

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015907.D
 Acq On : 23 Apr 2020 22:18
 Operator : JC/SP
 Sample : VX0423WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:19 AM

Quant Time: Apr 24 07:59:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	812213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1245941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1144494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	638528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	467422	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.47	113	356084	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.70	98	1410713	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.12	95	568083	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	150484	21.645	ug/l	93
3) Chloromethane	1.31	50	133622	18.766	ug/l	97
4) Vinyl Chloride	1.39	62	153132	18.580	ug/l	97
5) Bromomethane	1.63	94	68583	24.811	ug/l	98
6) Chloroethane	1.71	64	91873	19.562	ug/l	93
7) Trichlorofluoromethane	1.92	101	205202	20.068	ug/l	99
8) Diethyl Ether	2.17	74	76701	18.497	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129214	18.628	ug/l	100
10) Methyl Iodide	2.49	142	150144	17.520	ug/l	96
11) Tert butyl alcohol	3.01	59	197672	104.730	ug/l	98
12) 1,1-Dichloroethene	2.36	96	136090	19.130	ug/l	94
13) Acrolein	2.27	56	88242	79.014	ug/l	99
14) Allyl chloride	2.71	41	285320	18.874	ug/l	99
15) Acrylonitrile	3.12	53	452606	103.310	ug/l	100
16) Acetone	2.42	43	378292	94.048	ug/l	97
17) Carbon Disulfide	2.55	76	367993	14.244	ug/l	99
18) Methyl Acetate	2.75	43	291409	21.945	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	519239	20.675	ug/l	98
20) Methylene Chloride	2.84	84	163600	20.035	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	154297	19.548	ug/l	93
22) Diisopropyl ether	3.83	45	559062	20.518	ug/l	94
23) Vinyl Acetate	3.79	43	2248156	99.693	ug/l	99
24) 1,1-Dichloroethane	3.67	63	286862	20.199	ug/l	99
25) 2-Butanone	4.64	43	653741	102.827	ug/l	100
26) 2,2-Dichloropropane	4.56	77	213248	16.810	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	180262	20.116	ug/l	99
28) Bromochloromethane	4.98	49	145962	19.588	ug/l	98
29) Tetrahydrofuran	5.09	42	433291	103.037	ug/l	99
30) Chloroform	5.18	83	282932	19.801	ug/l	96
31) Cyclohexane	5.55	56	263514	19.525	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	261045	20.491	ug/l	98
36) 1,1-Dichloropropene	5.77	75	214493	19.419	ug/l	100
37) Ethyl Acetate	4.80	43	261005	19.855	ug/l	97
38) Carbon Tetrachloride	5.76	117	221524	20.361	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	249679	17.850	ug/l	95
40) Benzene	6.12	78	638560	19.195	ug/l	99
41) Methacrylonitrile	5.00	41	146534	20.060	ug/l	97
42) 1,2-Dichloroethane	6.17	62	238861	19.939	ug/l	100
43) Isopropyl Acetate	6.42	43	432392	19.500	ug/l	99
44) Trichloroethene	7.20	130	219477	18.773	ug/l	91
45) 1,2-Dichloropropane	7.49	63	174347	19.998	ug/l	100
46) Dibromomethane	7.64	93	112129	17.619	ug/l	97
47) Bromodichloromethane	7.88	83	235399	20.791	ug/l	98
48) Methyl methacrylate	7.75	41	215307	19.739	ug/l	98
49) 1,4-Dioxane	7.72	88	84323	409.056	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1300392	101.599	ug/l	100
52) Toluene	8.77	92	426417	19.997	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	270256	19.238	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	282145	19.003	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	171660	20.616	ug/l	96
56) Ethyl methacrylate	9.16	69	270936	19.210	ug/l	98
57) 1,3-Dichloropropane	9.36	76	289262	19.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	719674	102.145	ug/l	97
59) 2-Hexanone	9.47	43	983317	100.847	ug/l	100
60) Dibromochloromethane	9.57	129	182014	21.168	ug/l	97
61) 1,2-Dibromoethane	9.65	107	178725	19.421	ug/l	99
64) Tetrachloroethene	9.32	164	282029	18.282	ug/l	98
65) Chlorobenzene	10.12	112	457202	19.977	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	176160	20.592	ug/l	98
67) Ethyl Benzene	10.24	91	794170	19.760	ug/l	98
68) m/p-Xylenes	10.34	106	606663	40.215	ug/l	100
69) o-Xylene	10.68	106	301116	20.284	ug/l	96
70) Styrene	10.70	104	516886	20.109	ug/l	100
71) Bromoform	10.84	173	137414	24.650	ug/l #	99
73) Isopropylbenzene	11.00	105	793169	19.559	ug/l	99
74) N-amyl acetate	10.88	43	383793	18.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	179475	20.912	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	237754m	19.581	ug/l	
77) Bromobenzene	11.24	156	218693	19.737	ug/l	98
78) n-propylbenzene	11.34	91	907666	19.538	ug/l	99
79) 2-Chlorotoluene	11.40	91	537203	19.251	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	673107	19.466	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88469	17.527	ug/l	96
82) 4-Chlorotoluene	11.50	91	641797	19.355	ug/l	100
83) tert-Butylbenzene	11.76	119	600198	19.568	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	693360	19.314	ug/l	100
85) sec-Butylbenzene	11.93	105	773670	19.134	ug/l	99
86) p-Isopropyltoluene	12.05	119	731328	19.343	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	388098	19.081	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	395053	19.403	ug/l	96
89) n-Butylbenzene	12.37	91	623112	18.433	ug/l	99
90) Hexachloroethane	12.58	117	109907	27.517	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	370665	19.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55047	21.628	ug/l	97

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Instrument :
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ClientSampleId :
VX0423WBSD02

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Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	279708	18.402	ug/l	99
94) Hexachlorobutadiene	13.76	225	128426	18.844	ug/l	99
95) Naphthalene	13.82	128	849535	19.427	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	268910	18.134	ug/l	96

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

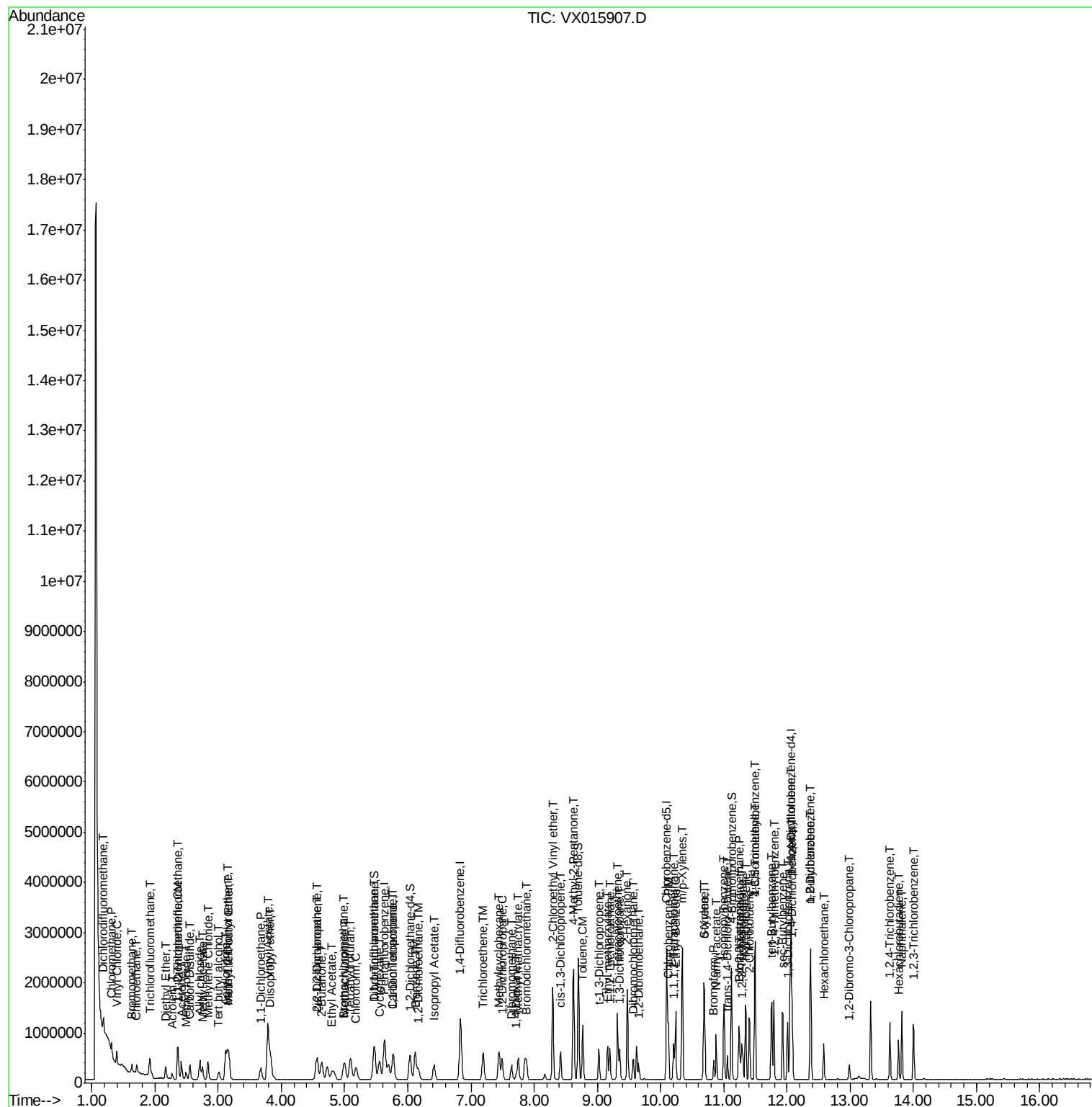
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015907.D
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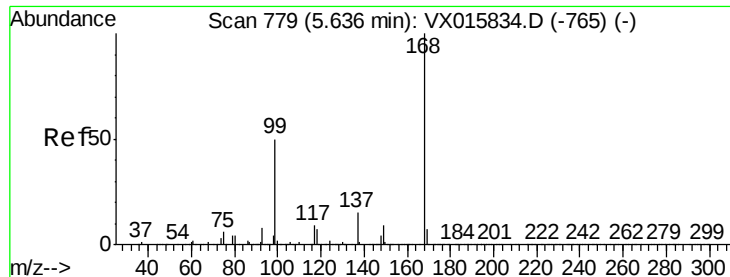
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion:168 Resp: 812213

Ion Ratio Lower Upper

168 100

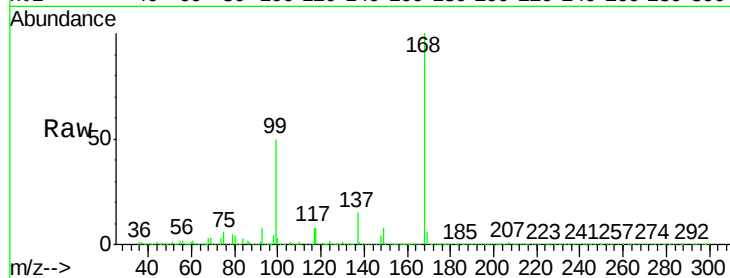
99 49.4 40.3 60.5

Manual Integrations

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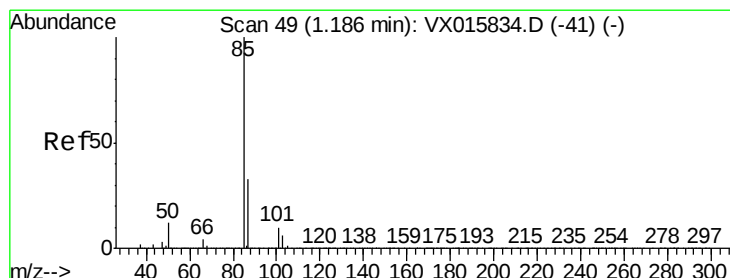
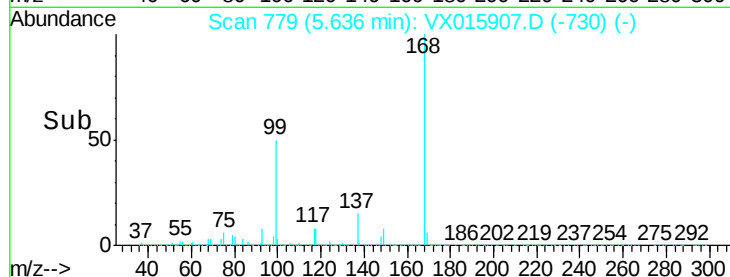
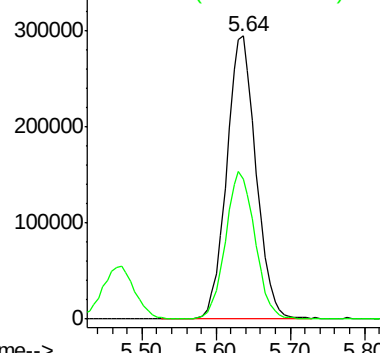
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.645 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015907.D

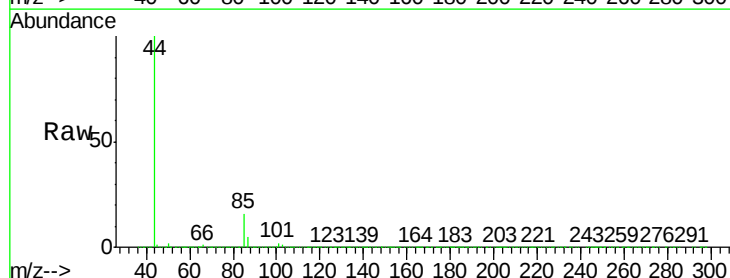
Acq: 23 Apr 2020 22:18

Tgt Ion: 85 Resp: 150484

Ion Ratio Lower Upper

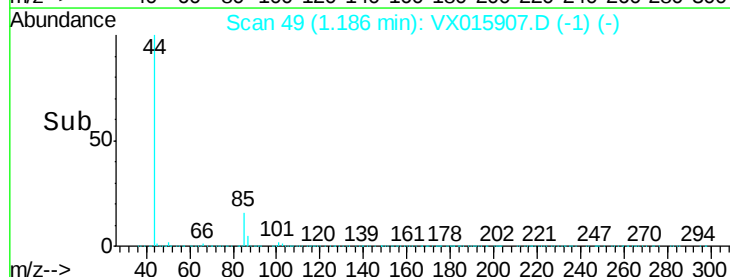
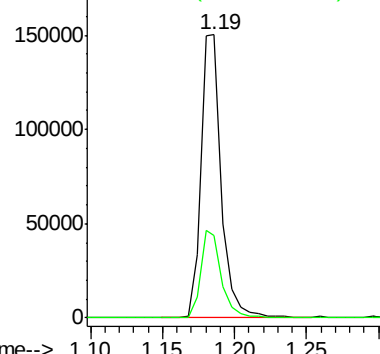
85 100

