

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041520\
 Data File : VX015699.D
 Acq On : 15 Apr 2020 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:03:00 AM

Quant Time: Apr 16 07:52:24 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	1007803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1529005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1408998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	763950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	609294	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	
35) Dibromofluoromethane	5.47	113	465133	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	8.70	98	1719287	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.12	95	704613	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	364626	41.066	ug/l	99
3) Chloromethane	1.31	50	460469	40.723	ug/l	98
4) Vinyl Chloride	1.39	62	474234	45.676	ug/l	98
5) Bromomethane	1.62	94	242822	50.878	ug/l	99
6) Chloroethane	1.70	64	297681	46.229	ug/l	98
7) Trichlorofluoromethane	1.91	101	642002	46.108	ug/l	97
8) Diethyl Ether	2.17	74	269652	45.914	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	428728	47.232	ug/l	97
10) Methyl Iodide	2.49	142	404412	33.045	ug/l	99
11) Tert butyl alcohol	3.01	59	671340	197.326	ug/l	99
12) 1,1-Dichloroethene	2.36	96	429571	45.148	ug/l	96
13) Acrolein	2.27	56	586565	302.659	ug/l	99
14) Allyl chloride	2.71	41	924987	41.606	ug/l	99
15) Acrylonitrile	3.12	53	1478778	227.917	ug/l	99
16) Acetone	2.42	43	1300594	212.980	ug/l	99
17) Carbon Disulfide	2.55	76	1086526	37.434	ug/l	100
18) Methyl Acetate	2.75	43	717223	46.017	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1635653	44.324	ug/l	100
20) Methylene Chloride	2.83	84	492977	43.220	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	465671	44.100	ug/l	97
22) Diisopropyl ether	3.83	45	1766229	44.834	ug/l	95
23) Vinyl Acetate	3.79	43	7847198	220.005	ug/l	99
24) 1,1-Dichloroethane	3.67	63	906406	43.699	ug/l	99
25) 2-Butanone	4.64	43	2122484	216.122	ug/l	100
26) 2,2-Dichloropropane	4.55	77	697070	40.943	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	553612	45.316	ug/l	98
28) Bromochloromethane	4.98	49	440276	44.458	ug/l	96
29) Tetrahydrofuran	5.09	42	1376229	217.981	ug/l	99
30) Chloroform	5.19	83	894088	44.804	ug/l	100
31) Cyclohexane	5.55	56	791543	43.990	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	811166	44.916	ug/l	99
36) 1,1-Dichloropropene	5.78	75	662696	47.040	ug/l	99
37) Ethyl Acetate	4.80	43	835798	45.563	ug/l	100
38) Carbon Tetrachloride	5.76	117	712349	46.684	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	768713	47.324	ug/l	96
40) Benzene	6.12	78	1963366	47.576	ug/l	97
41) Methacrylonitrile	5.01	41	486155	47.742	ug/l	98
42) 1,2-Dichloroethane	6.17	62	759769	45.834	ug/l	98
43) Isopropyl Acetate	6.42	43	1390695	44.910	ug/l	99
44) Trichloroethene	7.19	130	559214	49.687	ug/l	94
45) 1,2-Dichloropropane	7.49	63	531877	47.114	ug/l	98
46) Dibromomethane	7.64	93	345096	46.600	ug/l	95
47) Bromodichloromethane	7.88	83	723058	45.822	ug/l	95
48) Methyl methacrylate	7.75	41	704630	45.556	ug/l	96
49) 1,4-Dioxane	7.72	88	275463	954.678	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4180438	238.214	ug/l	99
52) Toluene	8.77	92	1259918	49.520	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	817836	44.192	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	867158	45.998	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	518966	49.786	ug/l	97
56) Ethyl methacrylate	9.16	69	858955	46.756	ug/l	97
57) 1,3-Dichloropropane	9.36	76	880063	46.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2107589	235.861	ug/l	98
59) 2-Hexanone	9.48	43	3178071	239.869	ug/l	99
60) Dibromochloromethane	9.57	129	607553	48.504	ug/l	99
61) 1,2-Dibromoethane	9.65	107	536698	47.351	ug/l	98
64) Tetrachloroethene	9.32	164	535638	50.373	ug/l	97
65) Chlorobenzene	10.12	112	1370289	48.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	543271	48.394	ug/l	100
67) Ethyl Benzene	10.24	91	2403496	48.227	ug/l	98
68) m/p-Xylenes	10.34	106	1839663	99.132	ug/l	98
69) o-Xylene	10.68	106	906164	49.414	ug/l	98
70) Styrene	10.70	104	1566450	48.543	ug/l	99
71) Bromoform	10.84	173	477104	46.686	ug/l #	98
73) Isopropylbenzene	11.00	105	2384154	47.630	ug/l	99
74) N-amyl acetate	10.88	43	1182270	42.467	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	788473	45.906	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	734113m	46.729	ug/l	
77) Bromobenzene	11.24	156	652763	48.890	ug/l	93
78) n-propylbenzene	11.34	91	2712228	47.386	ug/l	99
79) 2-Chlorotoluene	11.40	91	1634965	46.604	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	1994027	46.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	267190	40.809	ug/l	99
82) 4-Chlorotoluene	11.50	91	1920620	46.700	ug/l	98
83) tert-Butylbenzene	11.76	119	2064395	49.439	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2062800	47.352	ug/l	99
85) sec-Butylbenzene	11.93	105	2325907	48.162	ug/l	100
86) p-Isopropyltoluene	12.05	119	2211435	49.326	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	1148258	48.040	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1173733	48.209	ug/l	99
89) n-Butylbenzene	12.37	91	1936473	47.797	ug/l	99
90) Hexachloroethane	12.58	117	383935	43.998	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	1139251	48.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	194258	40.071	ug/l	94

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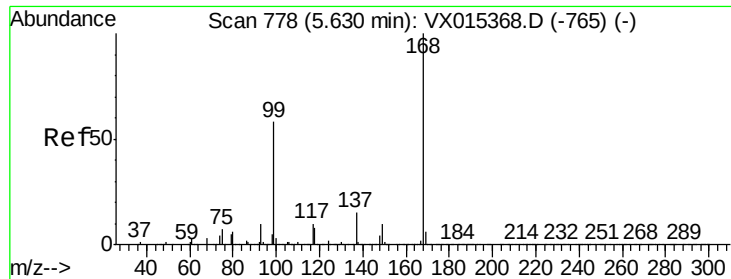
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	920859	49.769	ug/l	97
94) Hexachlorobutadiene	13.77	225	410451	46.593	ug/l	96
95) Naphthalene	13.82	128	2744419	48.626	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	879718	49.383	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 1007803

Ion Ratio Lower Upper

168 100

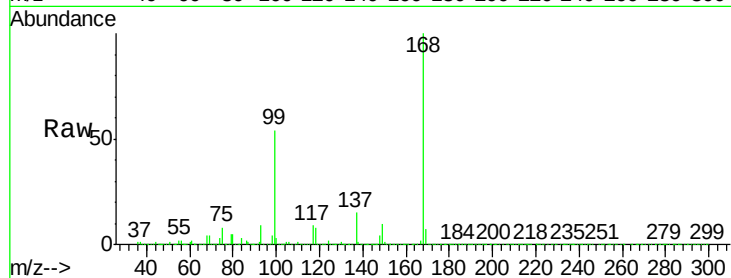
99 53.6 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

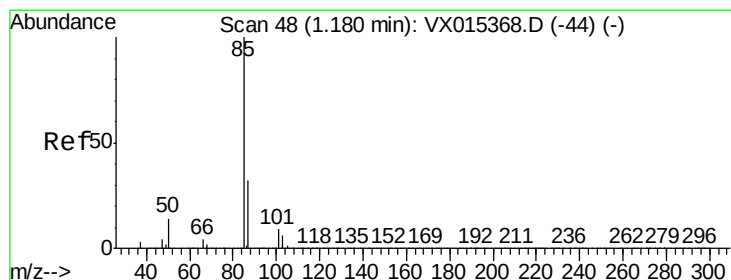
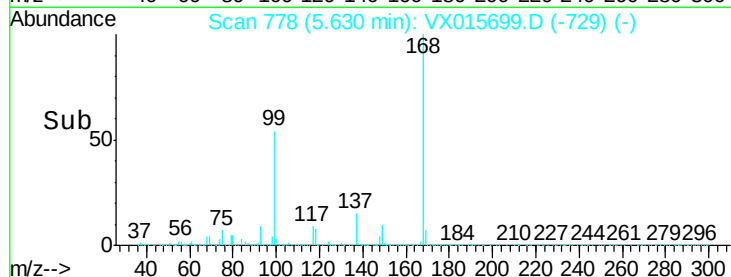
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.066 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015699.D

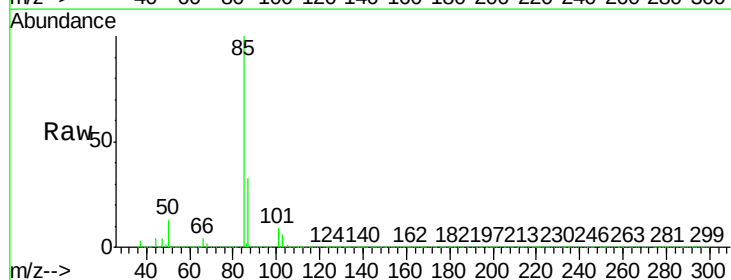
Acq: 15 Apr 2020 21:17

Tgt Ion: 85 Resp: 364626

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

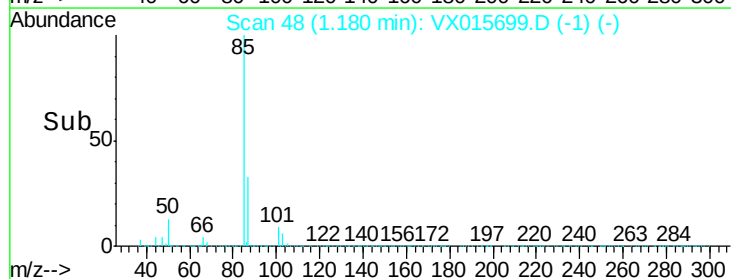
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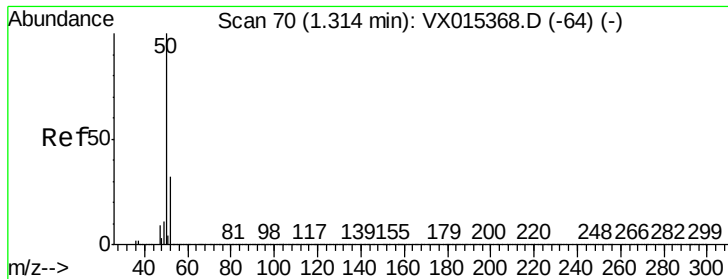
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.723 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

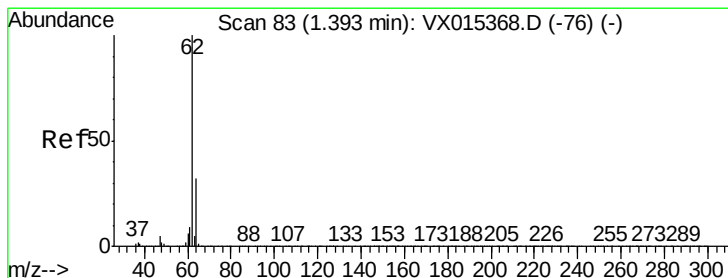
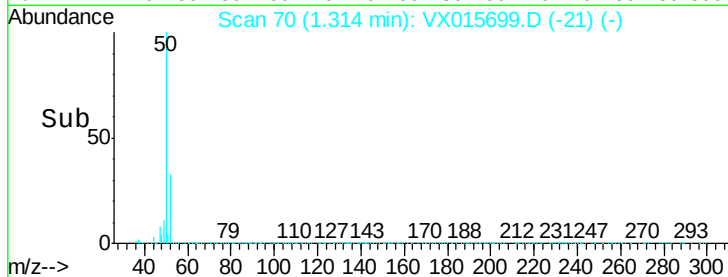
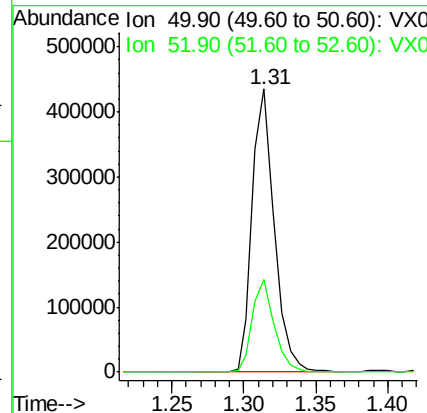
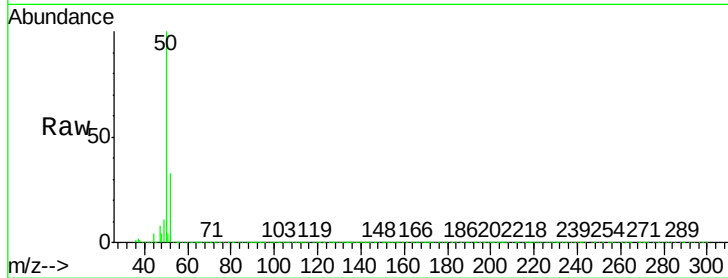
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.3	37.9

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#4

Vinyl Chloride

Concen: 45.676 ug/l

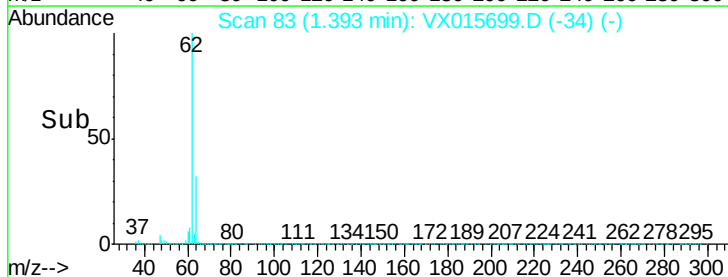
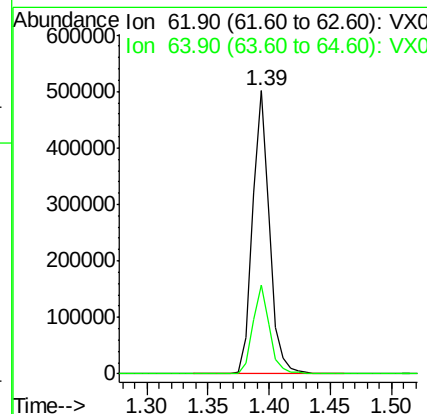
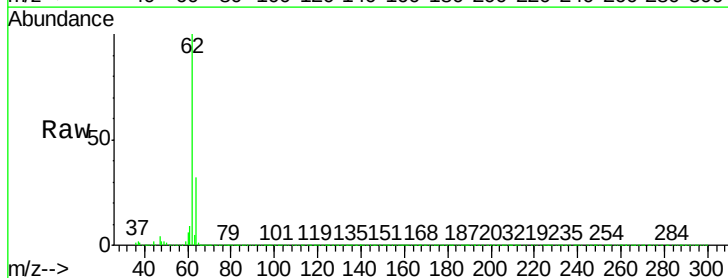
RT: 1.39 min Scan# 83

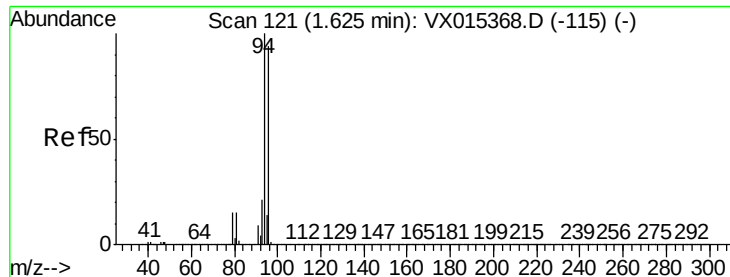
Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.5	26.0	39.0





#5

Bromomethane

Concen: 50.878 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 242822

Ion Ratio Lower Upper

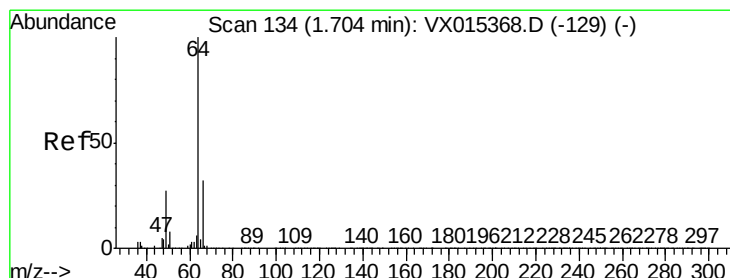
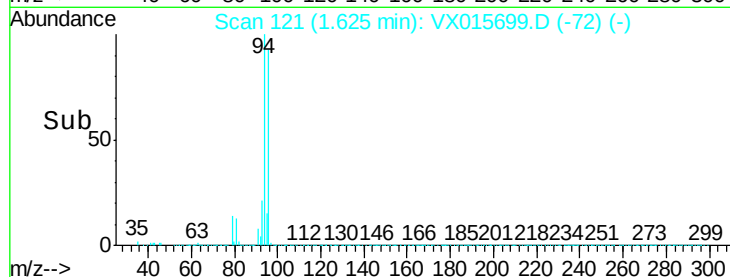
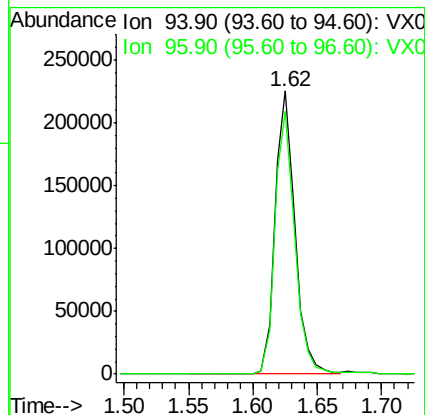
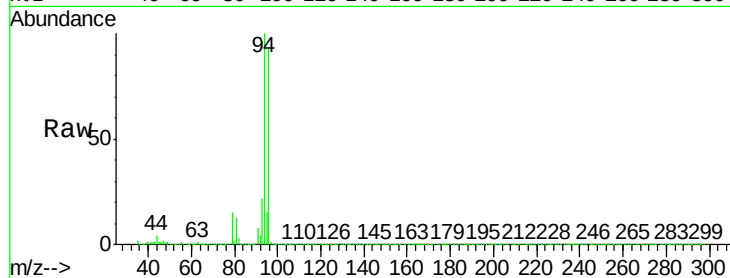
94 100

96 93.0 74.8 112.2

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#6

Chloroethane

Concen: 46.229 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015699.D

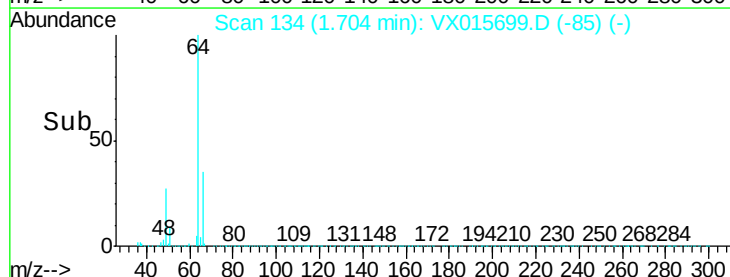
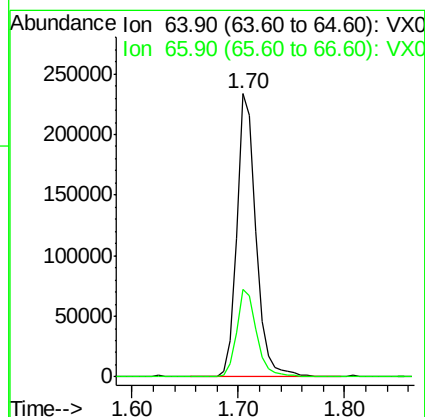
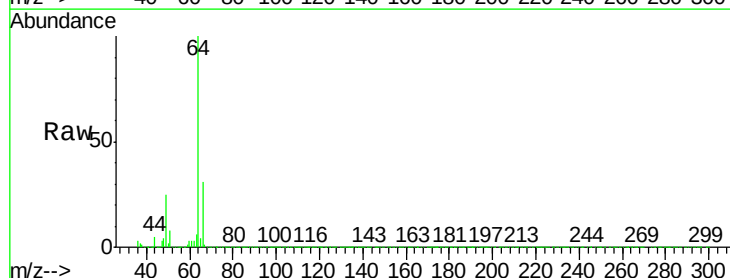
Acq: 15 Apr 2020 21:17

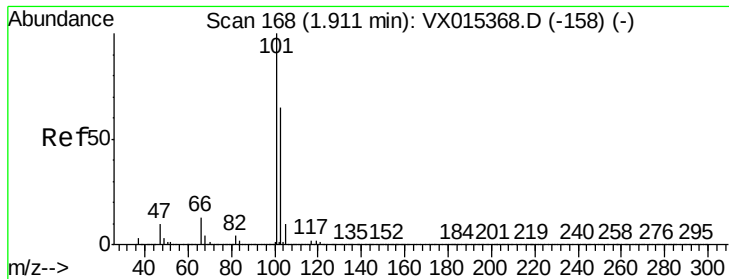
Tgt Ion: 64 Resp: 297681

Ion Ratio Lower Upper

64 100

66 30.7 25.4 38.2





#7

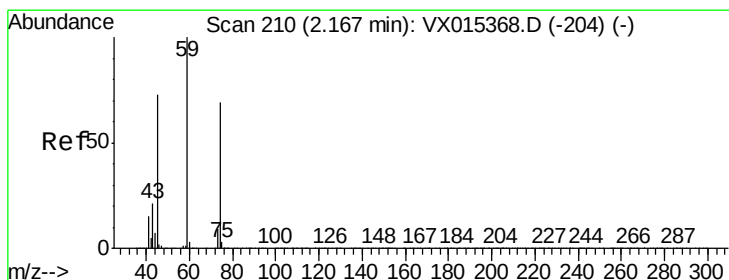
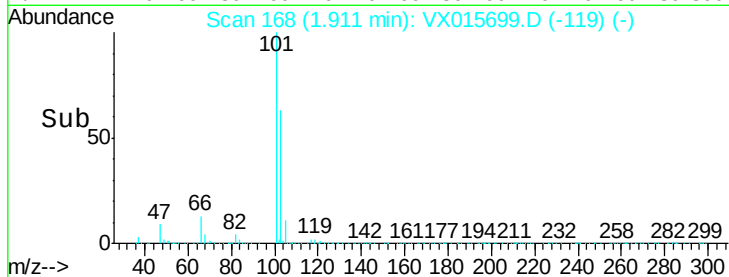
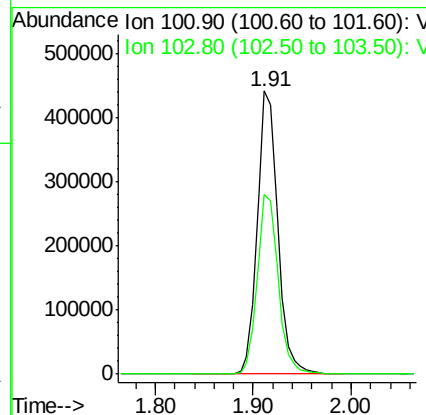
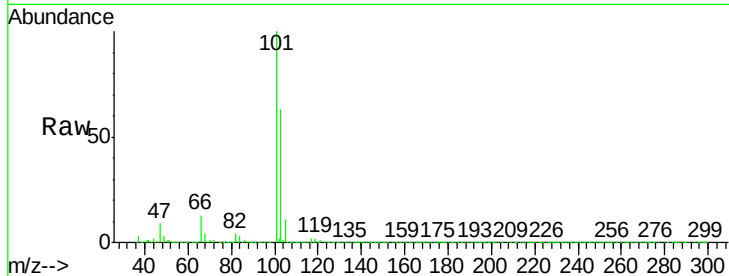
Trichlorofluoromethane
Concen: 46.108 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.3	78.5

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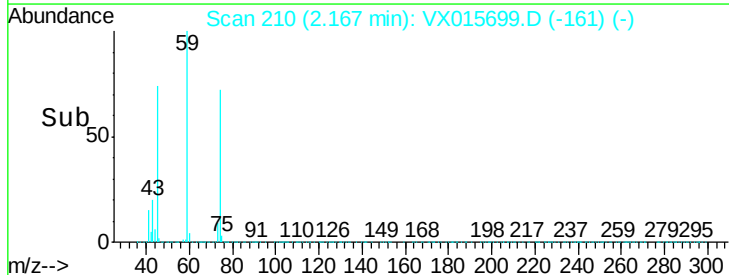
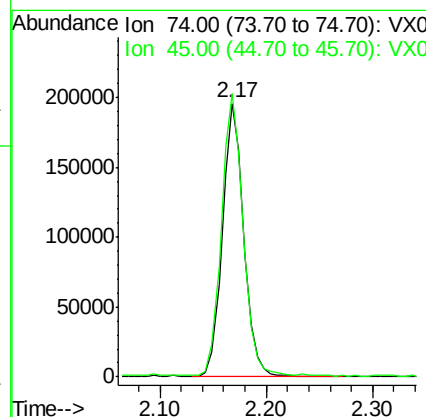
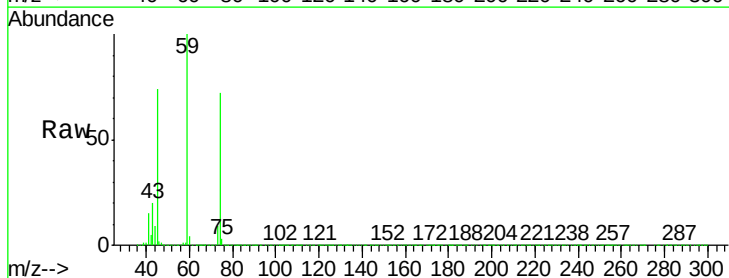
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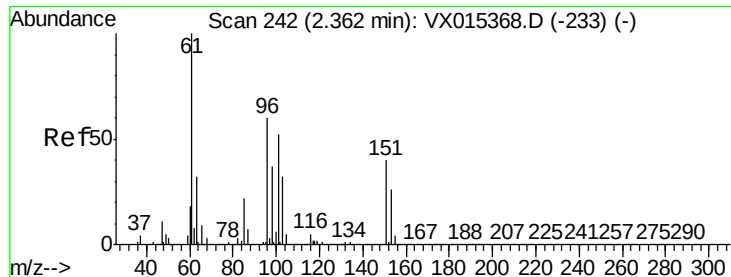


#8

Diethyl Ether
Concen: 45.914 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.232 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

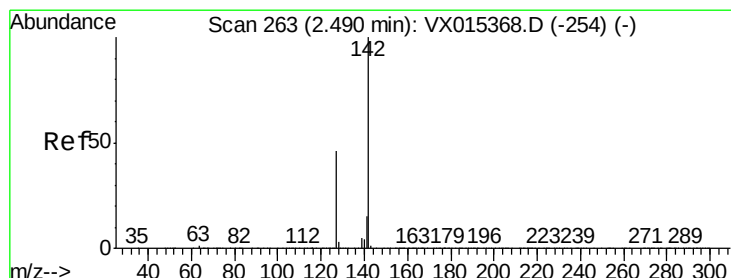
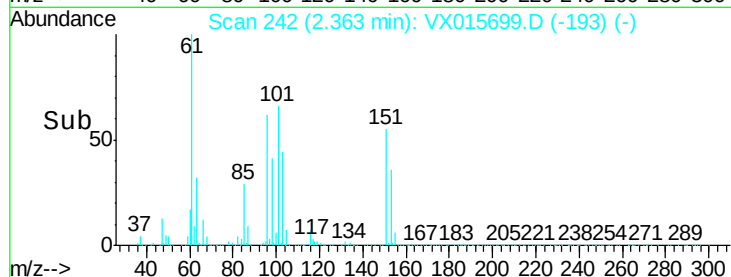
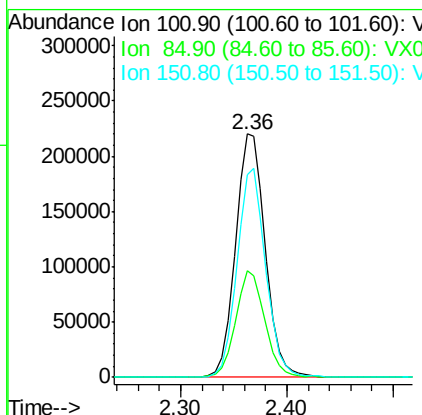
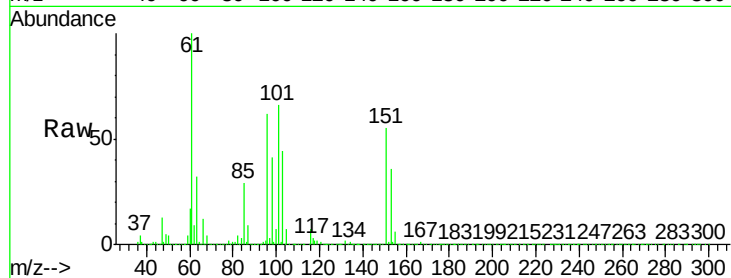
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	428728
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.0	52.4
151	83.3	64.1	96.1

Manual Integrations
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4/16/2020 11:03:00 AM



#10

Methyl Iodide

Concen: 33.045 ug/l

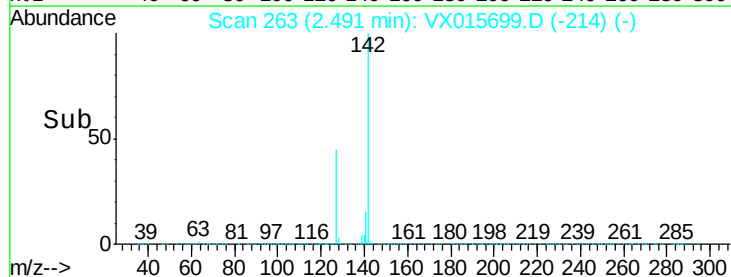
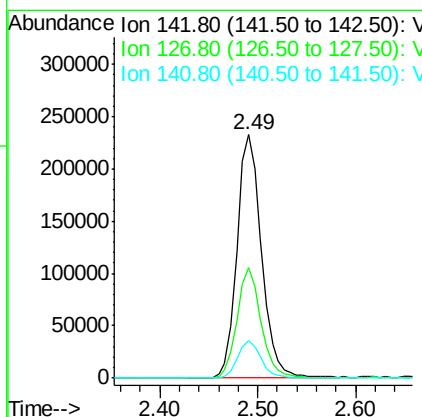
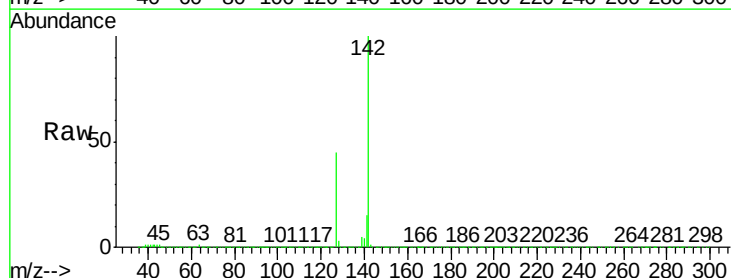
RT: 2.49 min Scan# 263

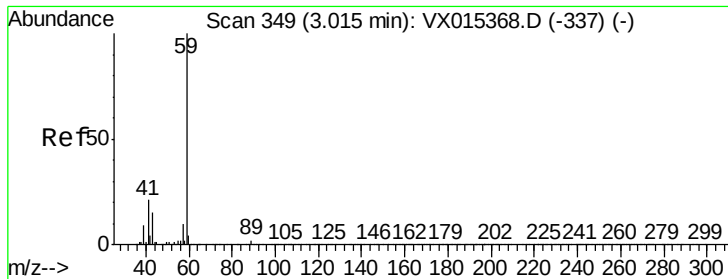
Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	142	Resp:	404412
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.9	53.9
141	14.9	11.6	17.4





