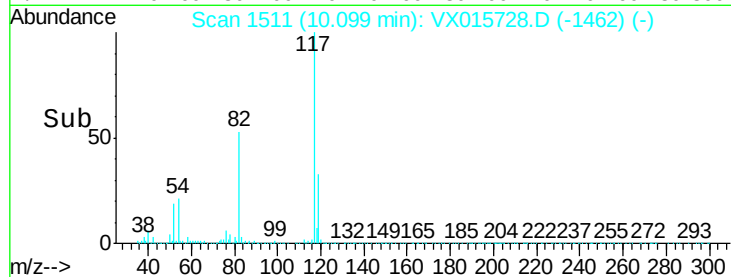
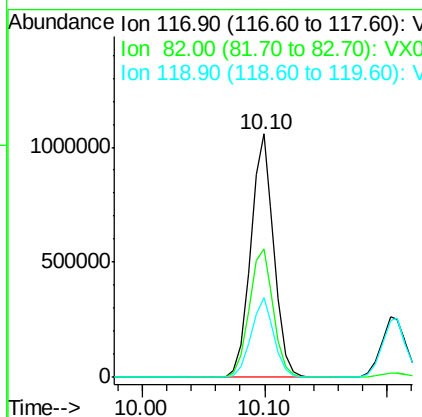
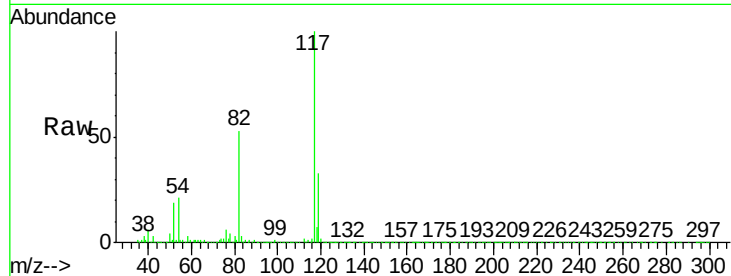
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	47.8	71.8
119	32.7	26.8	40.2

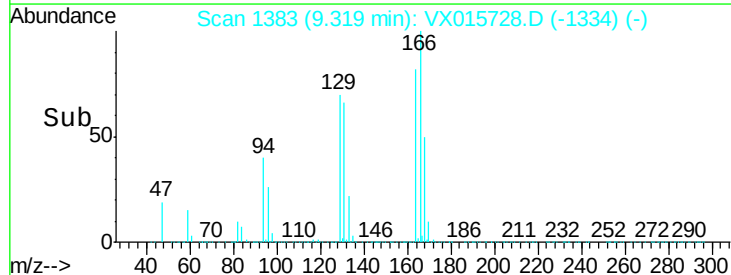
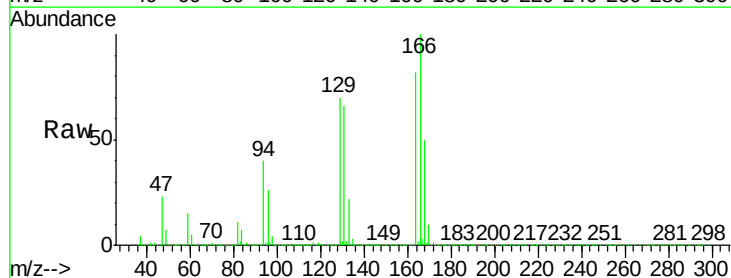
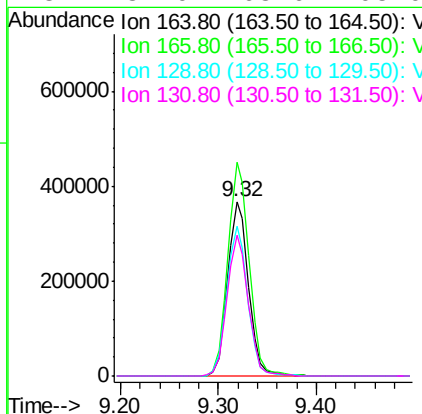
Manual Integrations
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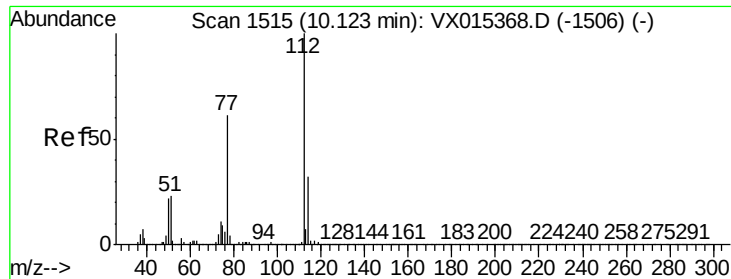
MMDadoda
4/17/2020 11:55:18 AM



#64
Tetrachloroethene
Concen: 51.941 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	97.8	146.6
129	85.7	73.0	109.4
131	81.0	68.6	103.0





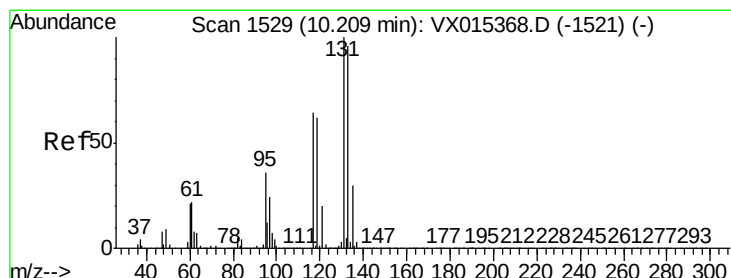
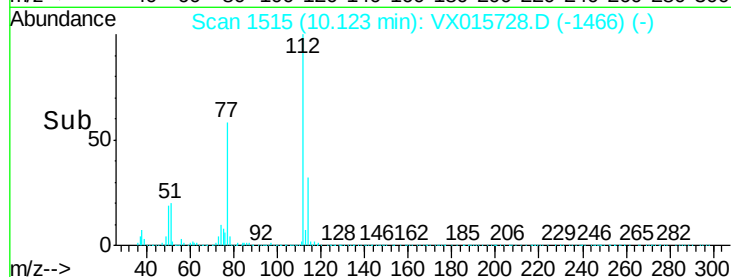
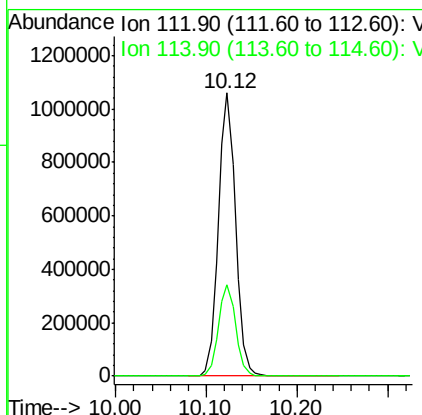
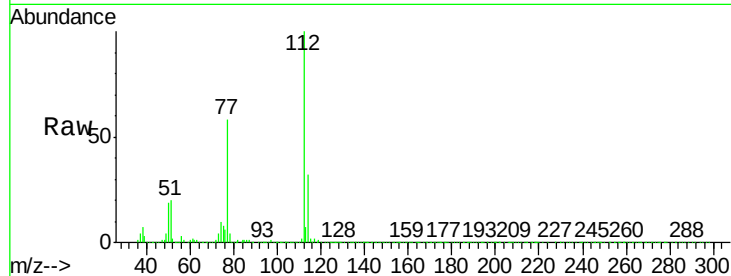
#65
Chlorobenzene
Concen: 50.744 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1402513
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

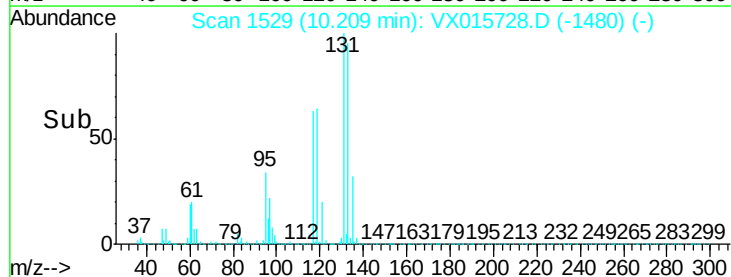
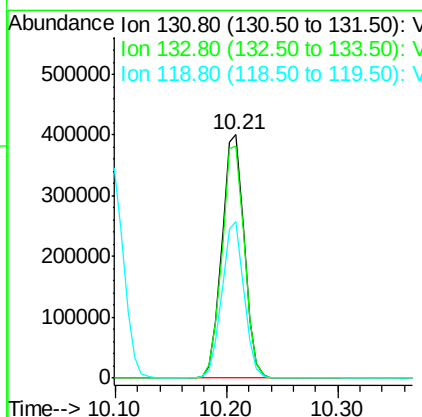
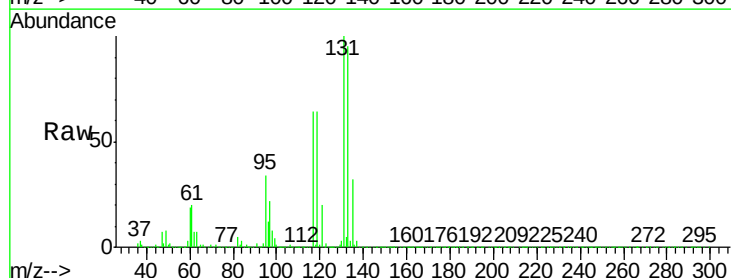
Manual Integrations
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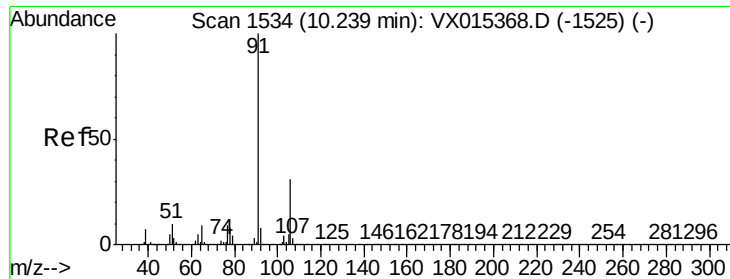
MMDadoda
4/17/2020 11:55:18 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.401 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion:131 Resp: 556530
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 63.3 31.1 93.3