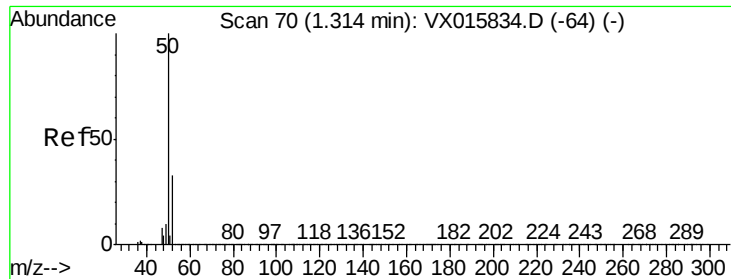
87 29.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.766 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion: 50 Resp: 133622

Ion Ratio Lower Upper

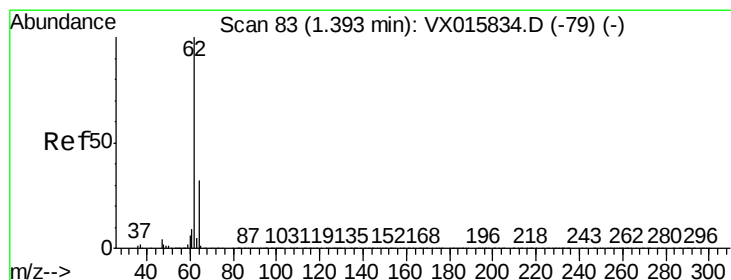
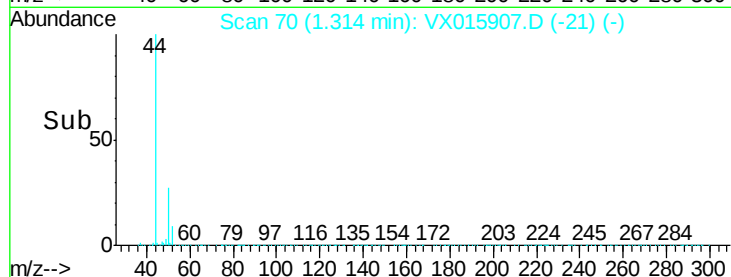
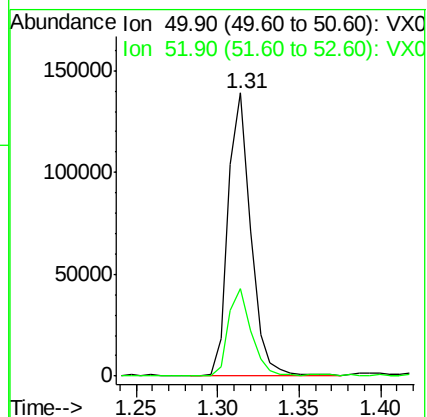
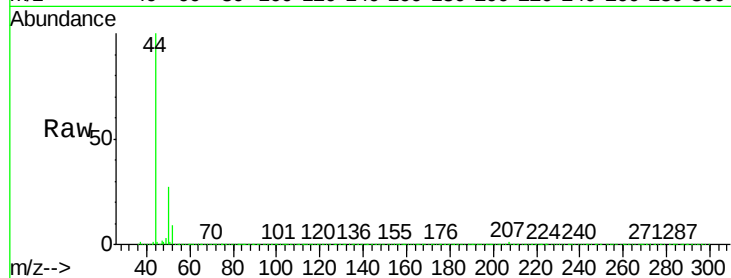
50 100

52 30.9 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.580 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015907.D

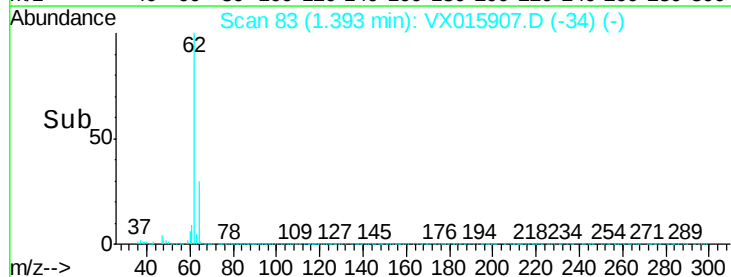
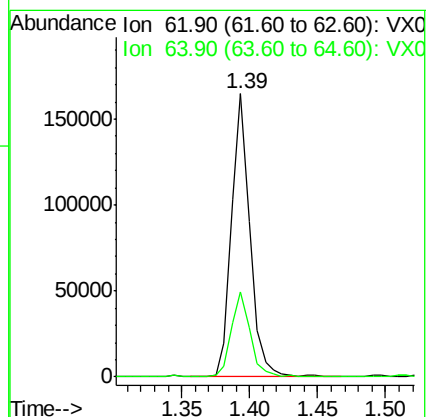
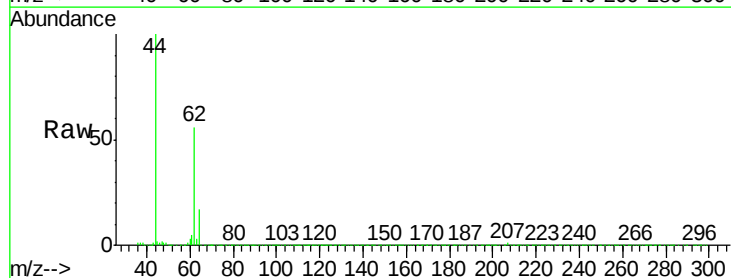
Acq: 23 Apr 2020 22:18

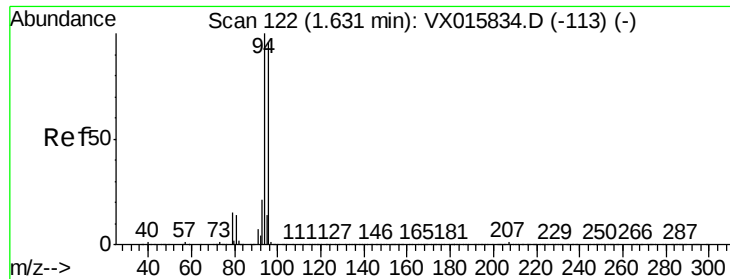
Tgt Ion: 62 Resp: 153132

Ion Ratio Lower Upper

62 100

64 30.0 25.4 38.2





#5

Bromomethane

Concen: 24.811 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 68583

Ion Ratio Lower Upper

94 100

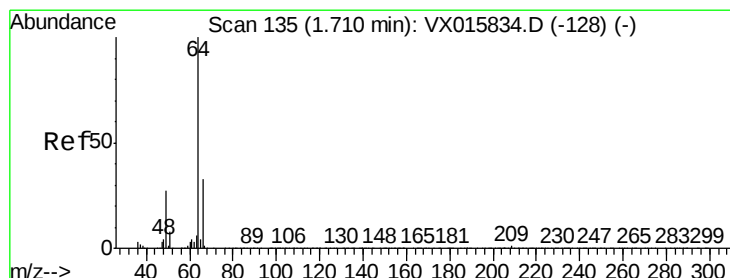
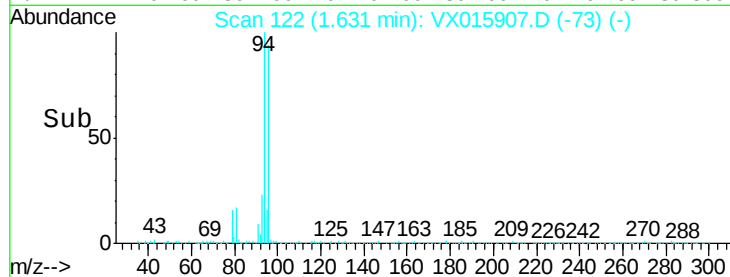
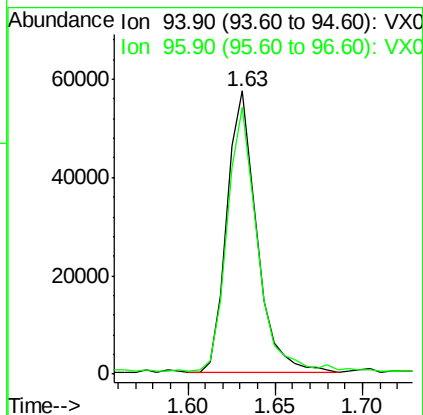
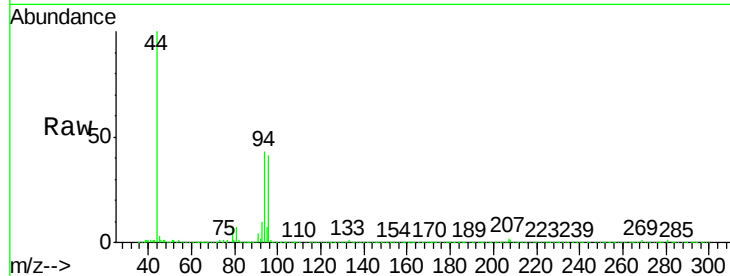
96 93.9 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 19.562 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015907.D

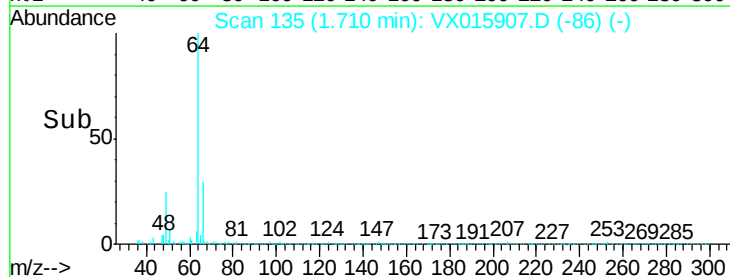
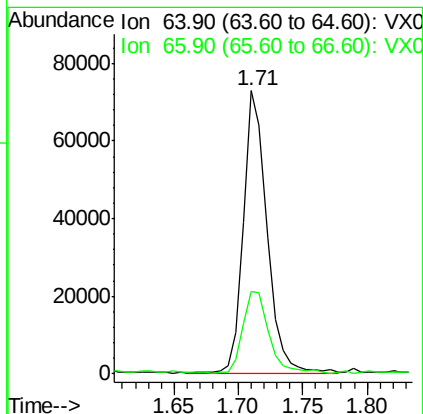
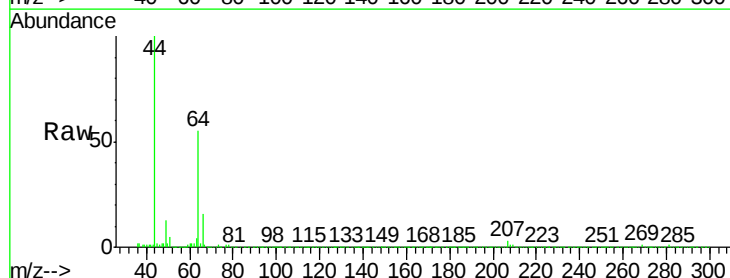
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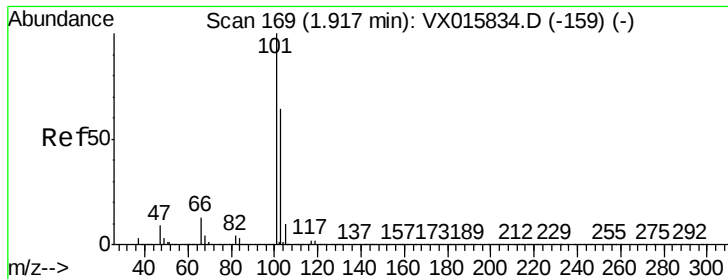
Tgt Ion: 64 Resp: 91873

Ion Ratio Lower Upper

64 100

66 28.8 26.2 39.2





#7

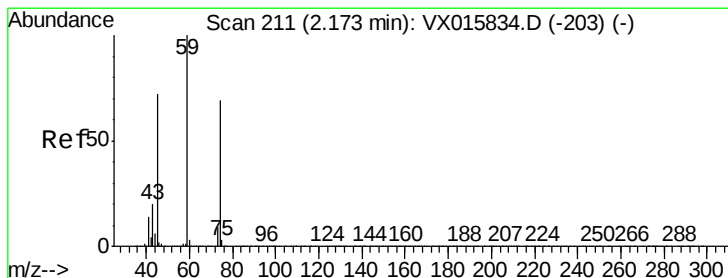
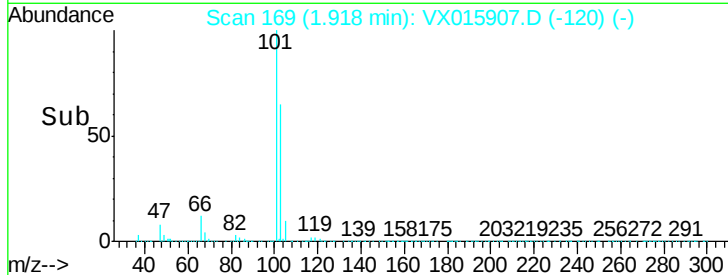
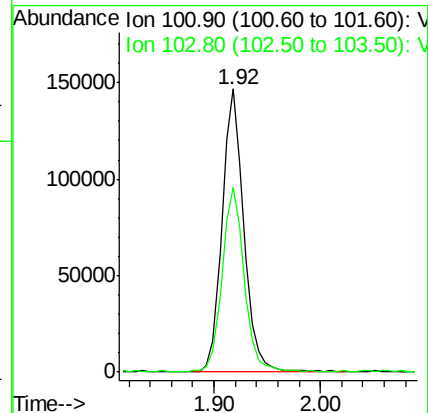
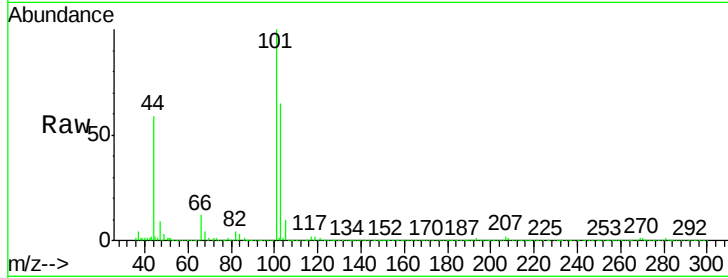
Trichlorofluoromethane
Concen: 20.068 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
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ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	205202		
103	64.8	51.4	77.0	