#11

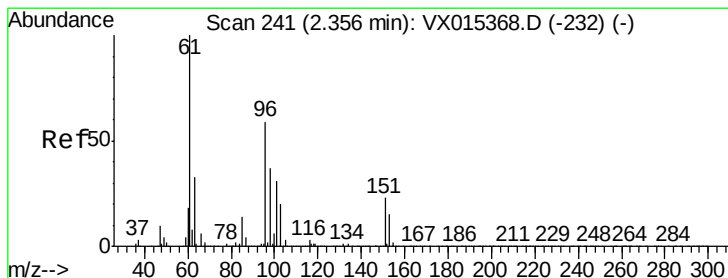
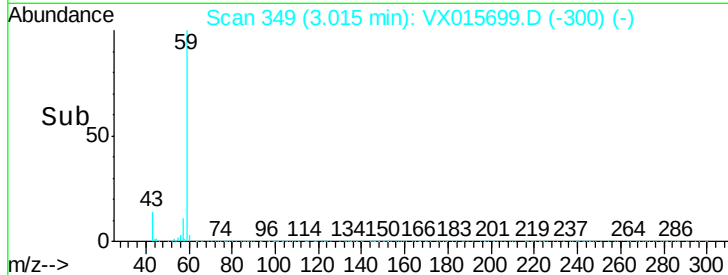
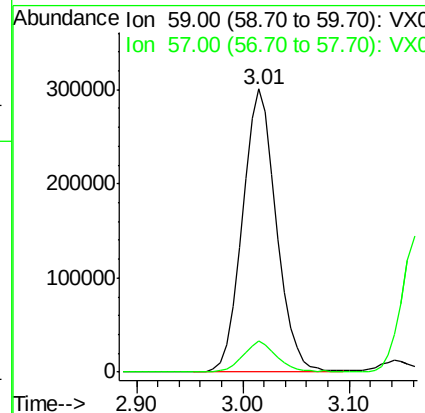
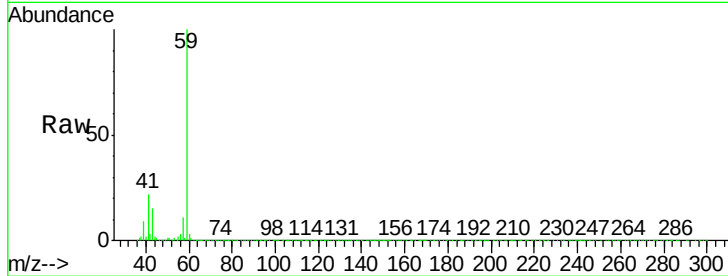
Tert butyl alcohol
Concen: 197.326 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

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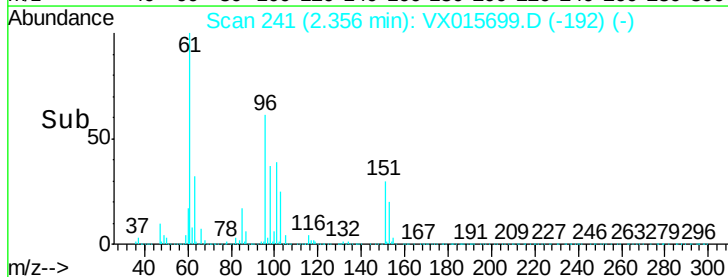
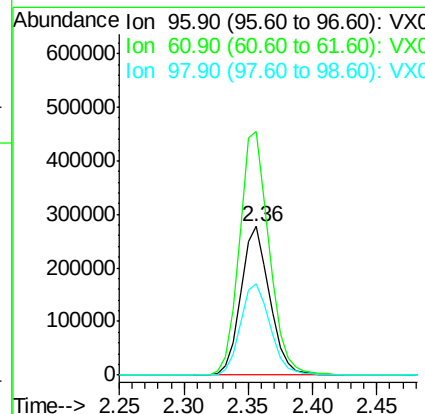
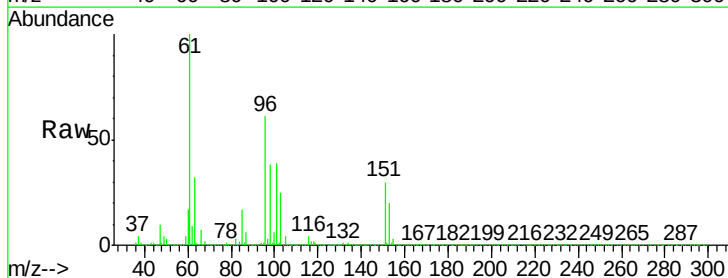
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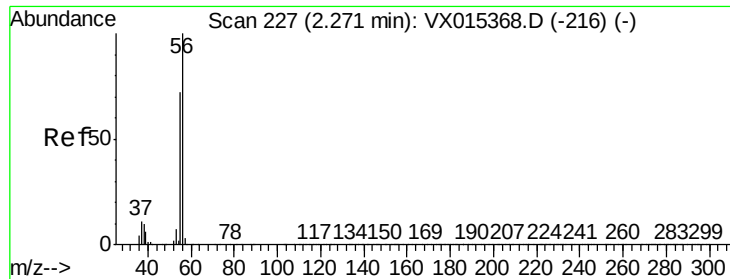


#12

1,1-Dichloroethene
Concen: 45.148 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	135.7	203.5
98	61.4	50.6	75.8





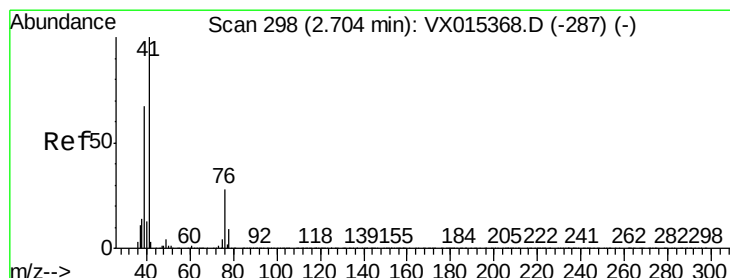
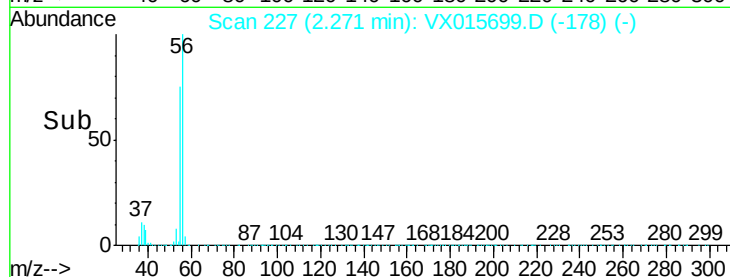
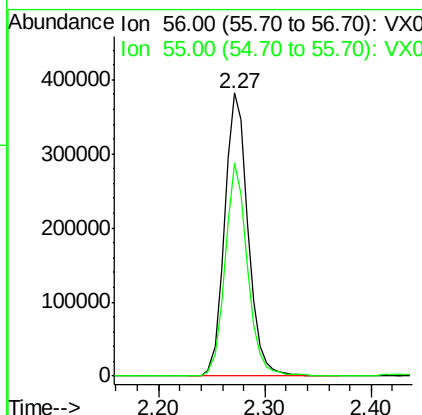
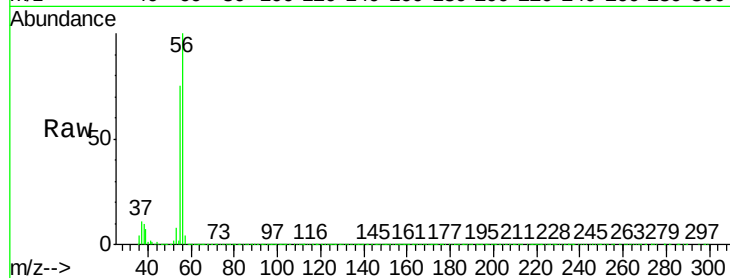
#13
Acrolein
Concen: 302.659 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	72.2	57.0	85.4

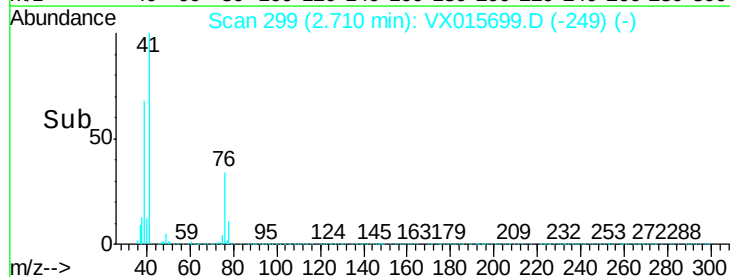
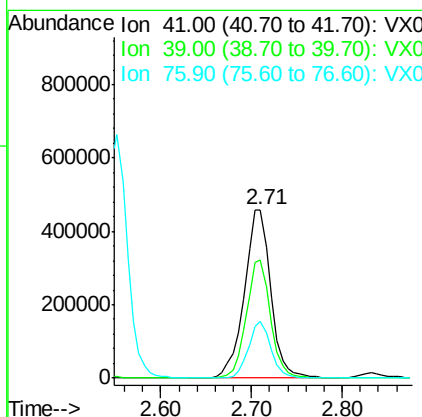
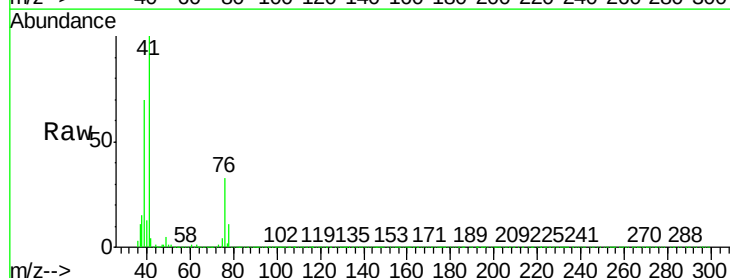
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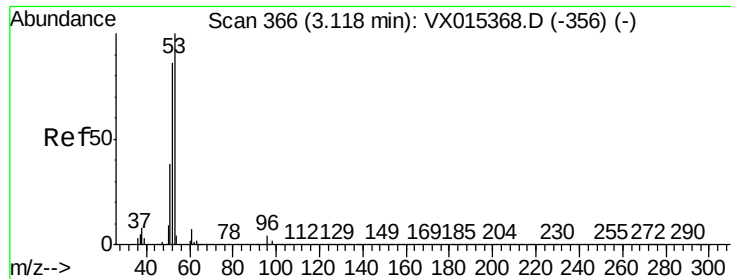
MMDadoda
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#14
Allyl chloride
Concen: 41.606 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.2	51.4	77.0
76	76	28.7	21.8	32.8





#15

Acrylonitrile

Concen: 227.917 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1478778

Ion Ratio Lower Upper

53 100

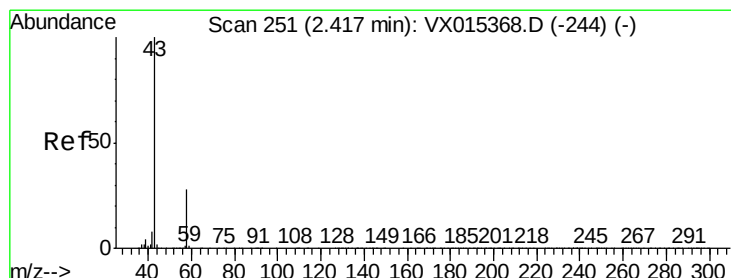
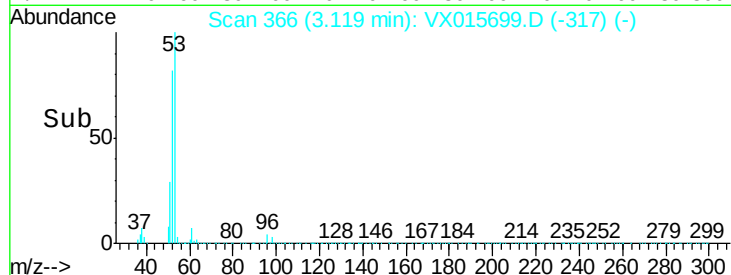
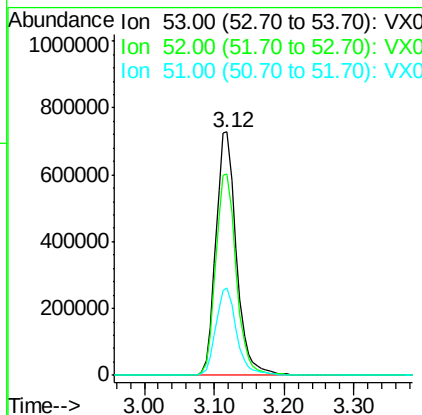
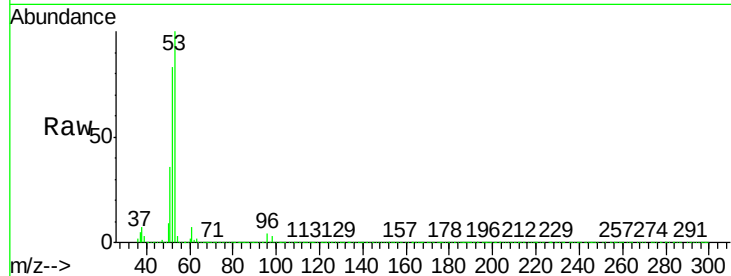
52 82.6 66.8 100.2

51 36.3 29.5 44.3

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#16

Acetone

Concen: 212.980 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015699.D

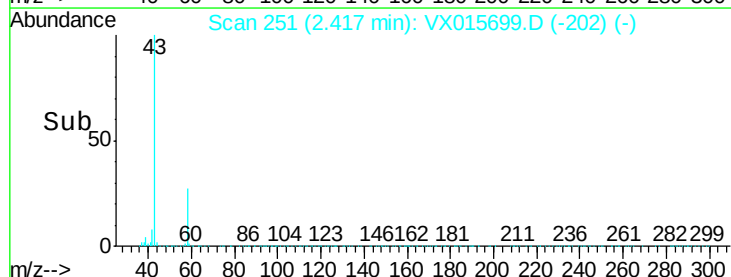
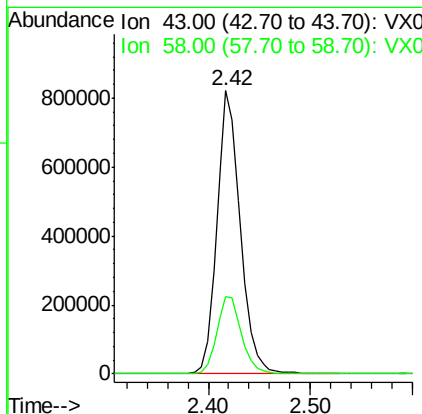
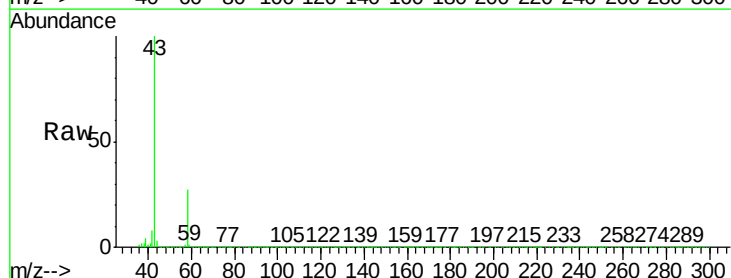
Acq: 15 Apr 2020 21:17

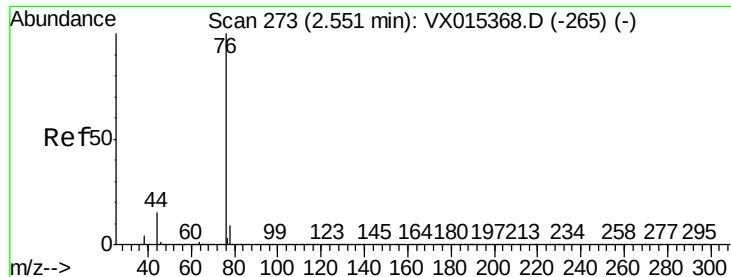
Tgt Ion: 43 Resp: 1300594

Ion Ratio Lower Upper

43 100

58 27.3 22.1 33.1





#17

Carbon Disulfide

Concen: 37.434 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1086526

Ion Ratio Lower Upper

76 100

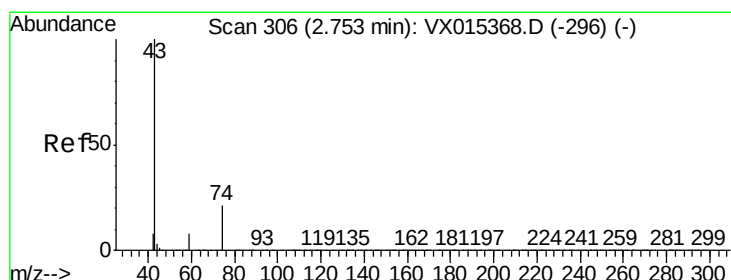
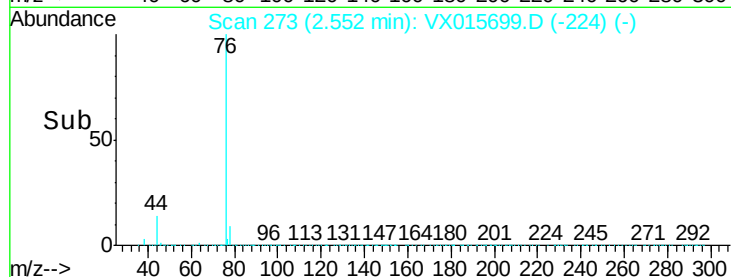
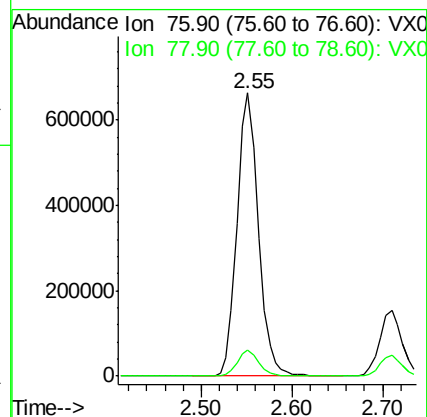
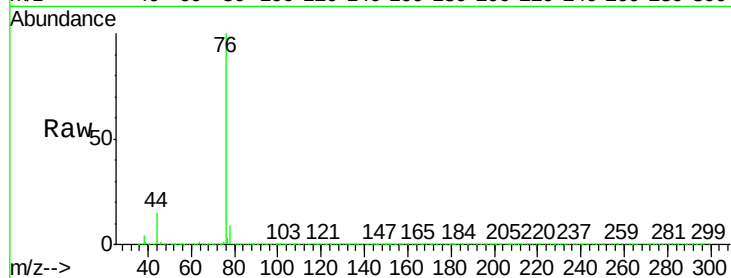
78 9.0 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 46.017 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015699.D

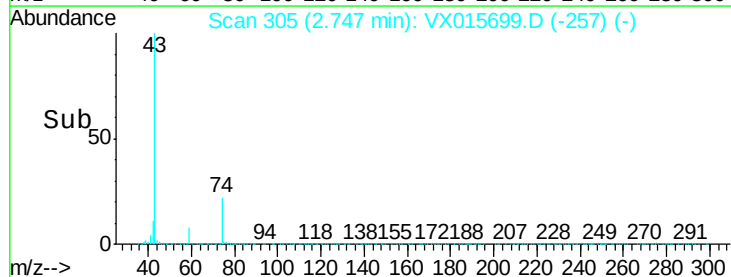
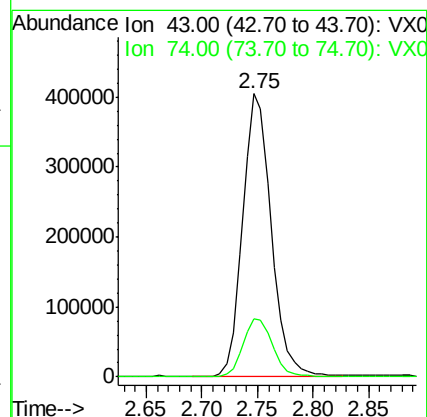
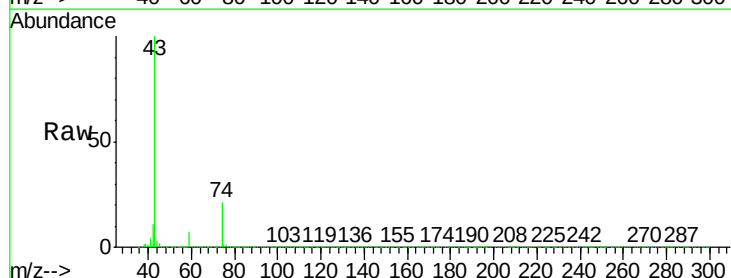
Acq: 15 Apr 2020 21:17

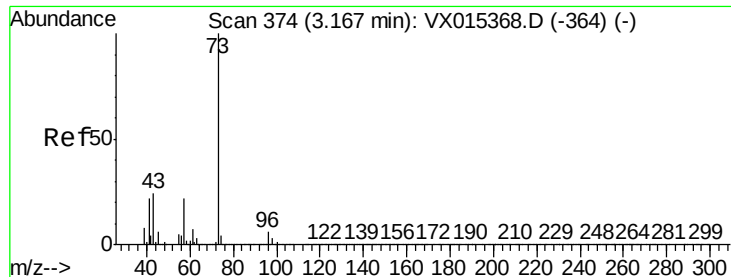
Tgt Ion: 43 Resp: 717223

Ion Ratio Lower Upper

43 100

74 21.7 16.5 24.7





#19

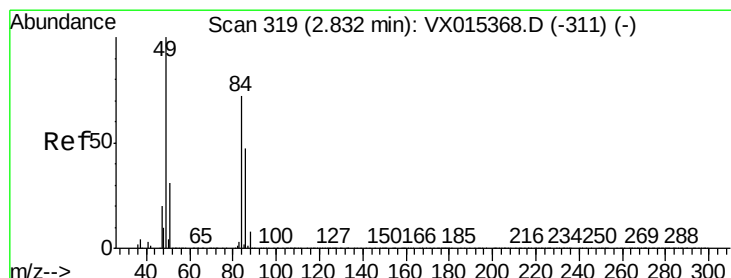
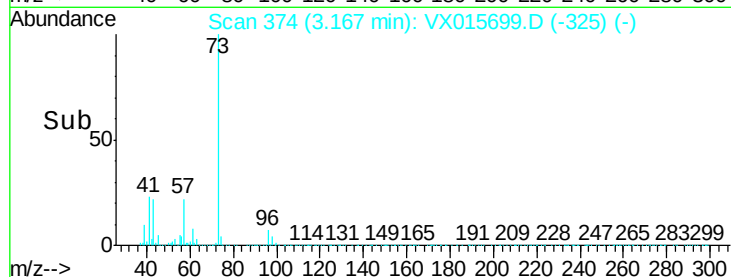
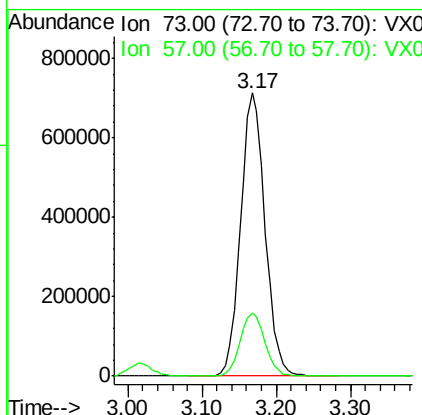
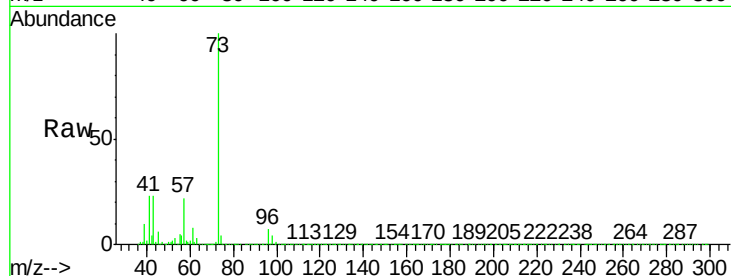
Methyl tert-butyl Ether
 Concen: 44.324 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 1635653
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.9 26.9

Manual Integrations
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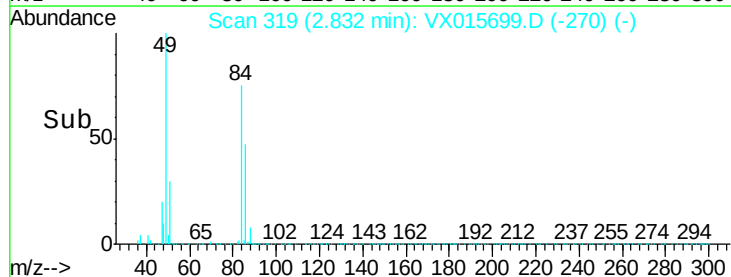
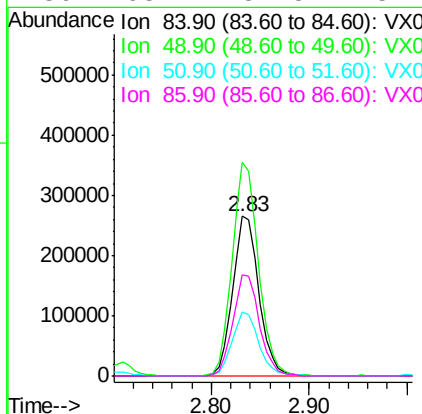
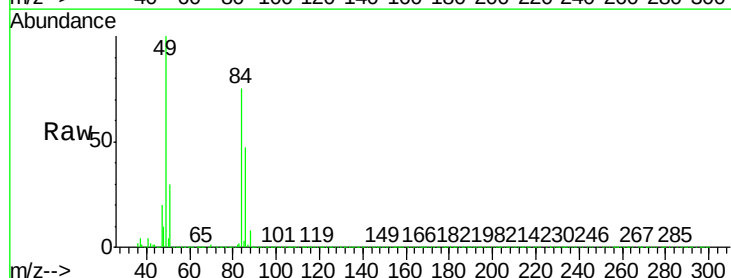
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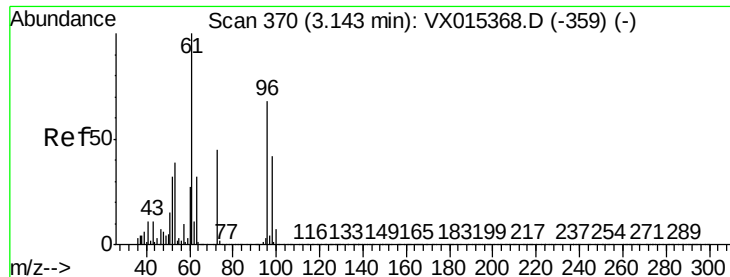


#20

Methylene Chloride
 Concen: 43.220 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion: 84 Resp: 492977
 Ion Ratio Lower Upper
 84 100
 49 133.5 111.3 166.9
 51 39.8 34.0 51.0
 86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.100 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

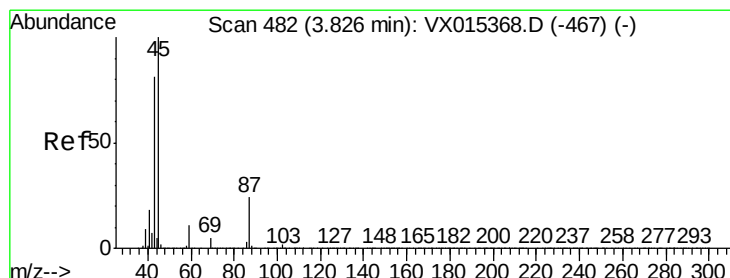
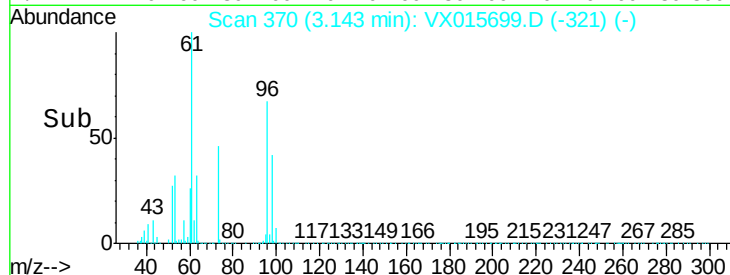
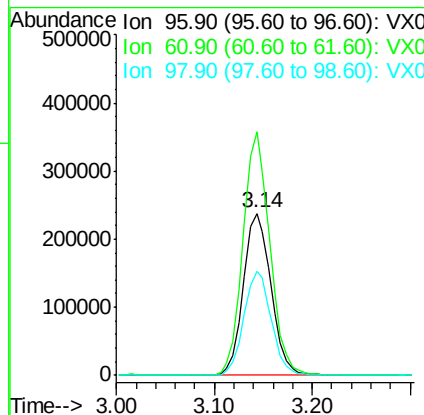
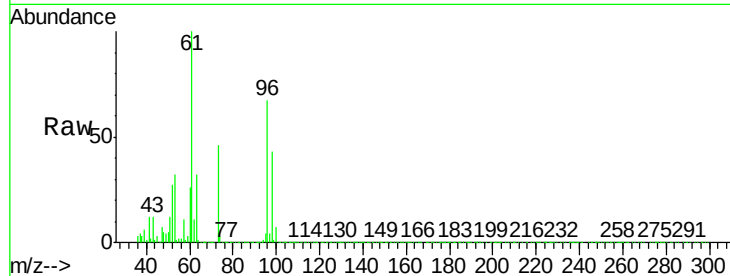
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	465671
Ion Ratio	Lower	Upper	
96	100		
61	150.0	116.9	175.3
98	63.9	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 44.834 ug/l

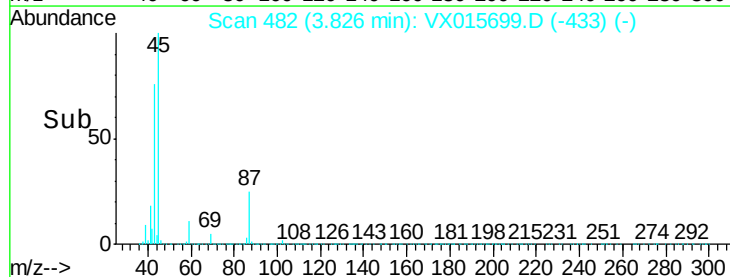
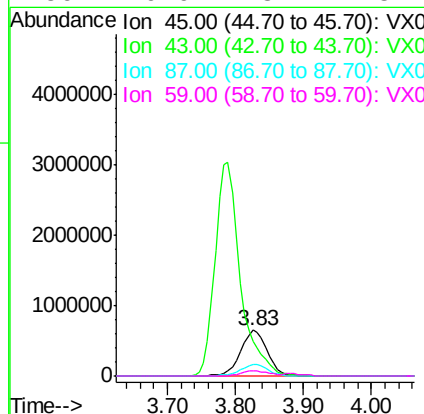
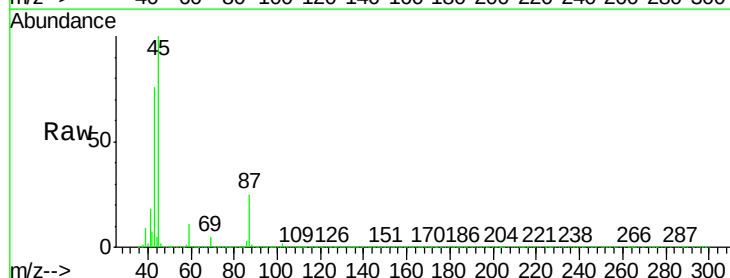
RT: 3.83 min Scan# 482

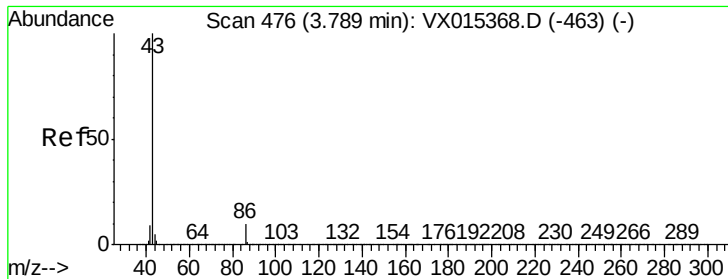
Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	45	Resp:	1766229
Ion Ratio	Lower	Upper	
45	100		
43	75.5	64.7	97.1
87	25.3	19.4	29.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 220.005 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 7847198