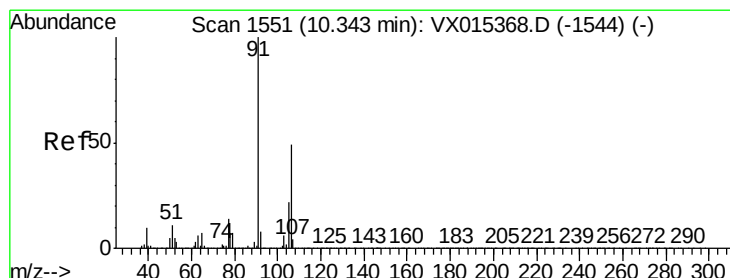
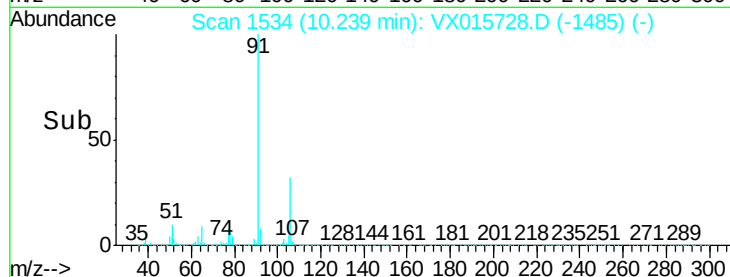
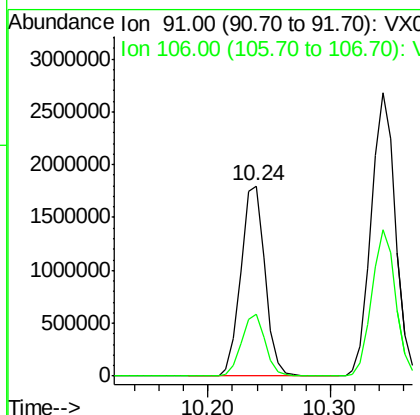
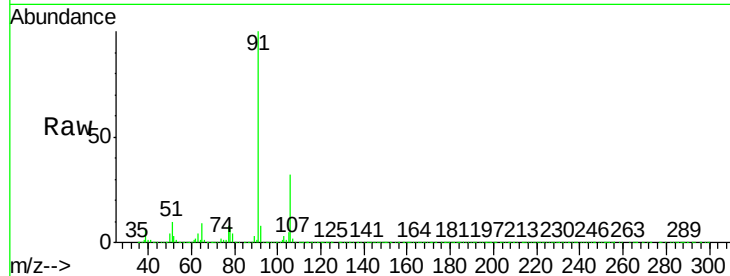
#67
Ethyl Benzene
Concen: 50.039 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2452966
Ion Ratio Lower Upper
91 100
106 32.3 24.8 37.2

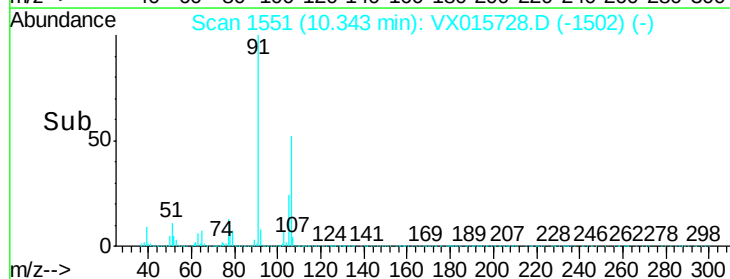
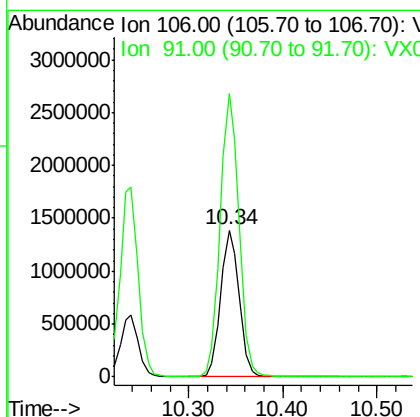
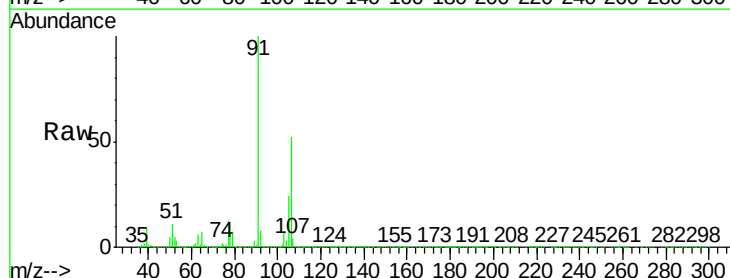
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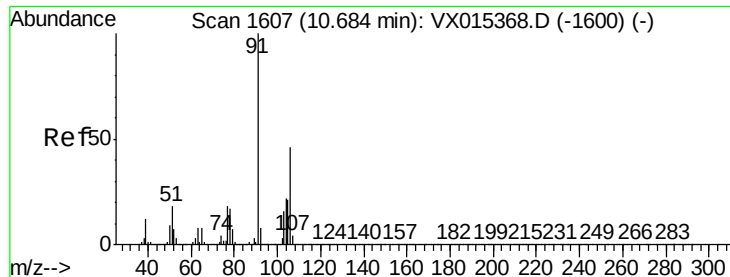
MMDadoda
4/17/2020 11:55:18 AM



#68
m/p-Xylenes
Concen: 103.332 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion: 106 Resp: 1886185
Ion Ratio Lower Upper
106 100
91 196.1 163.4 245.0





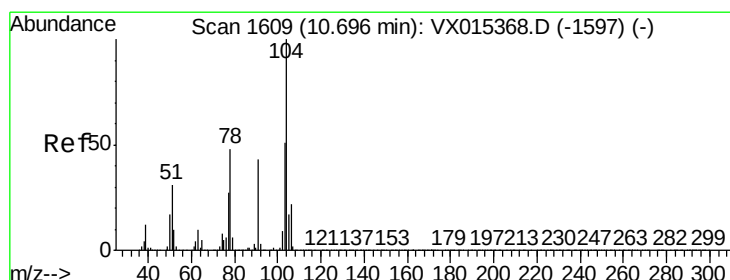
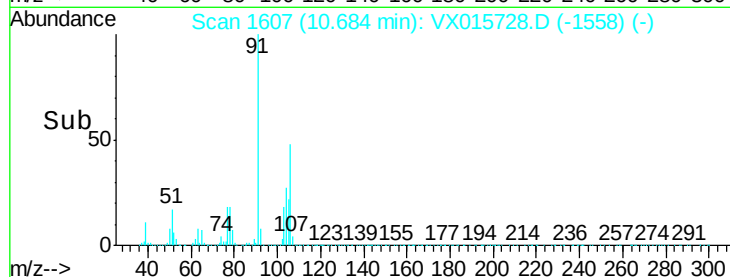
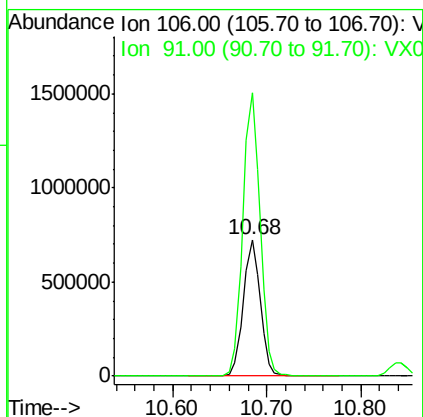
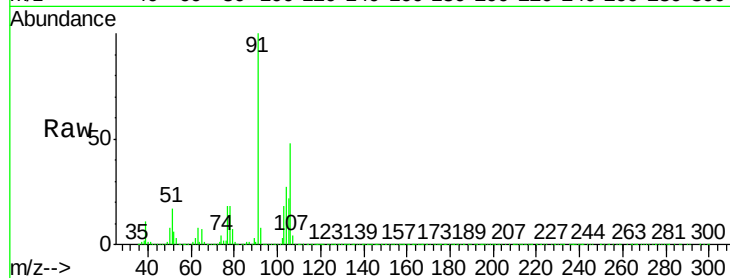
#69
o-Xylene
Concen: 50.467 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.3	107.1	321.3

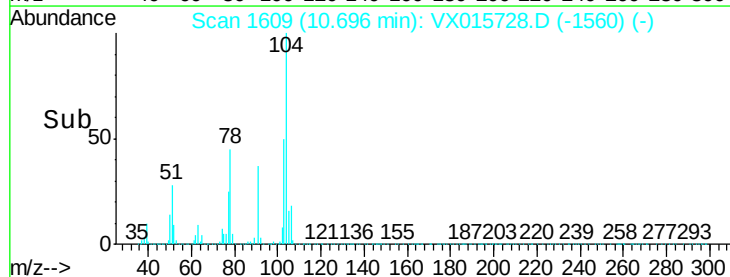
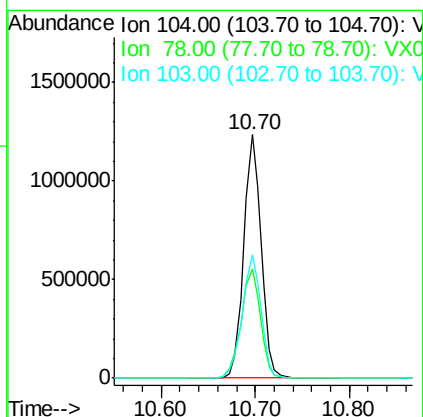
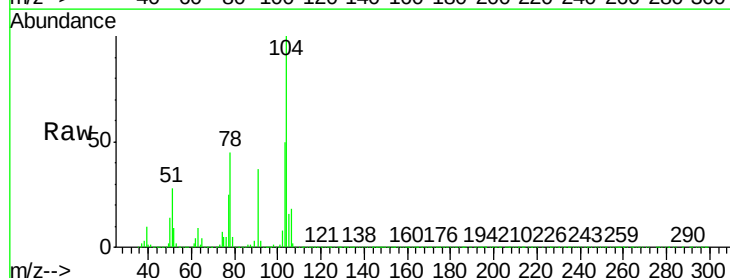
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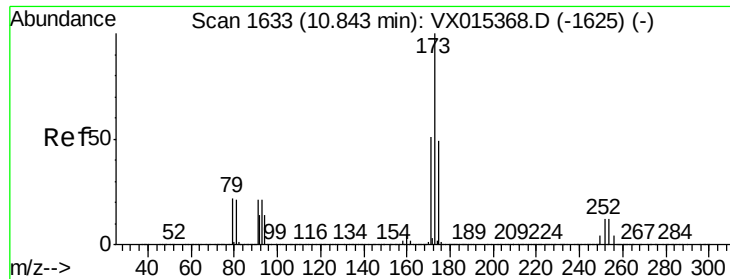
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#70
Styrene
Concen: 50.128 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.2	42.0	63.0
103	54.5	43.4	65.0