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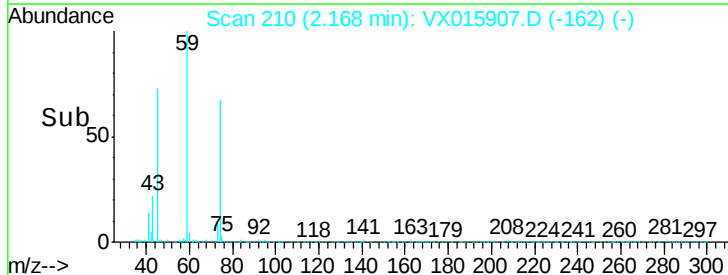
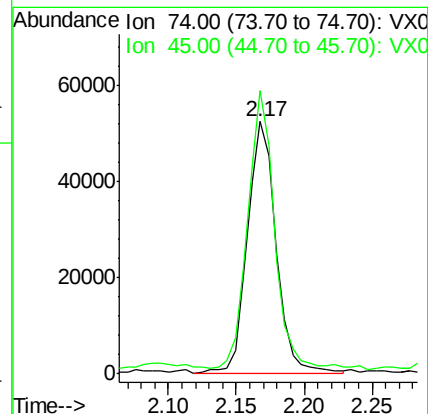
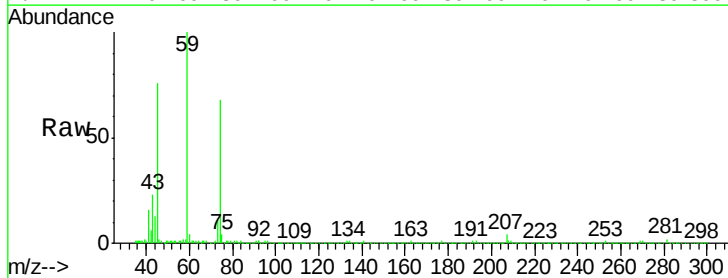
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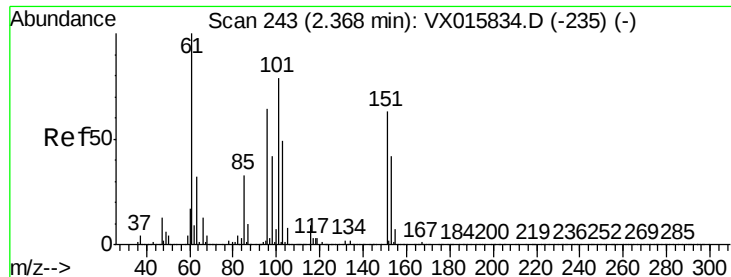


#8

Diethyl Ether
Concen: 18.497 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	76701		
45	104.8	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.628 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

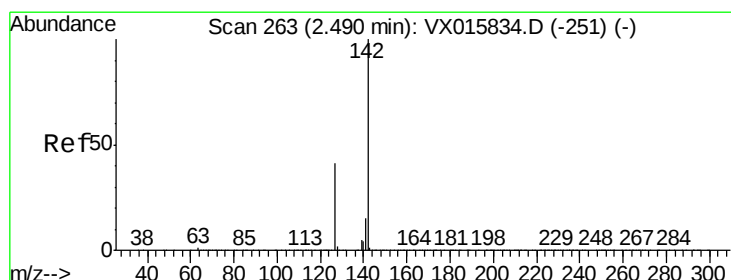
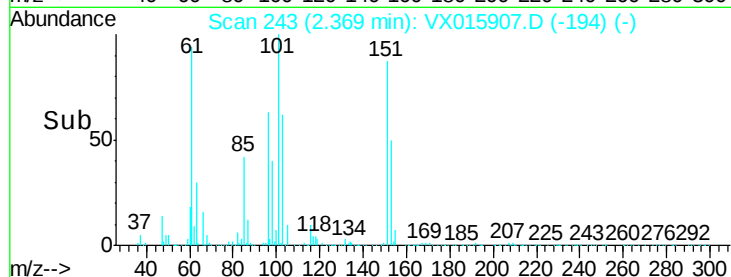
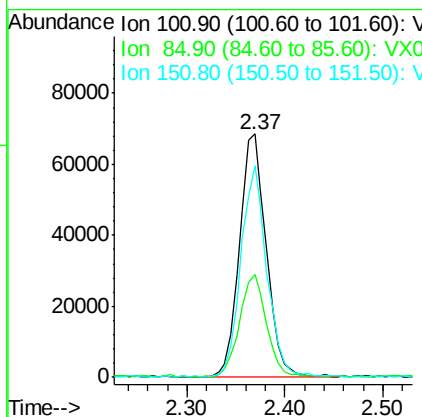
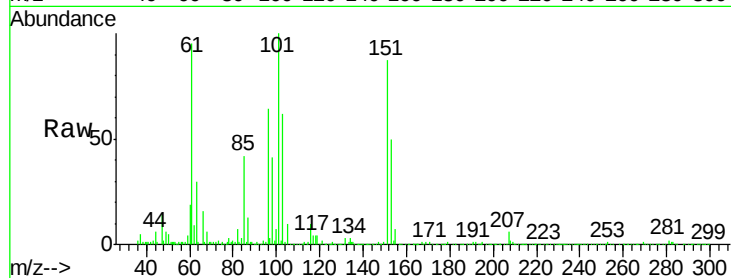
ClientSampleId :

VX0423WBSD02

Tot Ion:	101	Resp:	129214
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.8	50.6
151	84.6	67.8	101.6

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#10

Methyl Iodide

Concen: 17.520 ug/l

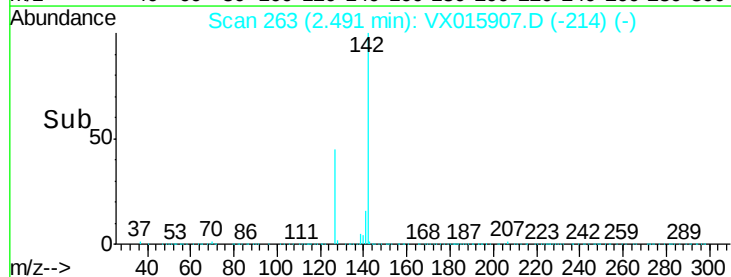
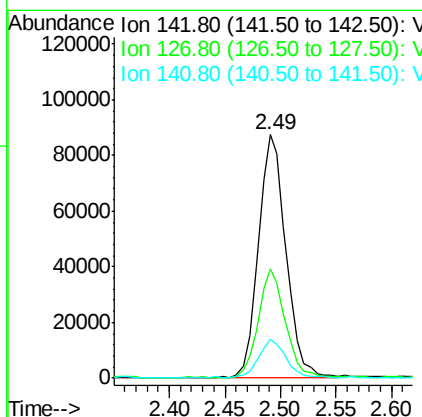
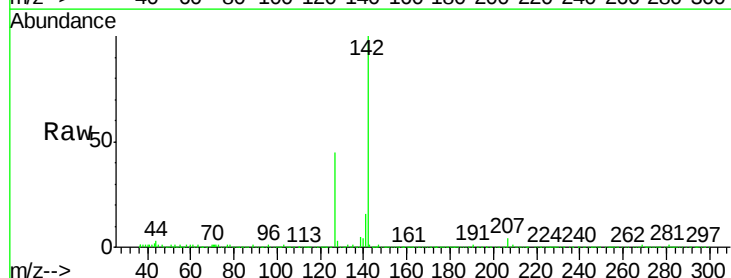
RT: 2.49 min Scan# 263

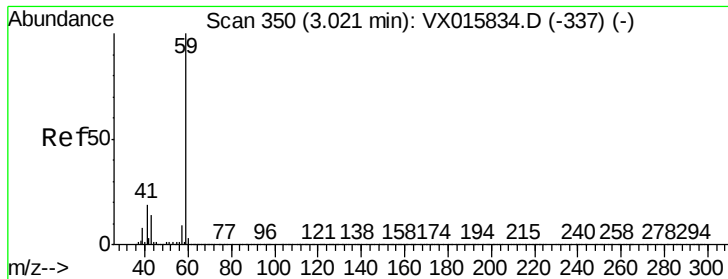
Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion:	142	Resp:	150144
Ion Ratio	Lower	Upper	
142	100		
127	44.3	33.3	49.9
141	15.4	11.8	17.6





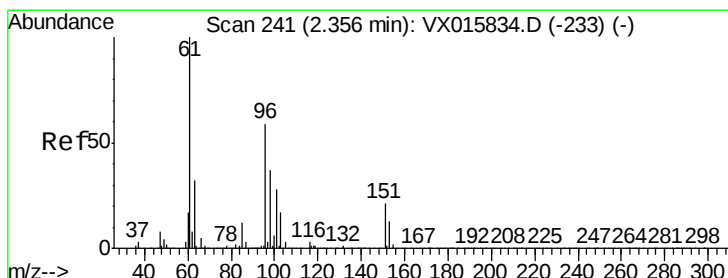
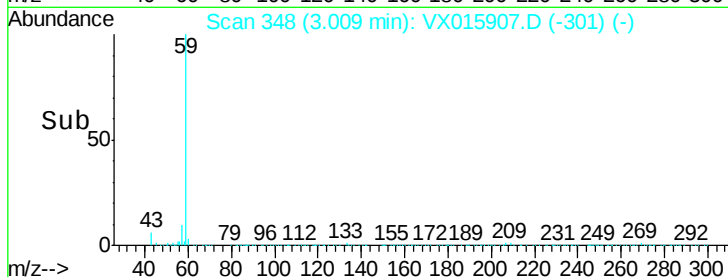
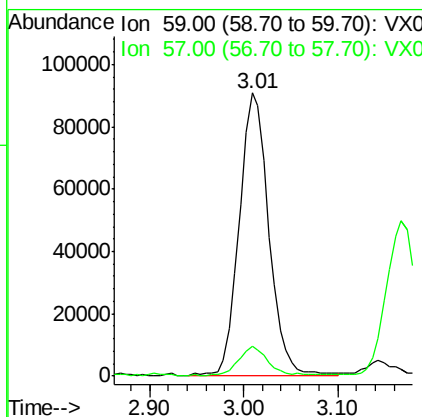
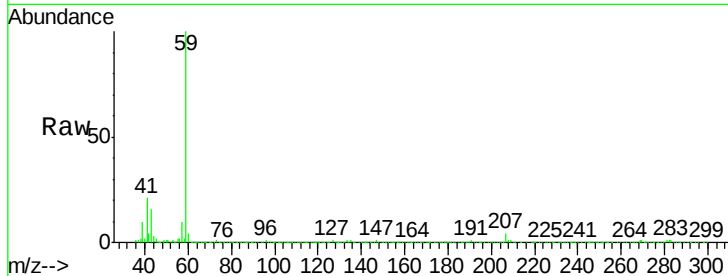
#11
Tert butyl alcohol
Concen: 104.730 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.2	12.2

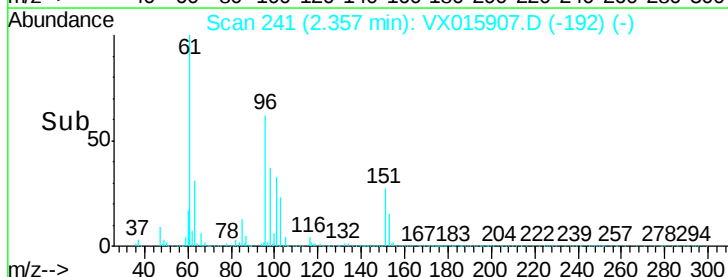
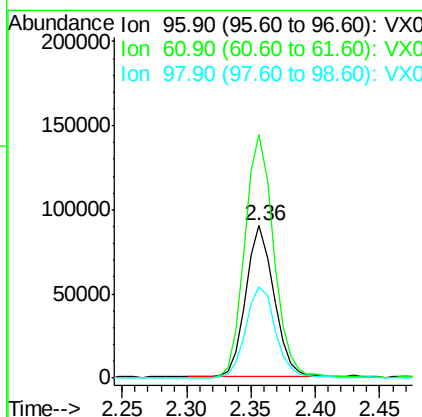
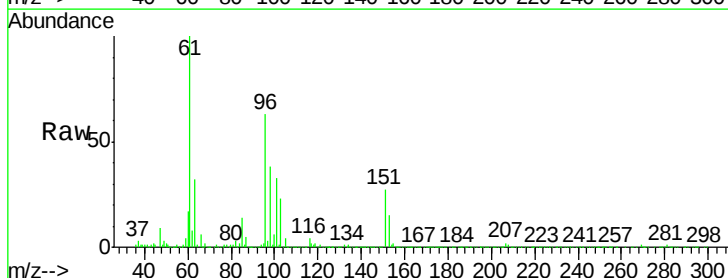
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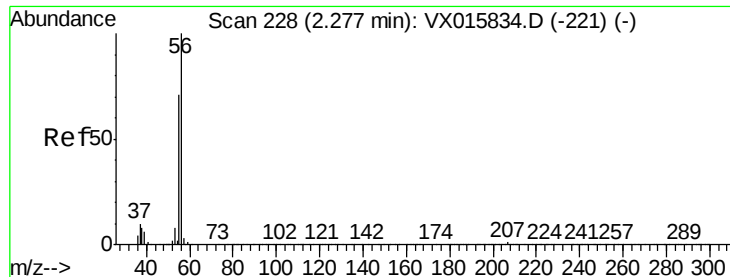
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#12
1,1-Dichloroethene
Concen: 19.130 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.6	135.0	202.6
98	60.1	50.6	76.0





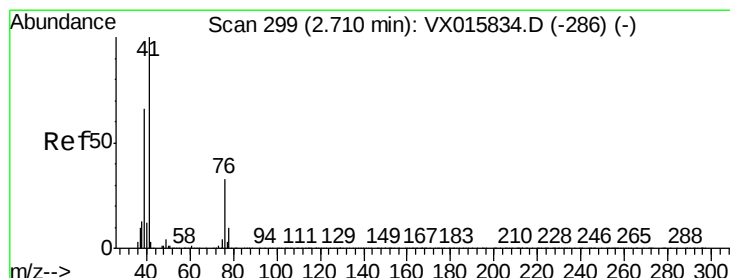
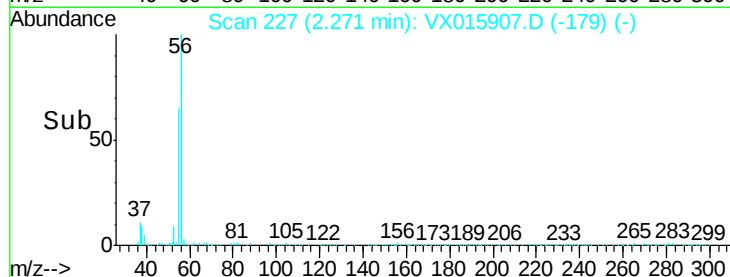
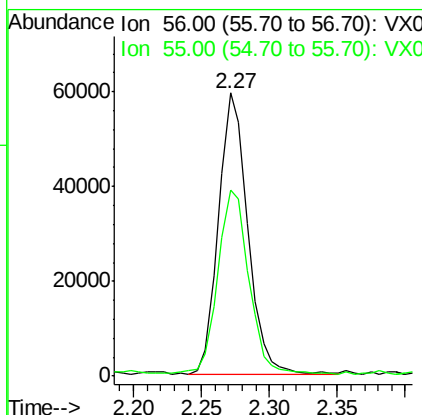
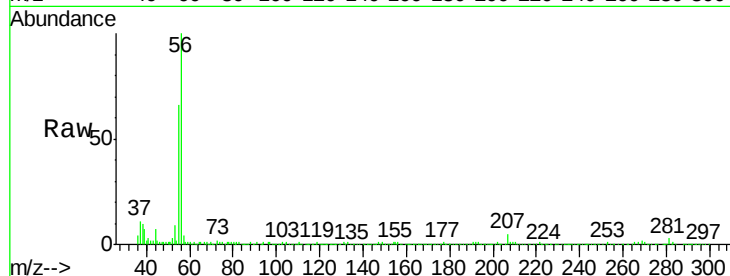
#13
Acrolein
Concen: 79.014 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.2	56.1	84.1