Ion Ratio Lower Upper

43 100

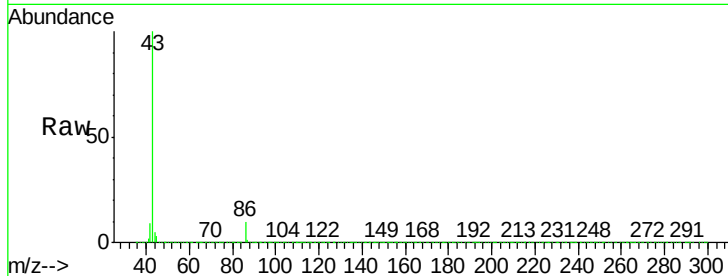
86 10.1 7.8 11.6

Manual Integrations

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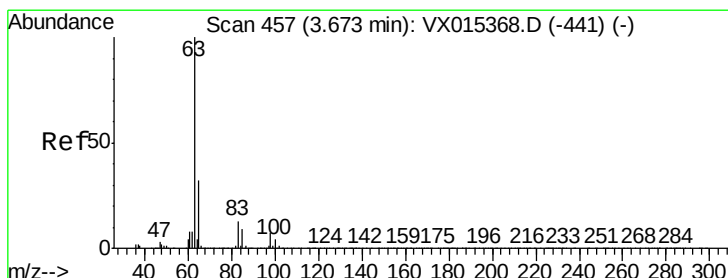
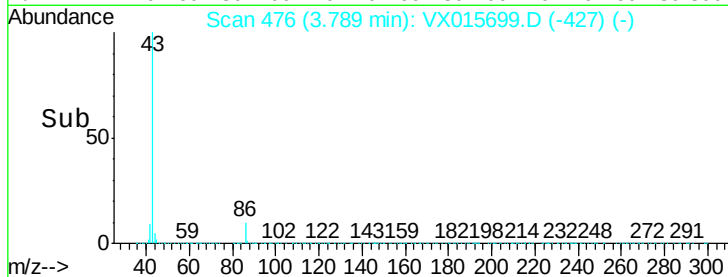
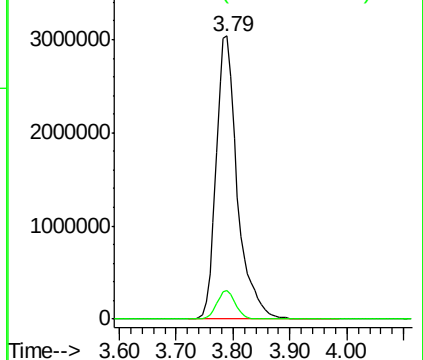
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.699 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

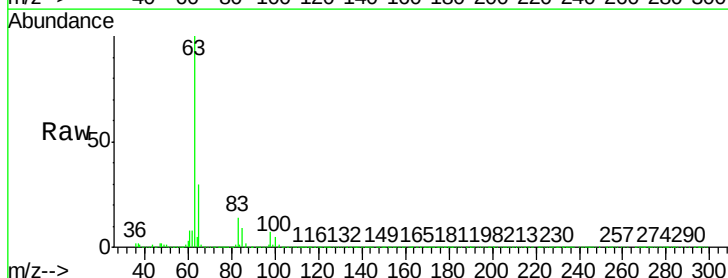
Tgt Ion: 63 Resp: 906406

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

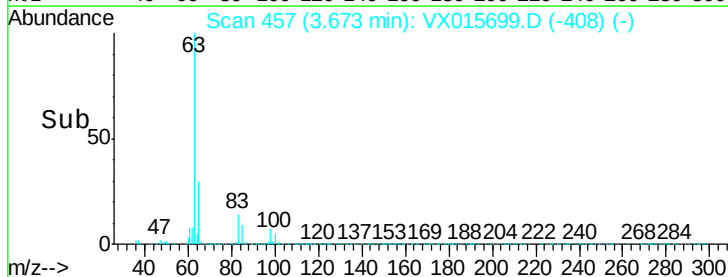
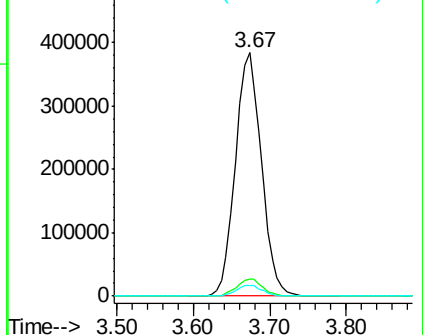
100 4.5 2.1 6.5

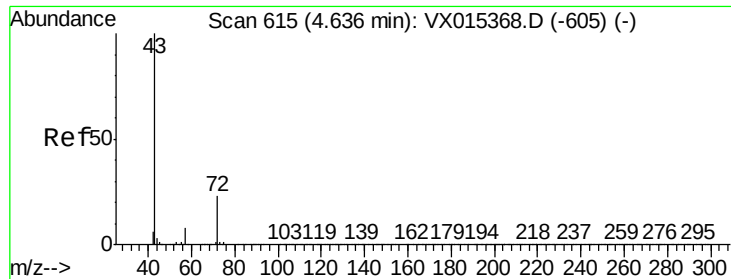


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 216.122 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tot Ion: 43 Resp: 2122484

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

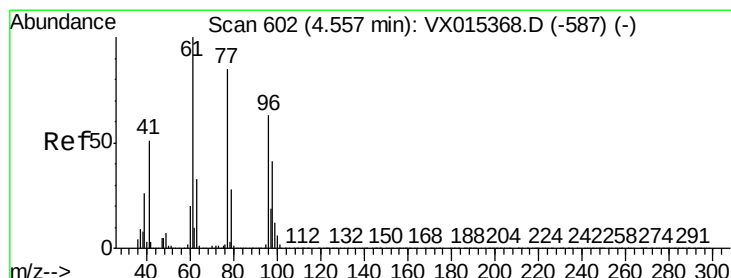
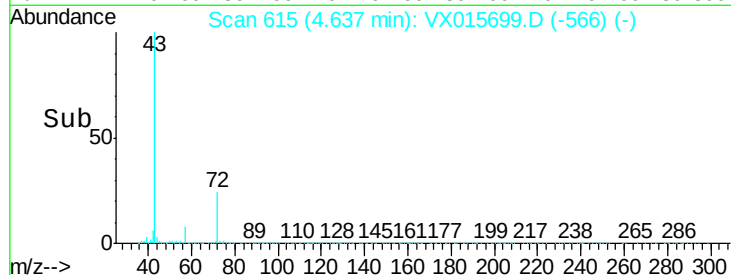
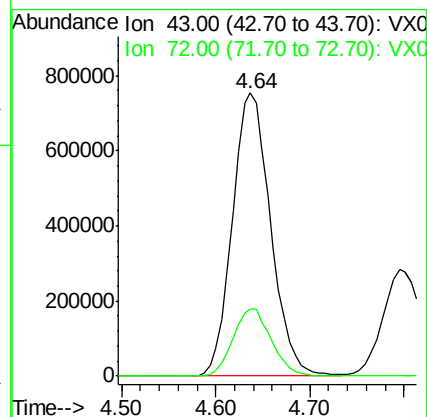
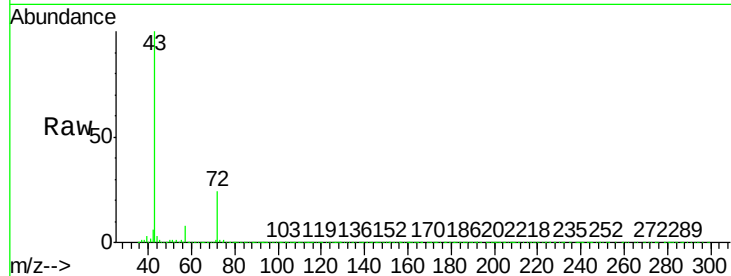
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.943 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015699.D

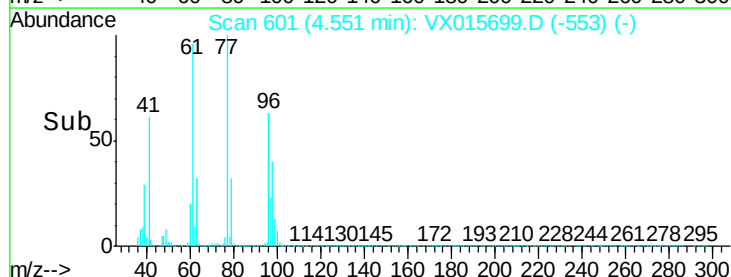
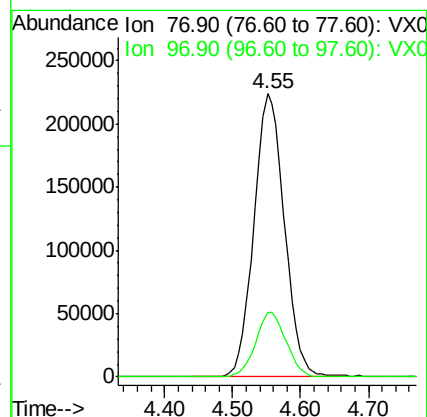
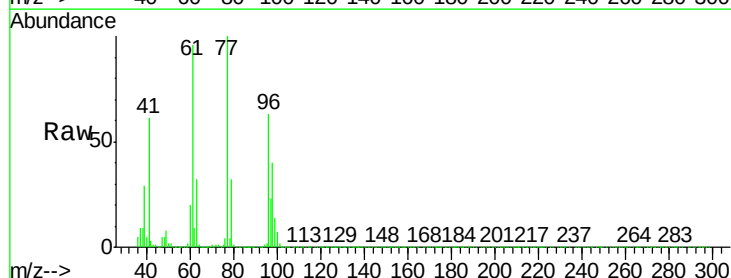
Acq: 15 Apr 2020 21:17

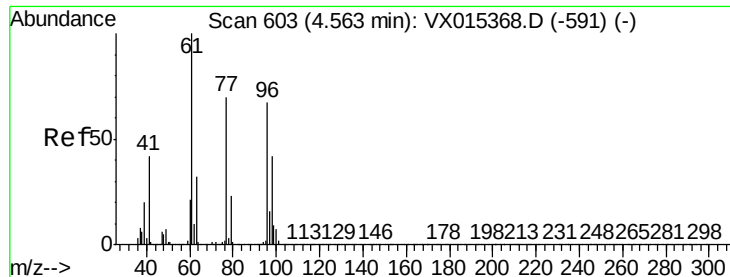
Tgt Ion: 77 Resp: 697070

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

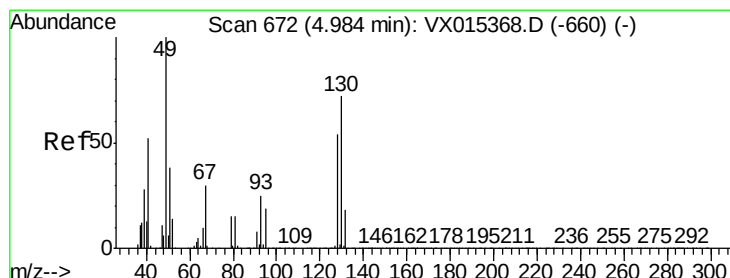
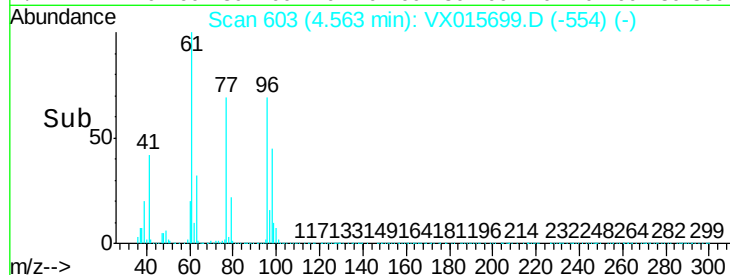
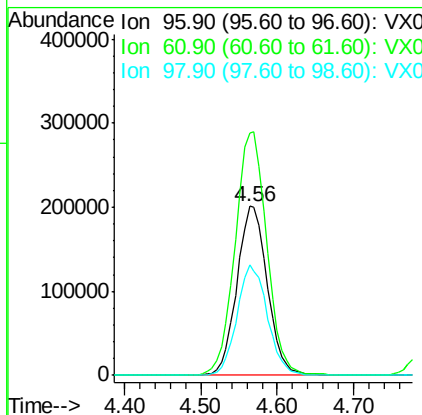
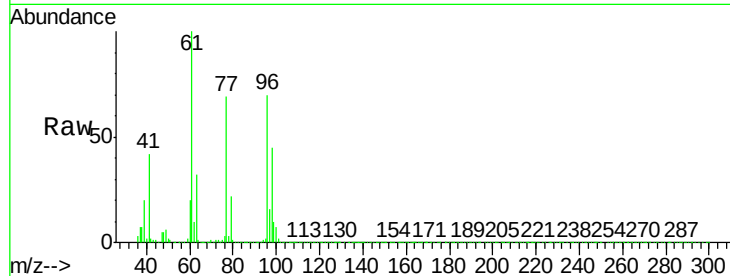
cis-1,2-Dichloroethene
Concen: 45.316 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.1	0.0	308.4	
98	64.9	0.0	129.2	

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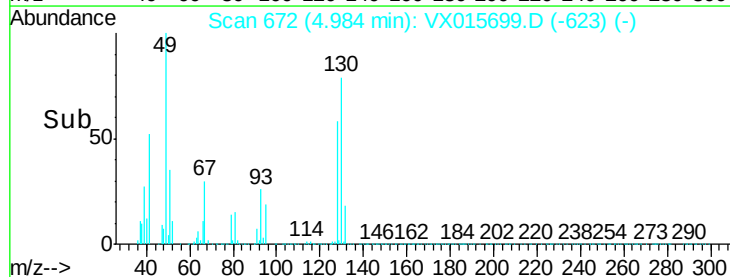
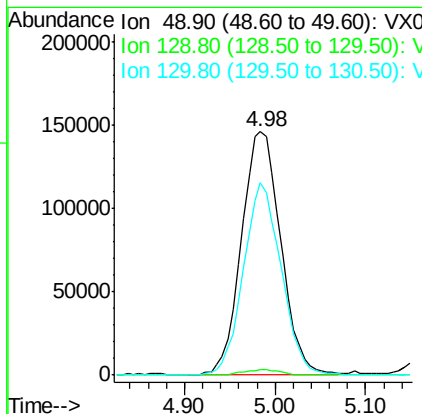
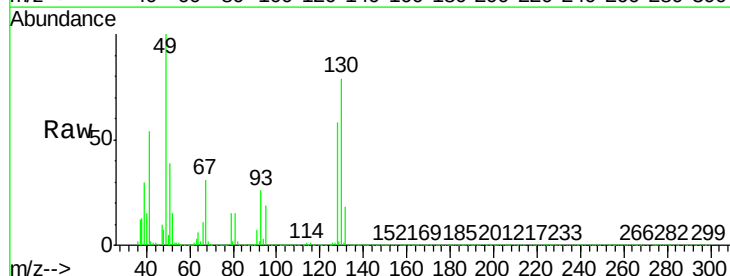
MMDadoda
4/16/2020 11:03:00 AM

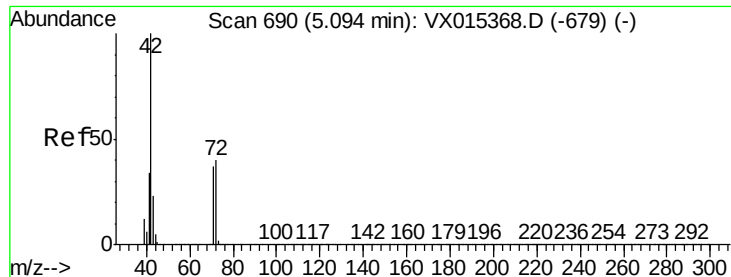


#28

Bromochloromethane
Concen: 44.458 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.4	
130	75.3	57.7	86.5	





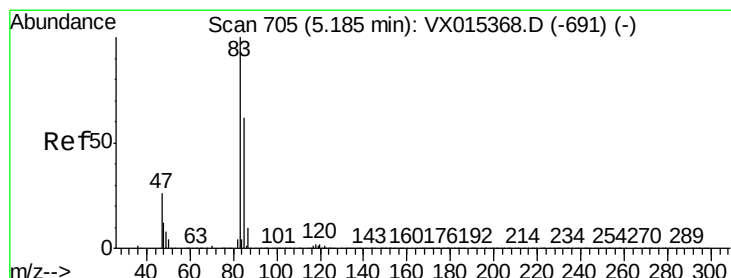
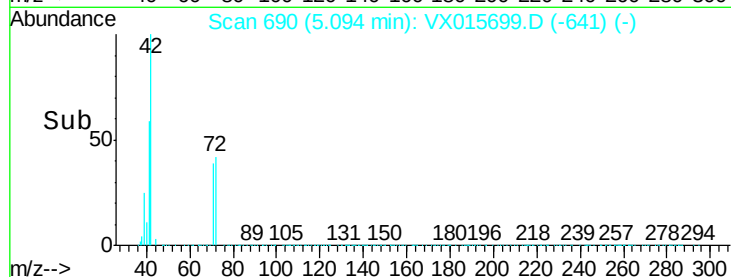
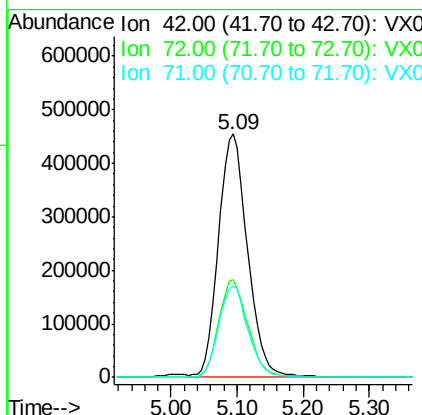
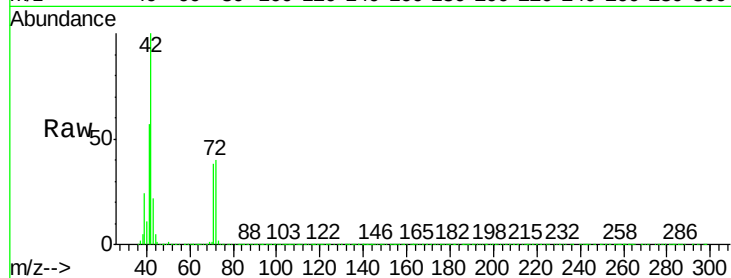
#29
Tetrahydrofuran
Concen: 217.981 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	31.7	47.5
71	37.6	29.6	44.4

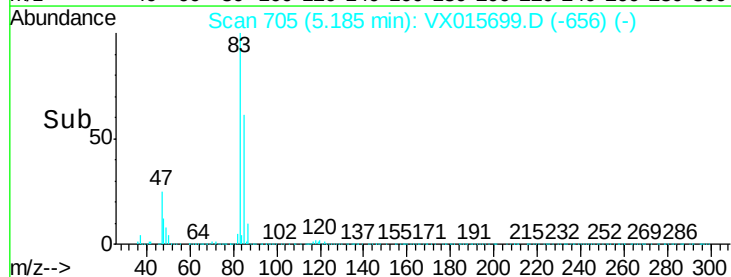
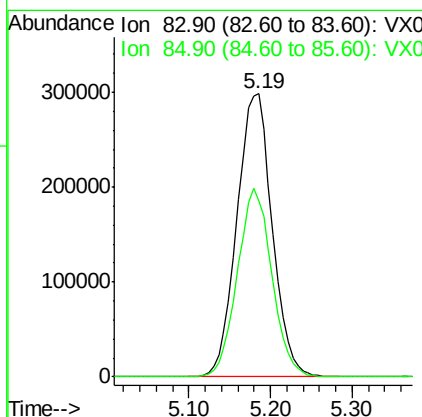
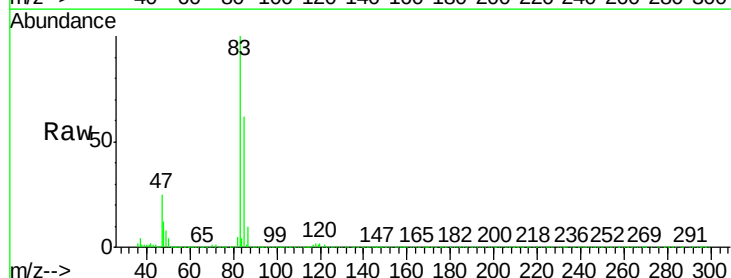
Manual Integrations
APPROVED

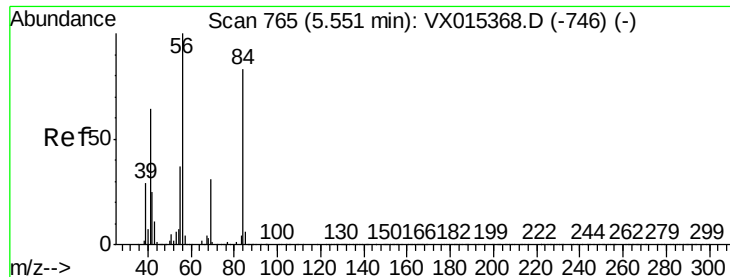
MMDadoda
4/16/2020 11:03:00 AM



#30
Chloroform
Concen: 44.804 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.5	74.3





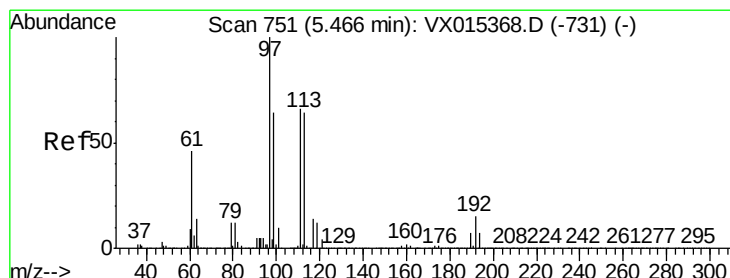
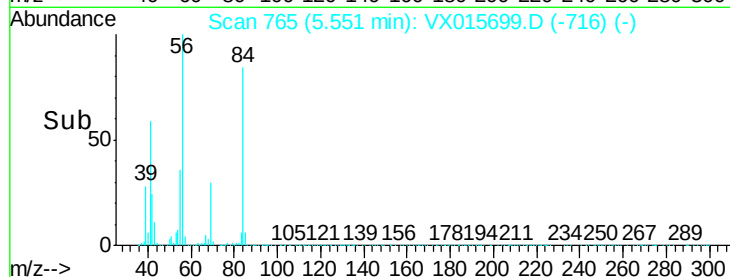
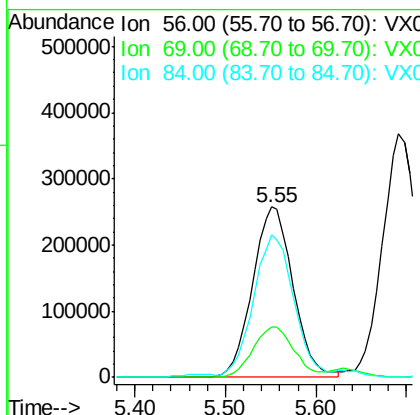
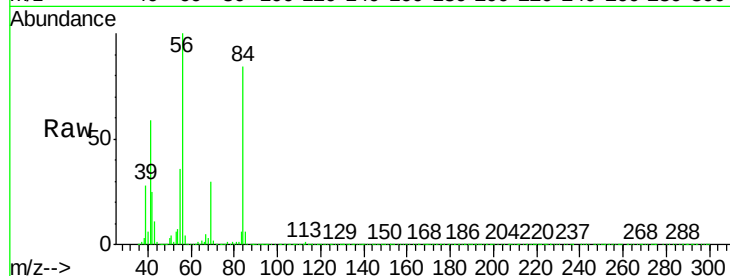
#31
Cyclohexane
Concen: 43.990 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.6	36.8
84	82.1	66.1	99.1

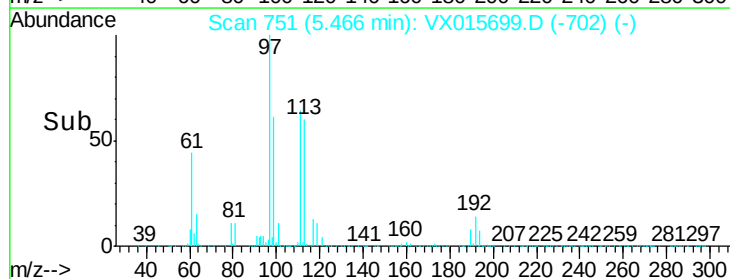
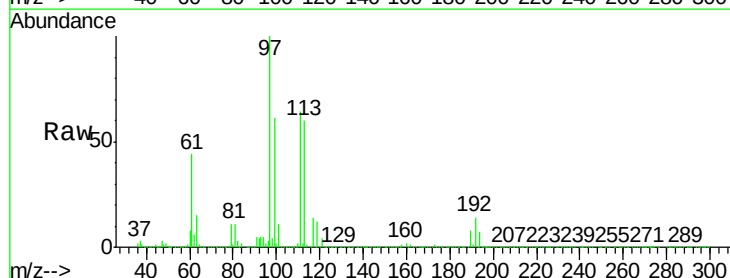
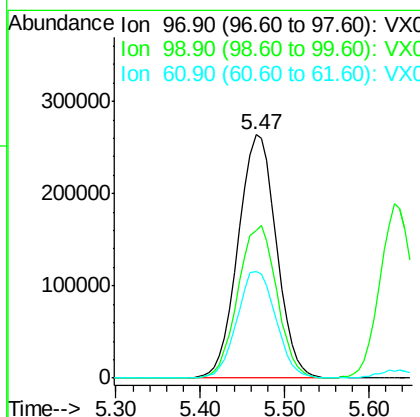
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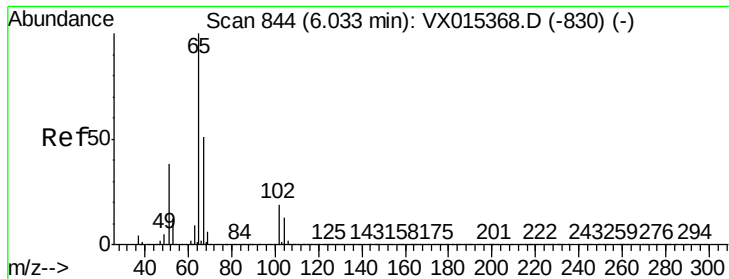
MMDadoda
4/16/2020 11:03:00 AM



#32
1,1,1-Trichloroethane
Concen: 44.916 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.4
61	44.4	36.1	54.1





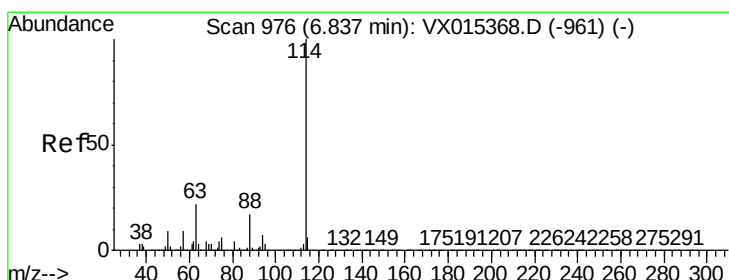
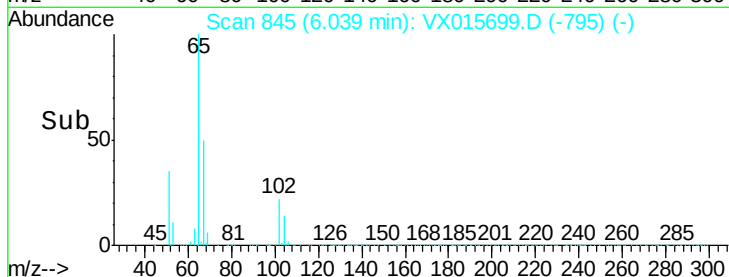
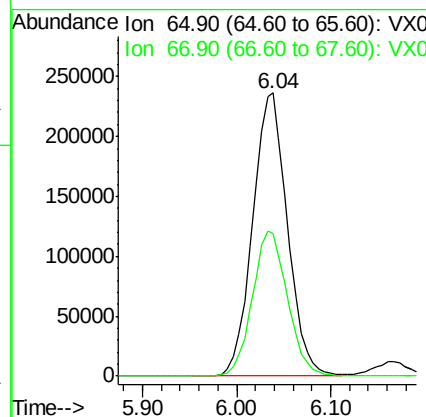
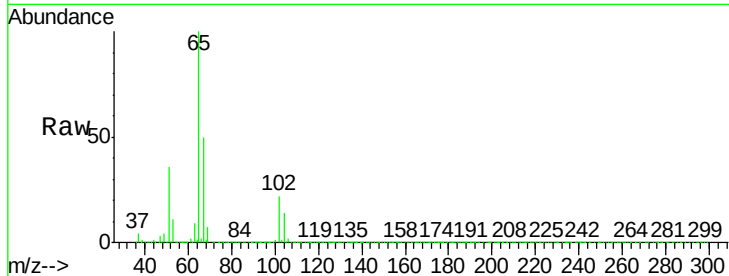
#33
 1,2-Dichloroethane-d4
 Concen: 42.866 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.6

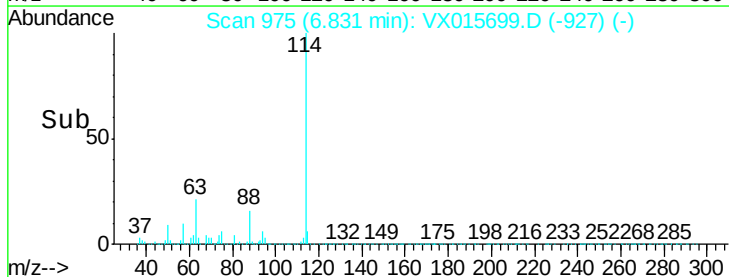
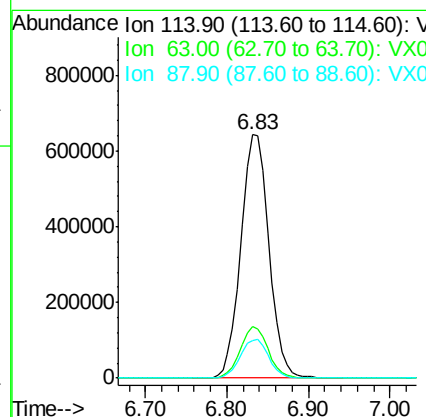
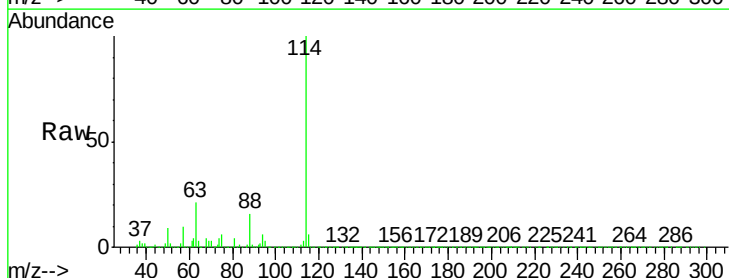
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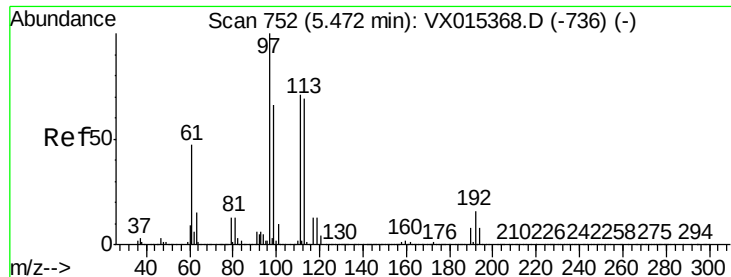
MMDadoda
 4/16/2020 11:03:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.2
88	15.6	0.0	33.8





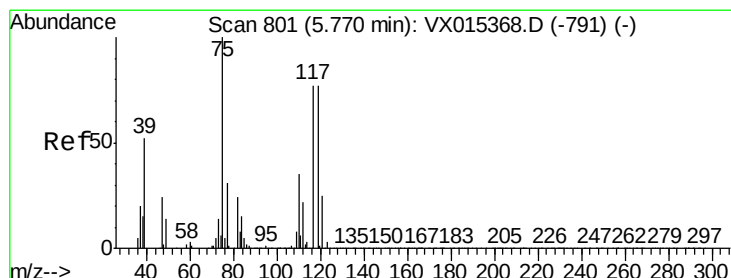
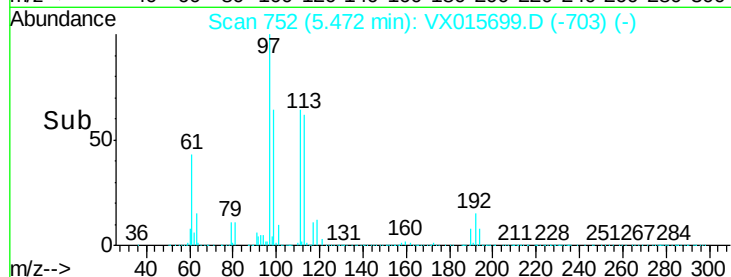
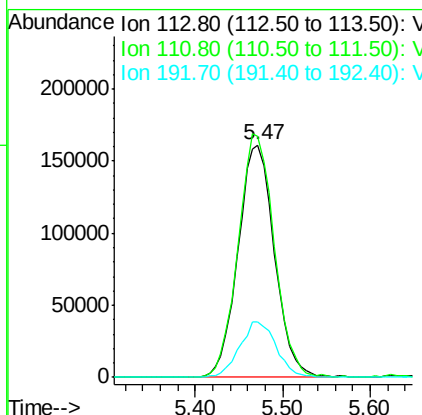
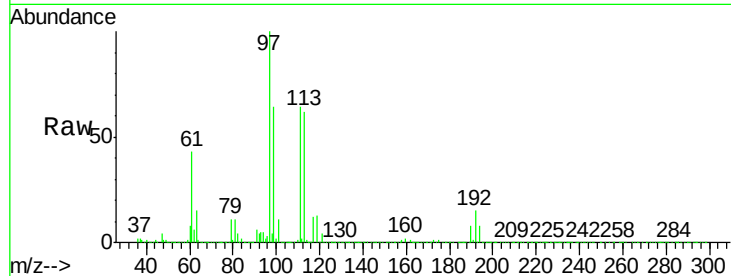
#35
 Dibromofluoromethane
 Concen: 47.590 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	24.2	17.8	26.6