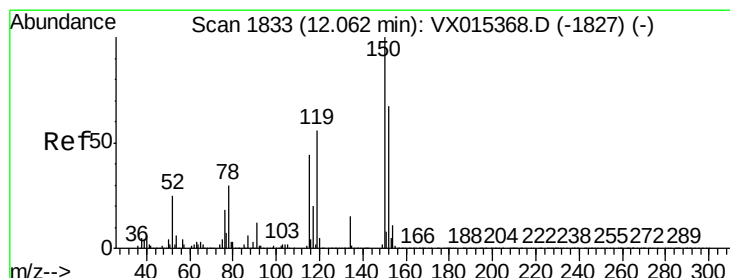
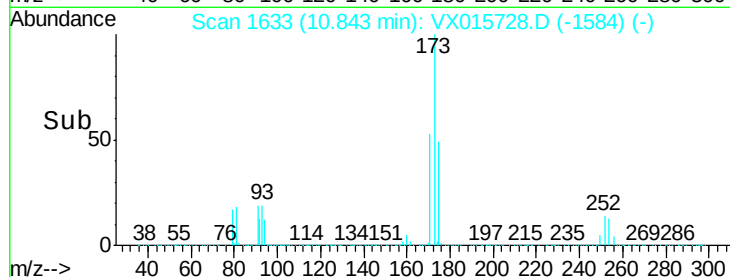
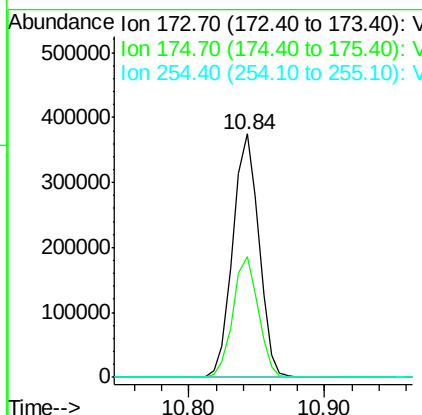
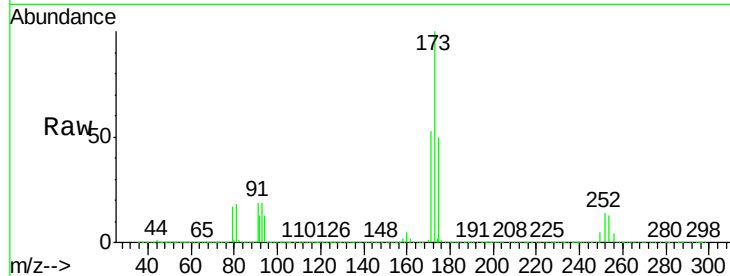
#71
Bromoform
Concen: 49.711 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.9	71.7
254	0.0	0.1	0.1#

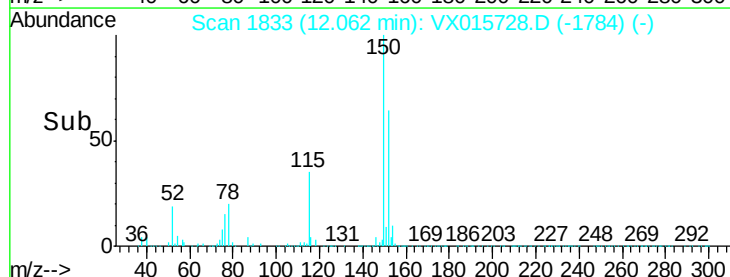
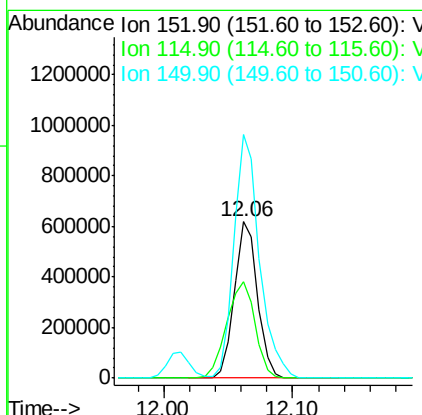
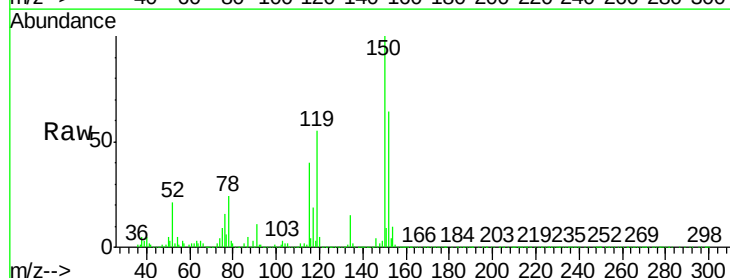
Manual Integrations
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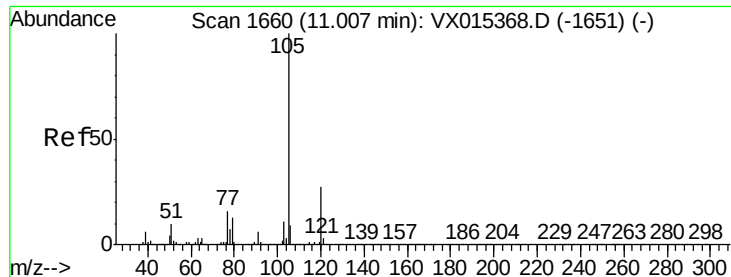
MMDadoda
4/17/2020 11:55:18 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.0	39.0	116.9
150	172.0	0.0	340.8





#73

Isopropylbenzene

Concen: 48.214 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2441222

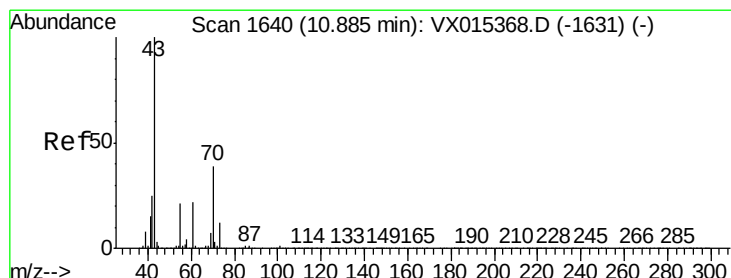
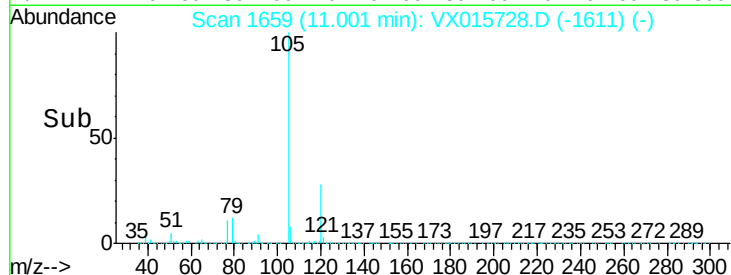
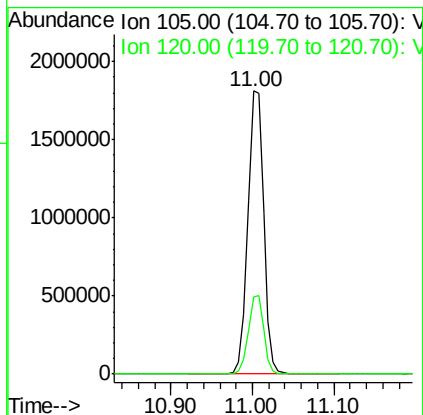
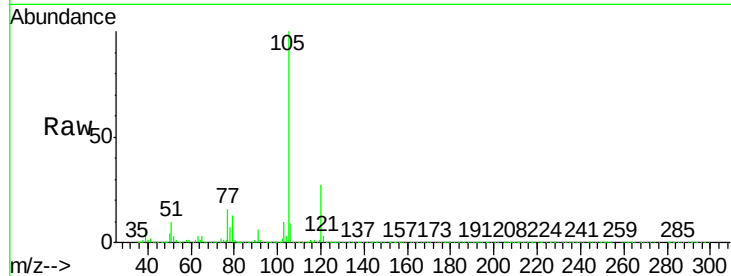
Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5

Manual Integrations
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4/17/2020 11:55:18 AM



#74

N-ethyl acetate

Concen: 41.454 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion: 43 Resp: 1167404

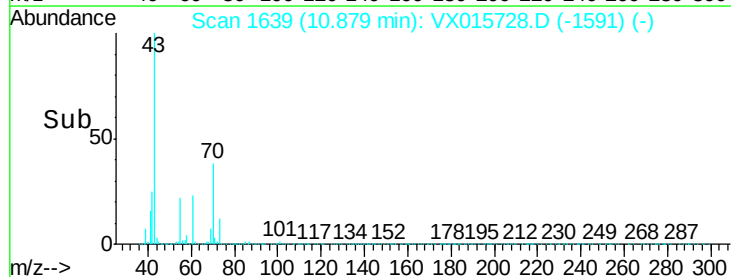
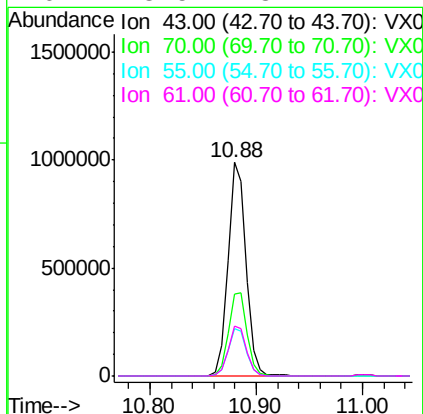
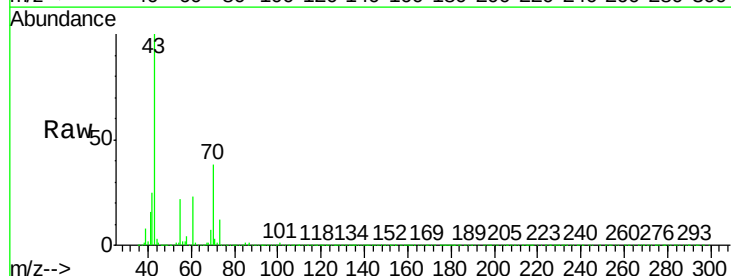
Ion Ratio Lower Upper

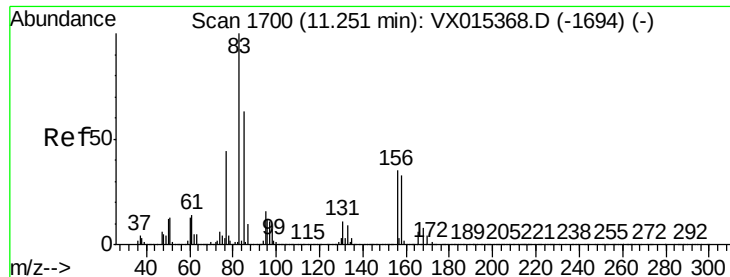
43 100

70 40.2 30.2 45.4

55 22.7 16.8 25.2

61 23.5 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.408 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