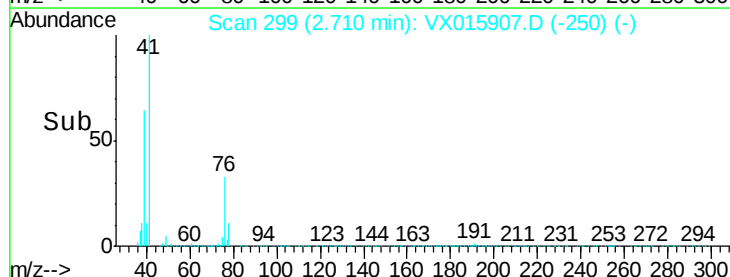
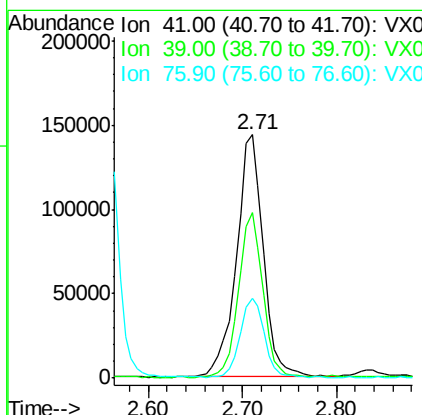
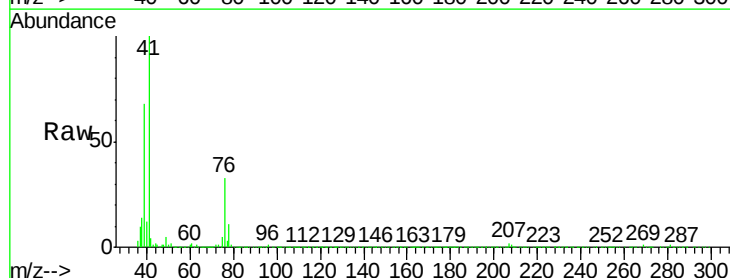
Manual Integrations
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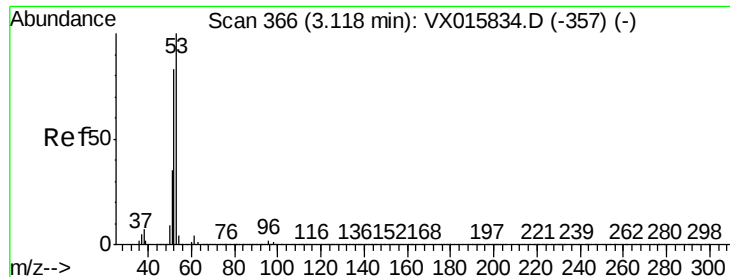
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#14
Allyl chloride
Concen: 18.874 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	61.6	48.4	72.6
76	76	29.3	23.8	35.8





#15

Acrylonitrile

Concen: 103.310 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

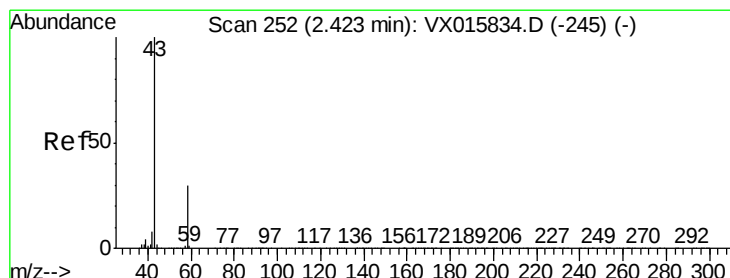
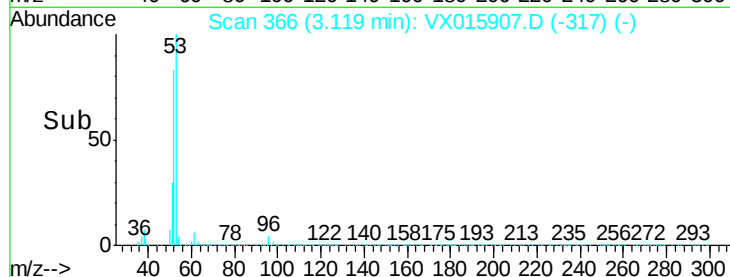
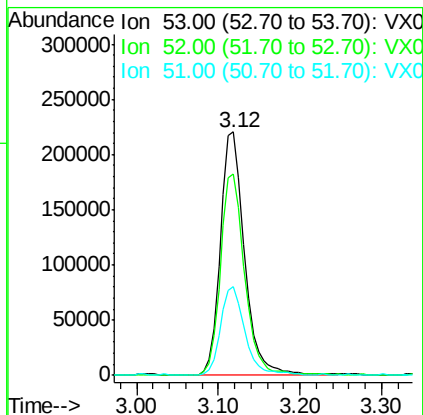
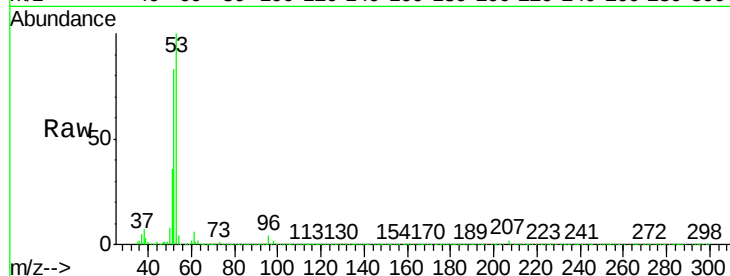
ClientSampleId :

VX0423WBSD02

Tot Ion:	53	Resp:	452606
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.4
51	36.4	28.6	43.0

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#16

Acetone

Concen: 94.048 ug/l

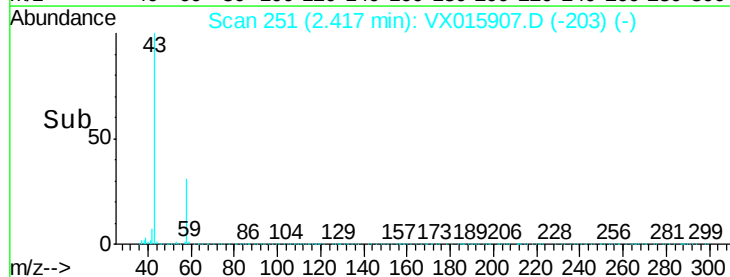
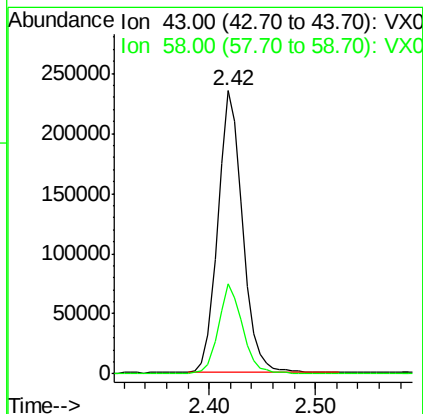
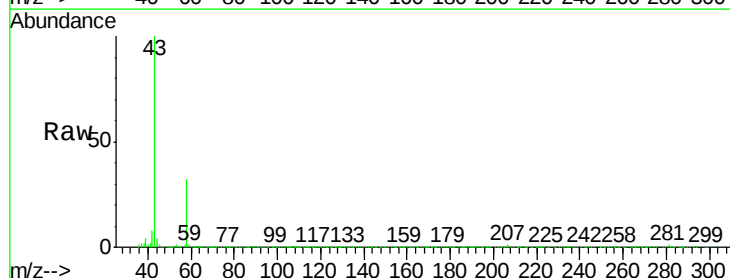
RT: 2.42 min Scan# 251

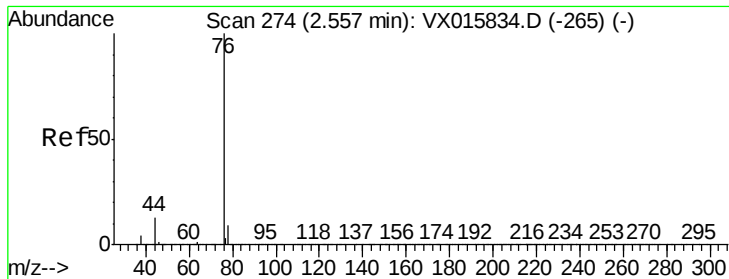
Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion:	43	Resp:	378292
Ion Ratio		Lower	Upper
43	100		
58	31.6	24.0	36.0





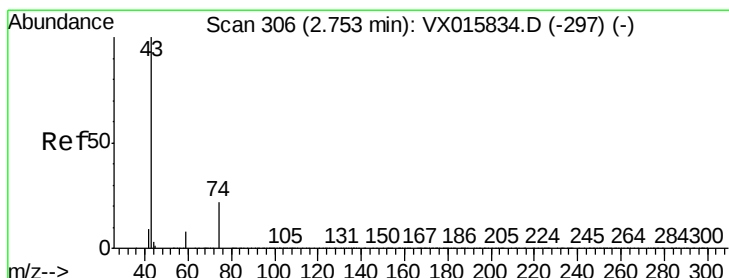
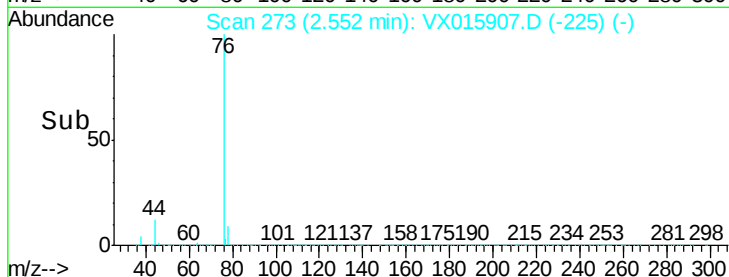
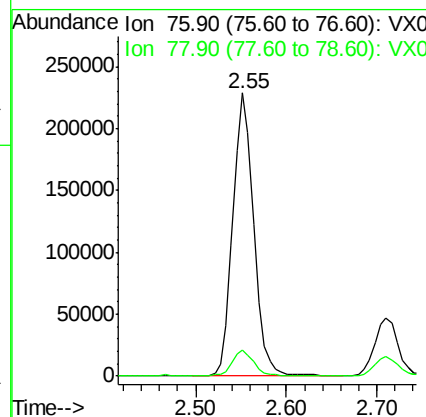
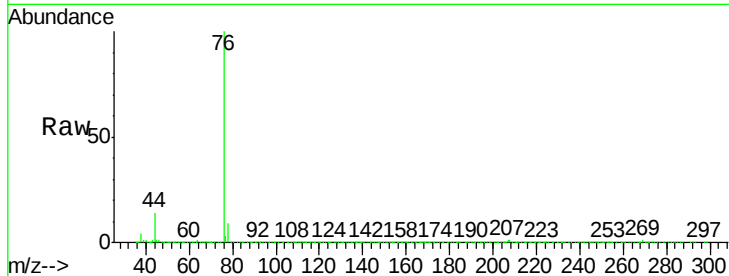
#17
Carbon Disulfide
Concen: 14.244 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

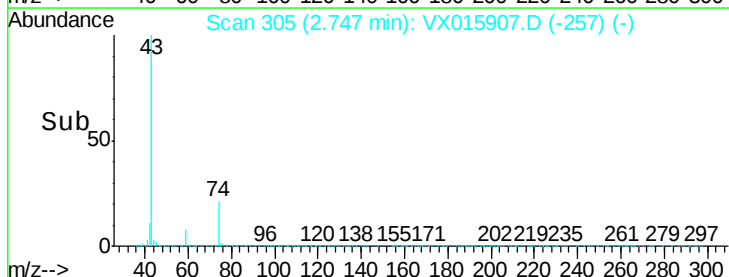
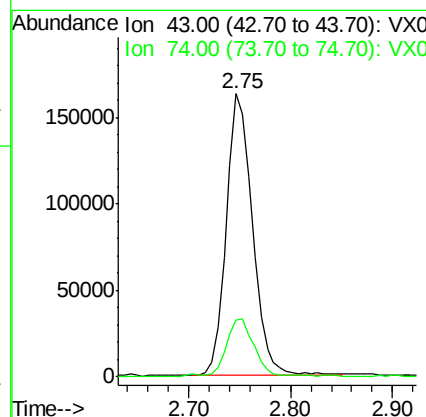
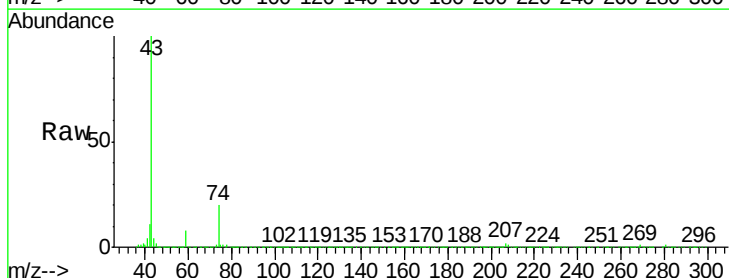
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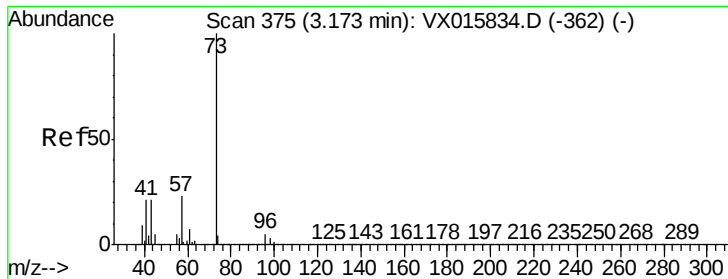
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#18
Methyl Acetate
Concen: 21.945 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	17.9	26.9





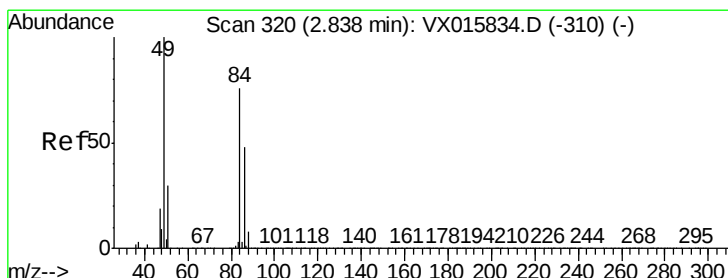
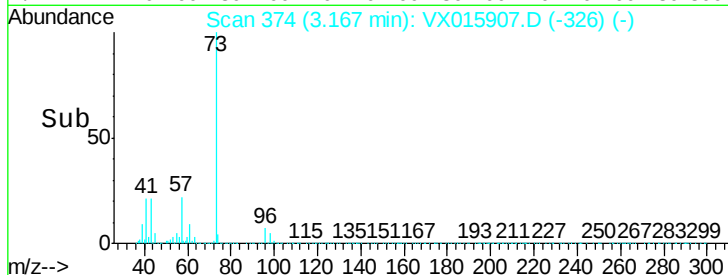
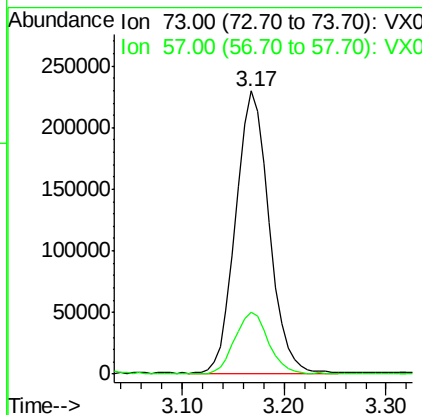
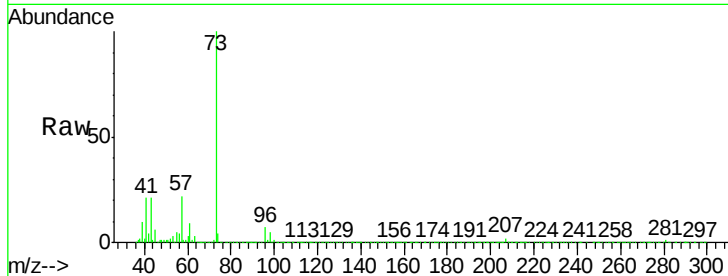
#19
Methvl tert-butvl Ether
Concen: 20.675 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.1	27.1