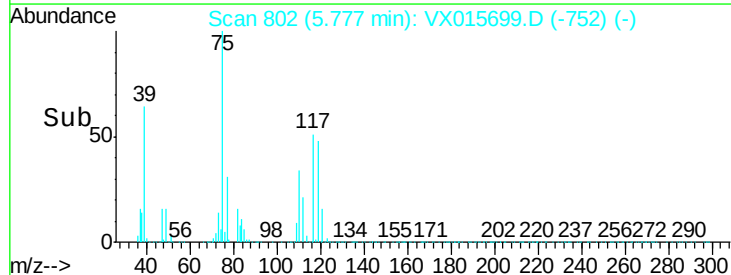
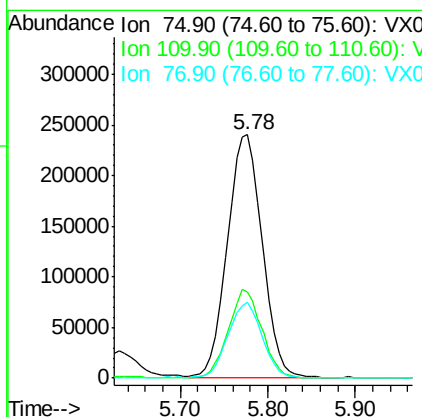
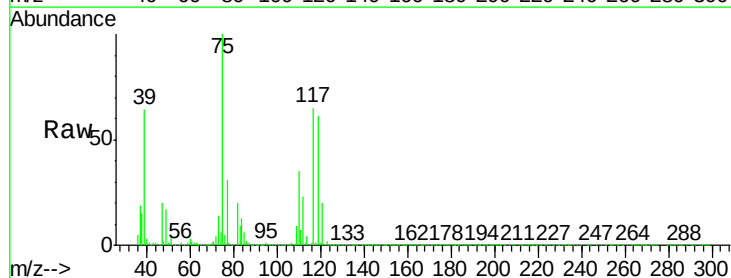
Manual Integrations
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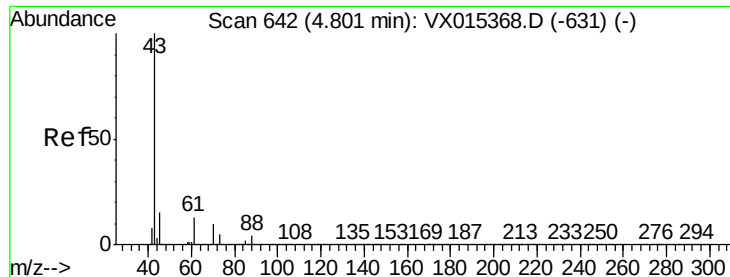
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 4/16/2020 11:03:00 AM



#36
 1,1-Dichloropropene
 Concen: 47.040 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.1	51.3
77	30.6	24.6	36.8





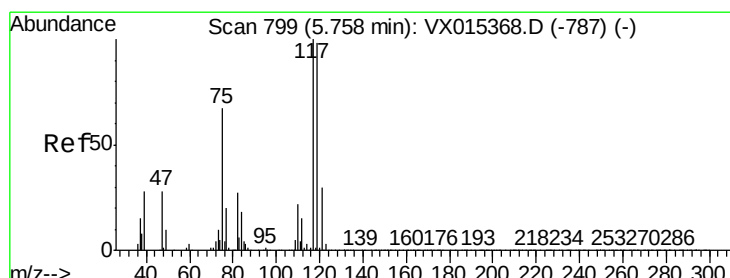
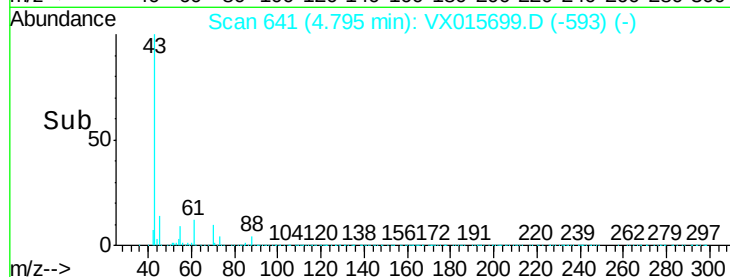
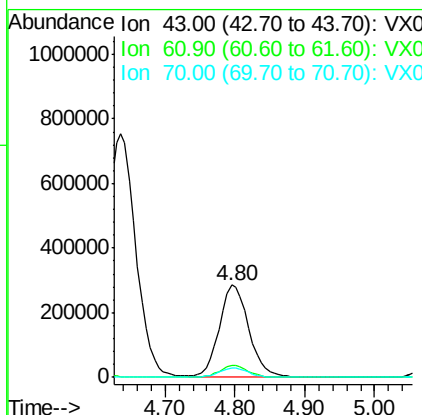
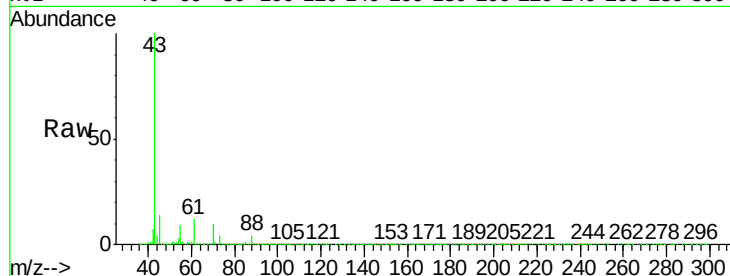
#37
Ethyl Acetate
Concen: 45.563 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	10.1	8.1	12.1

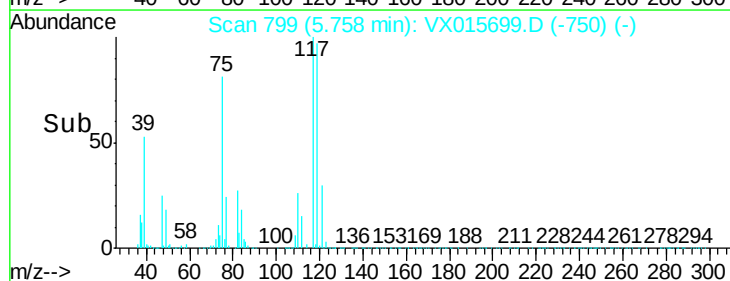
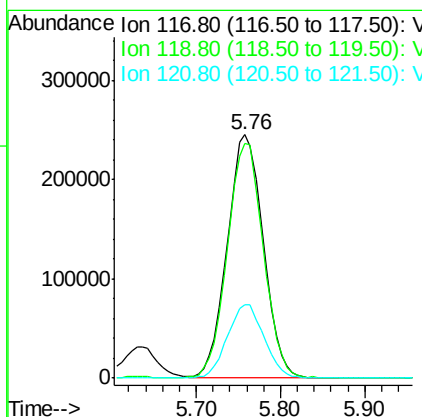
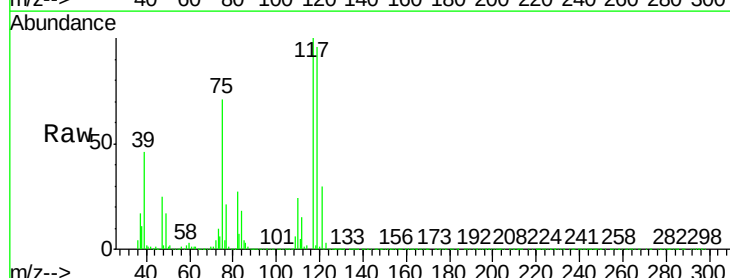
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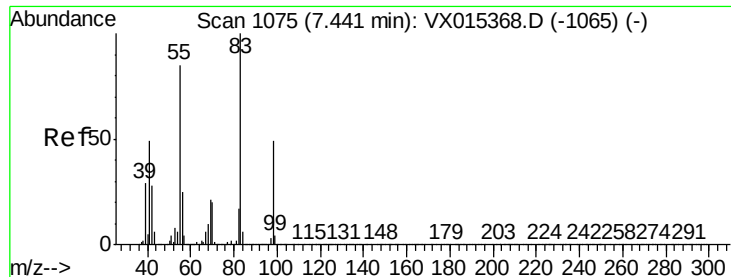
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#38
Carbon Tetrachloride
Concen: 46.684 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.0	117.0
121	30.2	23.8	35.8





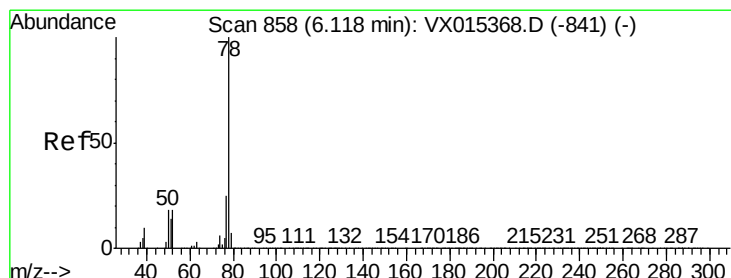
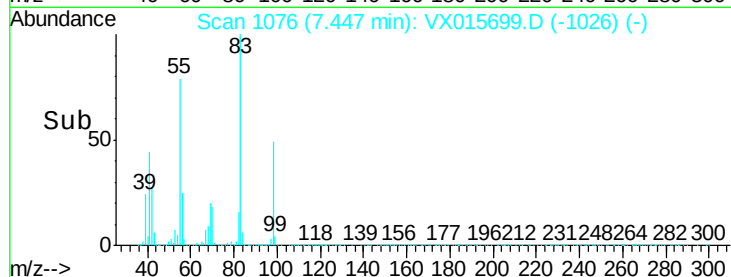
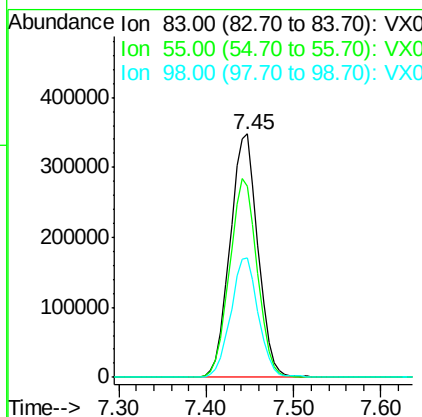
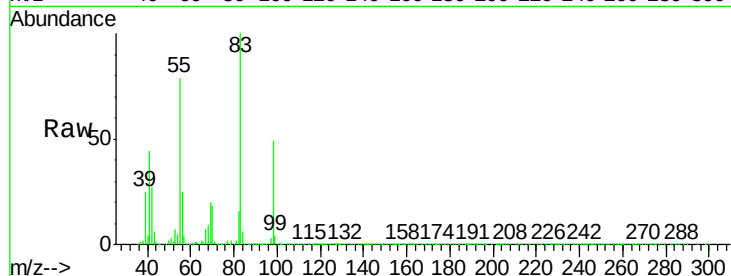
#39
Methylvlcyclohexane
Concen: 47.324 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	67.8	101.6
98	49.0	39.3	58.9

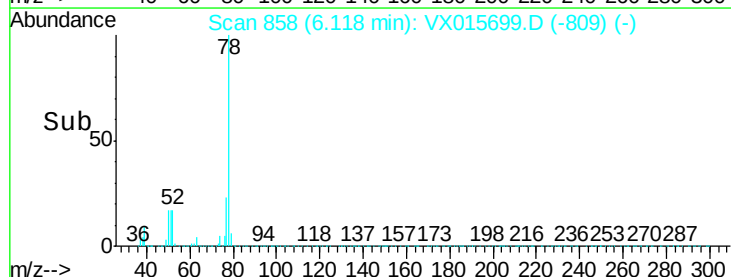
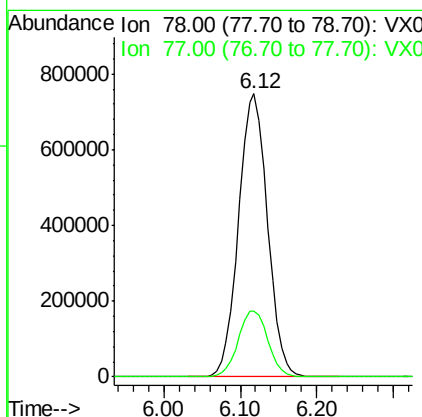
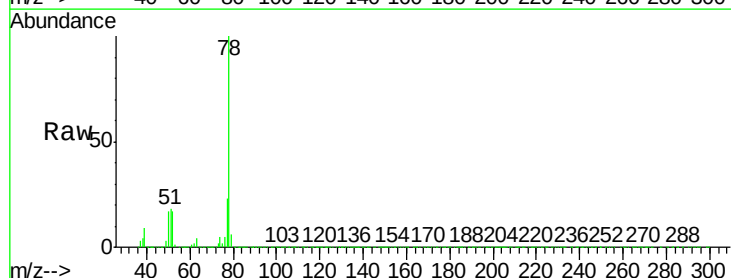
Manual Integrations
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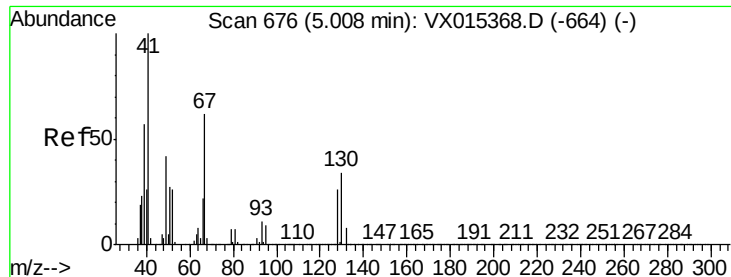
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#40
Benzene
Concen: 47.576 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.8	29.8





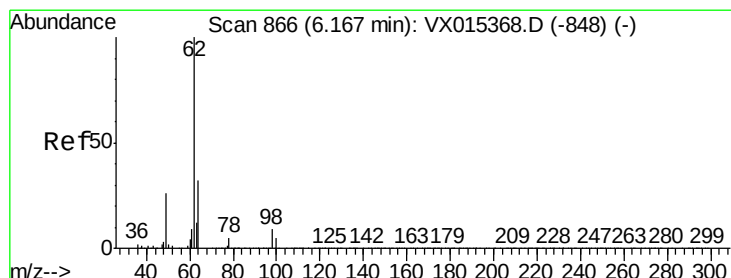
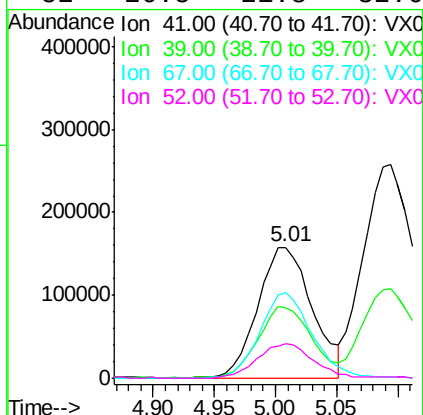
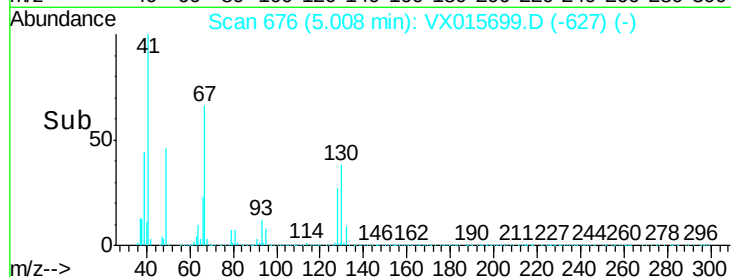
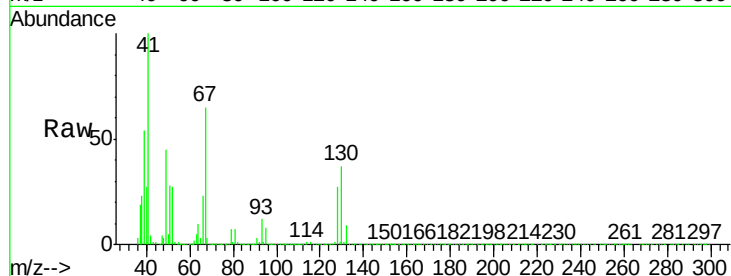
#41
Methacrylonitrile
Concen: 47.742 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		486155		
39	53.9	44.5	66.7		
67	62.7	48.9	73.3		
52	26.5	21.8	32.6		

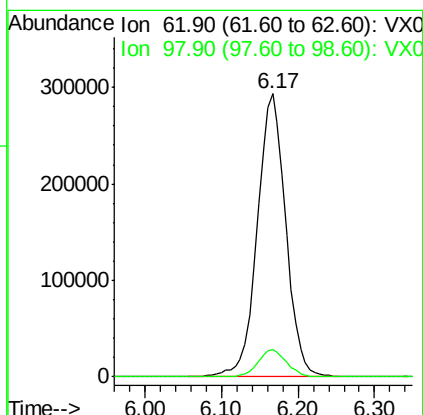
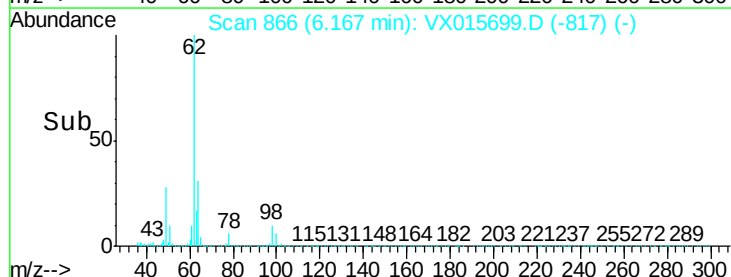
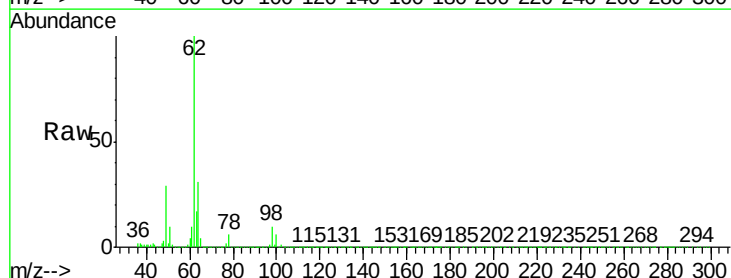
Manual Integrations
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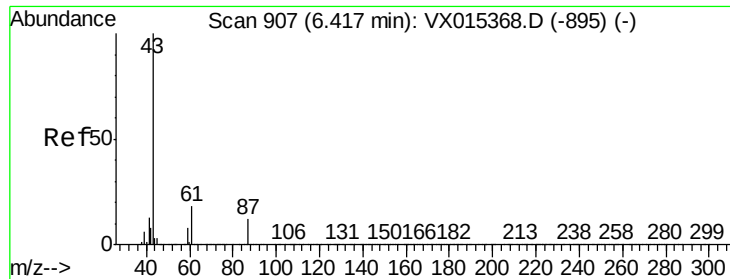
MMDadoda
4/16/2020 11:03:00 AM



#42
1,2-Dichloroethane
Concen: 45.834 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		759769		
98	9.5	0.0	17.6		





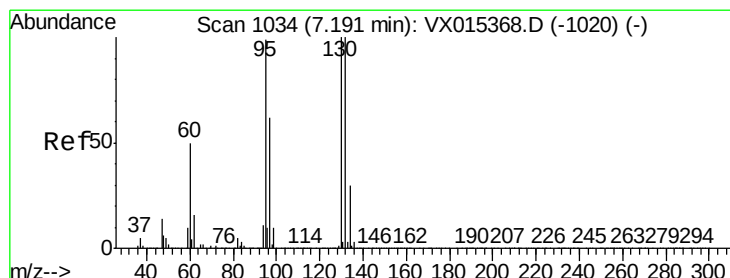
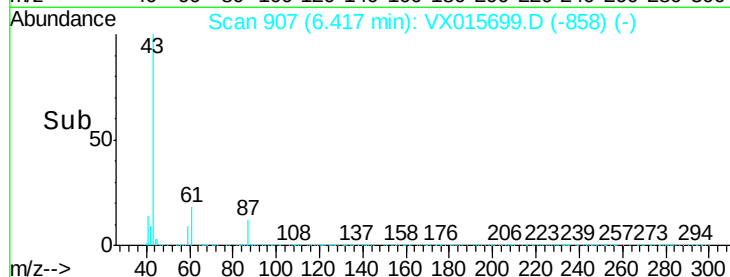
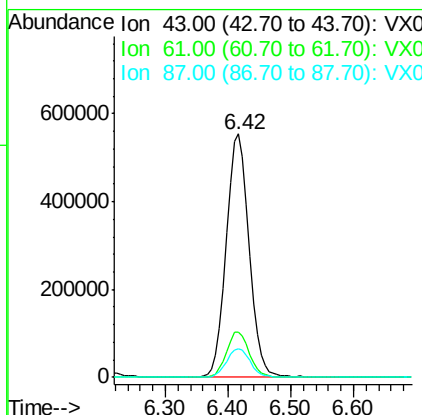
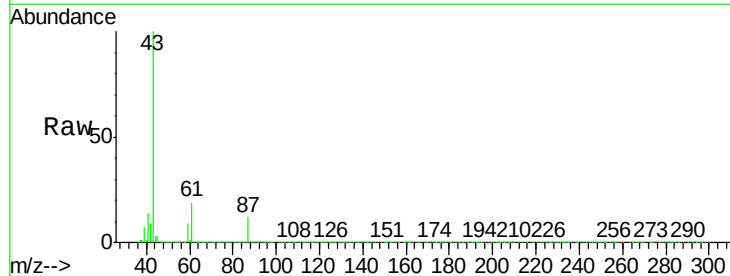
#43
Isopropyl Acetate
Concen: 44.910 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.8	22.2
87	12.2	9.4	14.0

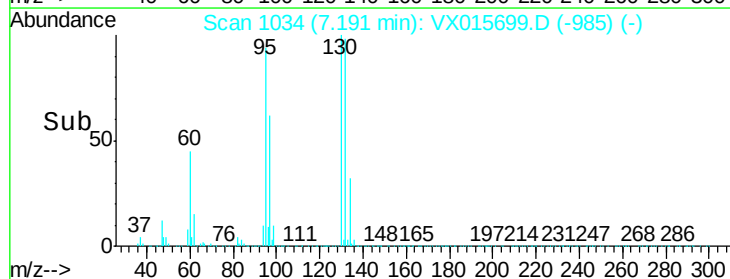
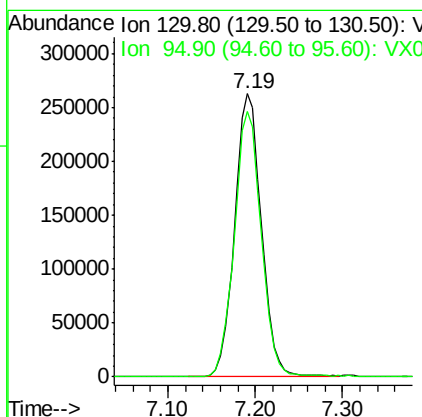
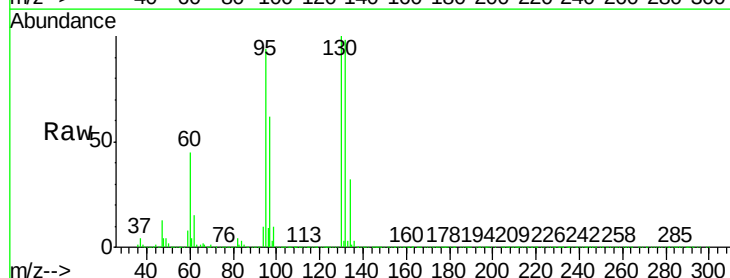
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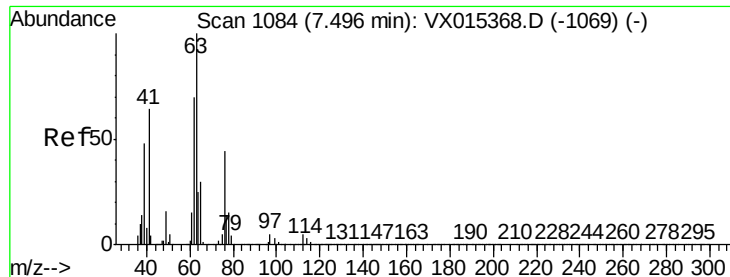
MMDadoda
4/16/2020 11:03:00 AM



#44
Trichloroethene
Concen: 49.687 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	199.0





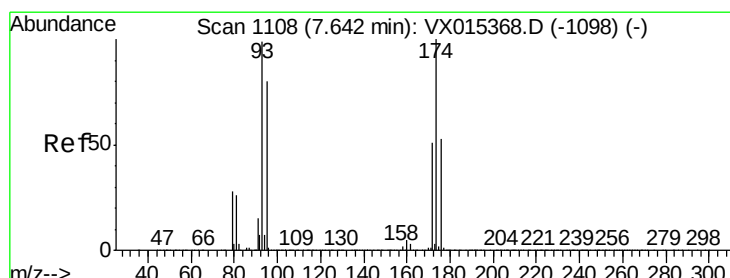
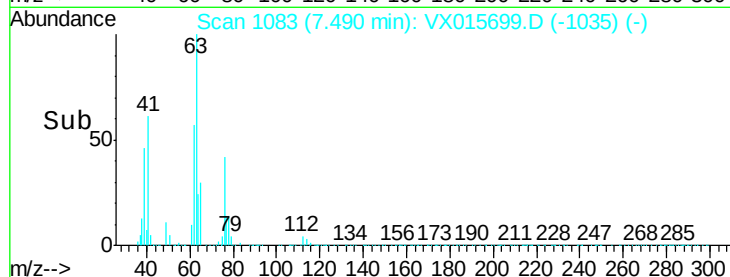
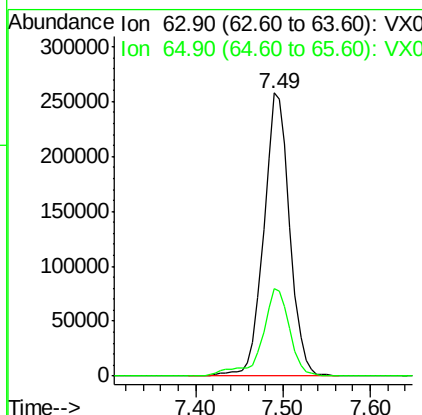
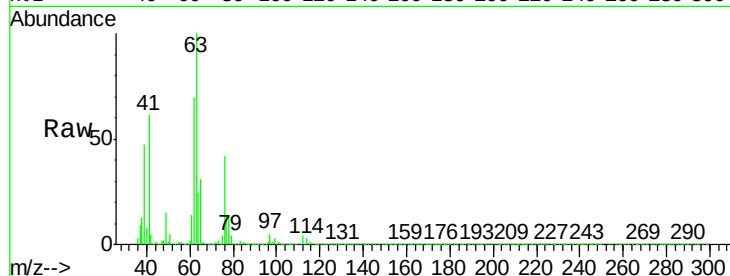
#45
 1,2-Dichloropropane
 Concen: 47.114 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.9	35.9

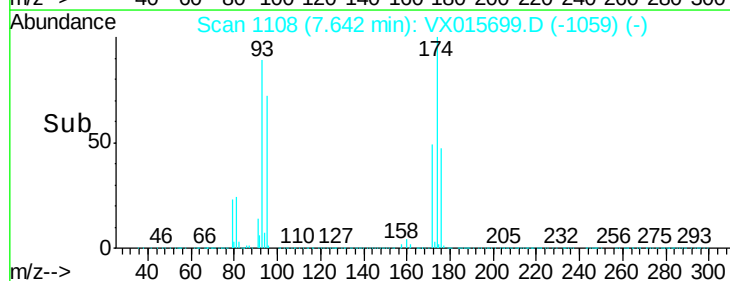
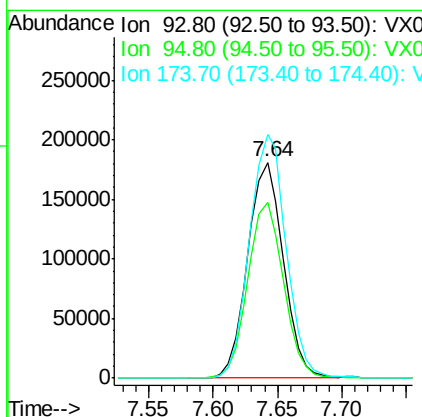
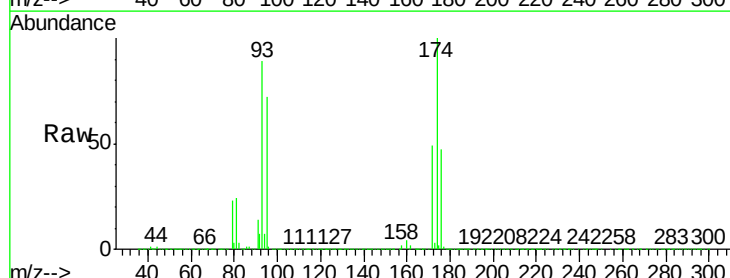
Manual Integrations
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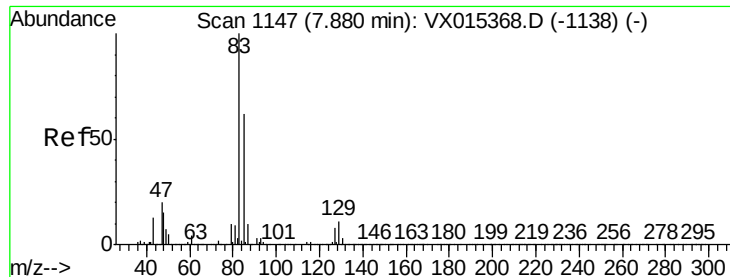
MMDadoda
 4/16/2020 11:03:00 AM



#46
 Dibromomethane
 Concen: 46.600 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.8	98.8
174	116.5	86.2	129.2





#47

Bromodichloromethane

Concen: 45.822 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

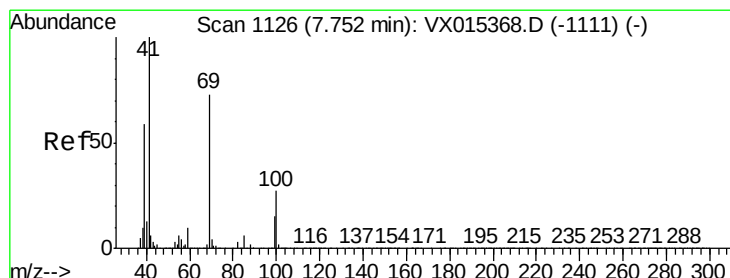
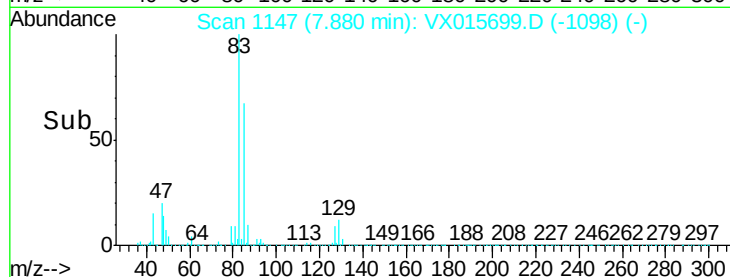
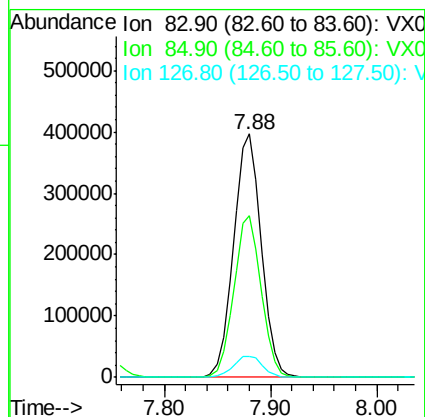
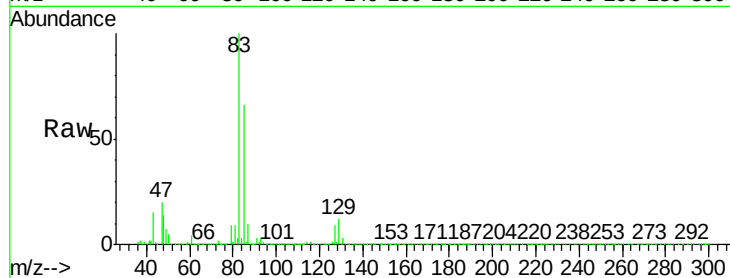
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	723058
Ion Ratio	Lower	Upper	
83	100		
85	66.4	49.7	74.5
127	8.6	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.556 ug/l