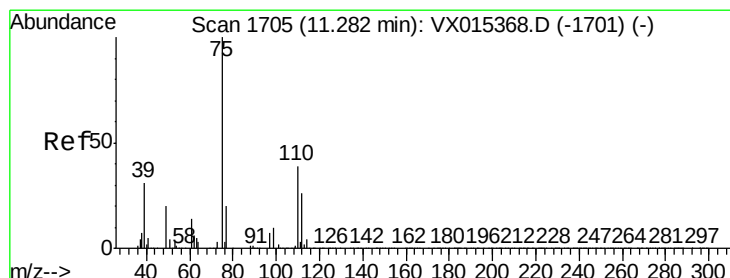
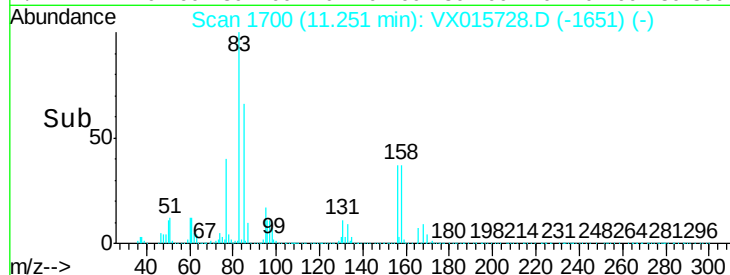
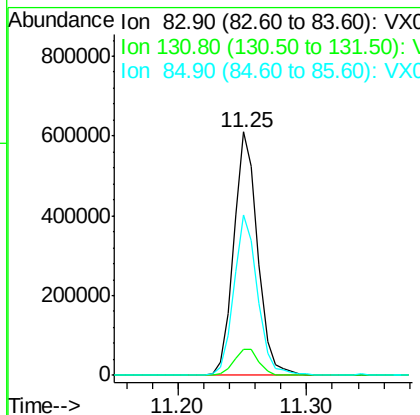
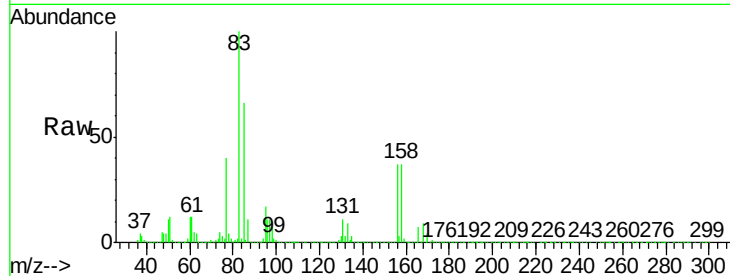
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	788924
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.3	16.1
85	65.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.202 ug/l m

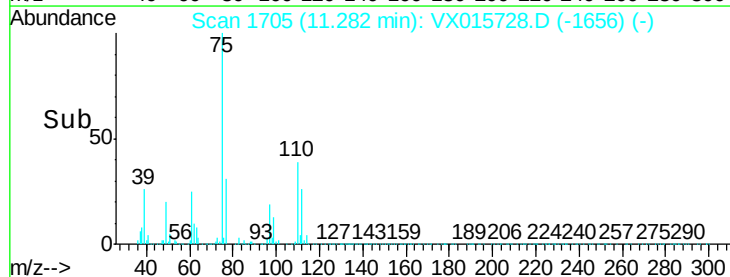
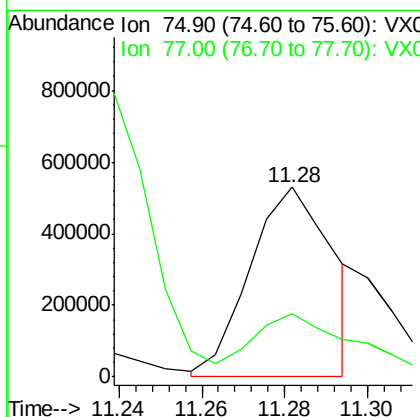
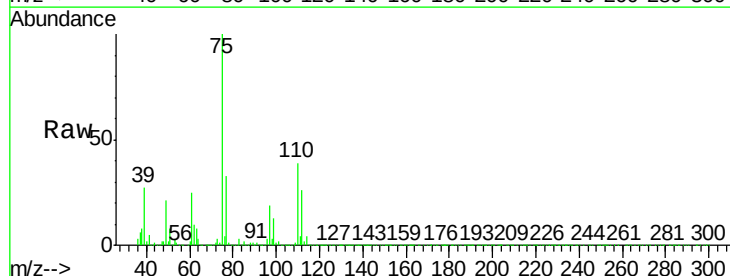
RT: 11.28 min Scan# 1705

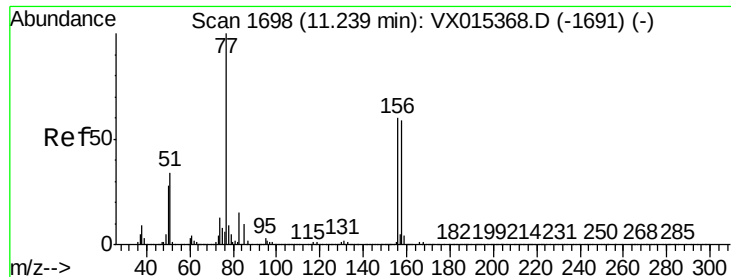
Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion:	75	Resp:	734201
Ion Ratio	Lower	Upper	
75	100		
77	41.4	21.2	63.6





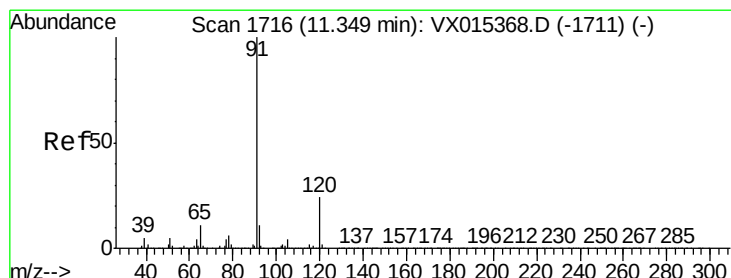
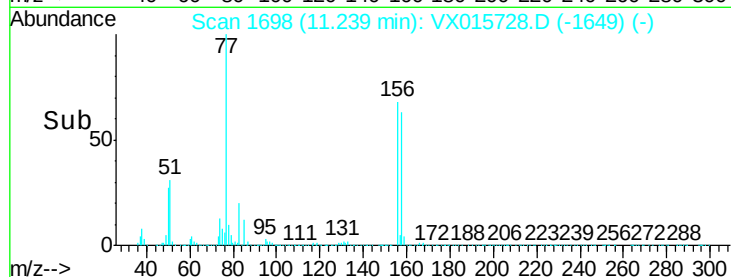
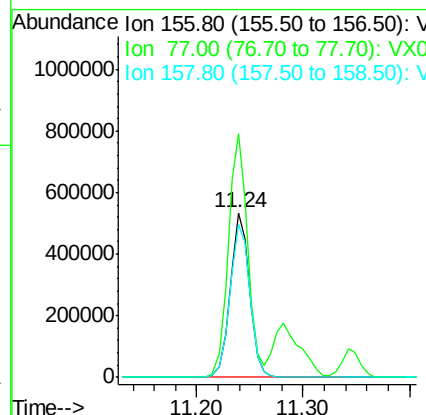
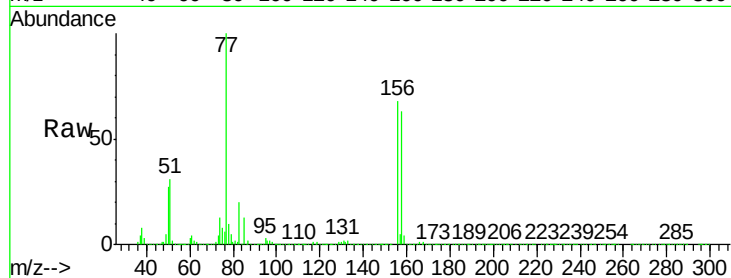
#77
Bromobenzene
Concen: 49.569 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.8	82.2	246.5
158	96.9	49.3	147.9

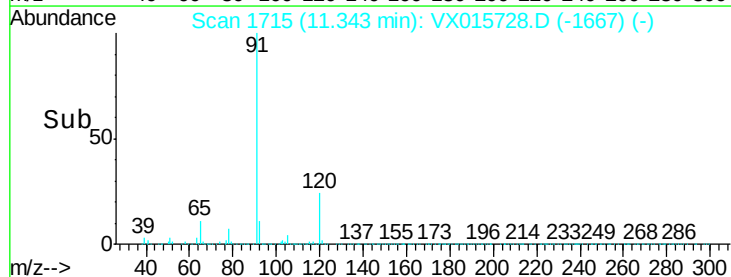
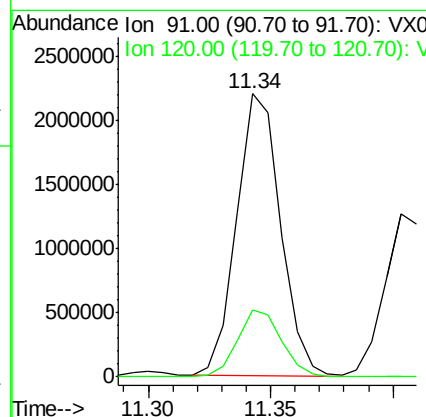
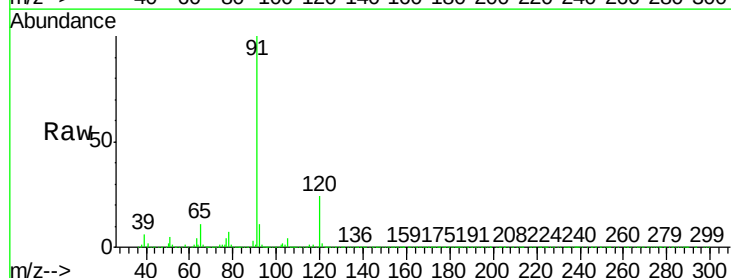
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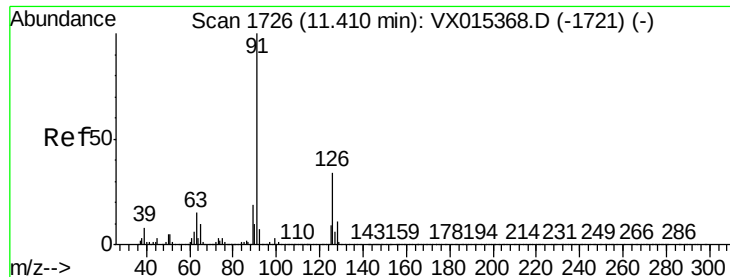
MMDadoda
4/17/2020 11:55:18 AM



#78
n-propylbenzene
Concen: 47.372 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.7	35.0





#79

2-Chlorotoluene

Concen: 46.466 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1648931

Ion Ratio Lower Upper

91 100

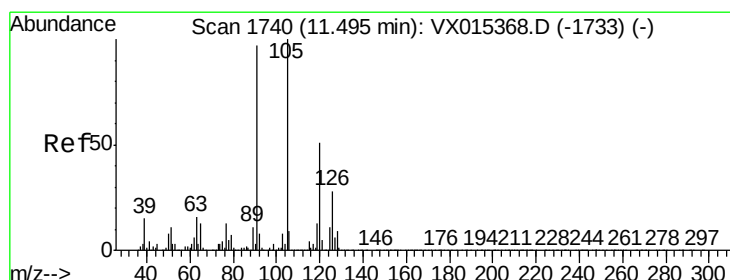
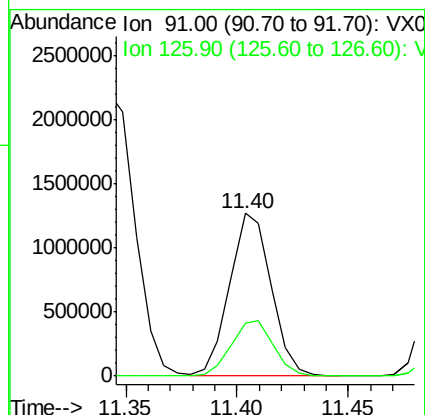
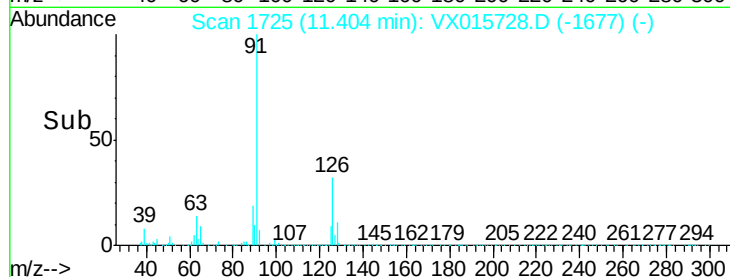
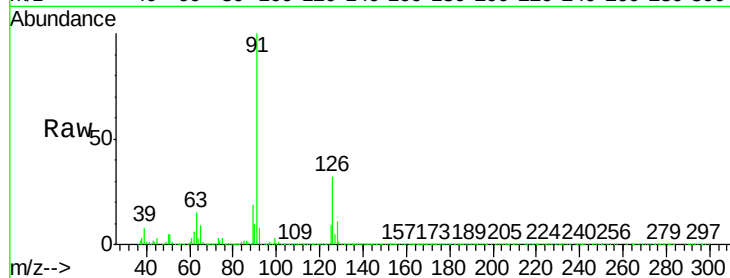
126 34.8 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.870 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015728.D