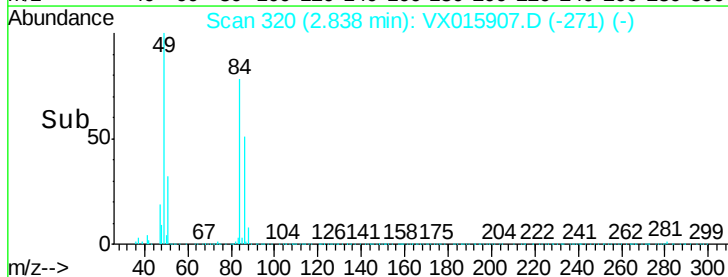
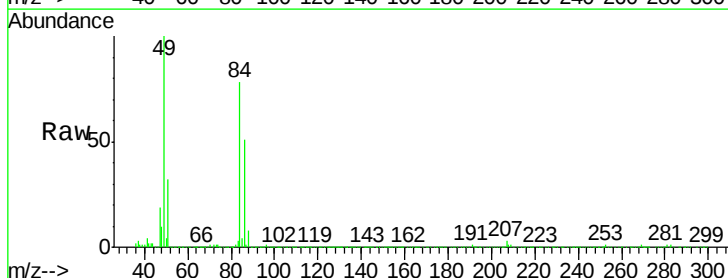
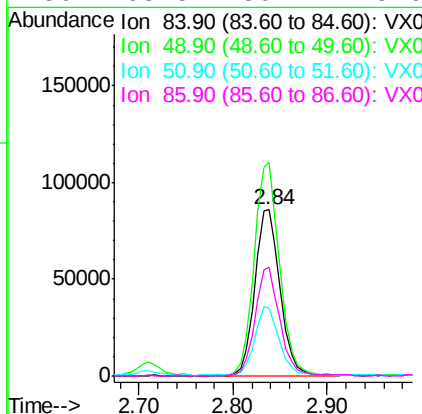
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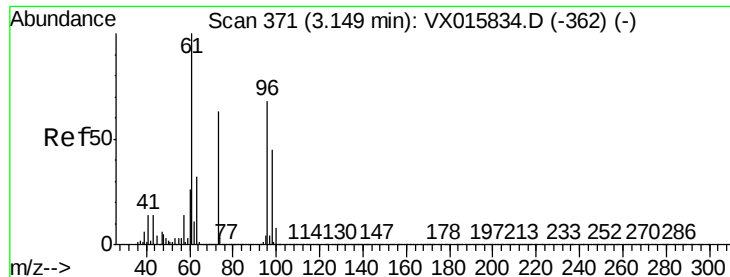
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#20
Methylene Chloride
Concen: 20.035 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.6	104.9	157.3
51	41.1	32.0	48.0
86	65.5	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 19.548 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

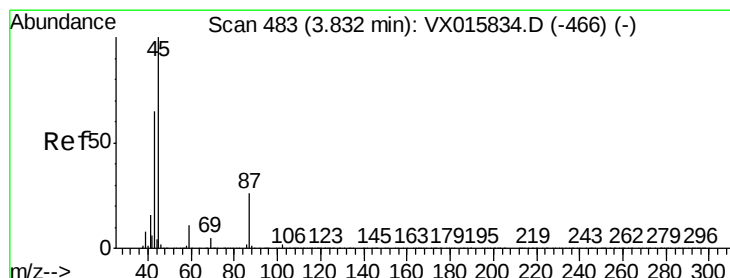
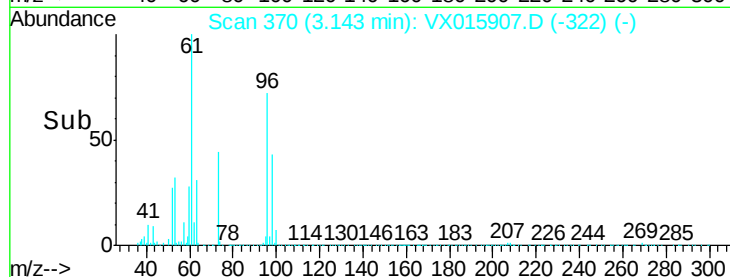
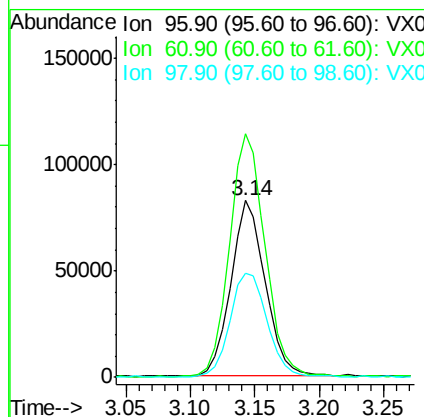
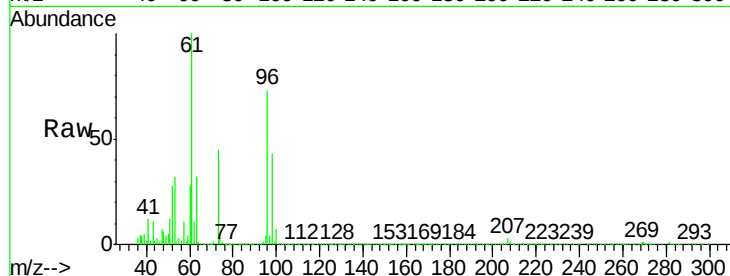
ClientSampleId :

VX0423WBSD02

Tot Ion:	96	Resp:	154297
Ion Ratio	Lower	Upper	
96	100		
61	137.9	117.5	176.3
98	59.4	52.7	79.1

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#22

Diisopropyl ether

Concen: 20.518 ug/l

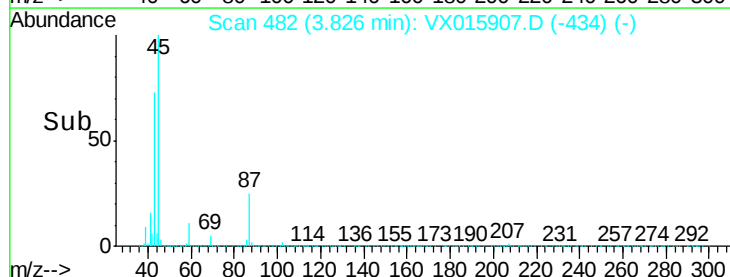
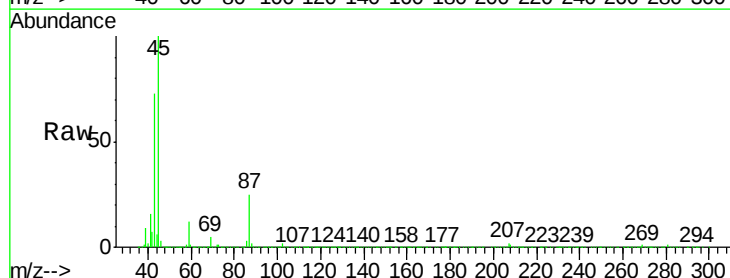
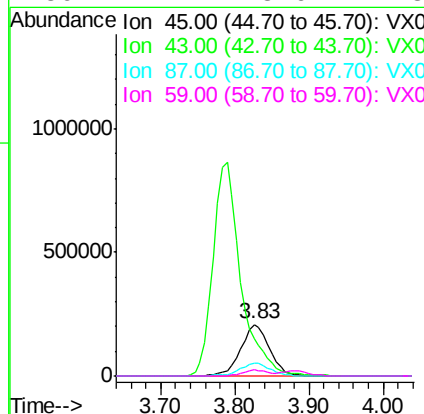
RT: 3.83 min Scan# 482

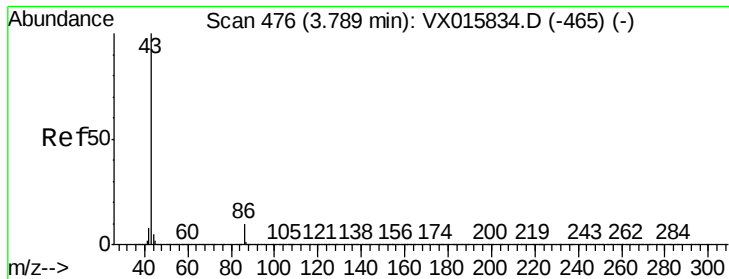
Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion:	45	Resp:	559062
Ion Ratio	Lower	Upper	
45	100		
43	72.2	52.4	78.6
87	24.8	20.7	31.1
59	11.4	8.6	12.8





#23

Vinyl Acetate

Concen: 99.693 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion: 43 Resp: 2248156

Ion Ratio Lower Upper

43 100

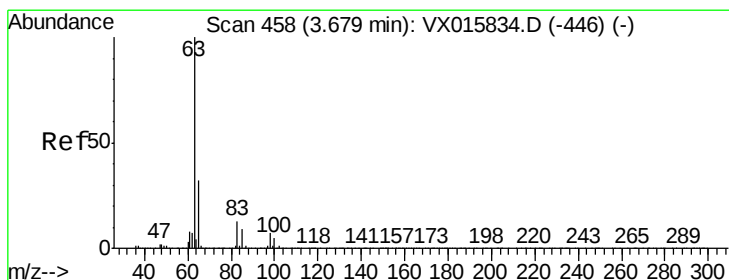
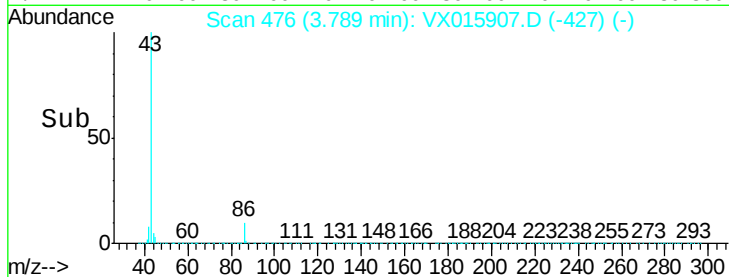
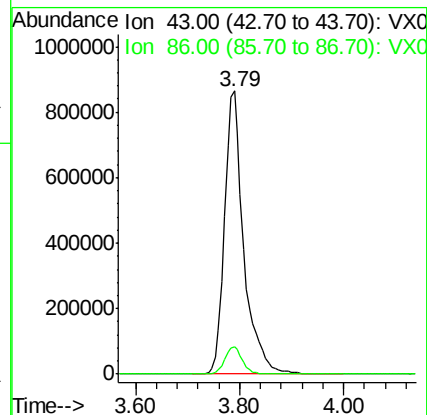
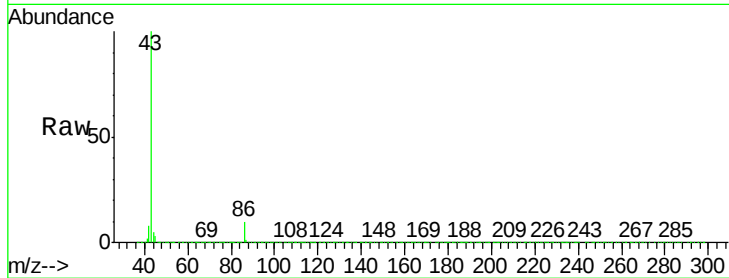
86 9.6 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.199 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

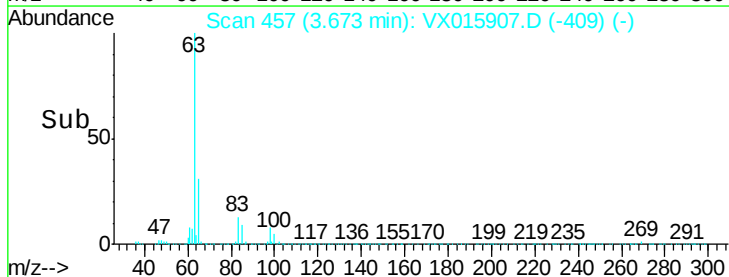
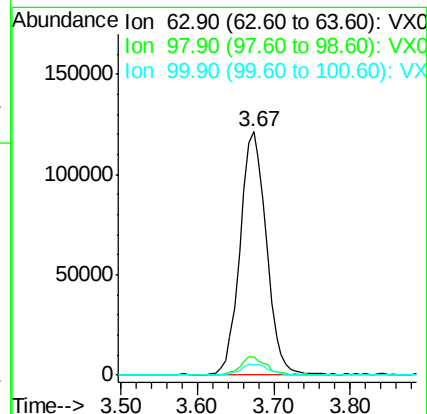
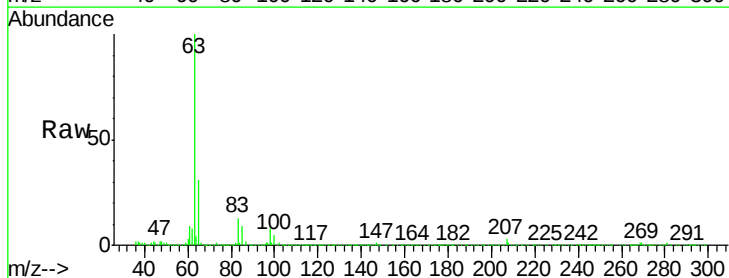
Tgt Ion: 63 Resp: 286862

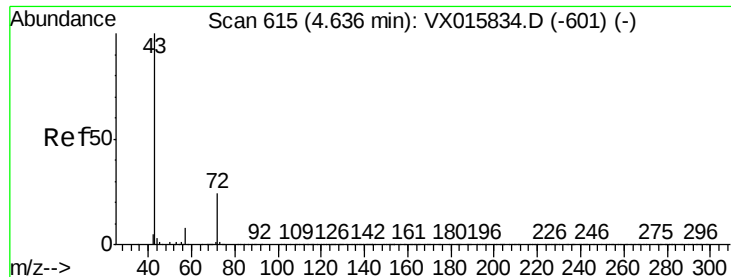
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 102.827 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tot Ion: 43 Resp: 653741

Ion Ratio Lower Upper

43 100

72 24.5 19.4 29.2

Instrument :

MSVOA_X

ClientSampleId :