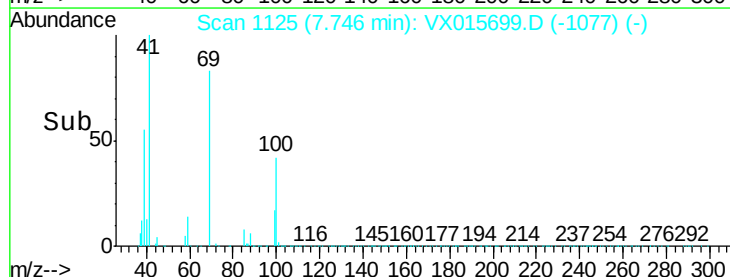
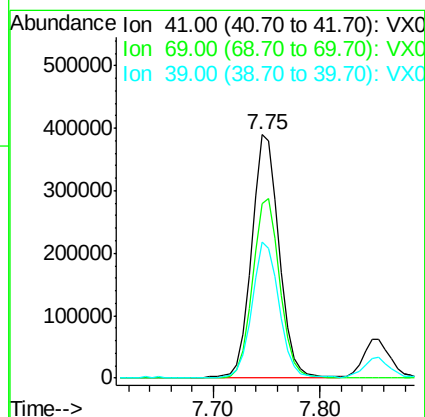
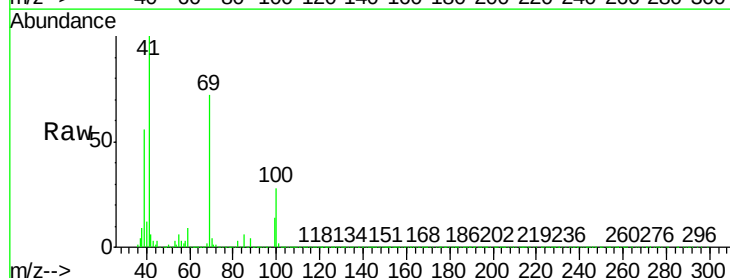
RT: 7.75 min Scan# 1125

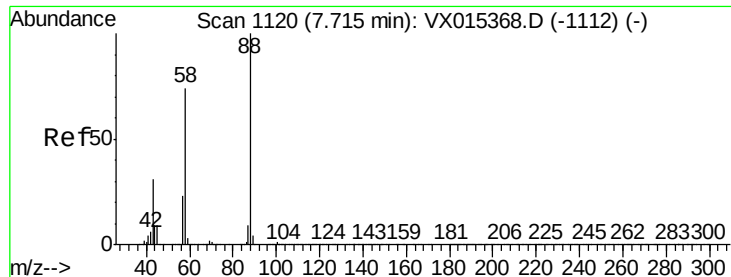
Delta R.T. -0.01 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	41	Resp:	704630
Ion Ratio	Lower	Upper	
41	100		
69	73.4	56.7	85.1
39	54.9	46.5	69.7





#49

1,4-Dioxane

Concen: 954.678 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

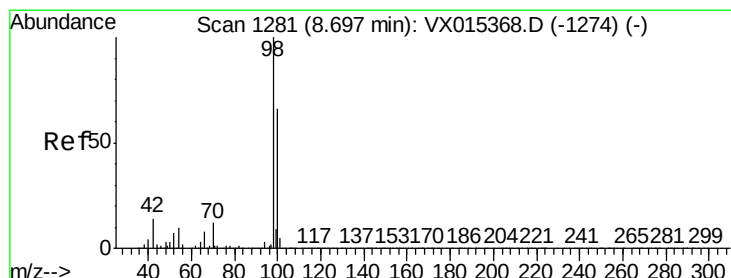
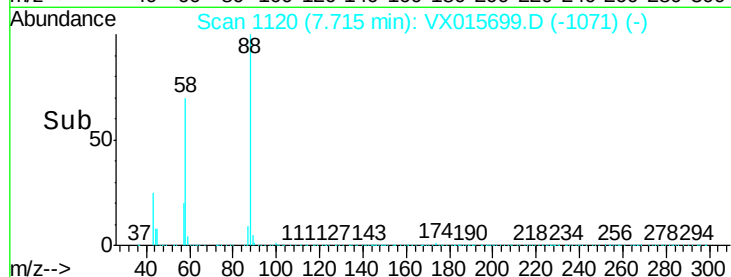
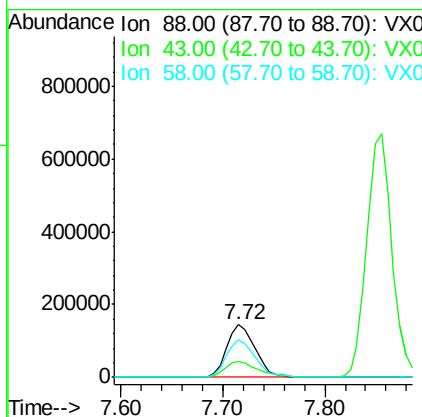
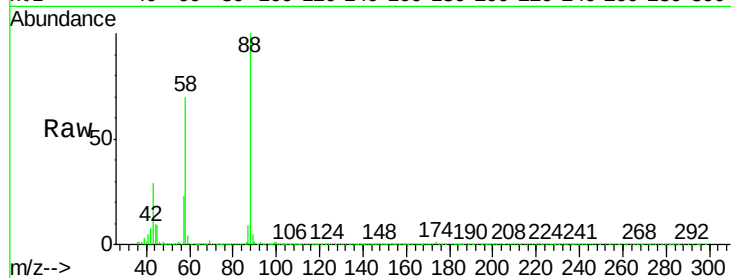
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	275463
Ion Ratio	Lower	Upper	
88	100		
43	35.5	30.1	45.1
58	72.7	60.6	90.8

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#50

Toluene-d8

Concen: 47.778 ug/l

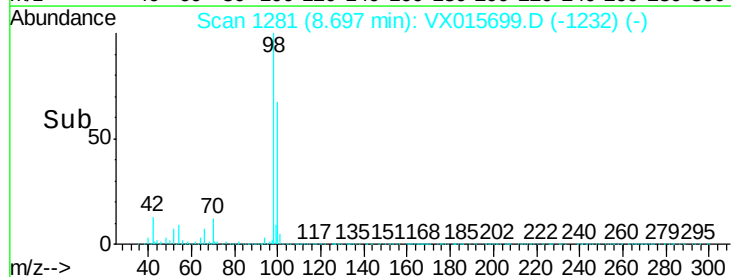
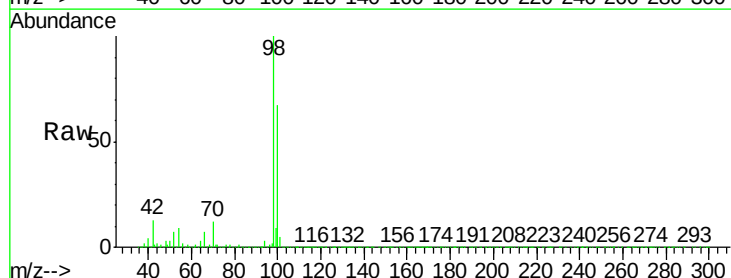
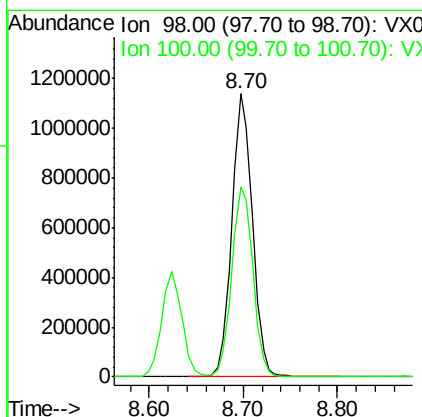
RT: 8.70 min Scan# 1281

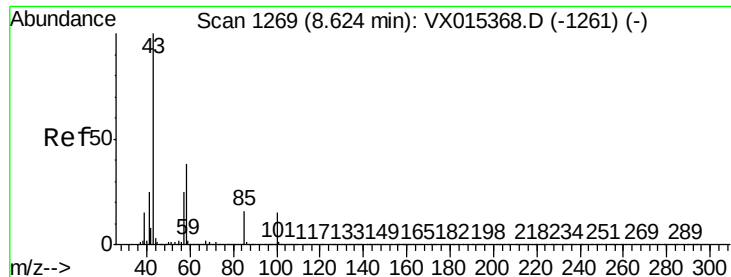
Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	98	Resp:	1719287
Ion Ratio	Lower	Upper	
98	100		
100	69.1	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 238.214 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4180438

Ion Ratio Lower Upper

43 100

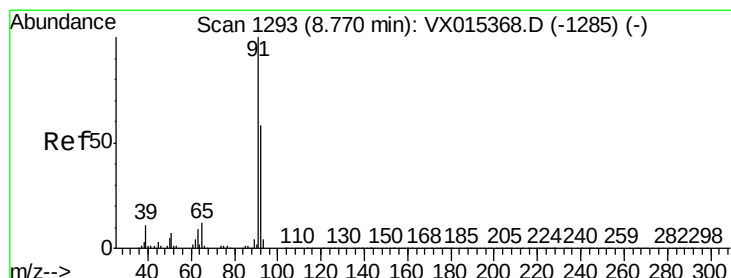
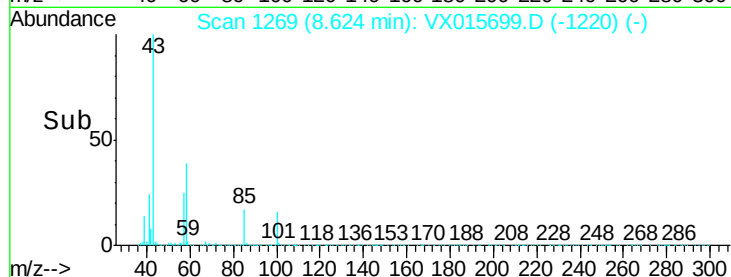
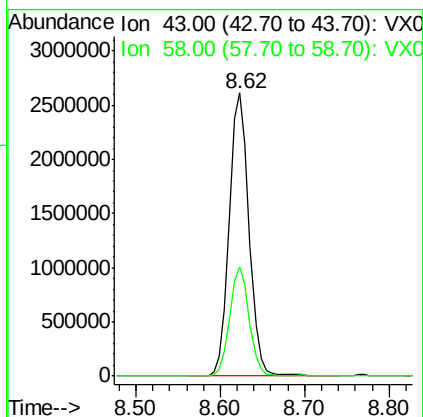
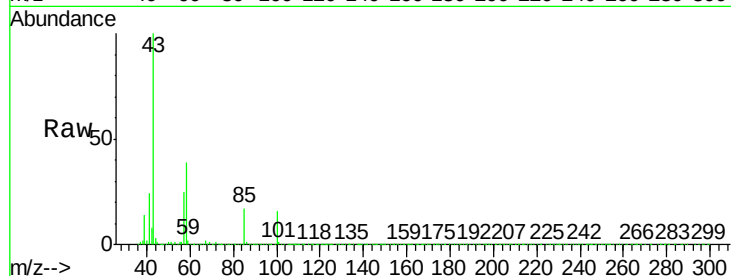
58 37.8 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 49.520 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015699.D

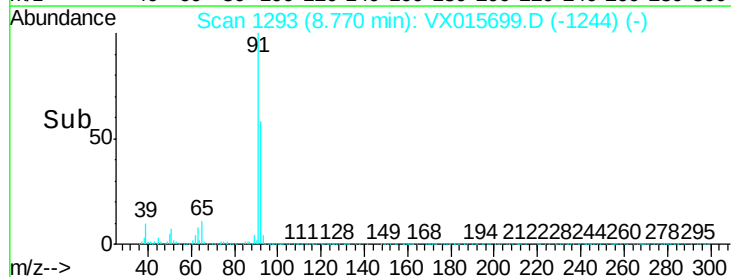
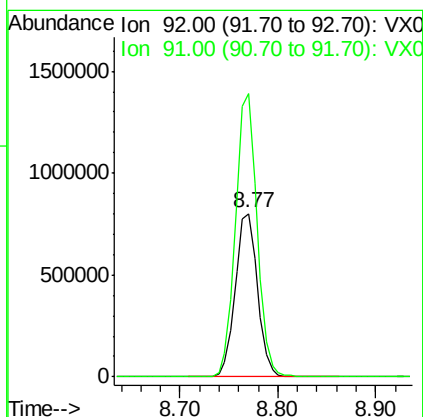
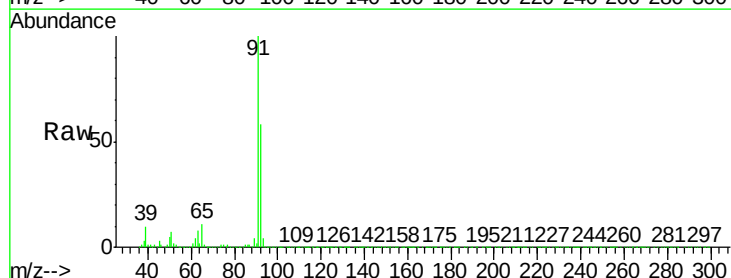
Acq: 15 Apr 2020 21:17

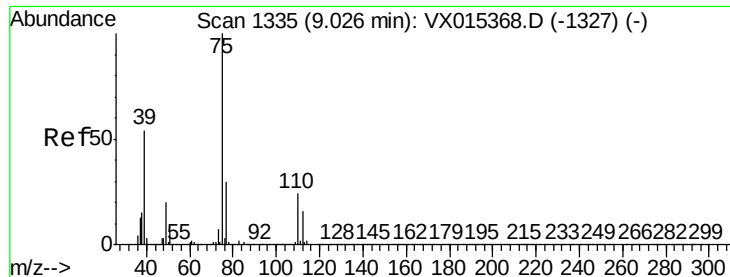
Tgt Ion: 92 Resp: 1259918

Ion Ratio Lower Upper

92 100

91 169.0 136.6 205.0





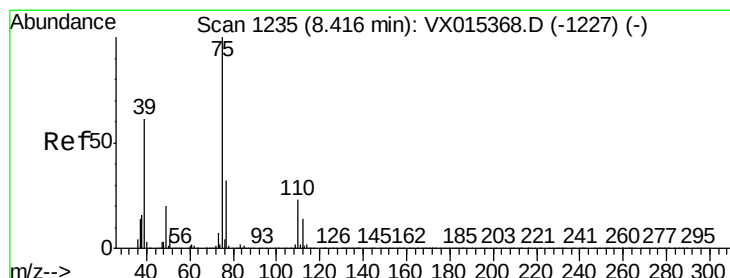
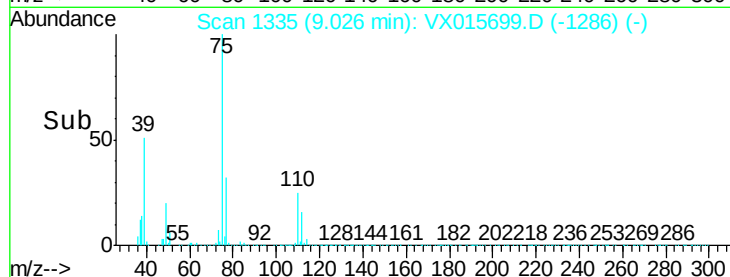
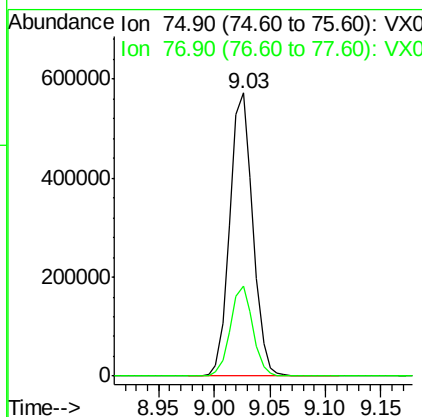
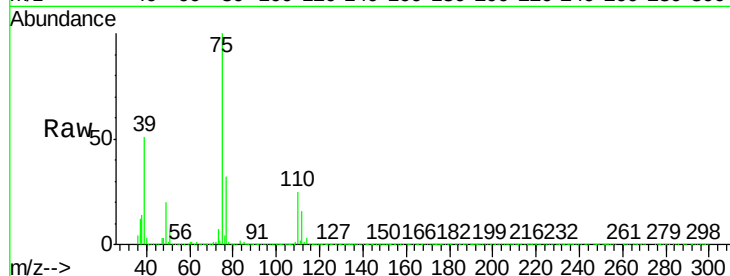
#53
t-1,3-Dichloropropene
Concen: 44.192 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100	817836		
77	31.5	24.1	36.1	

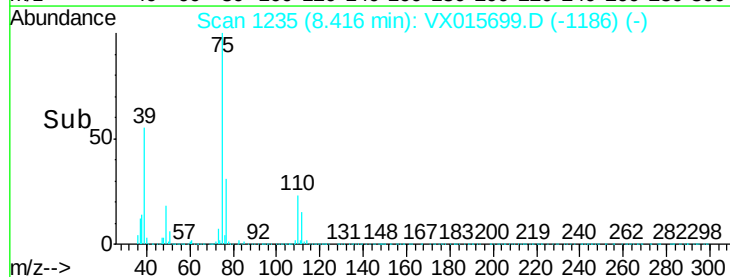
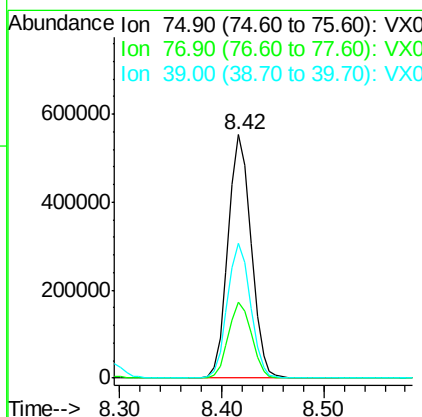
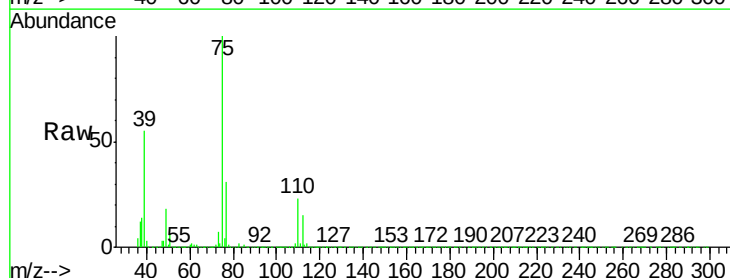
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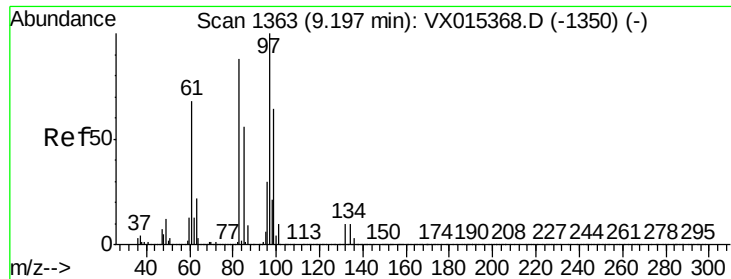
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 45.998 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	867158		
77	31.1	25.8	38.6	
39	55.1	49.0	73.4	





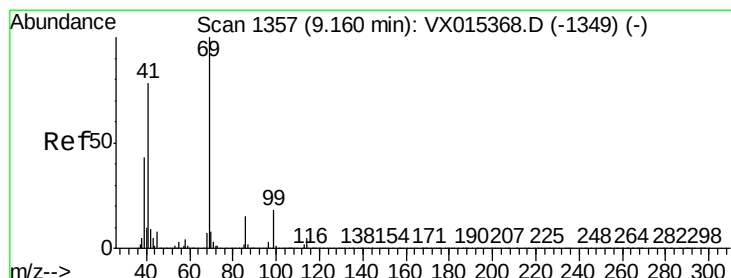
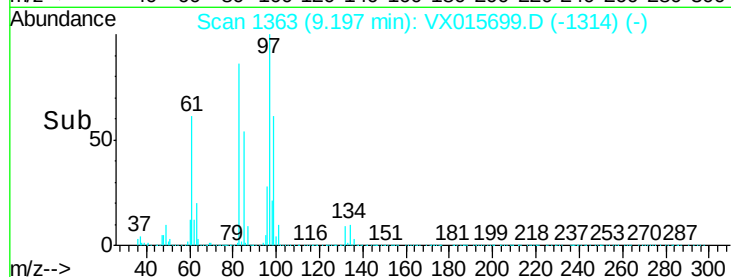
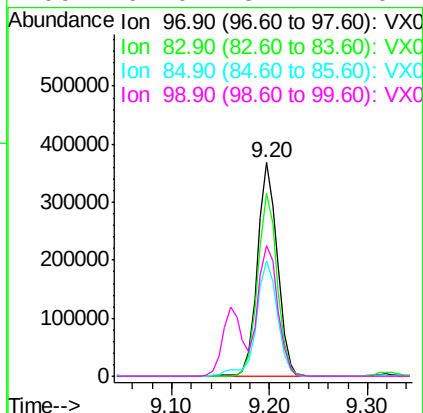
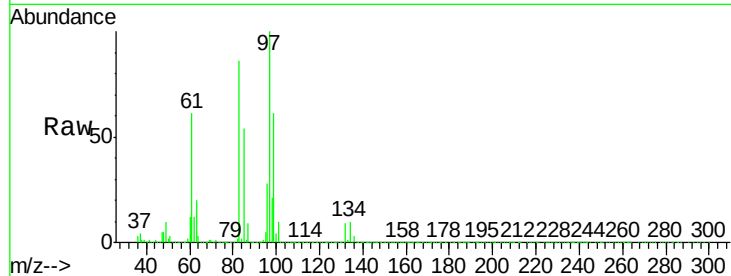
#55
 1,1,2-Trichloroethane
 Concen: 49.786 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.2	105.4
85	53.8	44.7	67.1
99	61.0	51.1	76.7

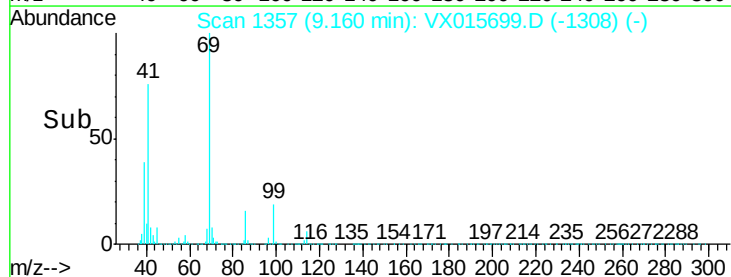
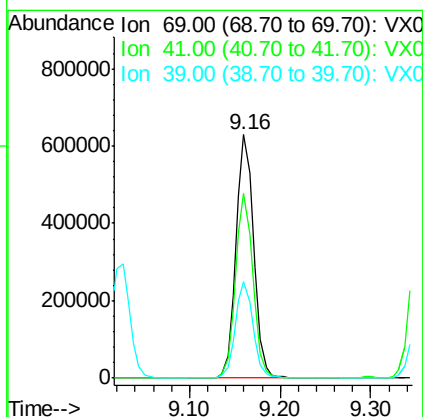
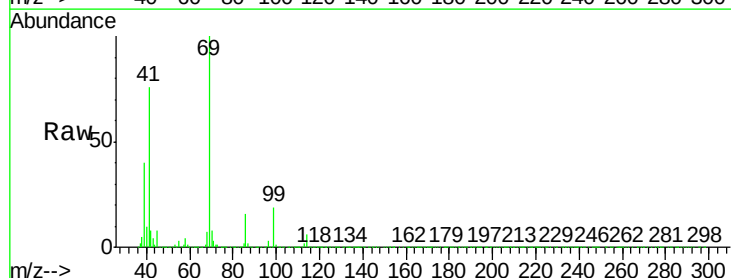
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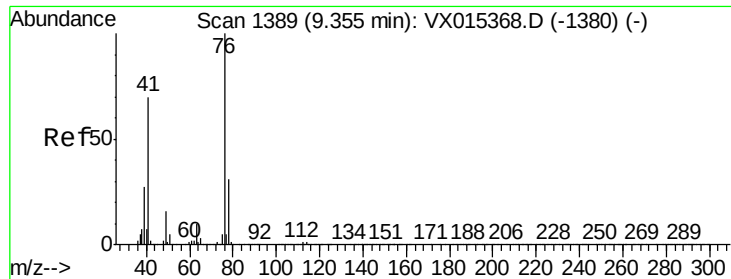
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#56
 Ethyl methacrylate
 Concen: 46.756 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.9	61.6	92.4
39	39.3	34.0	51.0





#57

1,3-Dichloropropane

Concen: 46.860 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 880063

Ion Ratio Lower Upper

76 100

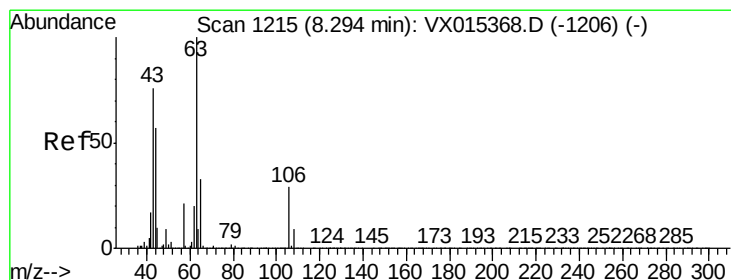
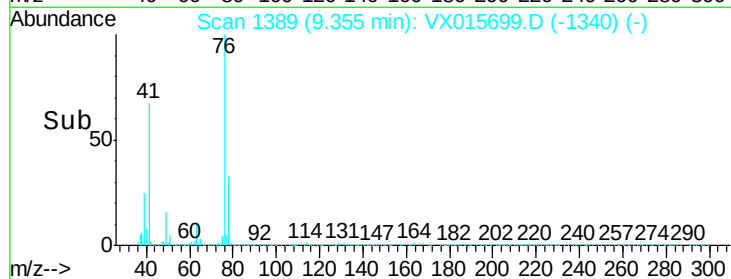
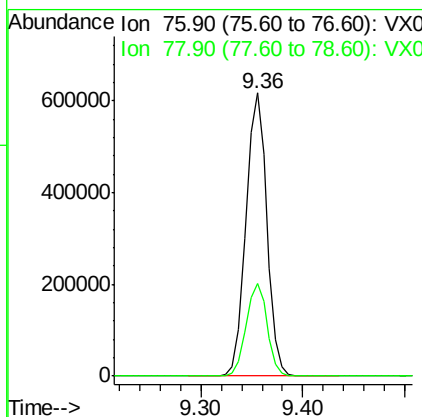
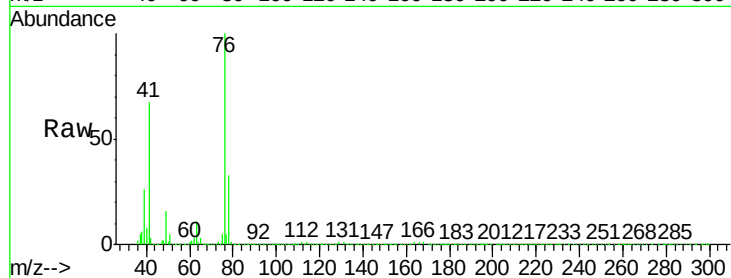
78 32.6 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 235.861 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015699.D

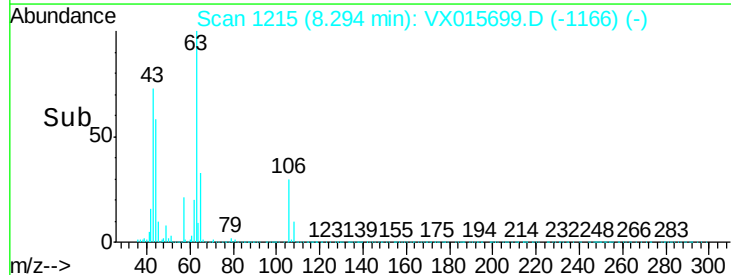
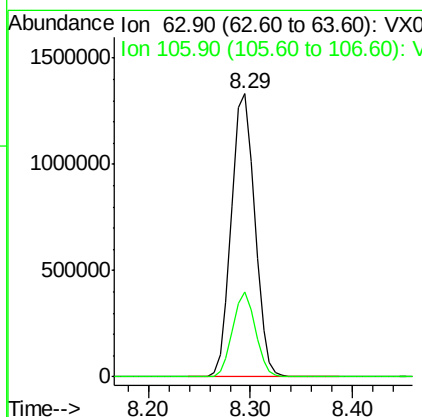
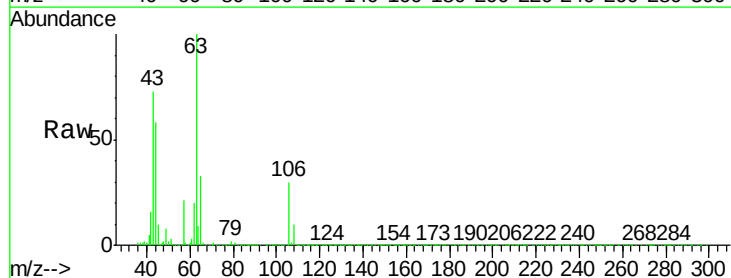
Acq: 15 Apr 2020 21:17

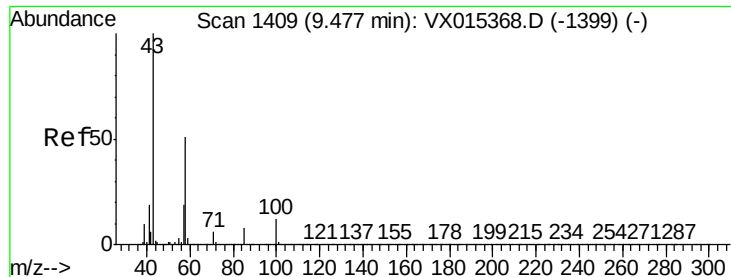
Tgt Ion: 63 Resp: 2107589

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1





#59

2-Hexanone

Concen: 239.869 ug/l

RT: 9.48 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3178071

Ion Ratio Lower Upper

43 100

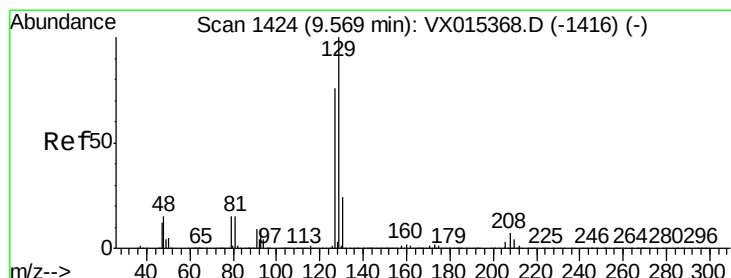
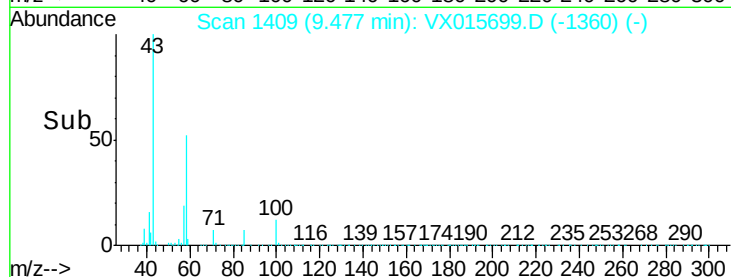
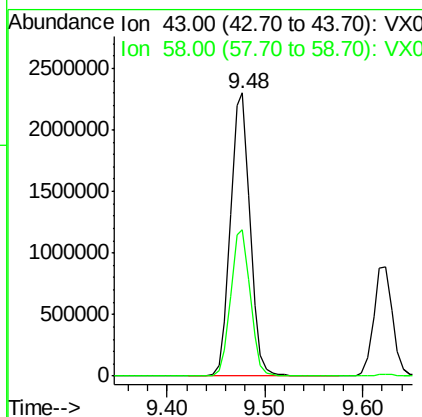
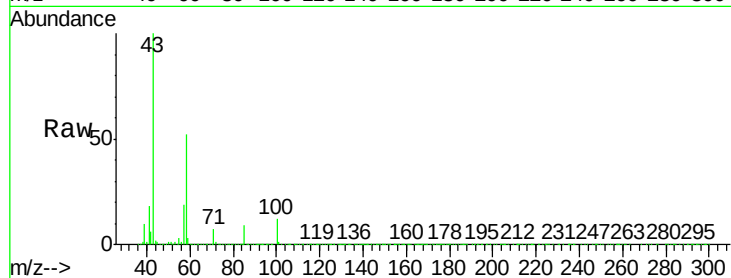
58 51.9 25.6 76.6