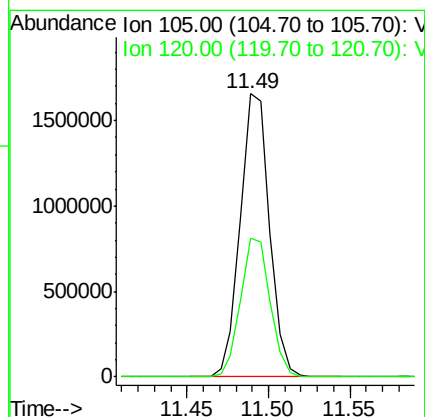
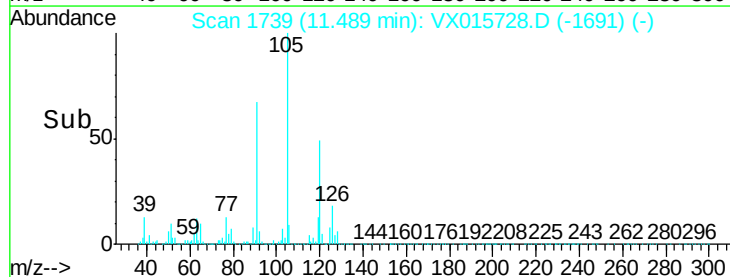
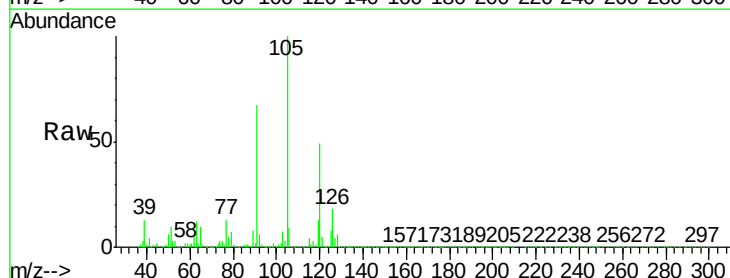
Acq: 16 Apr 2020 21:17

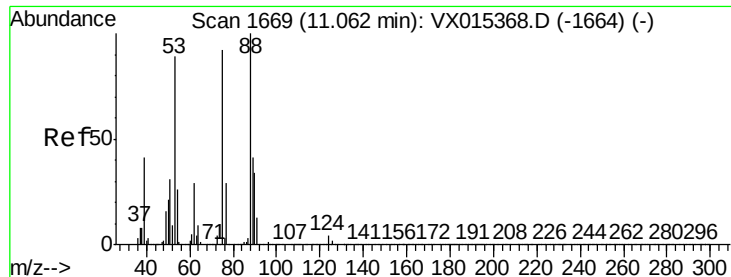
Tgt Ion: 105 Resp: 2070025

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





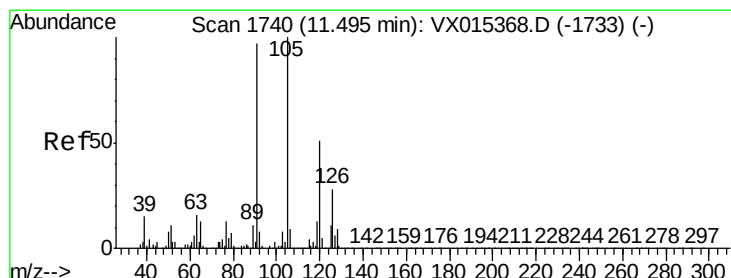
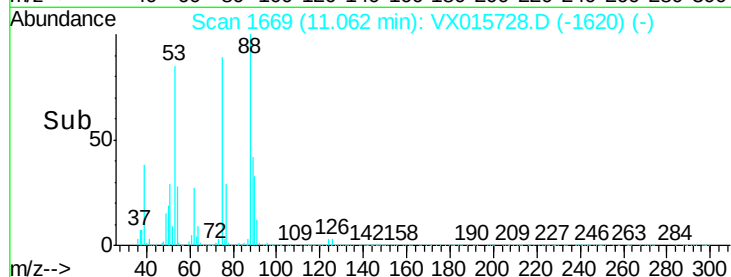
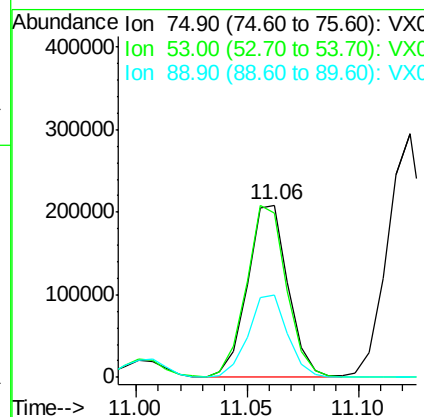
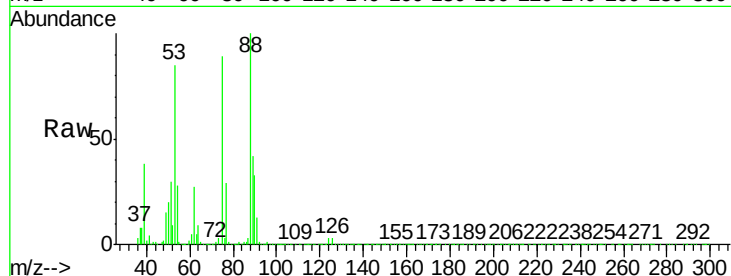
#81
trans-1,4-Dichloro-2-butene
Concen: 40.004 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.1	80.1	120.1
89	46.1	36.1	54.1

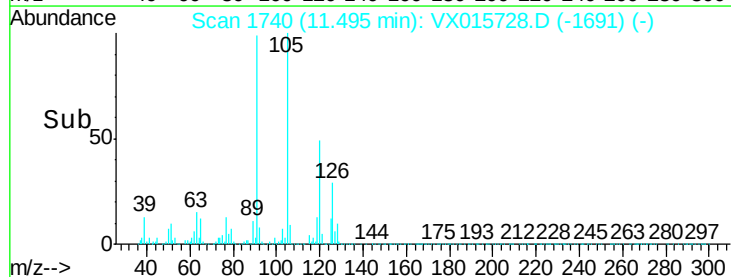
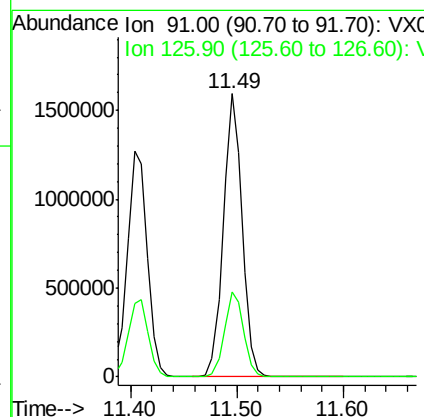
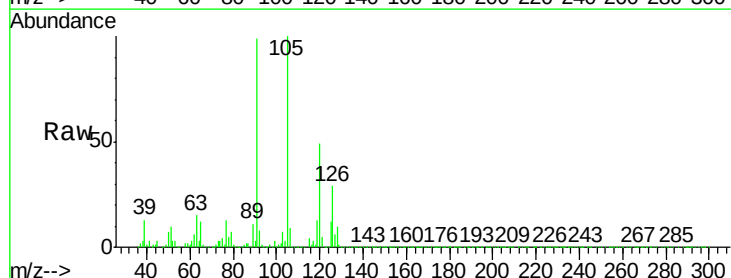
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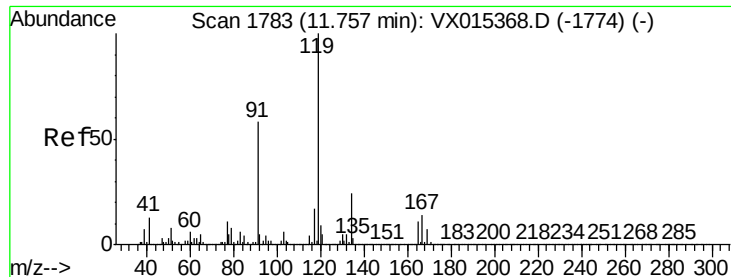
MMDadoda
4/17/2020 11:55:18 AM



#82
4-Chlorotoluene
Concen: 46.878 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.7	44.1





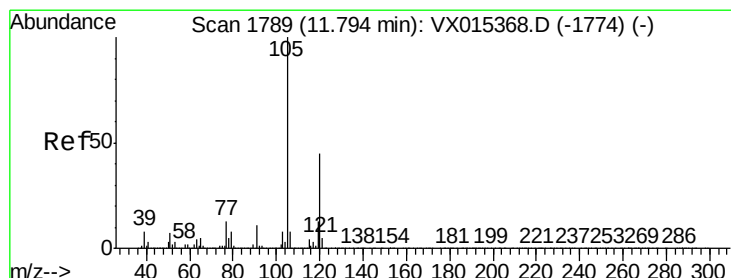
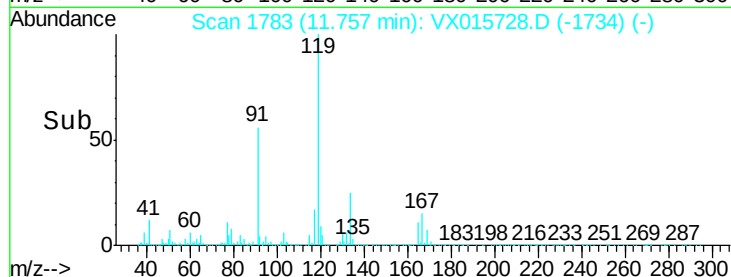
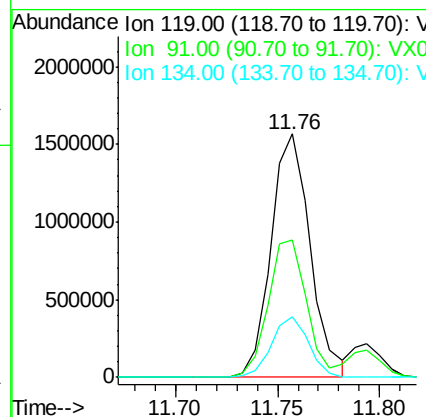
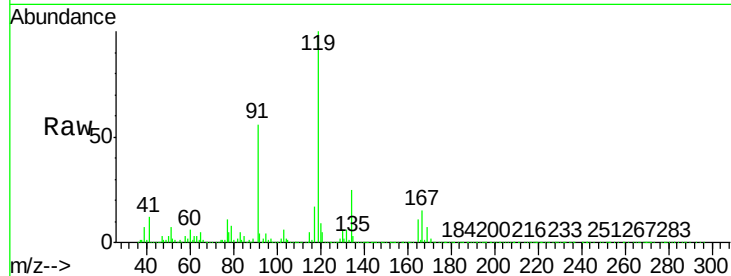
#83
 tert-Butylbenzene
 Concen: 49.628 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.1	28.6	85.8
134	23.7	11.8	35.3