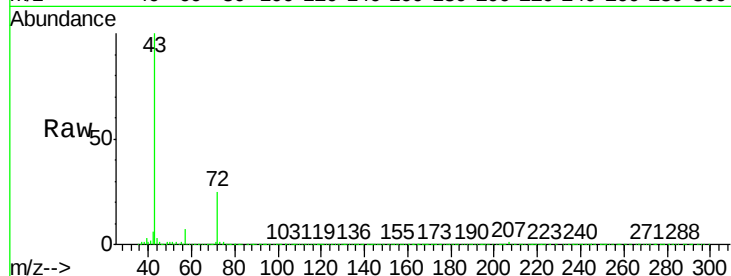
VX0423WBSD02

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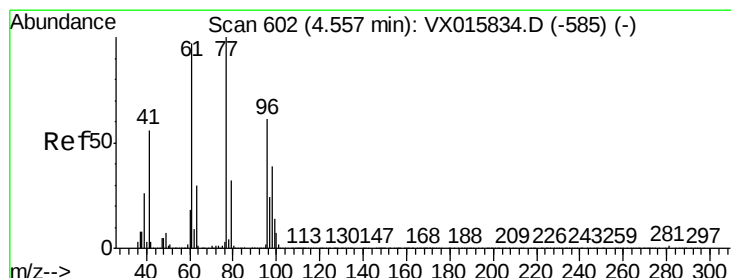
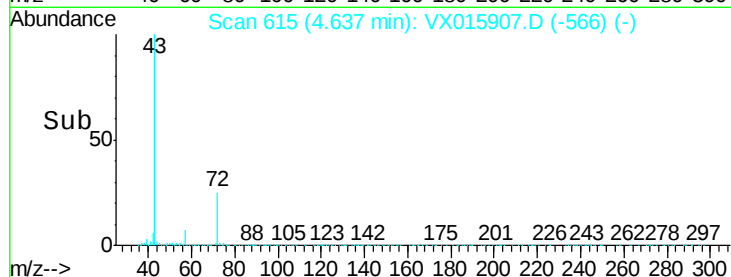
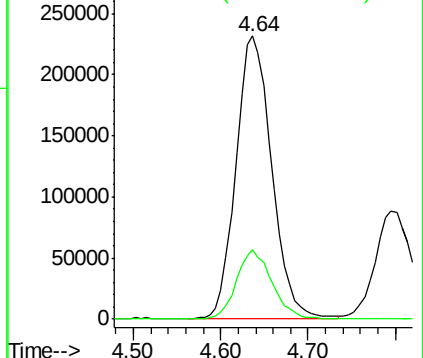
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.810 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015907.D

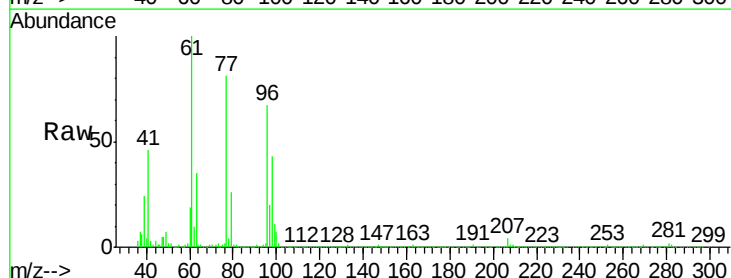
Acq: 23 Apr 2020 22:18

Tgt Ion: 77 Resp: 213248

Ion Ratio Lower Upper

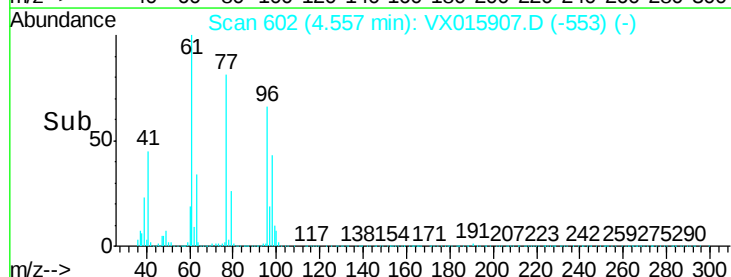
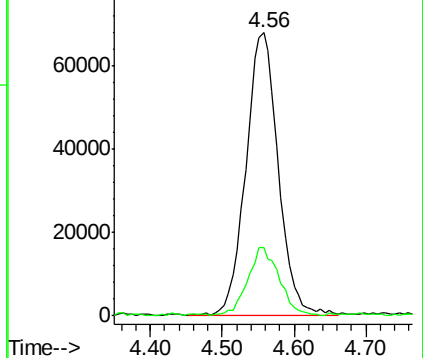
77 100

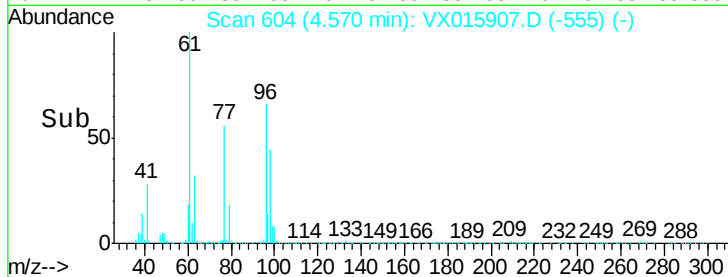
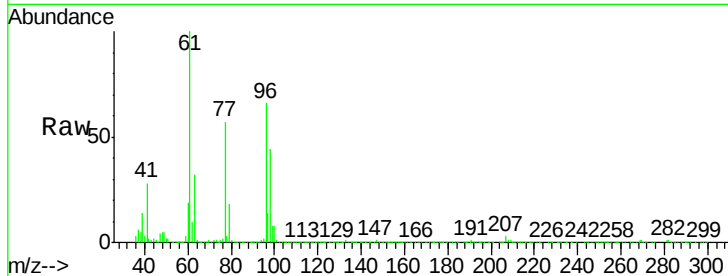
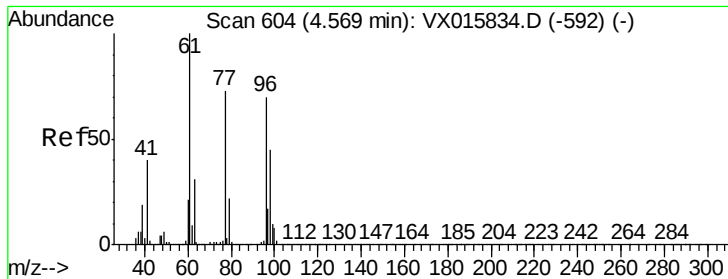
97 23.5 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.116 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX015907.D

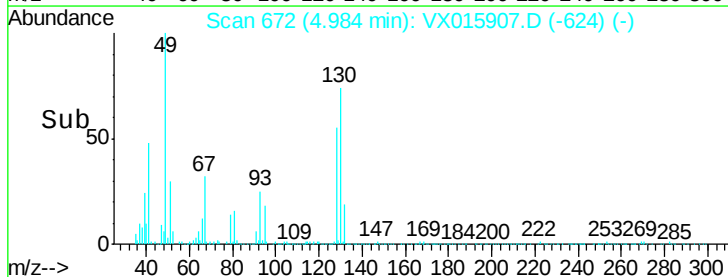
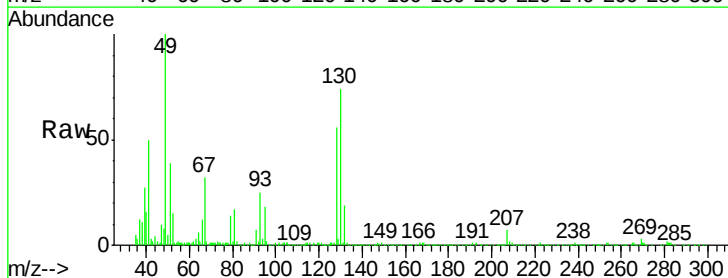
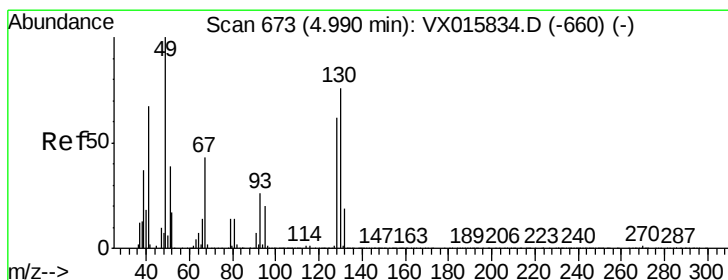
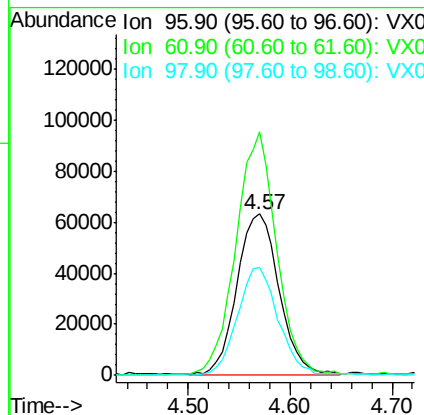
Acq: 23 Apr 2020 22:18

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.4	0.0	299.4	
98	65.0	0.0	129.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

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#28

Bromochloromethane

Concen: 19.588 ug/l

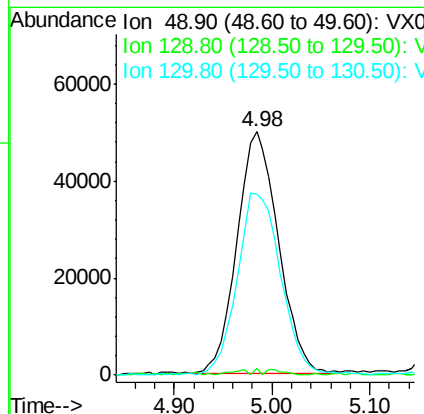
RT: 4.98 min Scan# 672

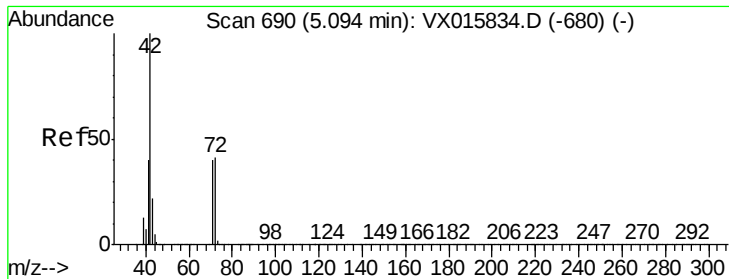
Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.3	0.0	1.8	
130	79.6	62.4	93.6	





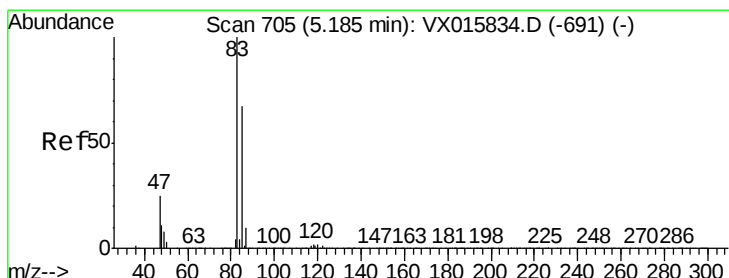
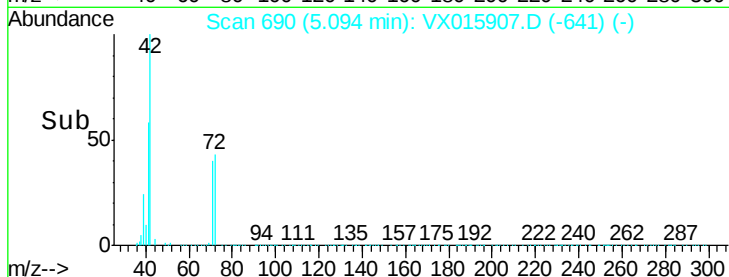
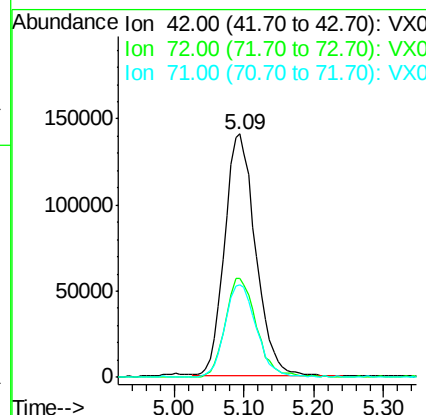
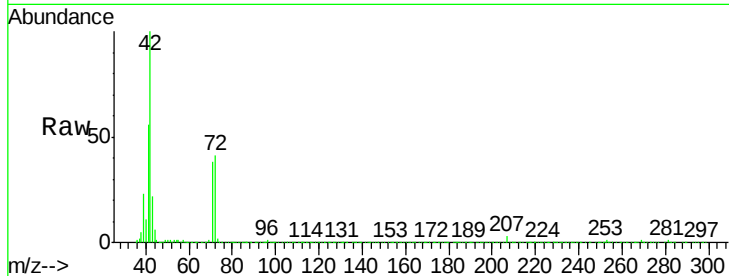
#29
Tetrahydrofuran
Concen: 103.037 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	33.0	49.6
71	38.9	30.6	45.8

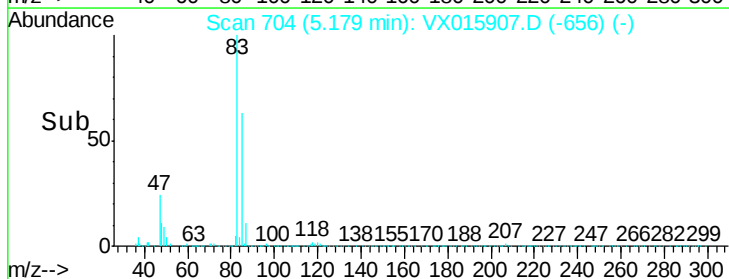
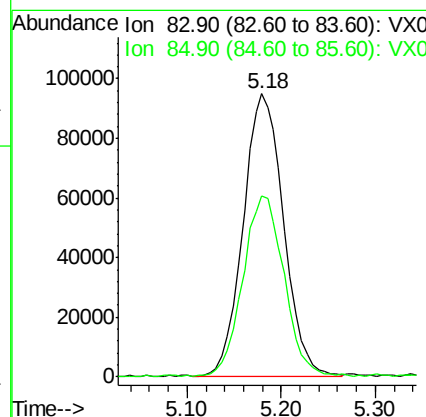
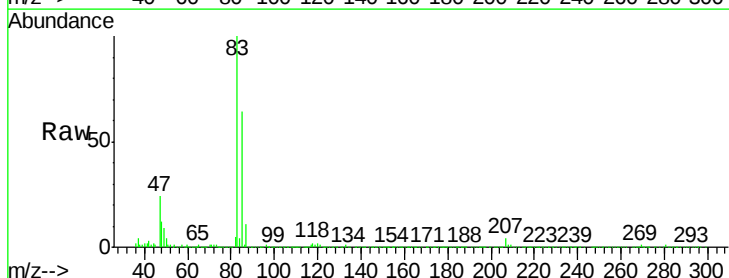
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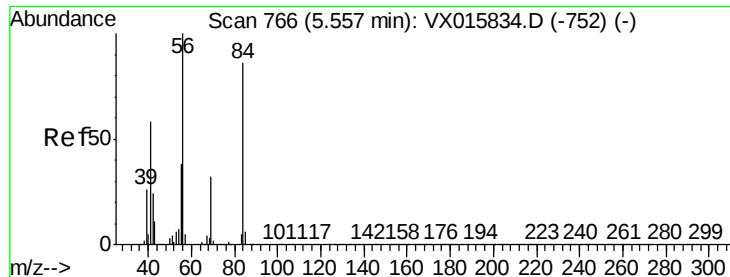
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#30
Chloroform
Concen: 19.801 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.4	80.0