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#60

Dibromochloromethane

Concen: 48.504 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015699.D

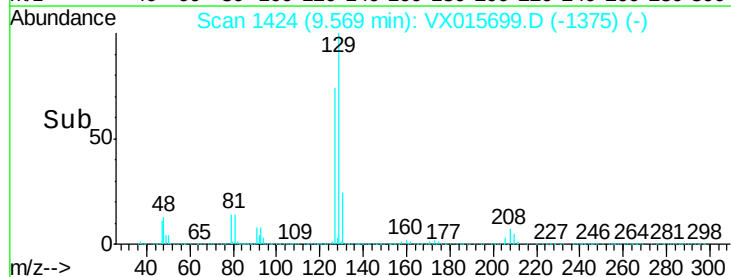
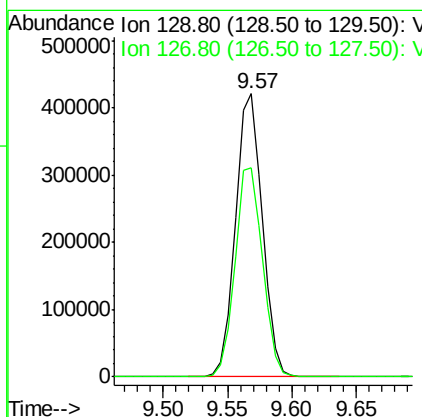
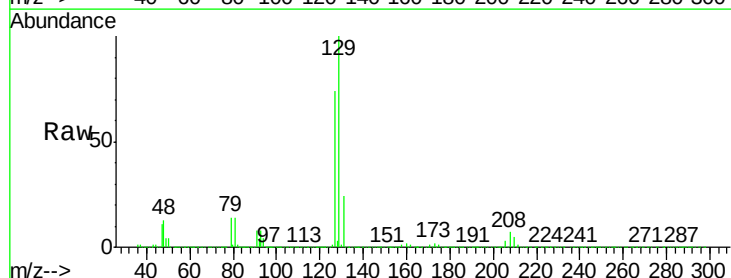
Acq: 15 Apr 2020 21:17

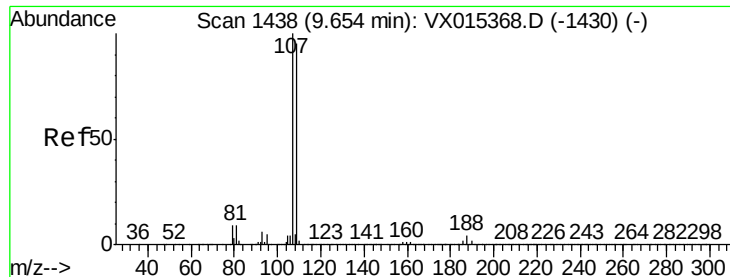
Tgt Ion:129 Resp: 607553

Ion Ratio Lower Upper

129 100

127 75.9 38.2 114.6





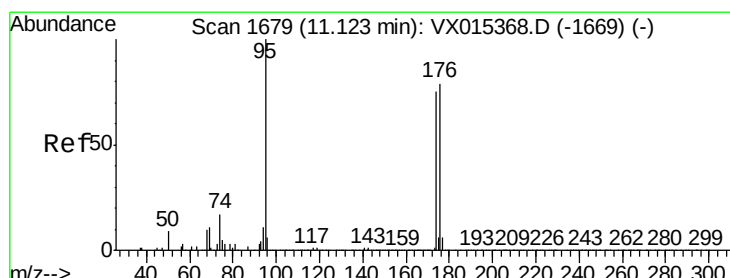
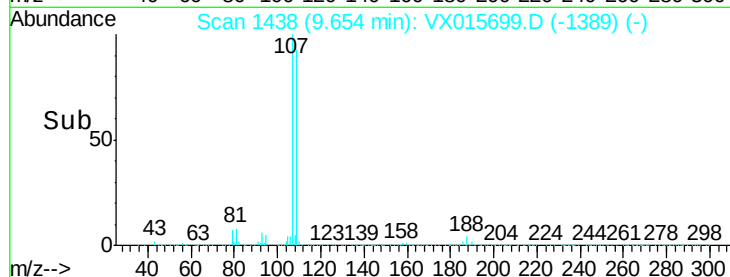
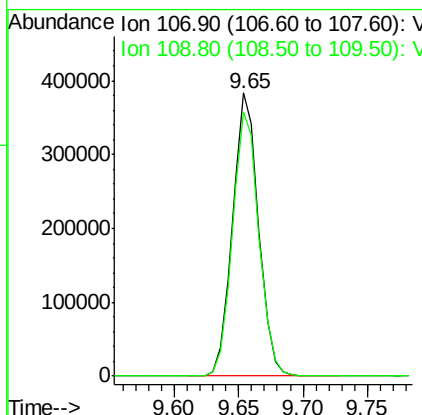
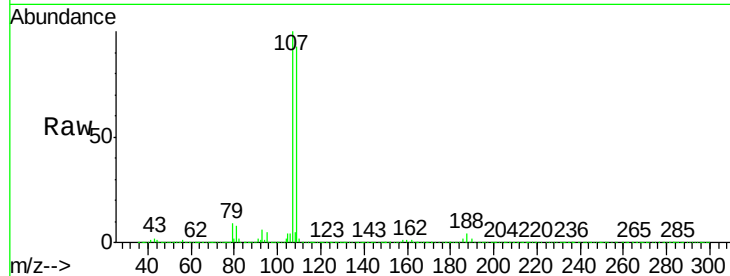
#61
 1,2-Dibromoethane
 Concen: 47.351 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	536698		
109	95.1	74.8	112.2	

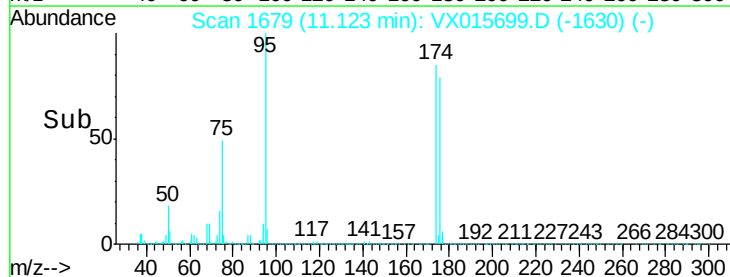
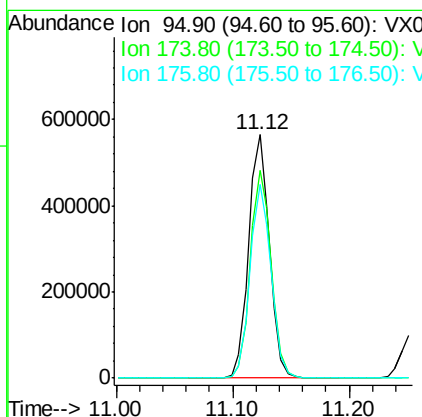
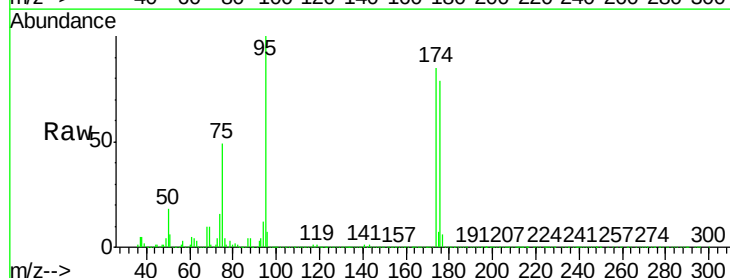
Manual Integrations
 APPROVED

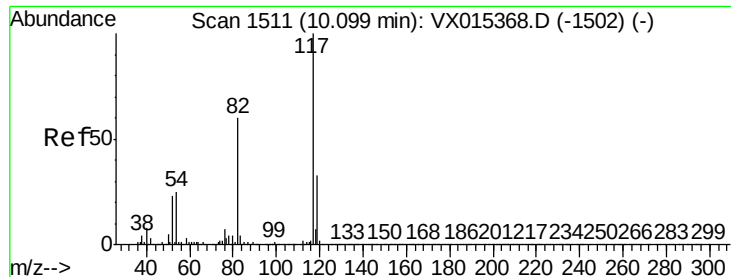
MMDadoda
 4/16/2020 11:03:00 AM



#62
 4-Bromofluorobenzene
 Concen: 48.181 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	704613		
174	85.4	0.0	158.6	
176	80.2	0.0	159.0	





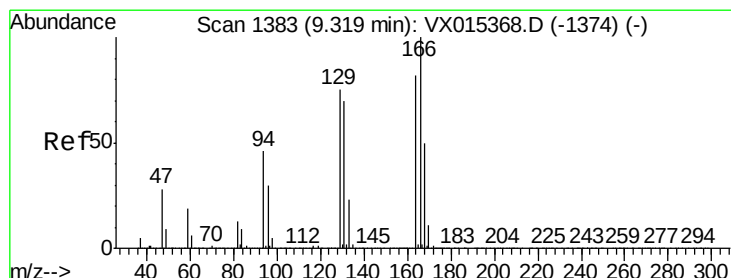
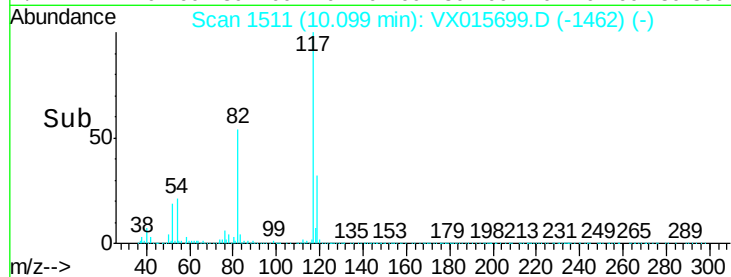
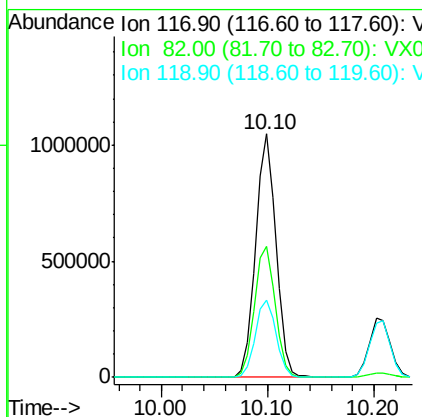
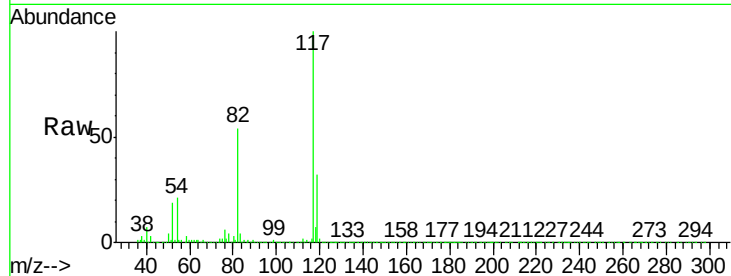
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	47.8	71.8
119	31.6	26.8	40.2

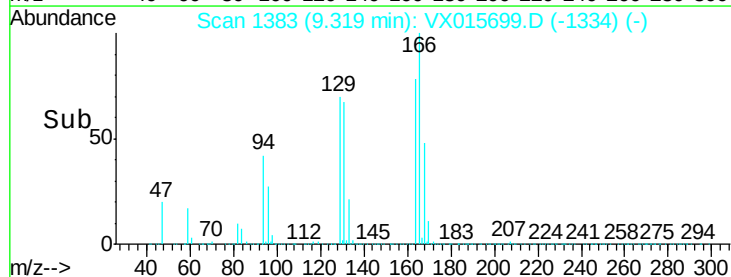
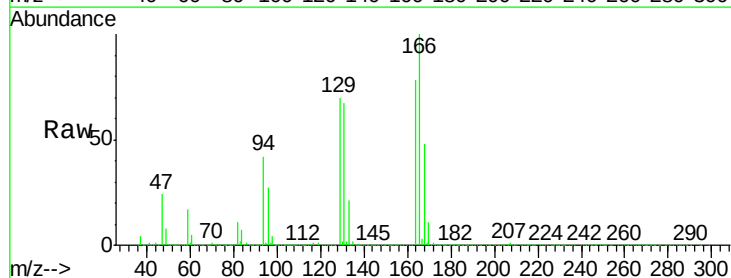
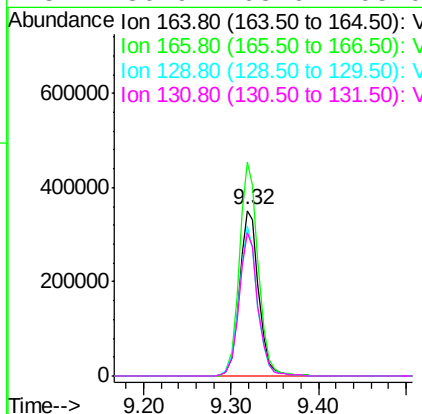
Manual Integrations
APPROVED

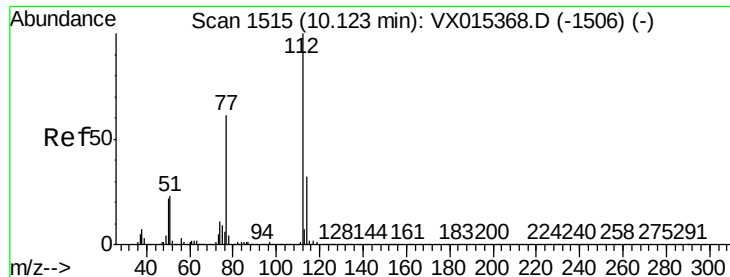
MMDadoda
4/16/2020 11:03:00 AM



#64
Tetrachloroethene
Concen: 50.373 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	97.8	146.6
129	90.5	73.0	109.4
131	86.9	68.6	103.0





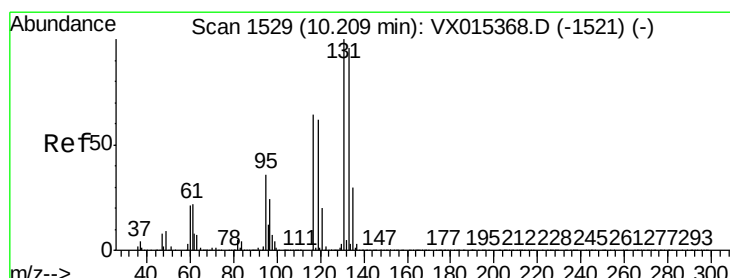
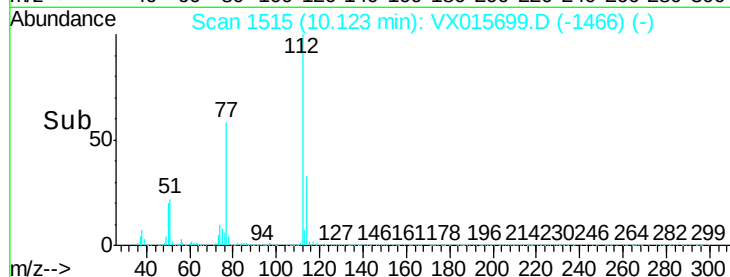
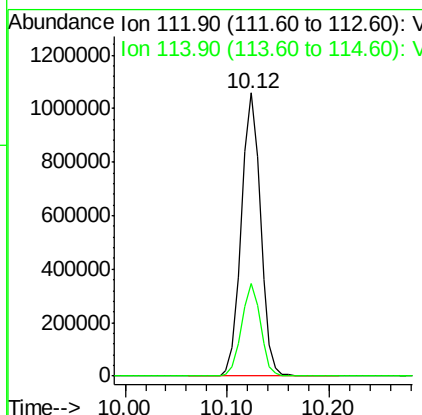
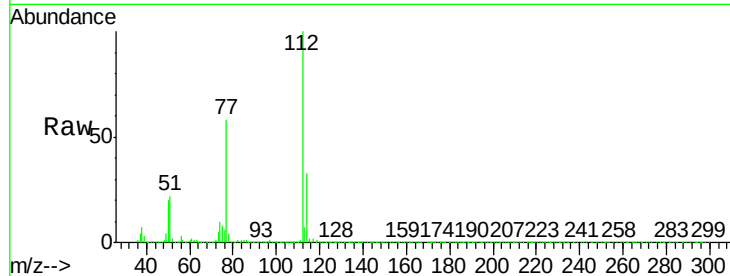
#65
Chlorobenzene
Concen: 48.765 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1370289
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

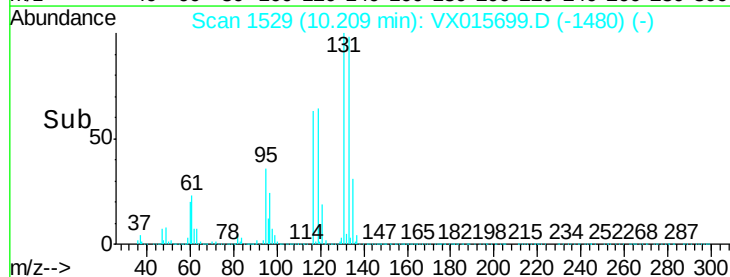
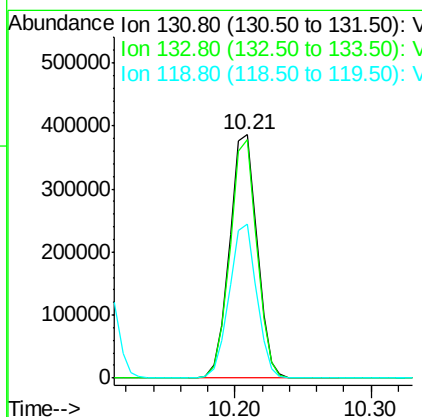
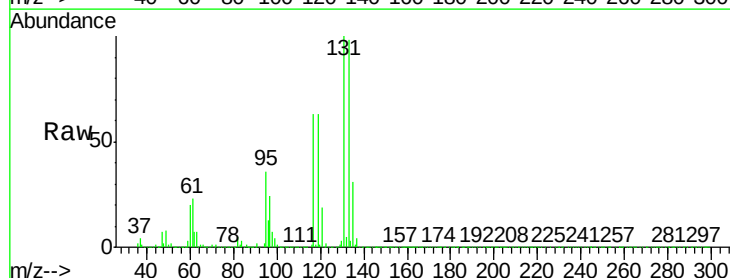
Manual Integrations
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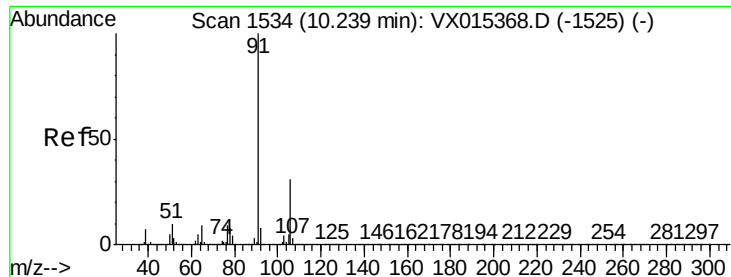
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.394 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion:131 Resp: 543271
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 62.5 31.1 93.3





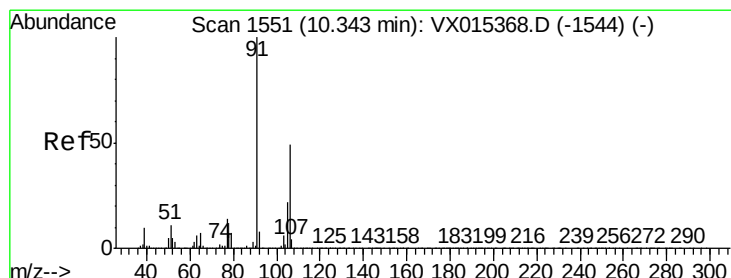
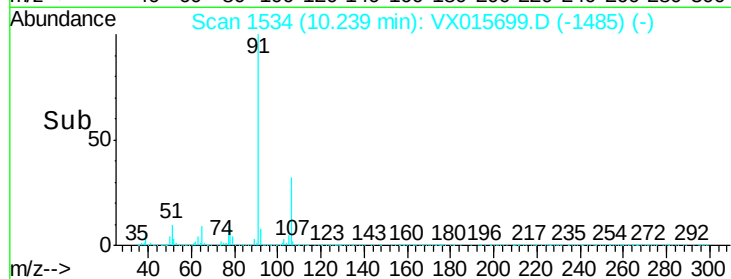
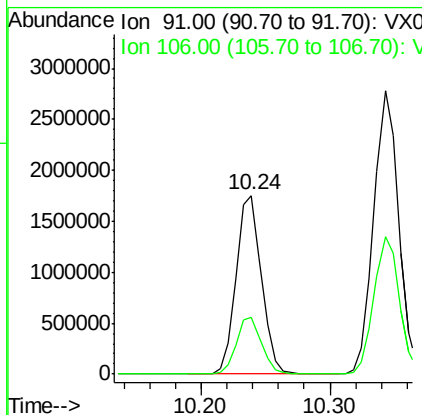
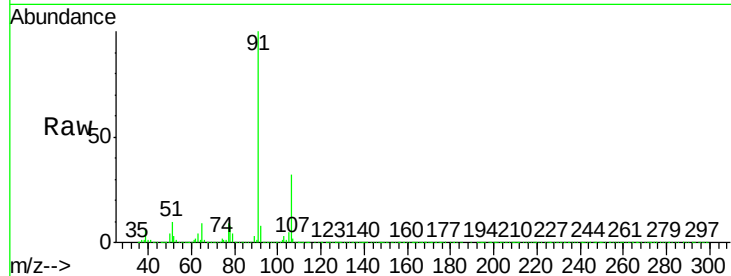
#67
Ethyl Benzene
Concen: 48.227 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2403496
Ion Ratio Lower Upper
91 100
106 32.1 24.8 37.2

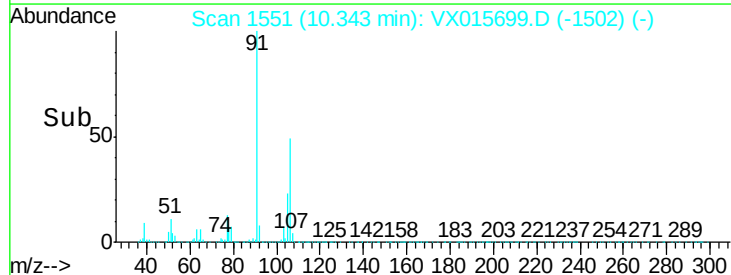
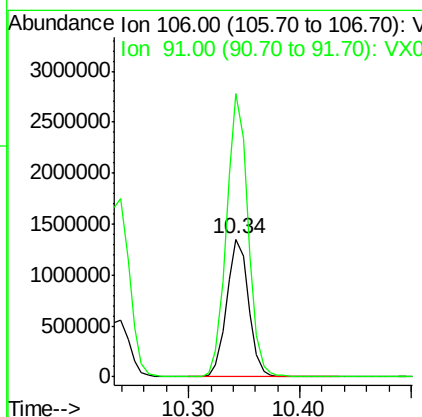
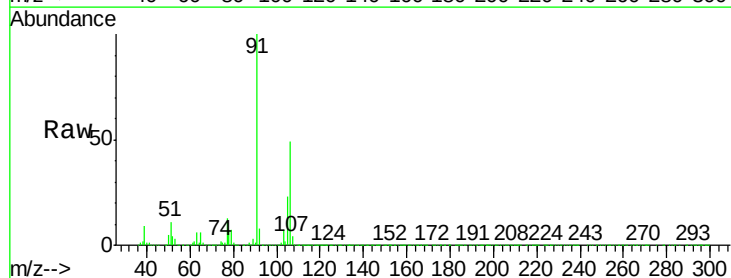
Manual Integrations
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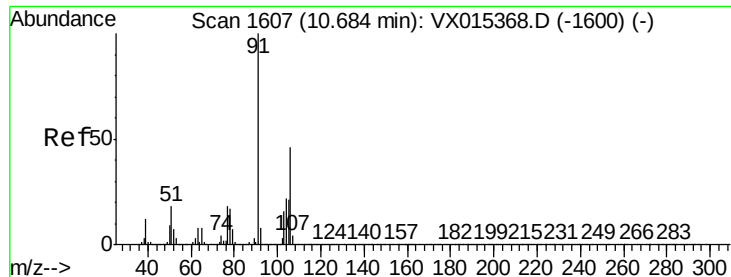
MMDadoda
4/16/2020 11:03:00 AM



#68
m/p-Xylenes
Concen: 99.132 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion: 106 Resp: 1839663
Ion Ratio Lower Upper
106 100
91 201.3 163.4 245.0





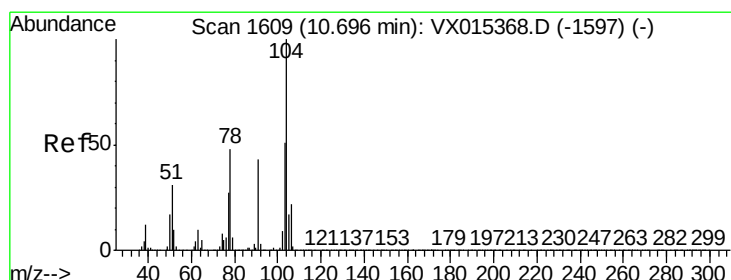
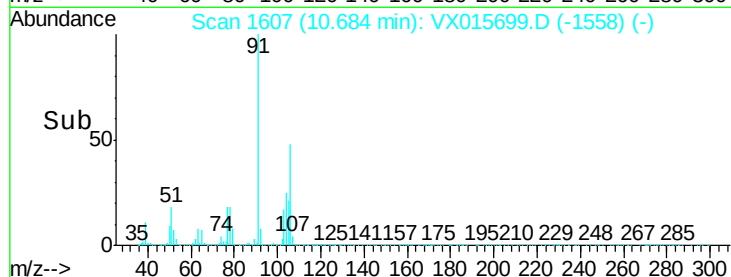
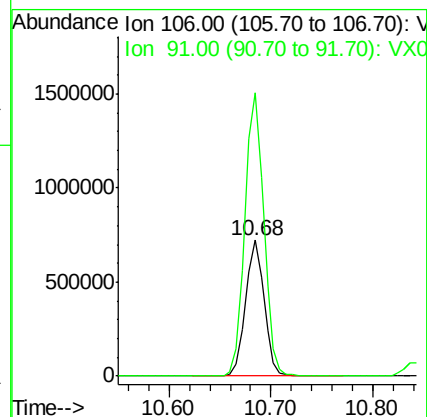
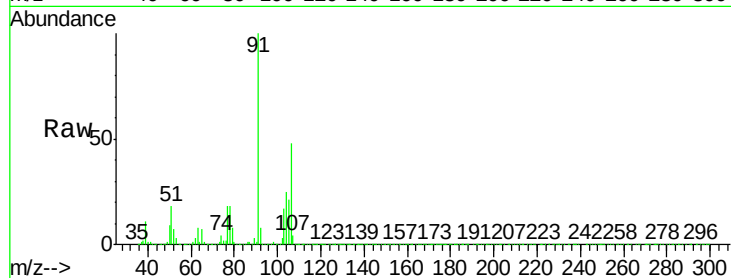
#69
o-Xylene
Concen: 49.414 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	906164		
91	211.6	107.1	321.3	

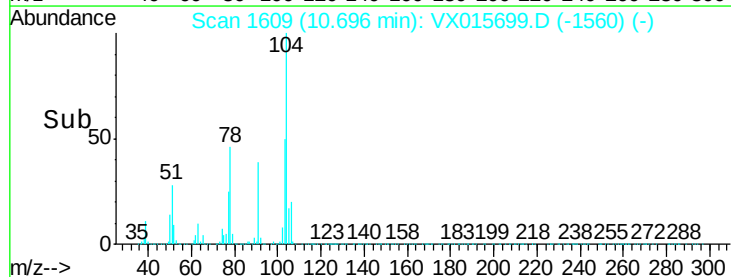
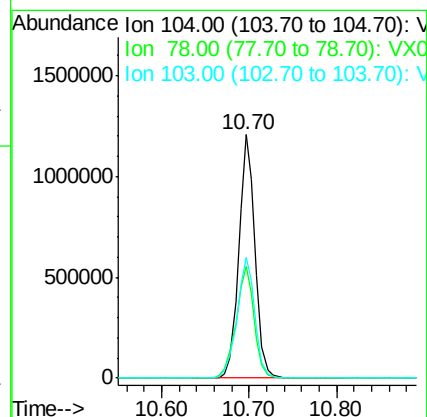
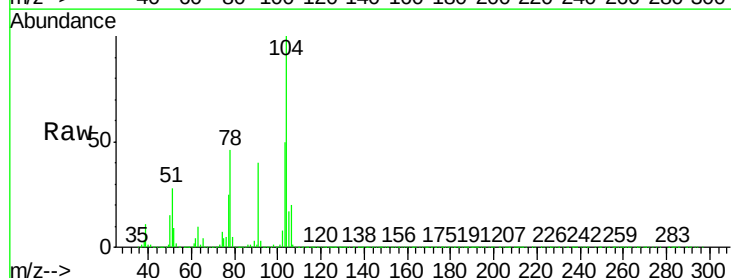
Manual Integrations
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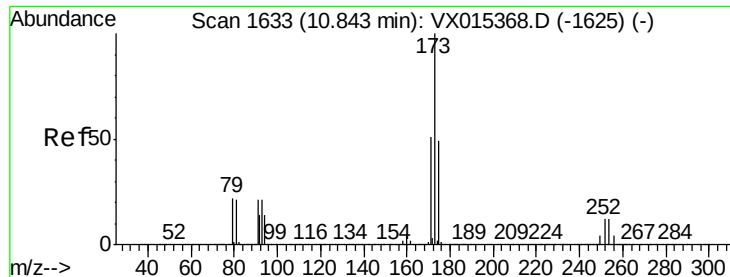
MMDadoda
4/16/2020 11:03:00 AM



#70
Styrene
Concen: 48.543 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	1566450		
78	50.9	42.0	63.0	
103	54.3	43.4	65.0	





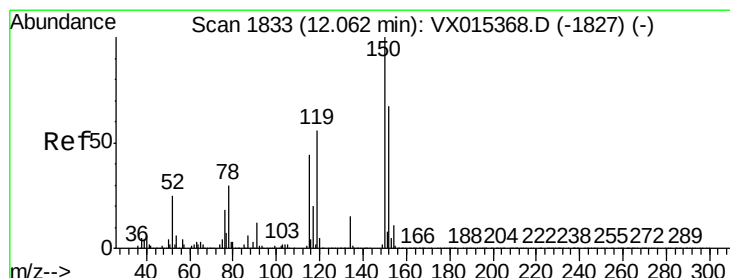
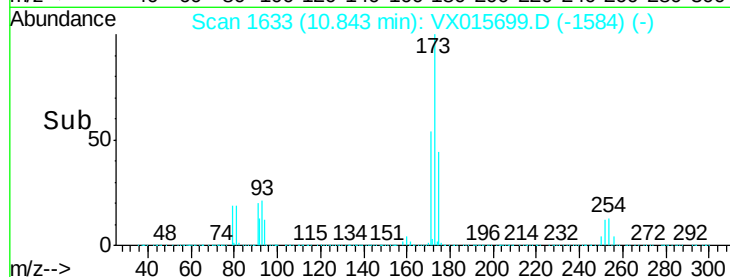
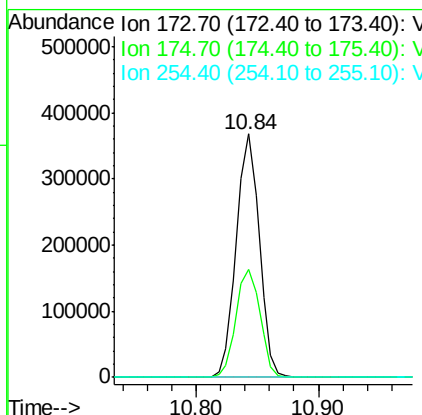
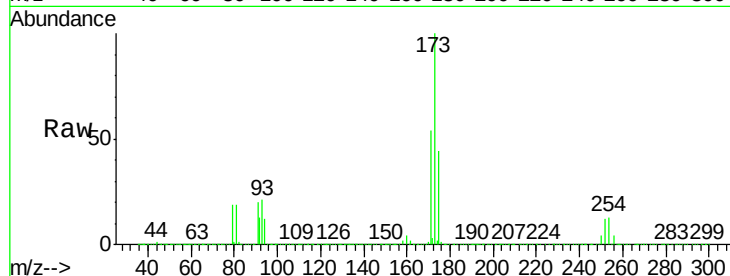
#71
Bromoform
Concen: 46.686 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.3	23.9	71.7
254	0.2	0.1	0.1#