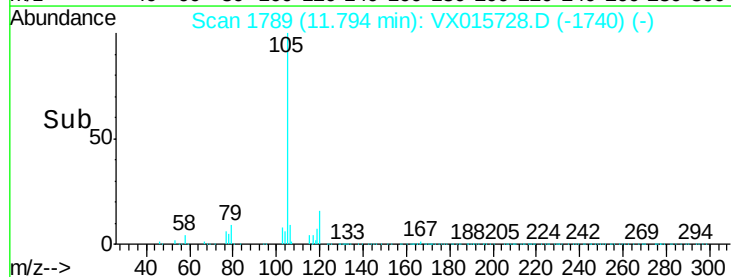
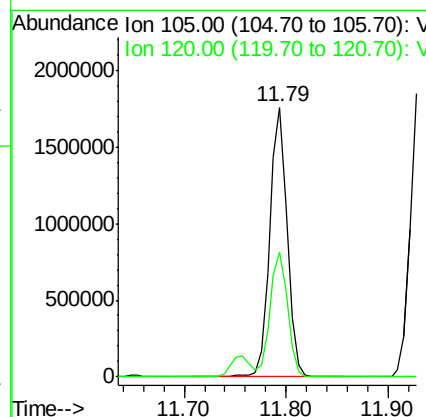
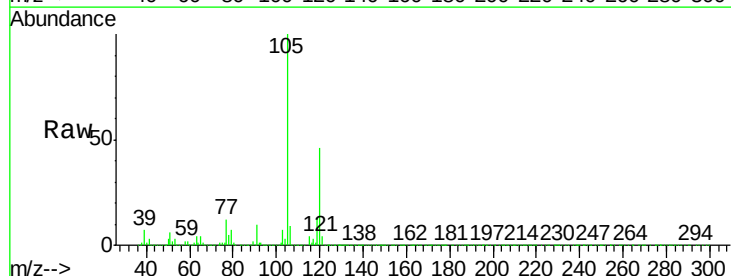
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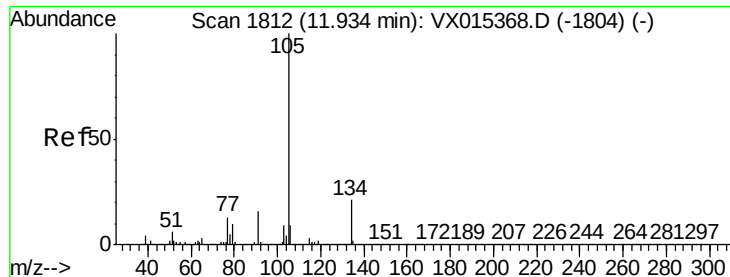
MMDadoda
 4/17/2020 11:55:18 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 47.480 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 49.438 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2415038

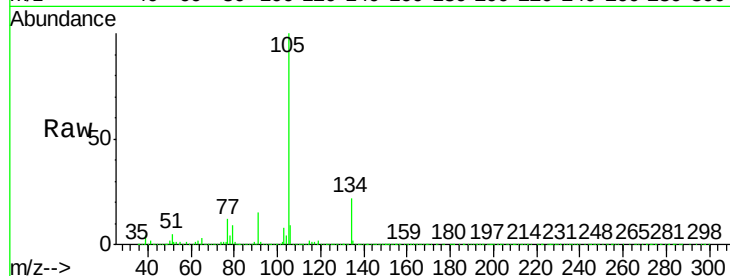
Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1

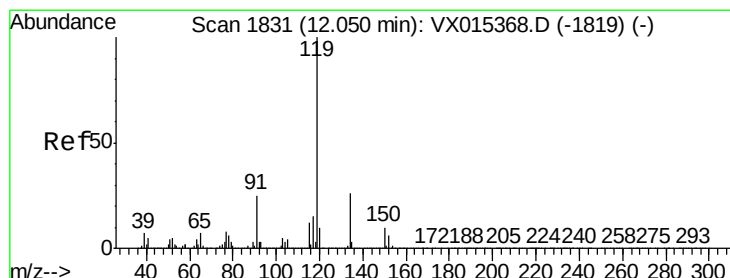
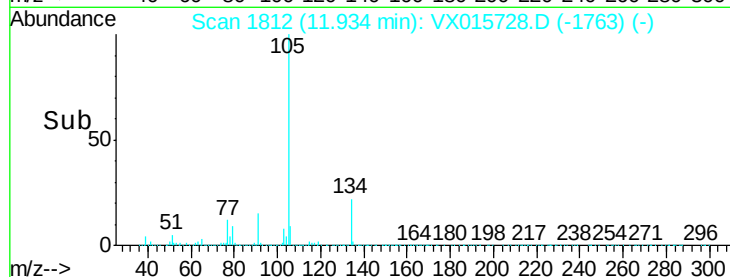
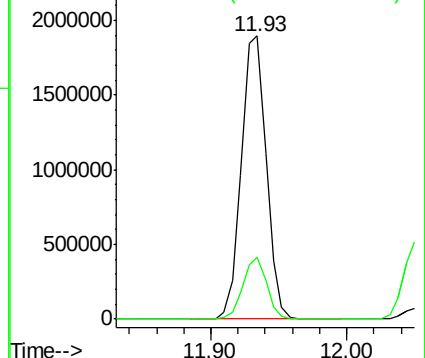
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.802 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

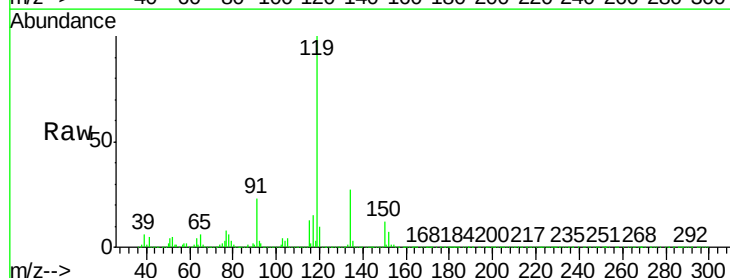
Tgt Ion:119 Resp: 2258533

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

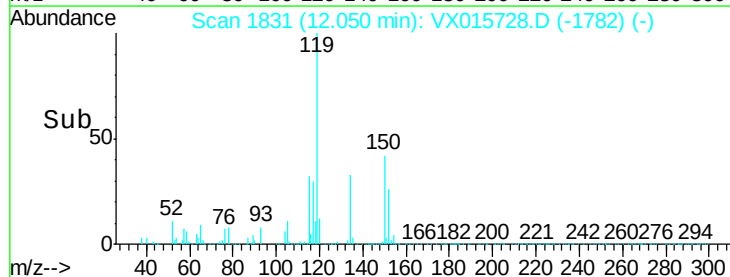
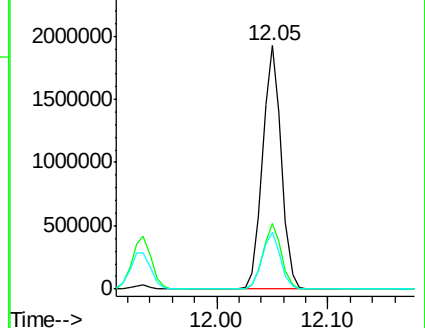
91 23.0 12.4 37.4

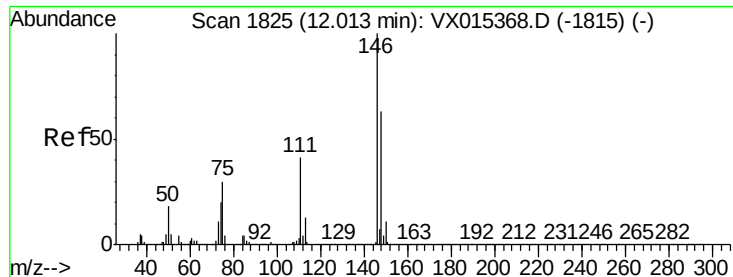


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.851 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

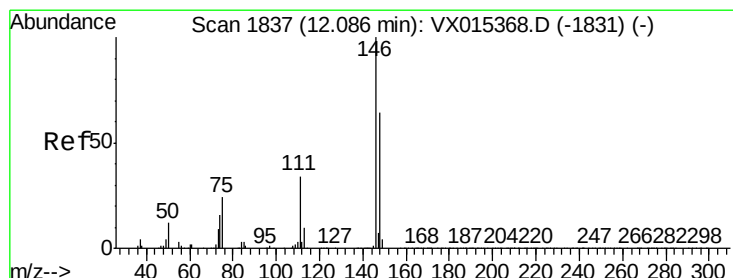
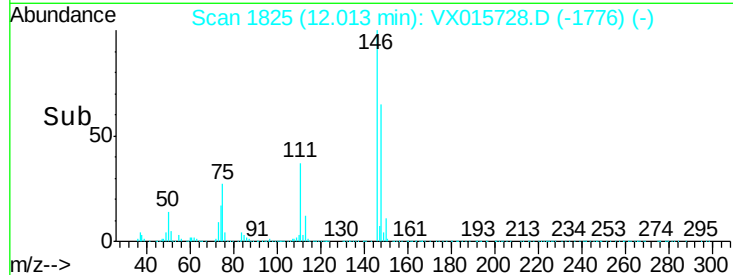
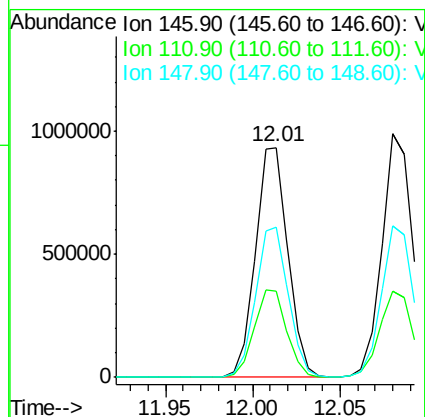
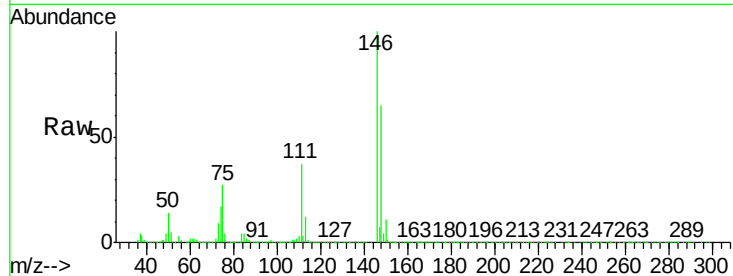
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.3	60.9
148	65.3	31.3	93.9