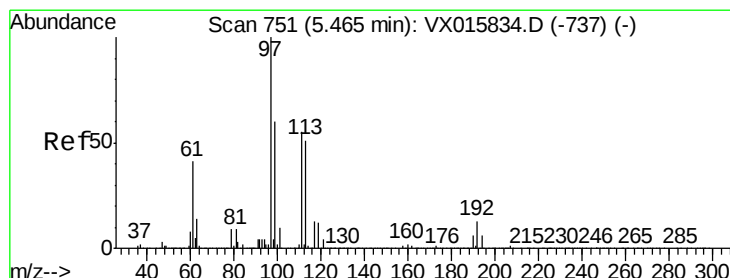
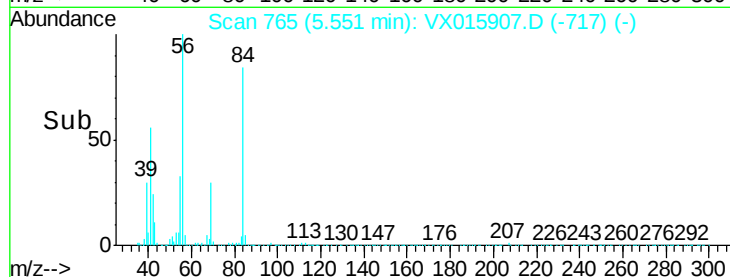
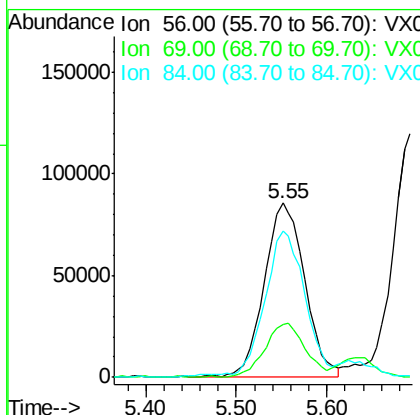
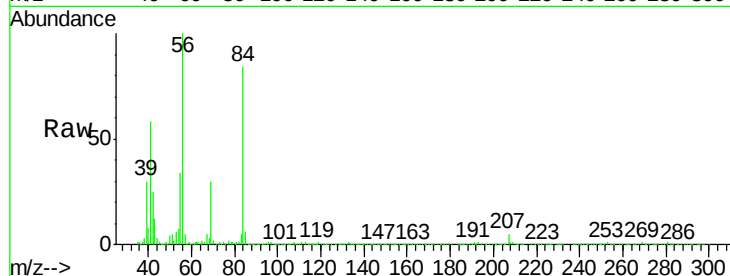
#31
Cyclohexane
Concen: 19.525 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.3	37.9
84	83.4	69.1	103.7

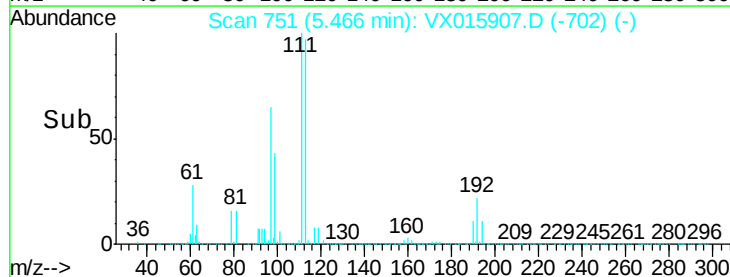
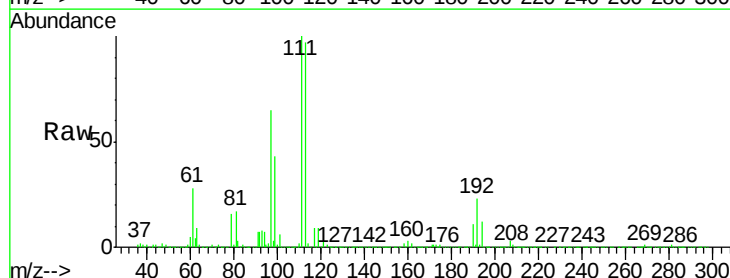
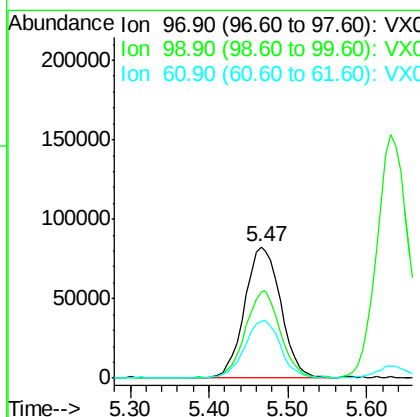
Manual Integrations
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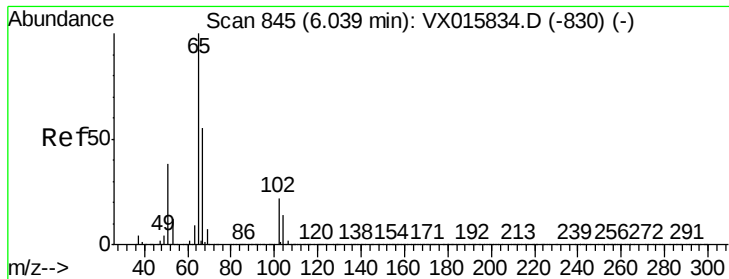
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#32
1,1,1-Trichloroethane
Concen: 20.491 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	44.3	34.1	51.1





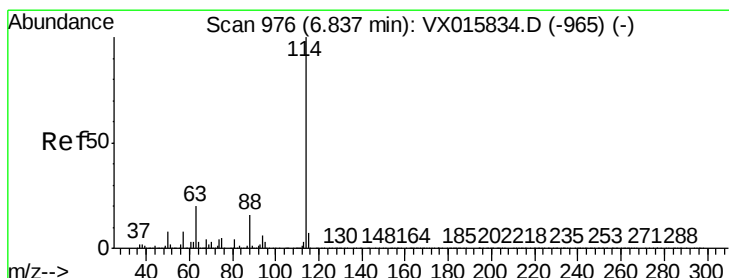
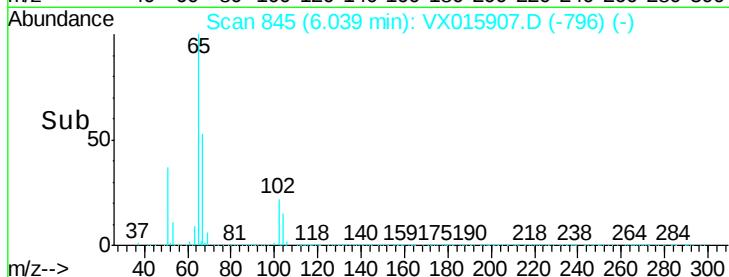
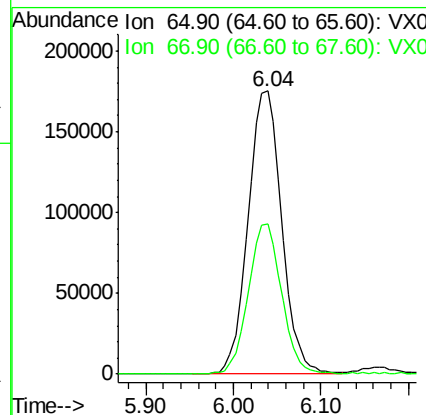
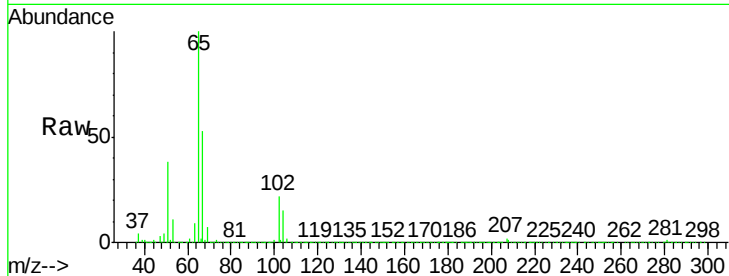
#33
 1,2-Dichloroethane-d4
 Concen: 50.599 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.2

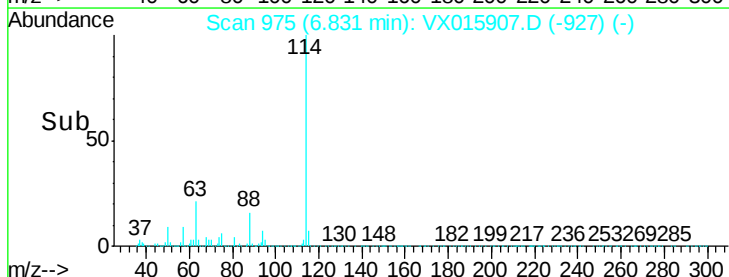
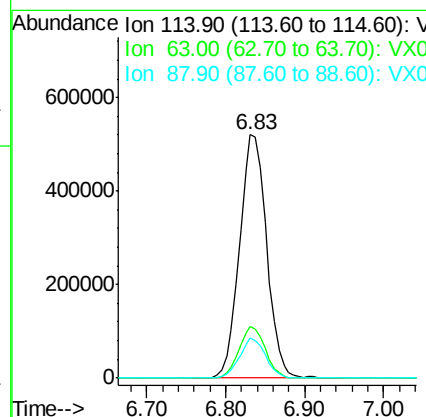
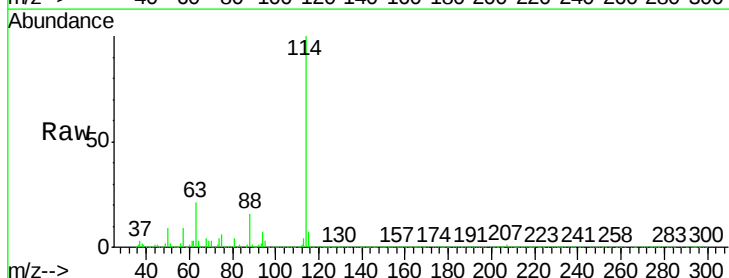
Manual Integrations
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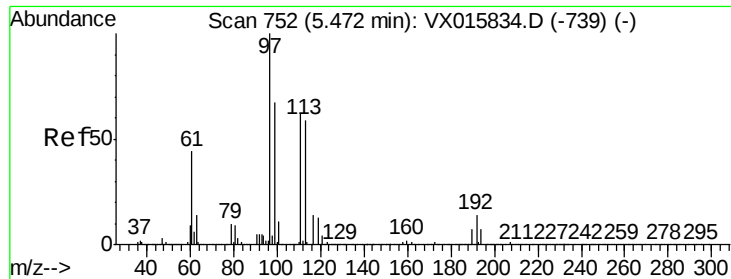
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.6
88	16.4	0.0	32.8





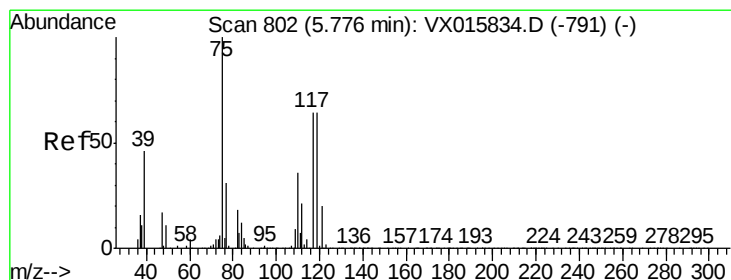
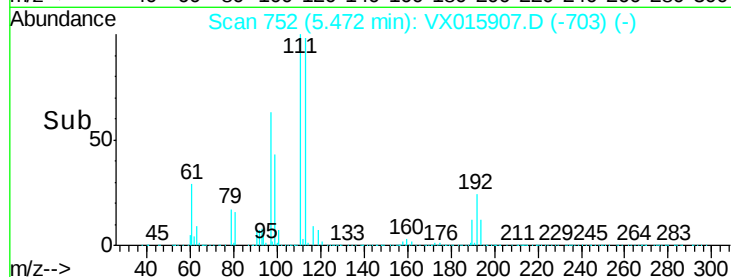
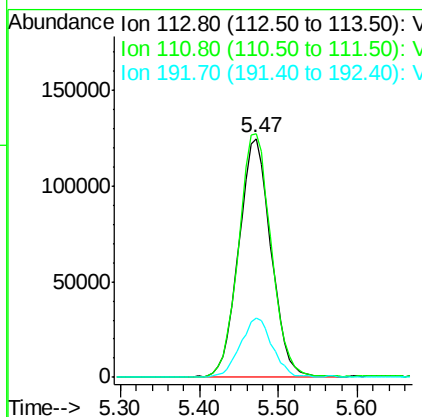
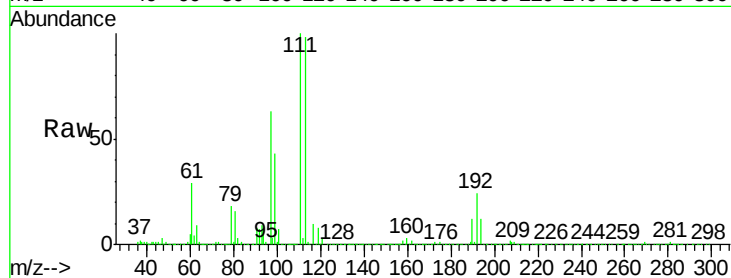
#35
Dibromofluoromethane
Concen: 49.512 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	356084		
111	102.7	82.7	124.1	
192	24.9	19.3	28.9	