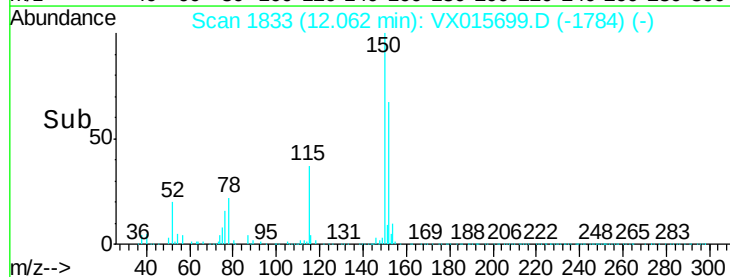
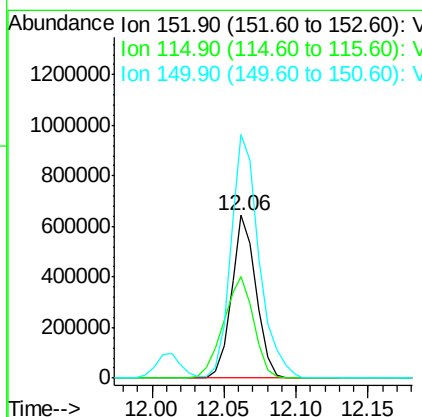
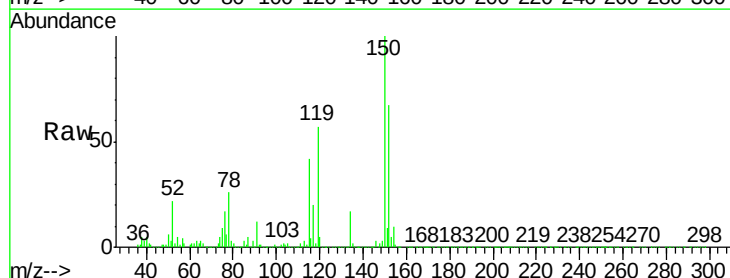
Manual Integrations
APPROVED

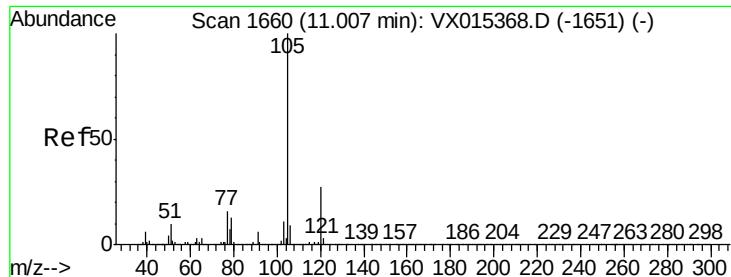
MMDadoda
4/16/2020 11:03:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.3	39.0	116.9
150	172.0	0.0	340.8





#73

Isopropylbenzene

Concen: 47.630 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2384154

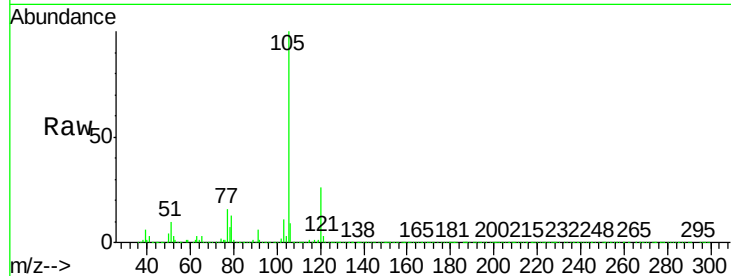
Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5

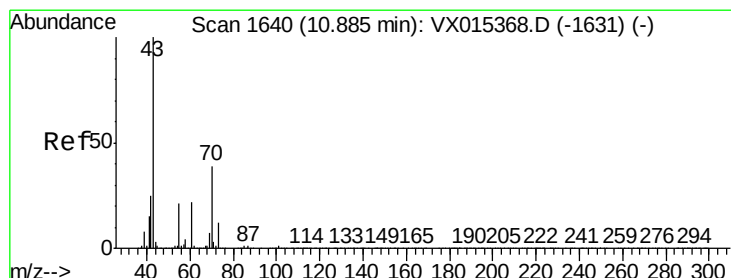
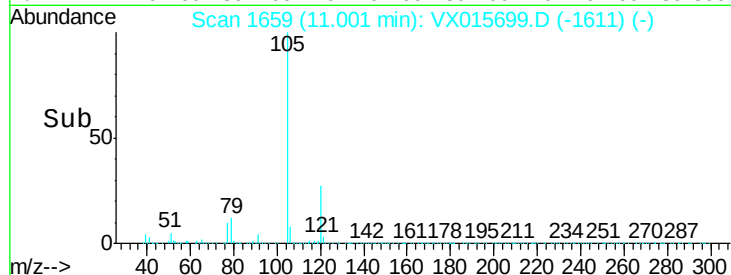
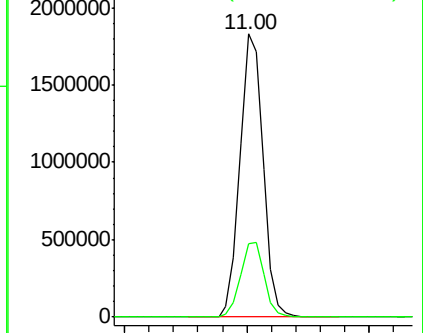
Manual Integrations
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4/16/2020 11:03:00 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.467 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion: 43 Resp: 1182270

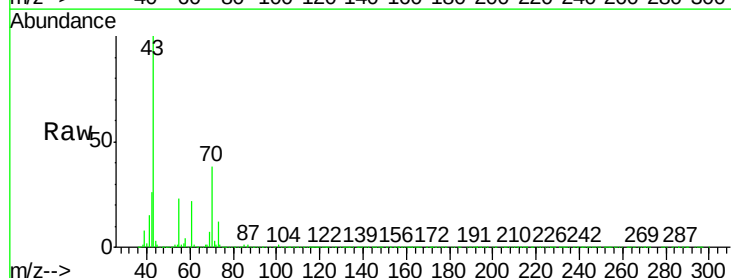
Ion Ratio Lower Upper

43 100

70 40.2 30.2 45.4

55 22.9 16.8 25.2

61 23.2 18.2 27.2

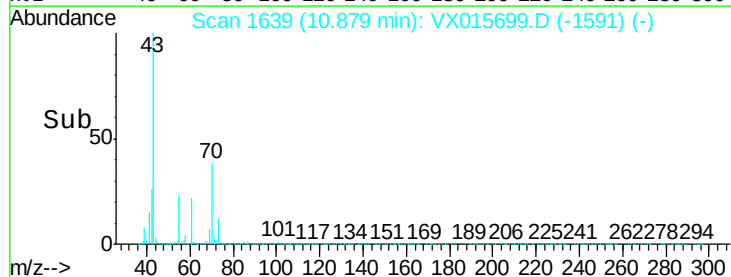
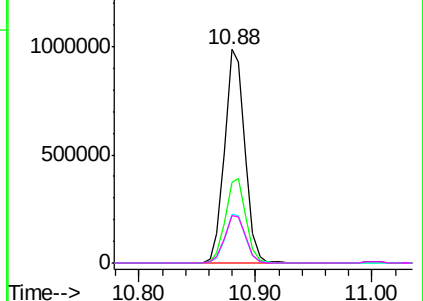


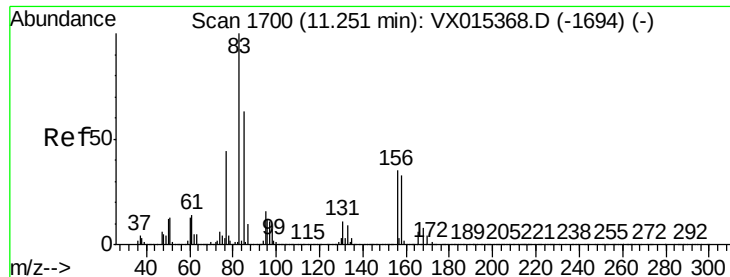
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.906 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

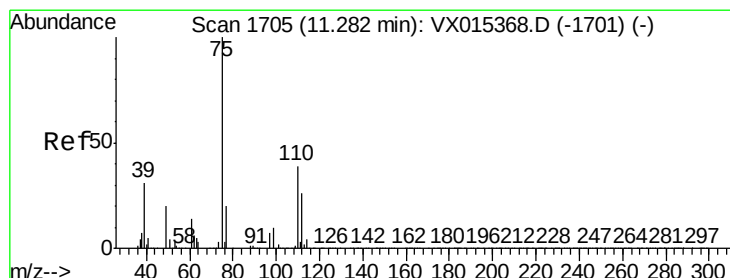
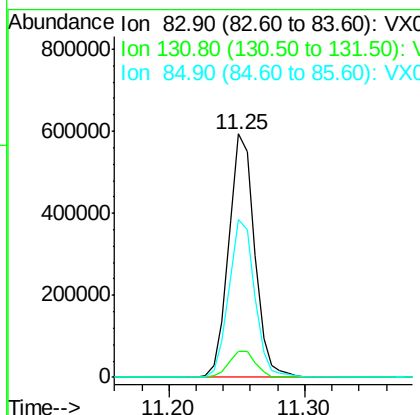
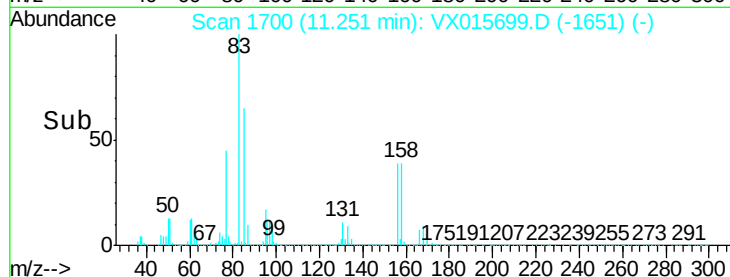
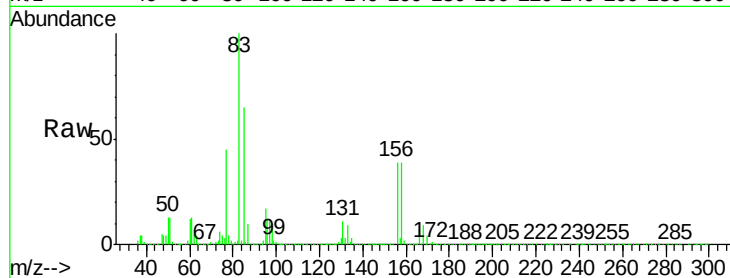
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	788473
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	65.0	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.729 ug/l m

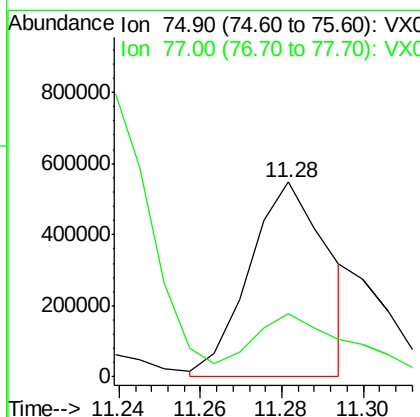
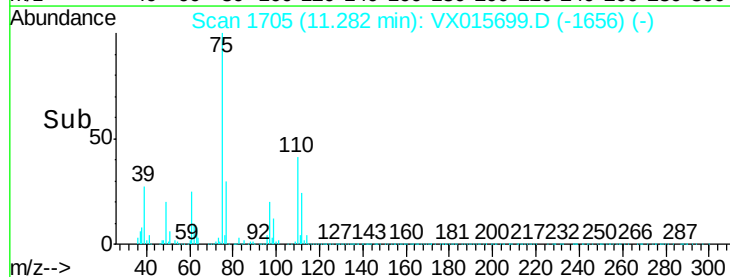
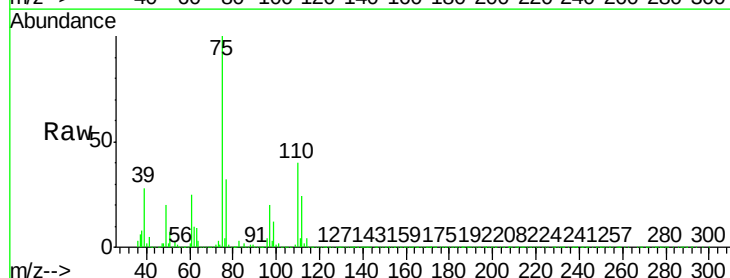
RT: 11.28 min Scan# 1705

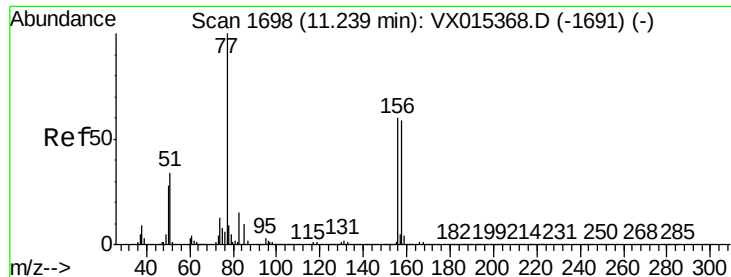
Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	75	Resp:	734113
Ion Ratio	Lower	Upper	
75	100		
77	40.6	21.2	63.6





#77

Bromobenzene

Concen: 48.890 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

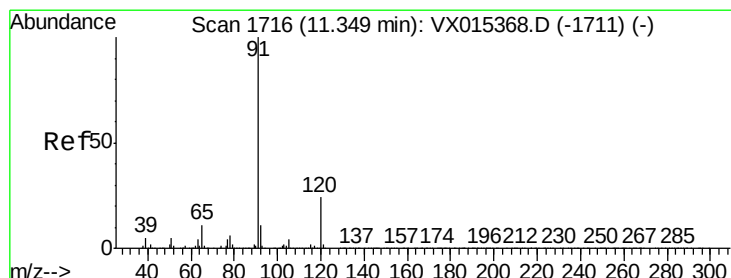
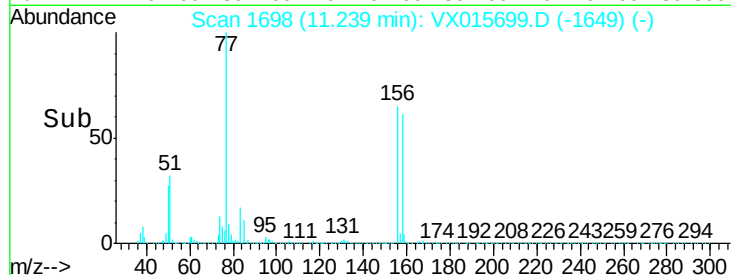
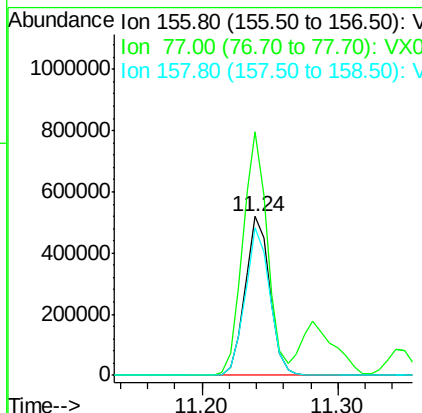
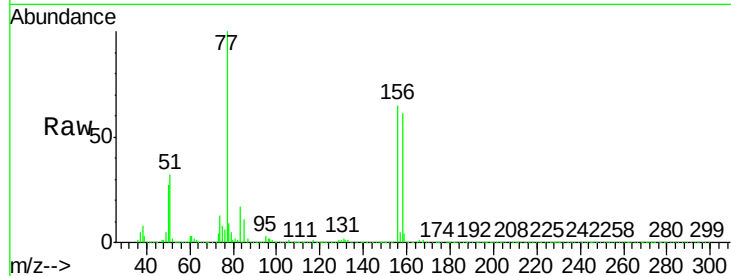
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	652763
Ion Ratio	Lower	Upper	
156	100		
77	153.5	82.2	246.5
158	93.8	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 47.386 ug/l

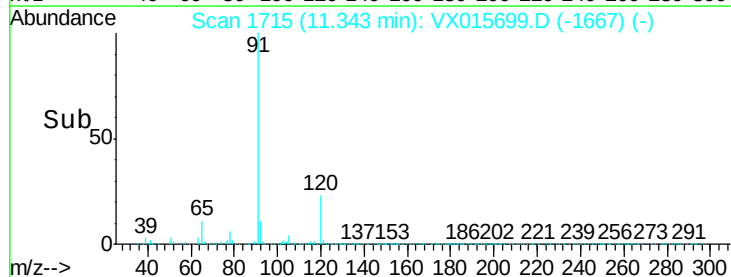
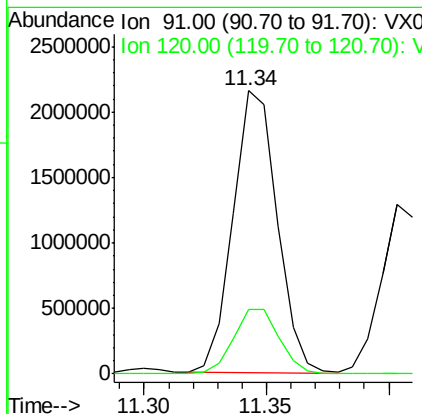
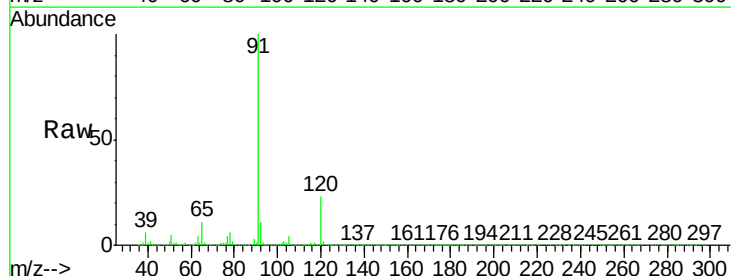
RT: 11.34 min Scan# 1715

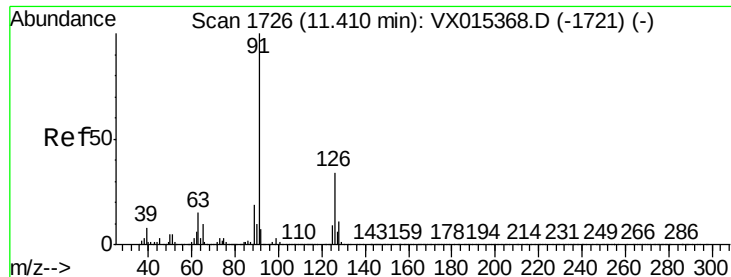
Delta R.T. -0.01 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	91	Resp:	2712228
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.0





#79

2-Chlorotoluene

Concen: 46.604 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1634965

Ion Ratio Lower Upper

91 100

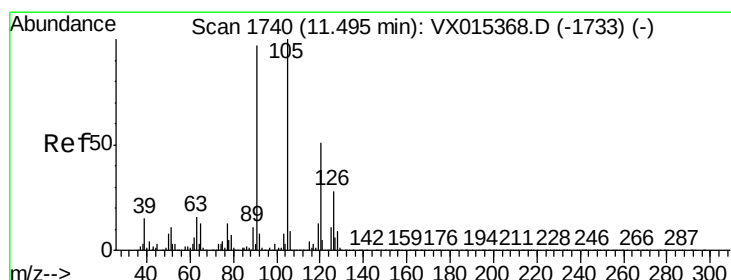
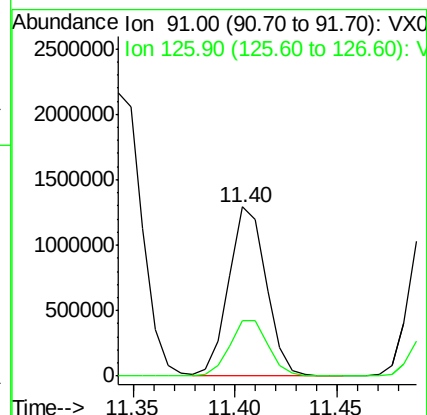
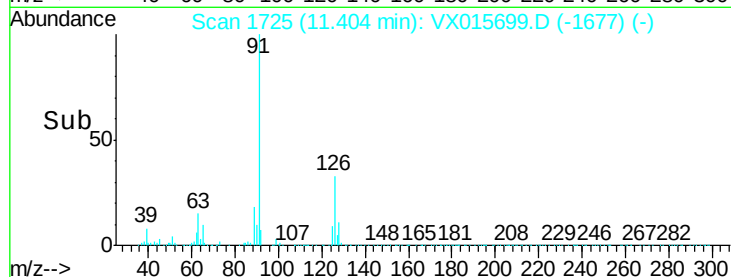
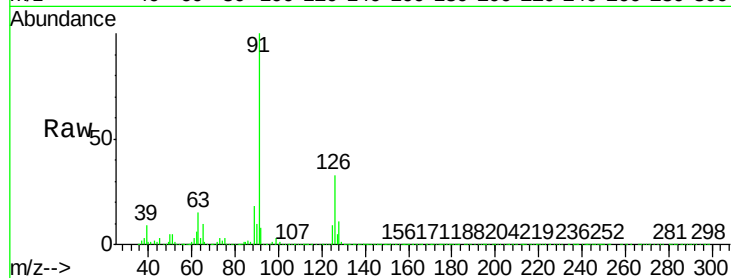
126 34.2 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 46.645 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015699.D

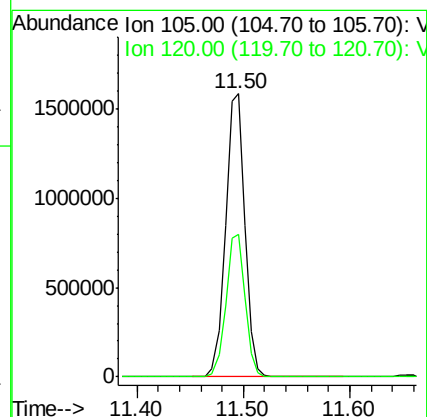
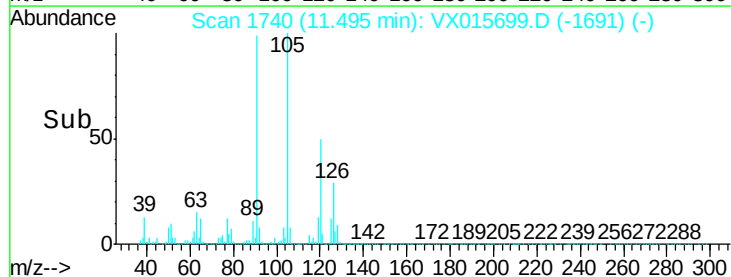
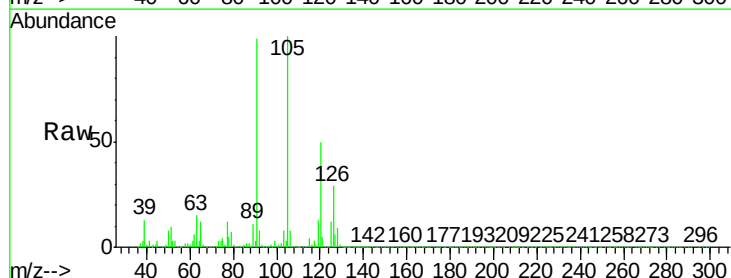
Acq: 15 Apr 2020 21:17

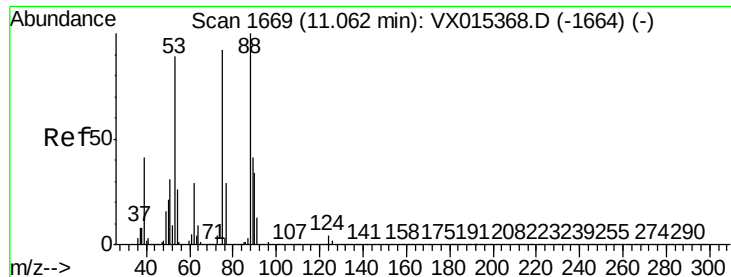
Tgt Ion: 105 Resp: 1994027

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 40.809 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_X

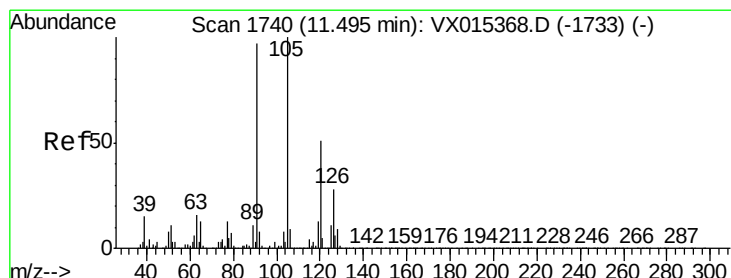
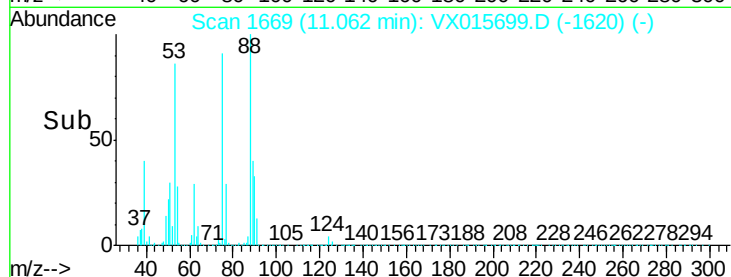
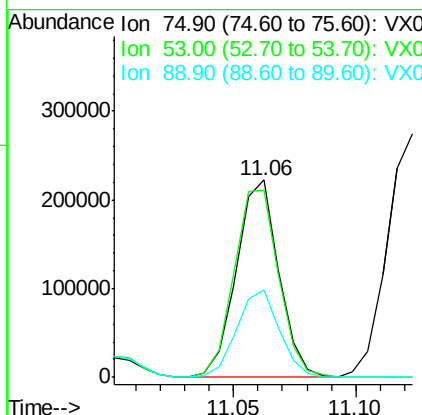
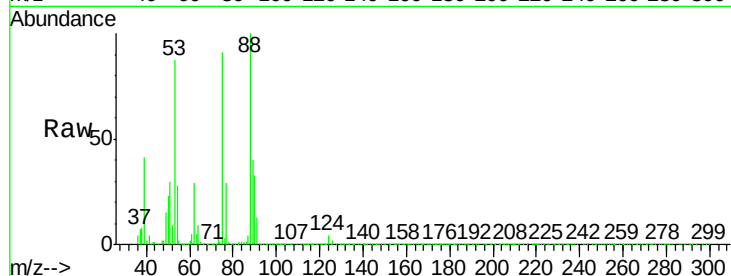
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	267190
Ion Ratio	Lower	Upper	
75	100		
53	100.3	80.1	120.1
89	44.1	36.1	54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.700 ug/l

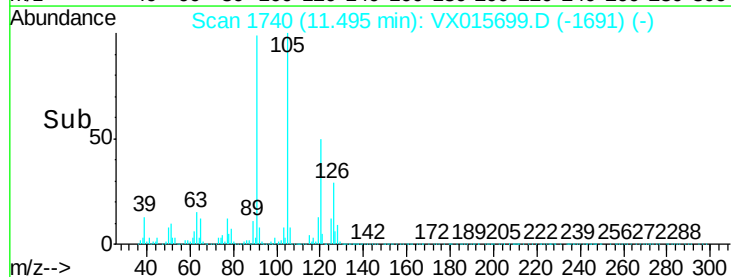
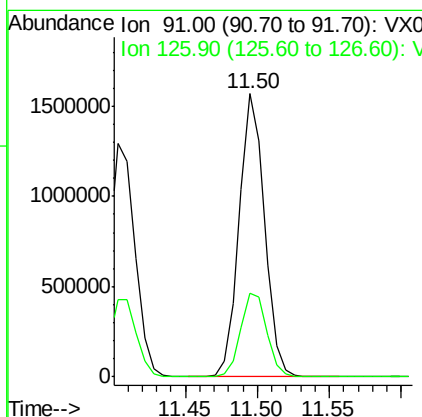
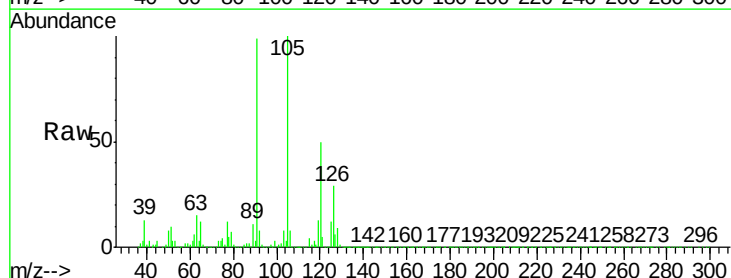
RT: 11.50 min Scan# 1740

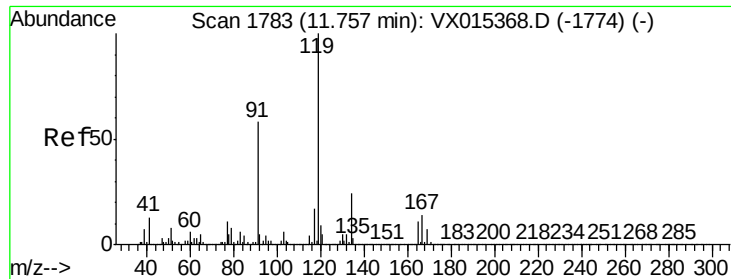
Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	91	Resp:	1920620
Ion Ratio	Lower	Upper	
91	100		
126	30.4	14.7	44.1





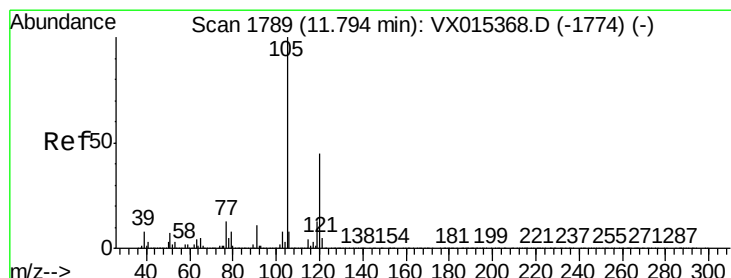
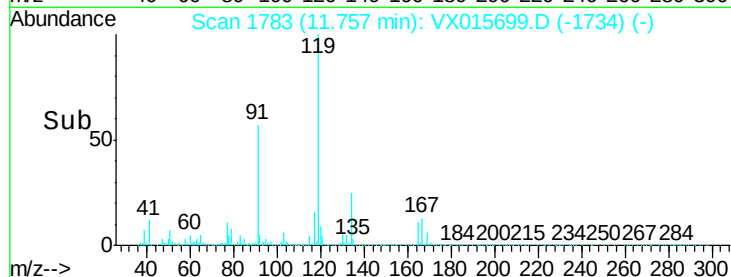
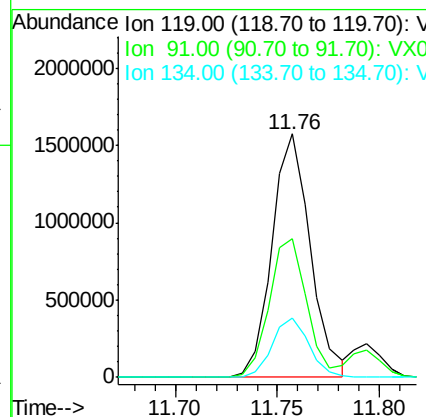
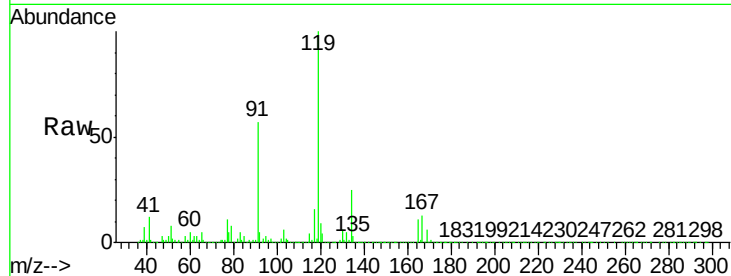
#83
 tert-Butylbenzene
 Concen: 49.439 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	28.6	85.8
134	23.3	11.8	35.3