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#88

1,4-Dichlorobenzene

Concen: 49.142 ug/l

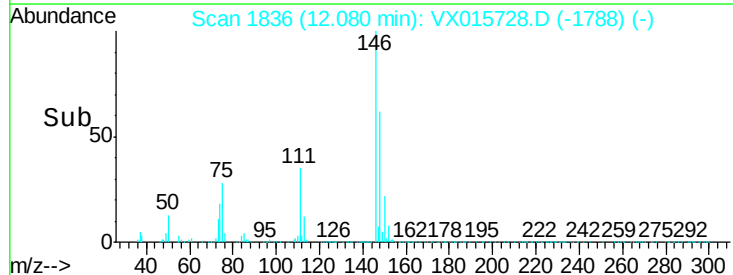
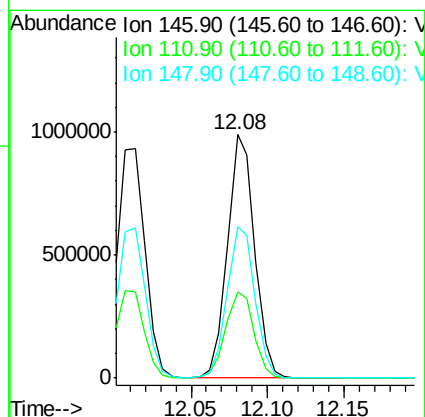
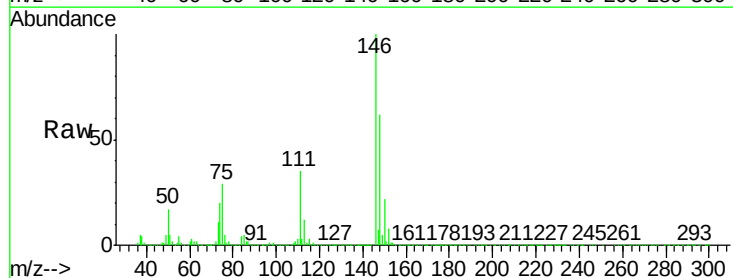
RT: 12.08 min Scan# 1836

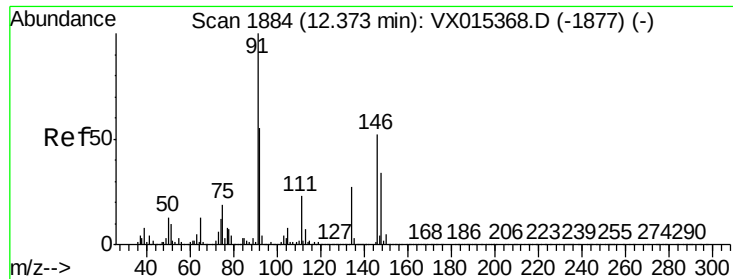
Delta R.T. -0.01 min

Lab File: VX015728.D

Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.5
148	64.0	32.4	97.2





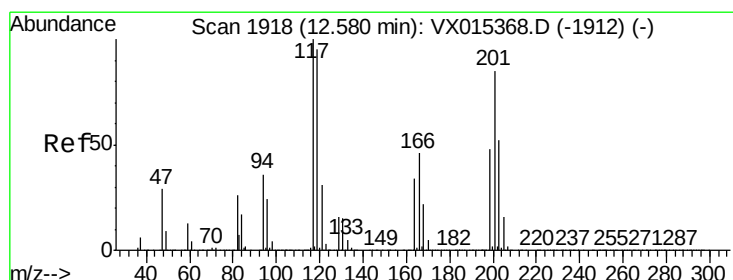
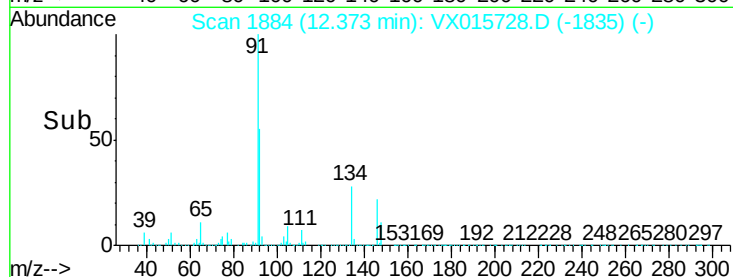
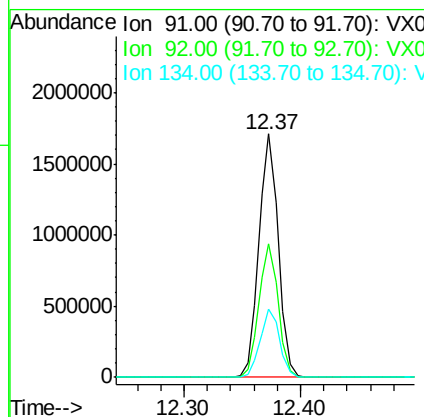
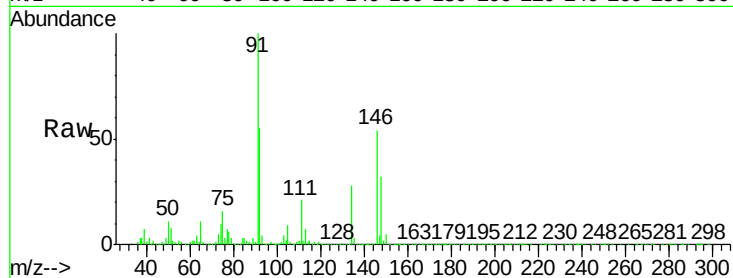
#89
n-Butylbenzene
Concen: 48.399 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.5
134	27.9	13.4	40.2

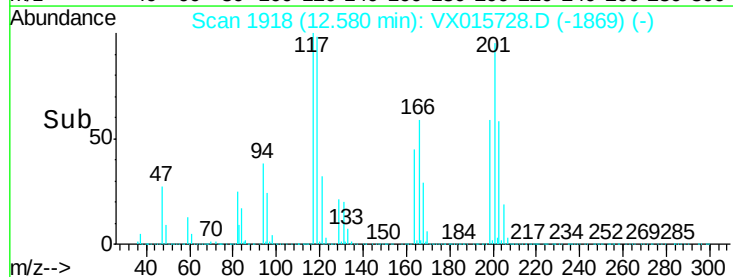
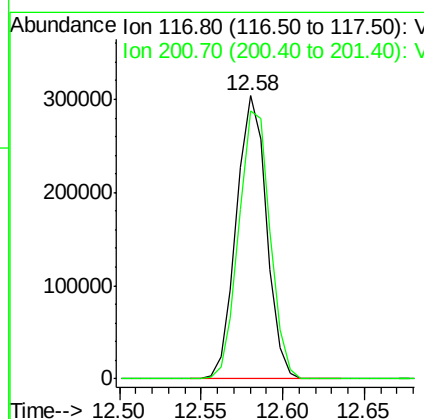
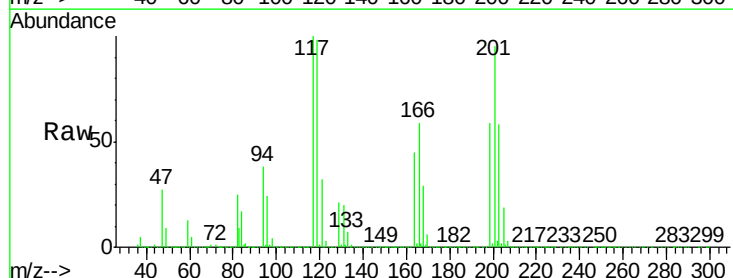
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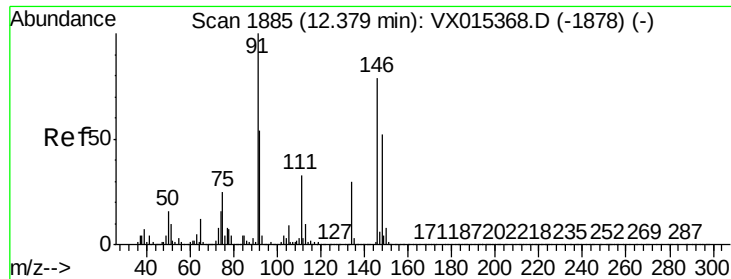
MMDadoda
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#90
Hexachloroethane
Concen: 44.286 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.5	42.6	128.0





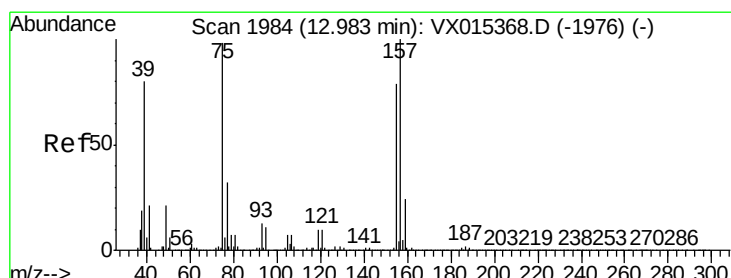
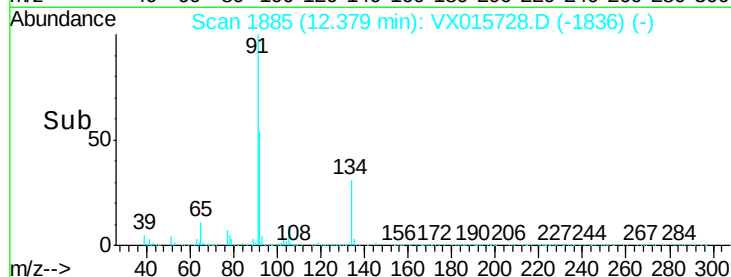
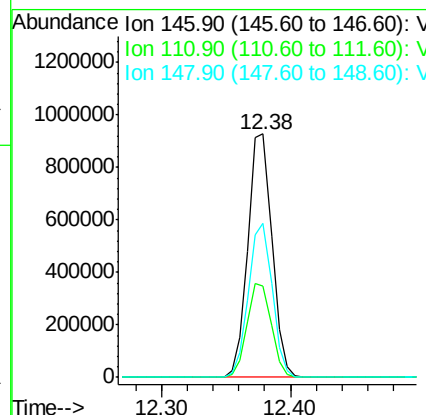
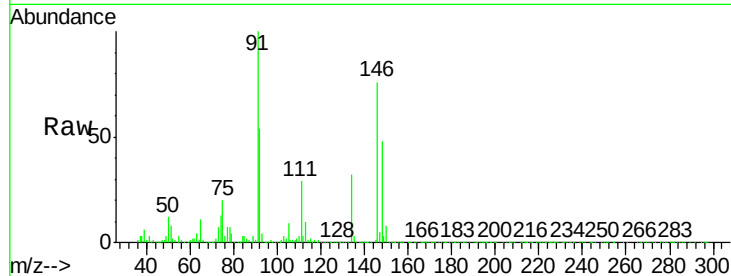
#91
 1,2-Dichlorobenzene
 Concen: 50.691 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	21.0	63.0
148	62.0	32.4	97.0