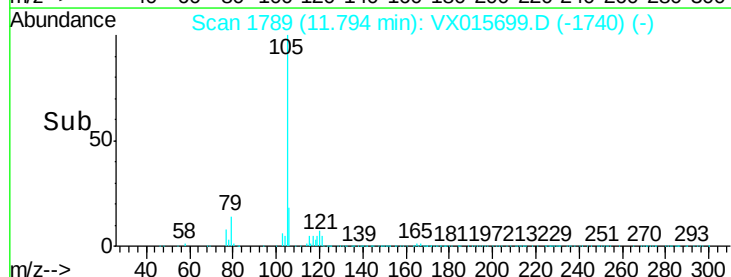
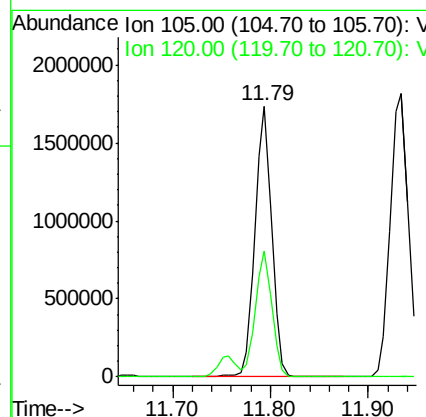
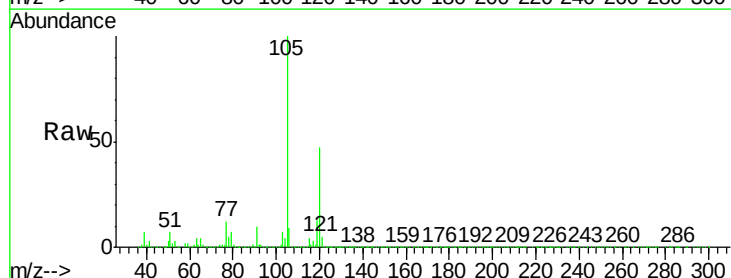
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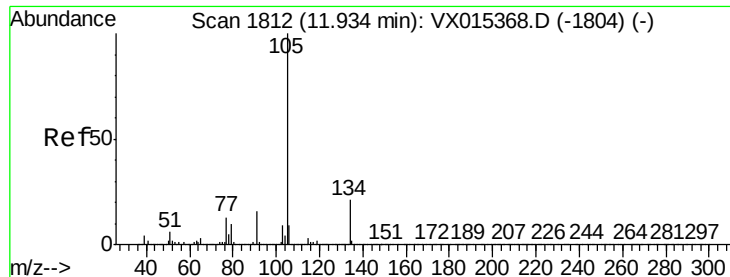
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.352 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.7	68.1





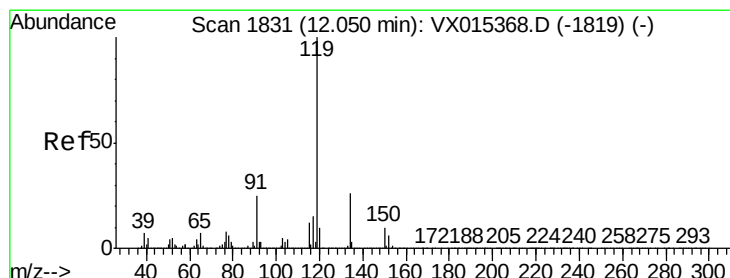
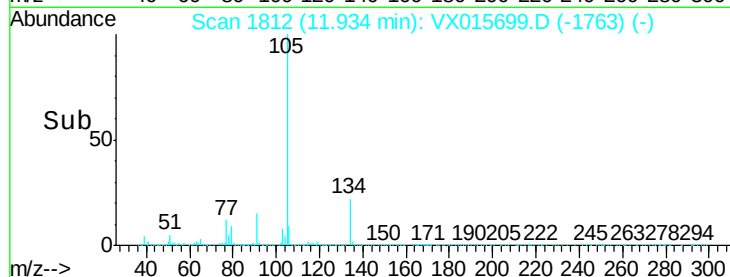
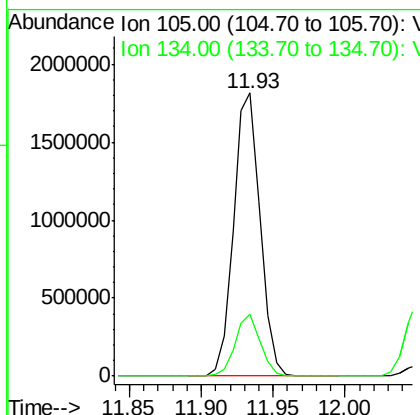
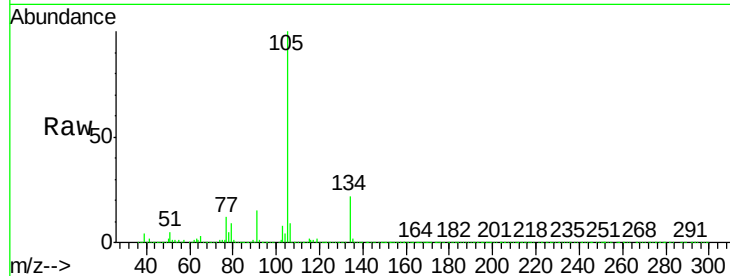
#85
 sec-Butylbenzene
 Concen: 48.162 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 2325907
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

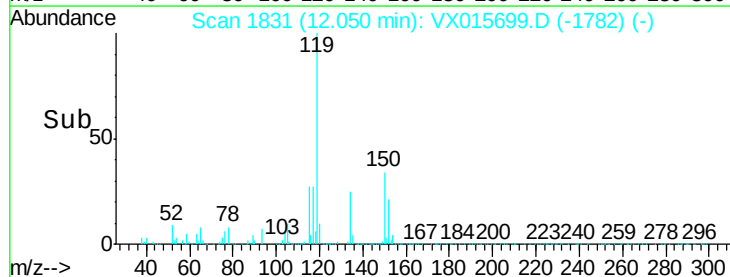
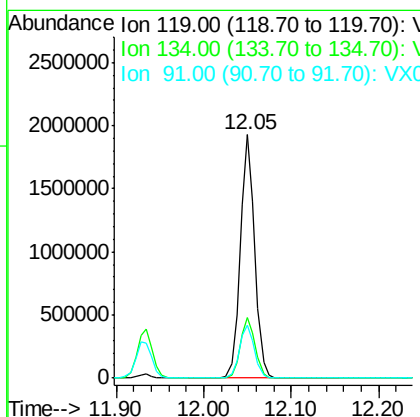
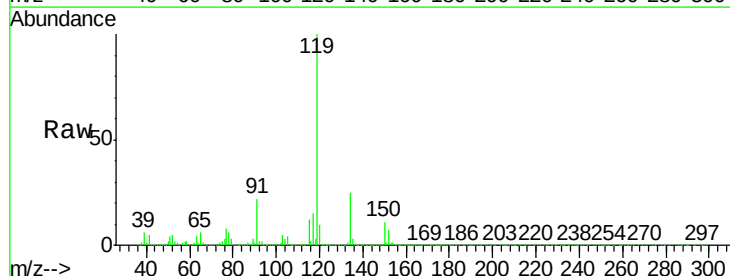
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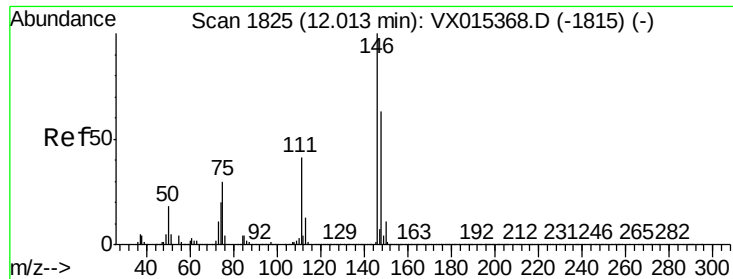
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#86
 p-Isopropyltoluene
 Concen: 49.326 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion:119 Resp: 2211435
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.040 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

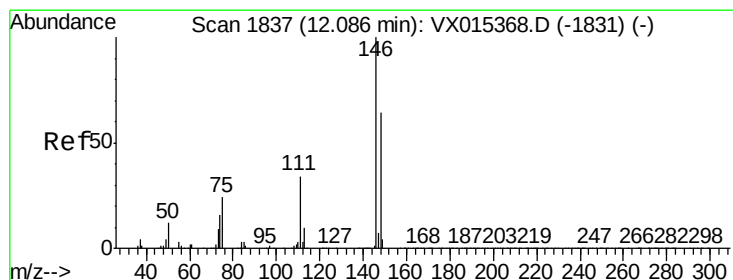
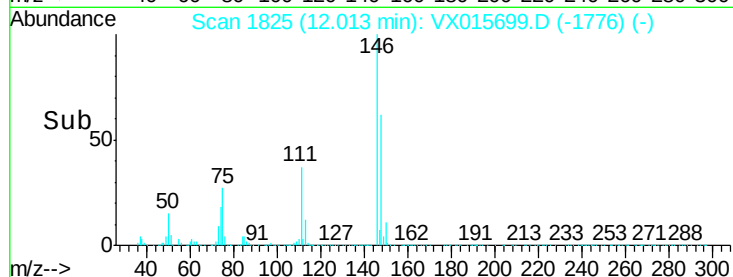
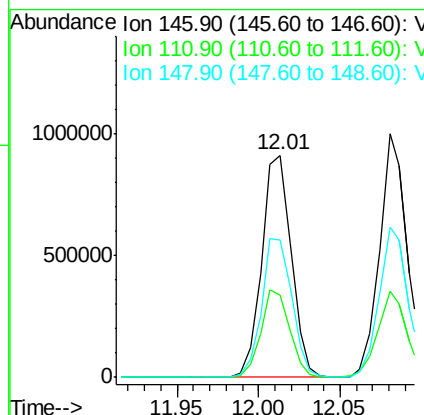
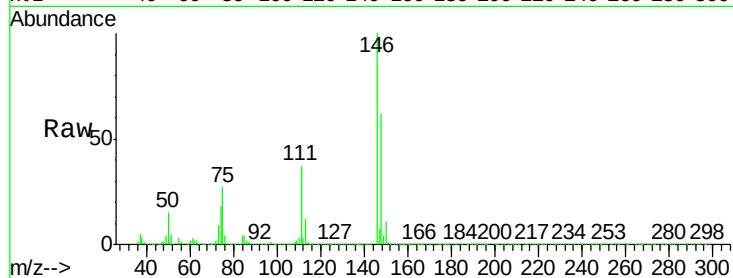
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.9
148	63.8	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.209 ug/l

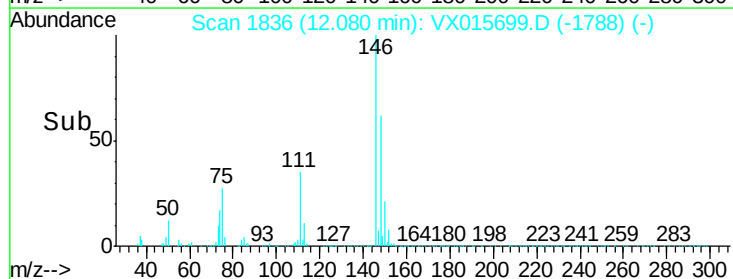
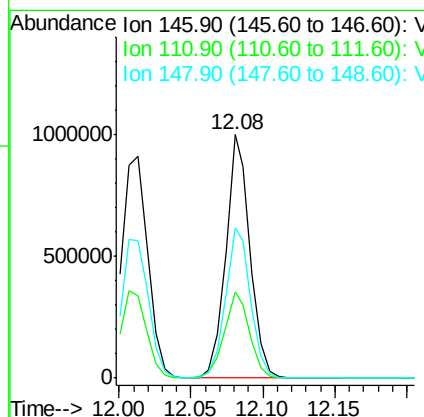
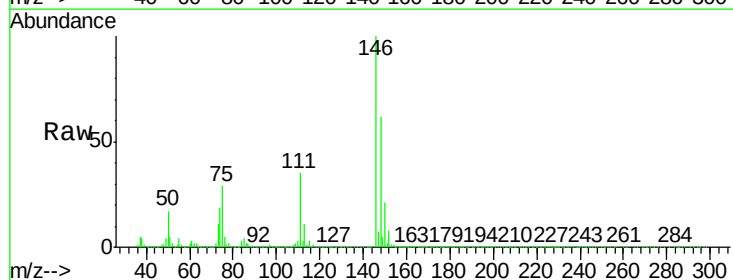
RT: 12.08 min Scan# 1836

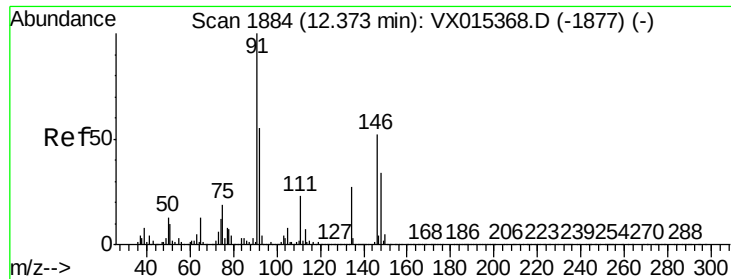
Delta R.T. -0.01 min

Lab File: VX015699.D

Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.5
148	64.1	32.4	97.2





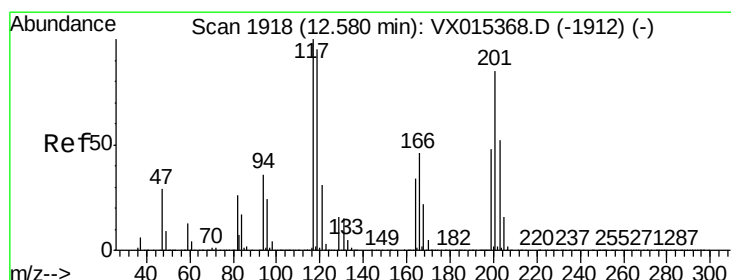
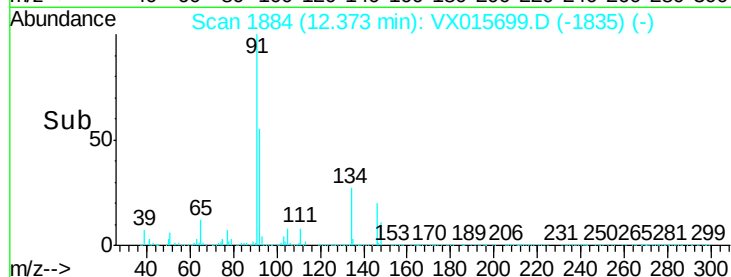
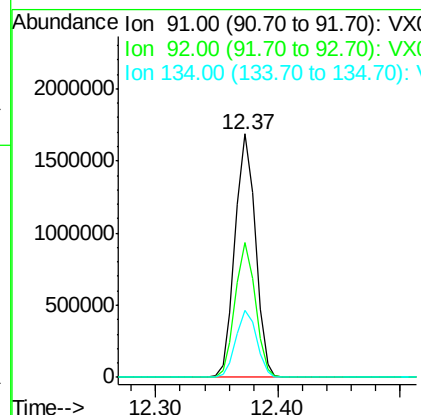
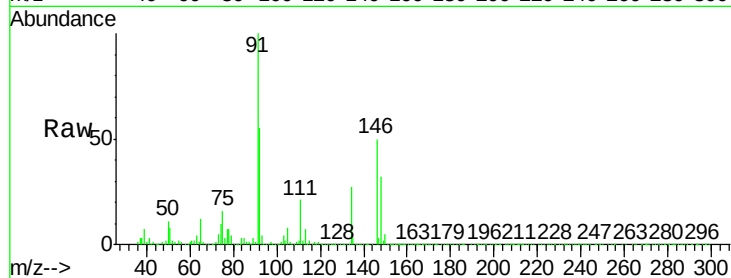
#89
n-Butylbenzene
Concen: 47.797 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1936473
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.5
134 27.7 13.4 40.2

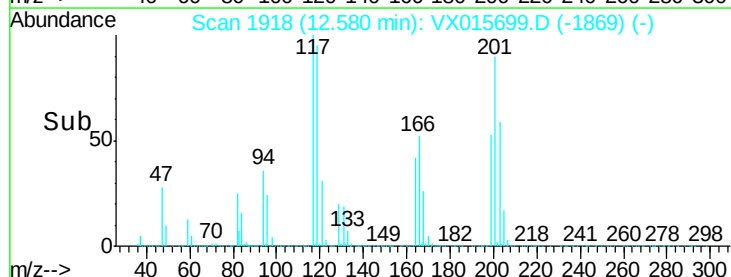
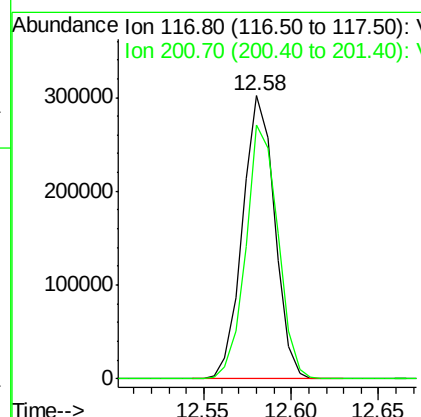
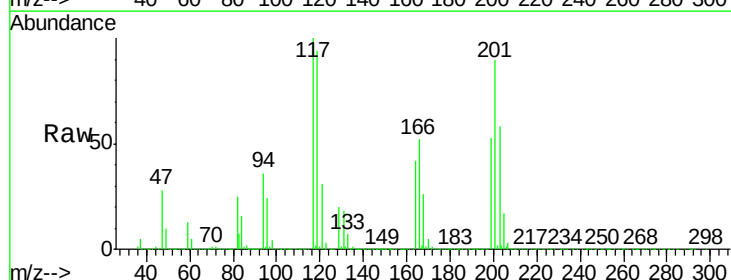
Manual Integrations
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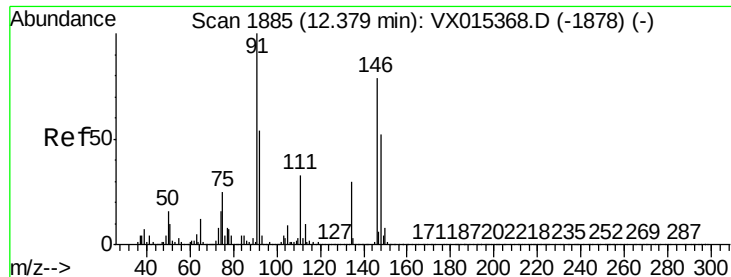
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#90
Hexachloroethane
Concen: 43.998 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion: 117 Resp: 383935
Ion Ratio Lower Upper
117 100
201 89.4 42.6 128.0





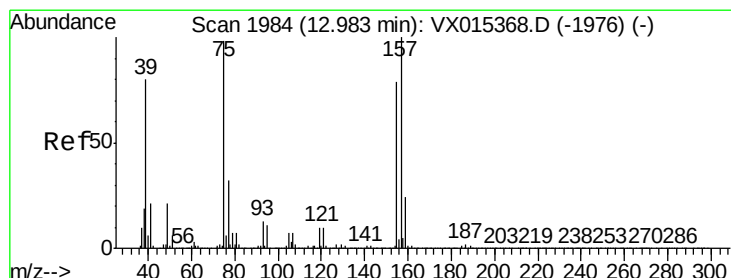
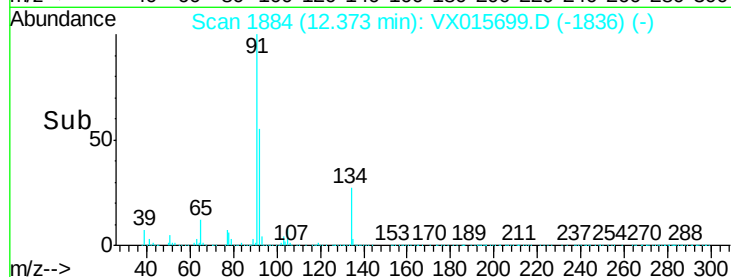
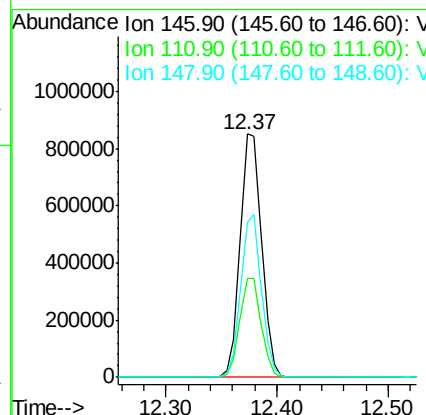
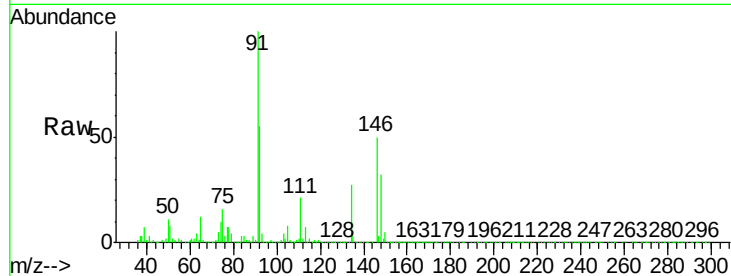
#91
 1,2-Dichlorobenzene
 Concen: 48.704 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.0	63.0
148	64.0	32.4	97.0

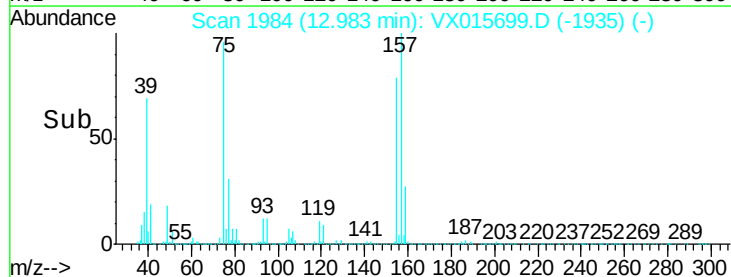
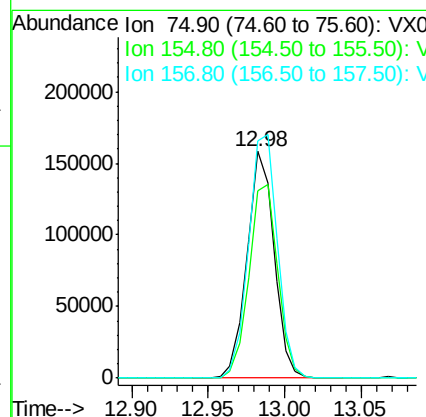
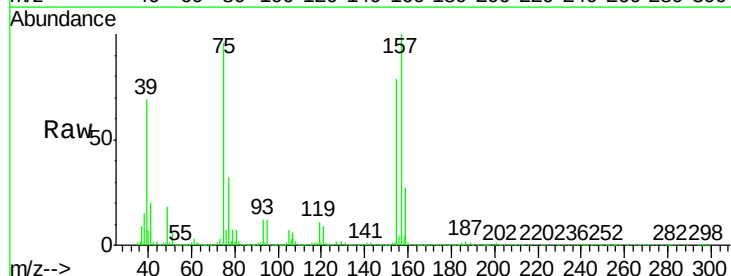
Manual Integrations
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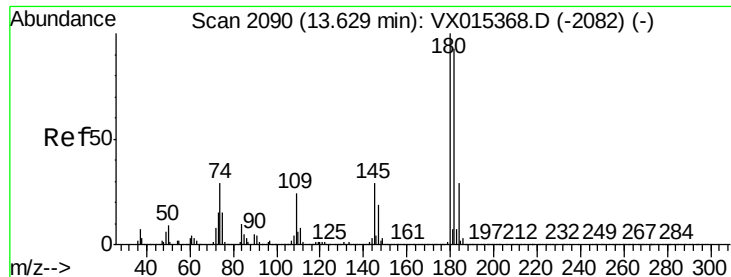
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.071 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015699.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	42.8	128.4
157	114.0	53.4	160.3





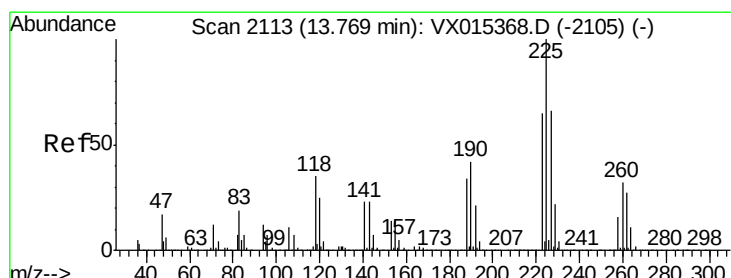
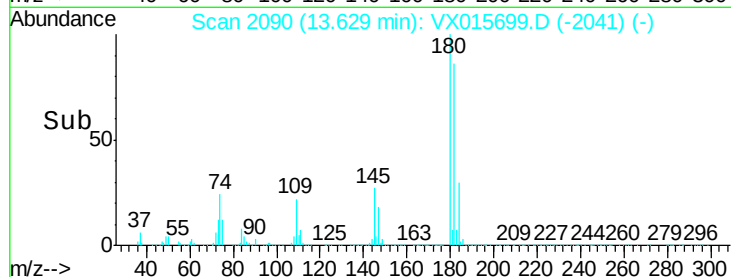
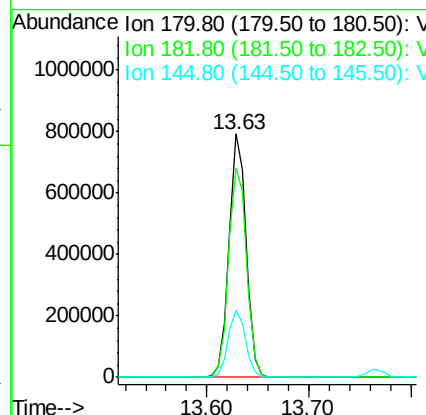
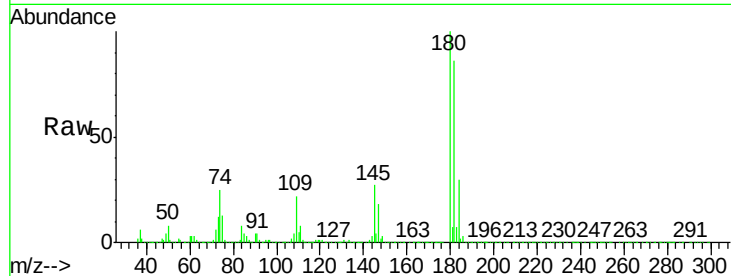
#93
1,2,4-Trichlorobenzene
Concen: 49.769 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	920859		
182	90.6	46.9	140.7	
145	28.0	14.9	44.5	

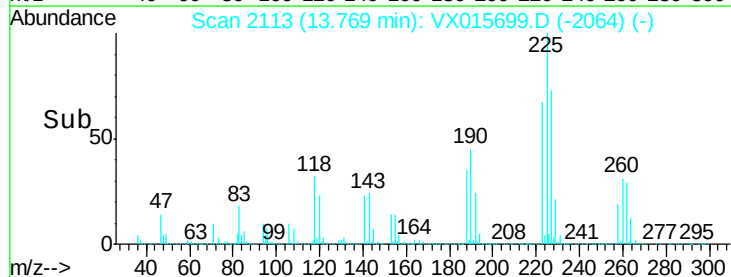
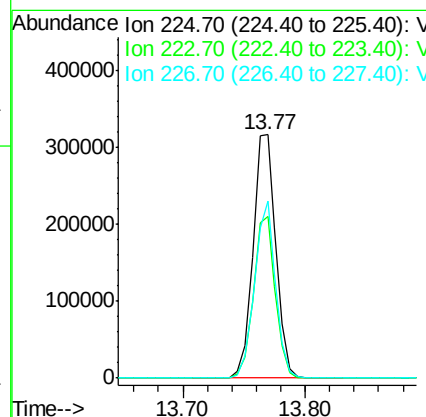
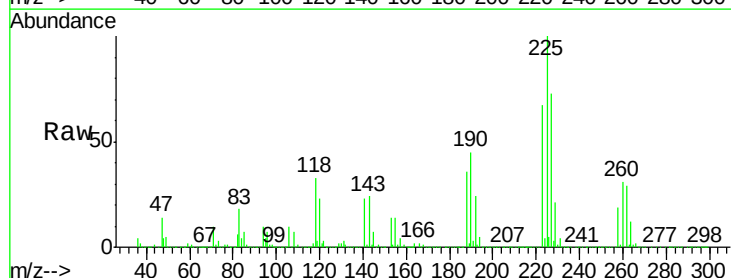
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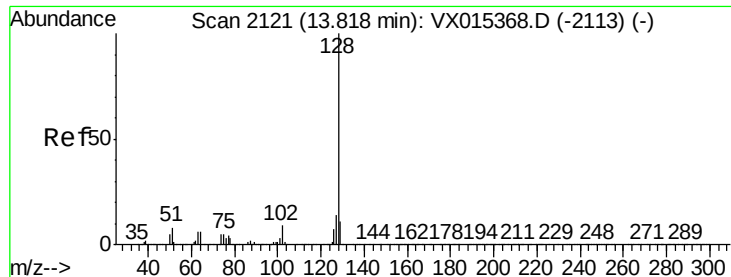
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#94
Hexachlorobutadiene
Concen: 46.593 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	410451		
223	63.7	31.9	95.7	
227	67.1	30.4	91.3	





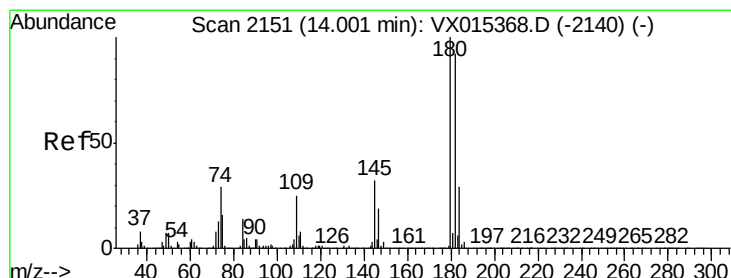
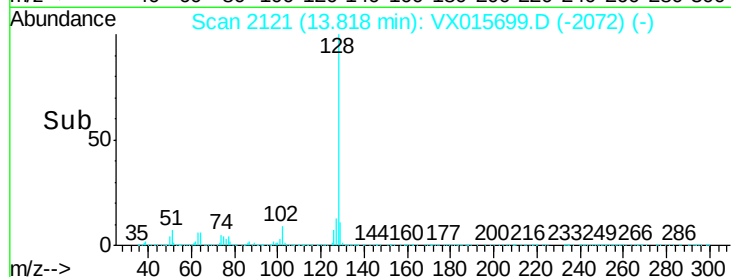
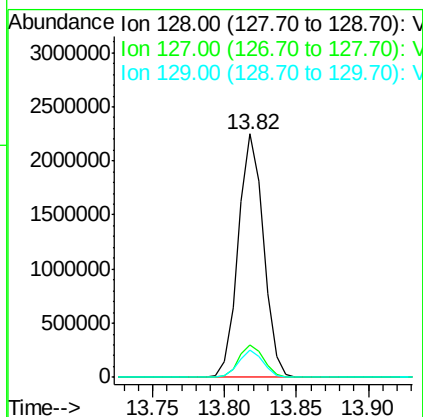
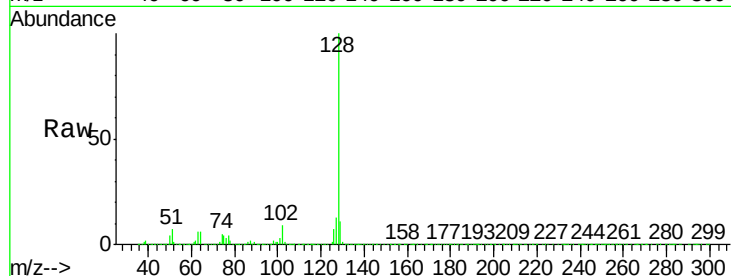
#95
Naphthalene
Concen: 48.626 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:03:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.383 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015699.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	46.7	140.0
145	30.9	15.8	47.3