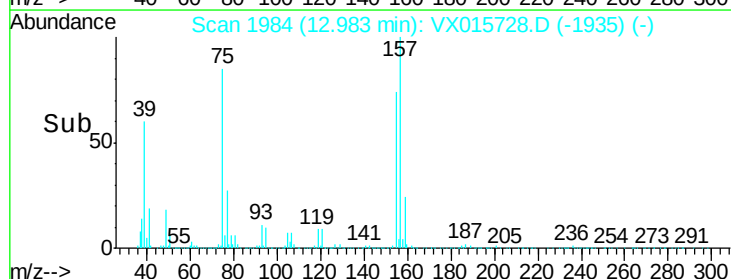
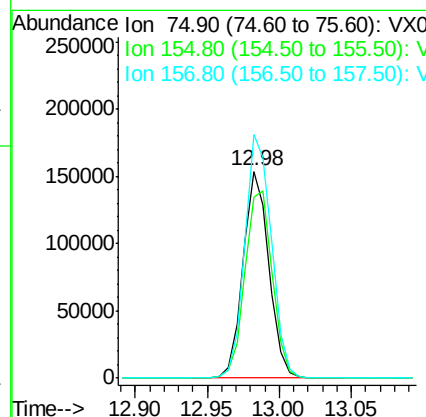
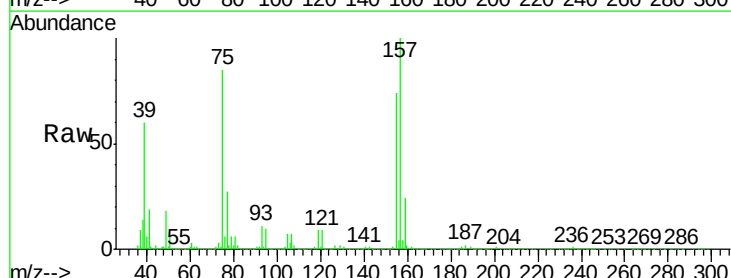
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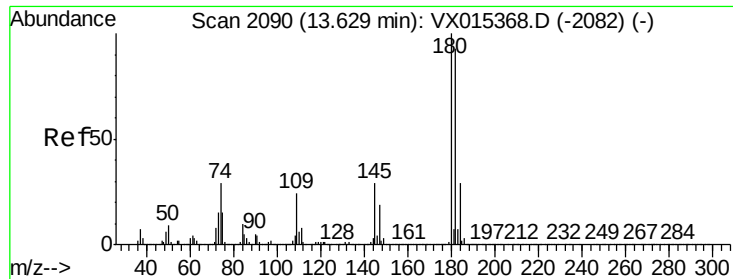
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 4/17/2020 11:55:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.839 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	42.8	128.4
157	121.7	53.4	160.3





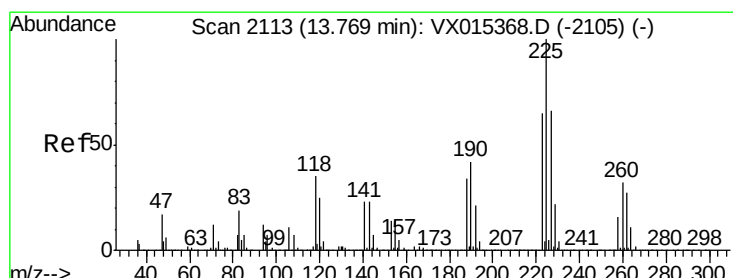
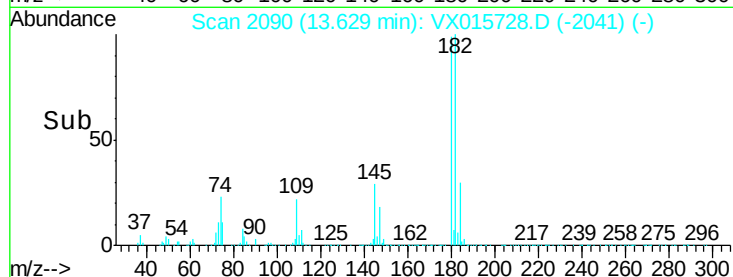
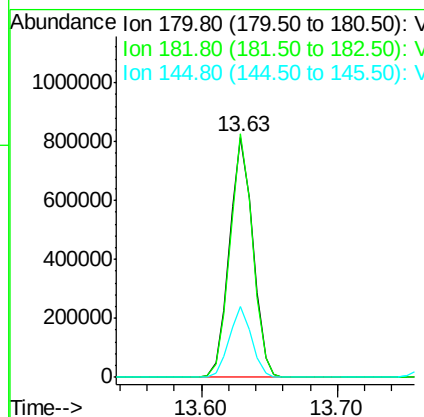
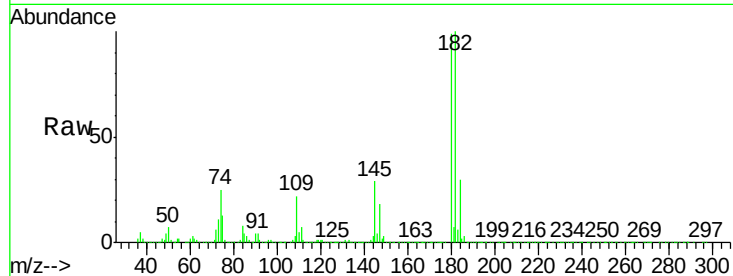
#93
 1,2,4-Trichlorobenzene
 Concen: 51.917 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	971685		
182	97.9	46.9	140.7	
145	28.1	14.9	44.5	

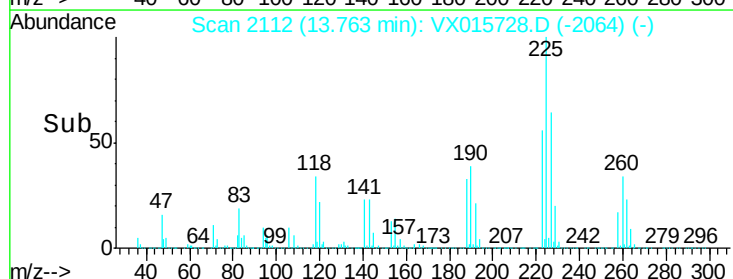
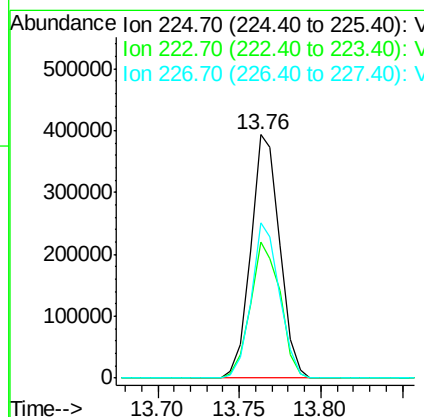
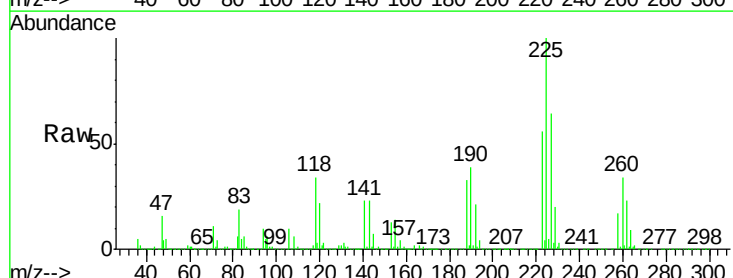
Manual Integrations
 APPROVED

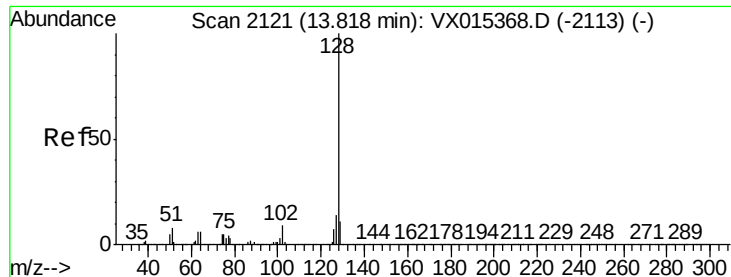
MMDadoda
 4/17/2020 11:55:18 AM



#94
 Hexachlorobutadiene
 Concen: 54.548 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015728.D
 Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	486068		
223	57.6	31.9	95.7	
227	62.2	30.4	91.3	





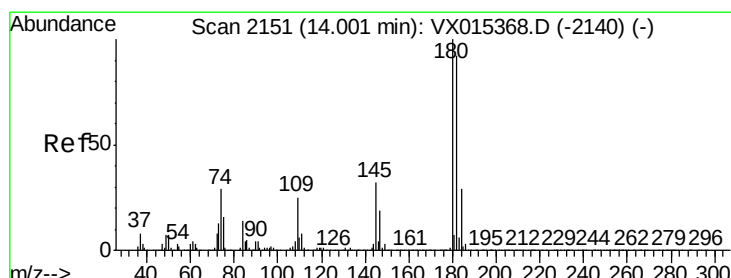
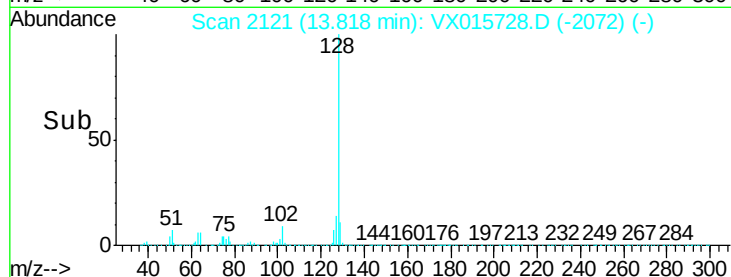
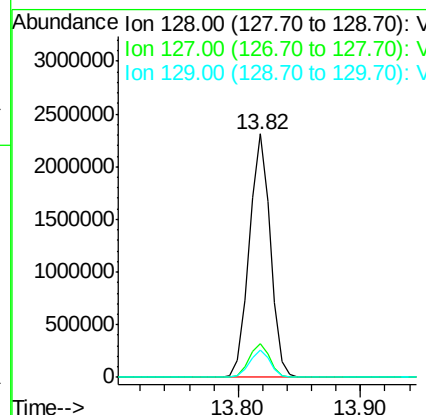
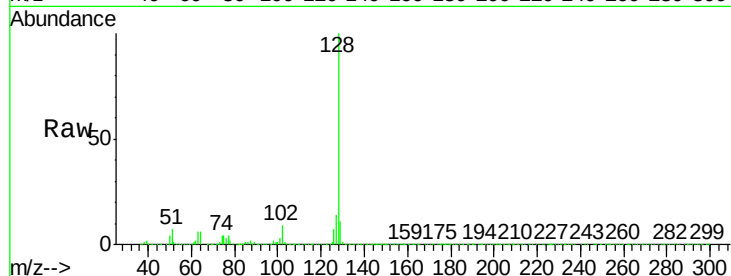
#95
Naphthalene
Concen: 48.134 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.926 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015728.D
Acq: 16 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.7	140.0
145	29.3	15.8	47.3