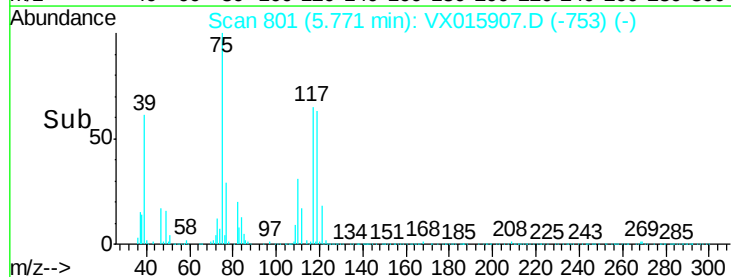
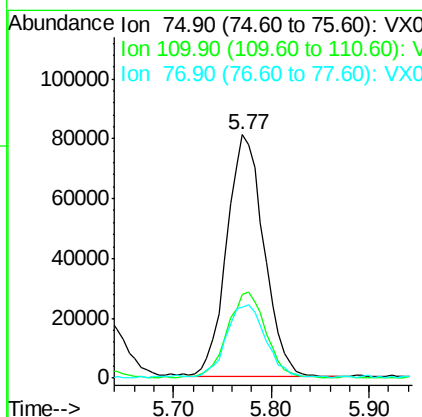
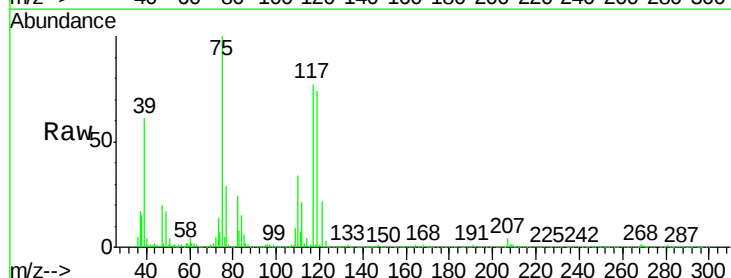
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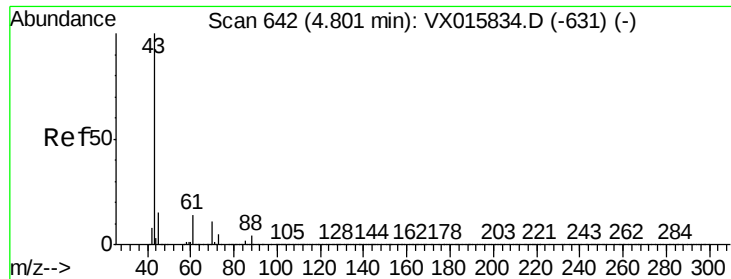
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#36
1,1-Dichloropropene
Concen: 19.419 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	214493		
110	36.1	17.9	53.8	
77	30.8	24.5	36.7	





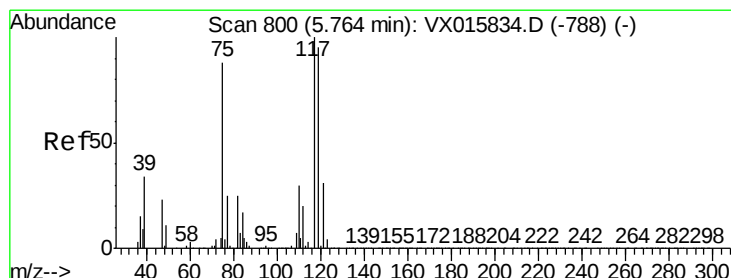
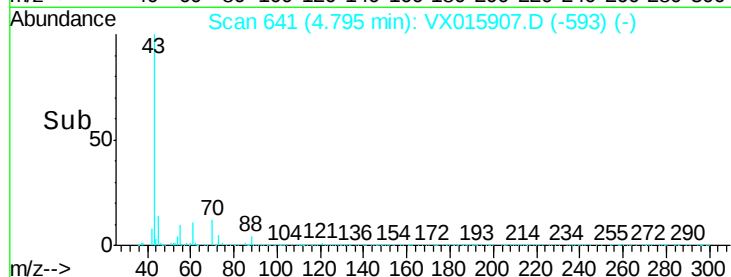
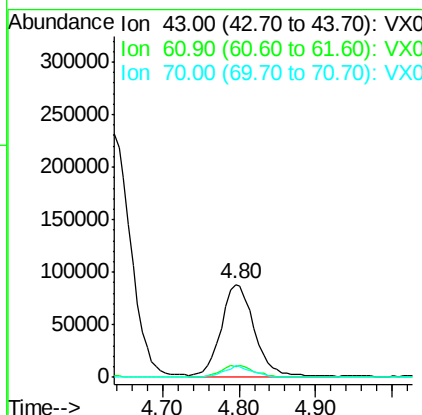
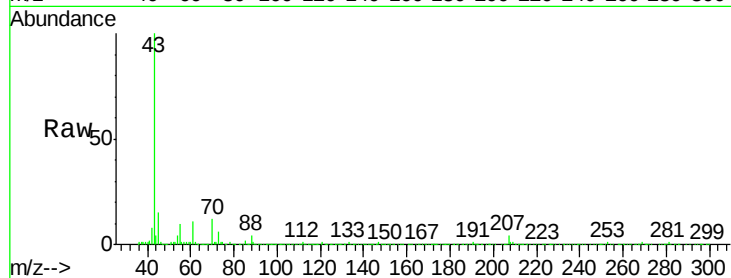
#37
Ethyl Acetate
Concen: 19.855 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.8	16.2
70	11.2	8.2	12.2

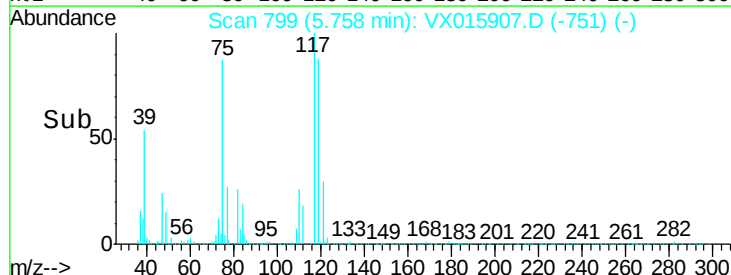
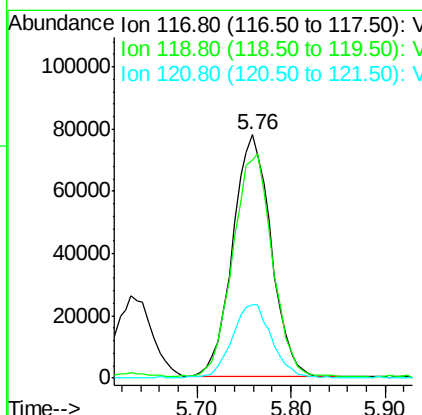
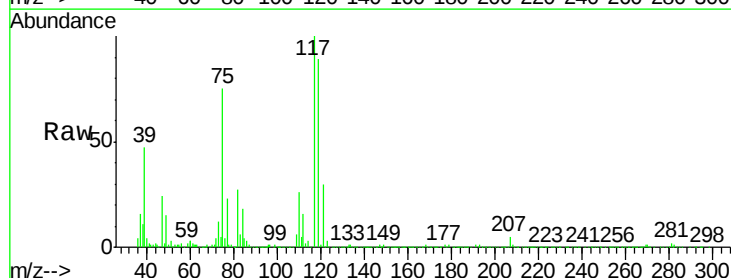
Manual Integrations
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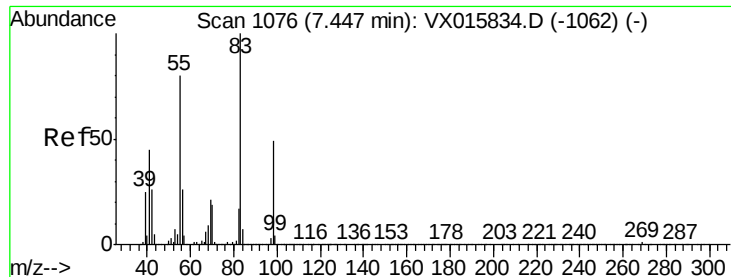
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#38
Carbon Tetrachloride
Concen: 20.361 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.2	75.7	113.5
121	30.1	25.0	37.6





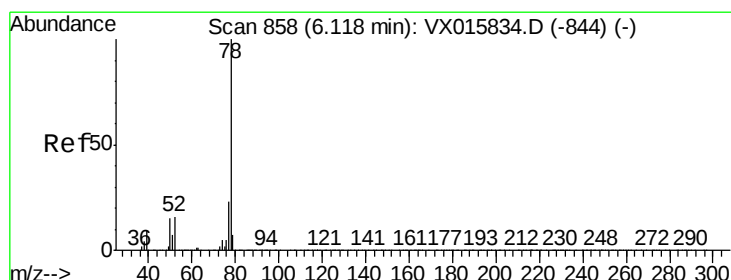
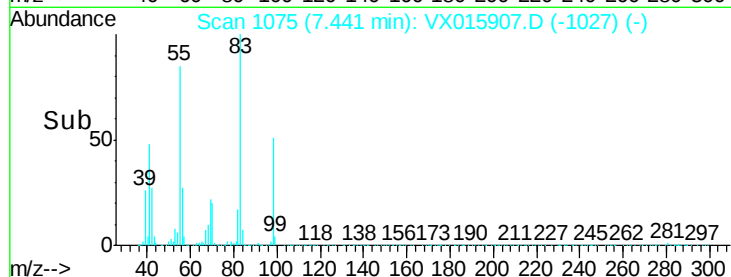
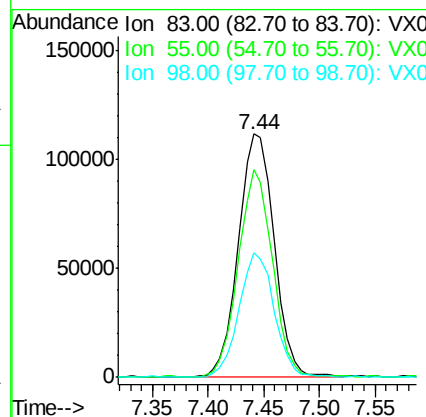
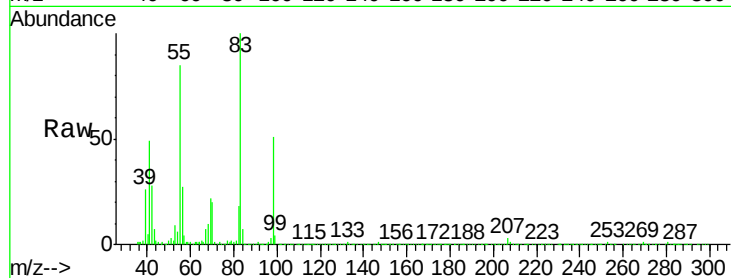
#39
Methylvlcyclohexane
Concen: 17.850 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	249679		
55	85.3		64.2	96.4
98	51.3		39.3	58.9

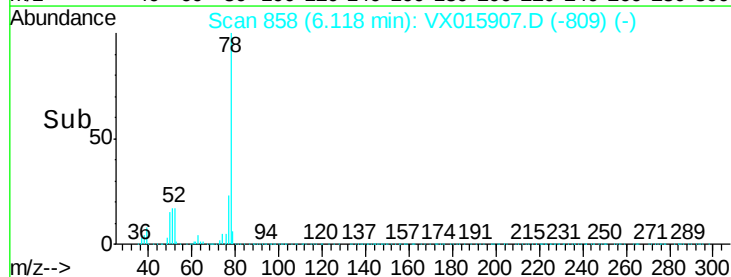
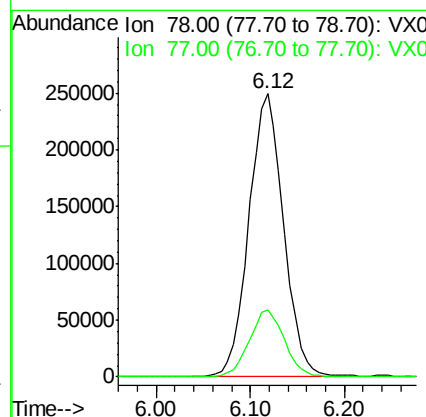
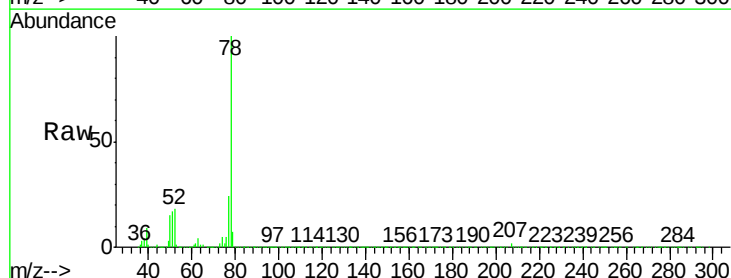
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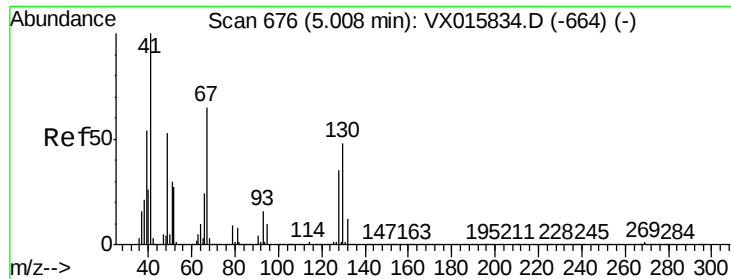
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#40
Benzene
Concen: 19.195 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	638560		
77	23.8		18.6	27.8





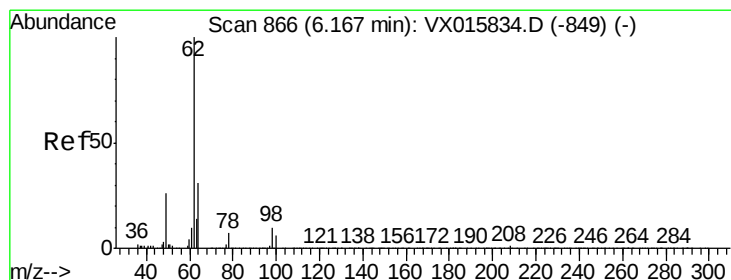
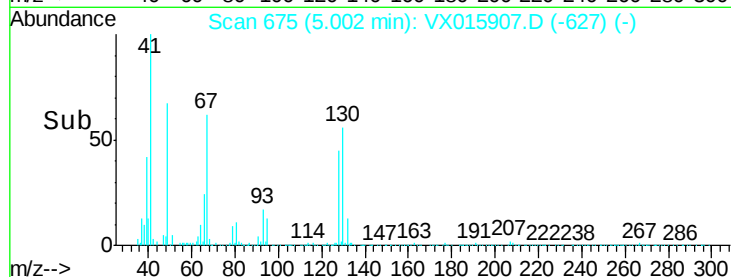
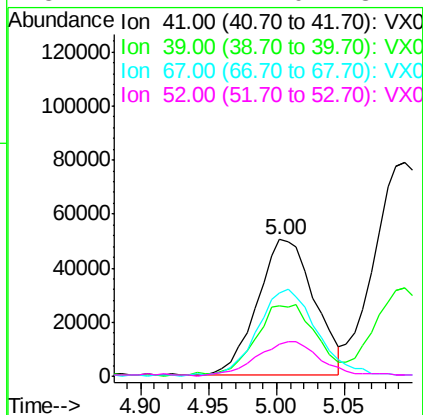
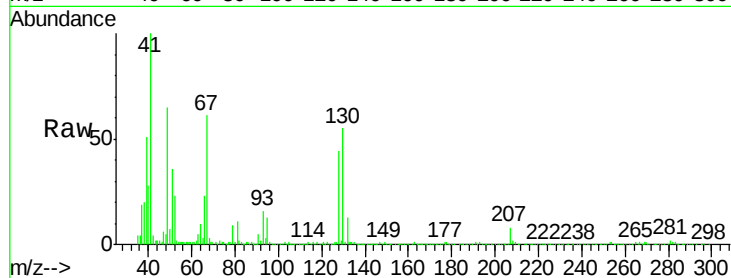
#41
Methacrylonitrile
Concen: 20.060 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		146534		
39	56.1	42.4	63.6		
67	65.9	51.9	77.9		
52	27.7	21.0	31.4		

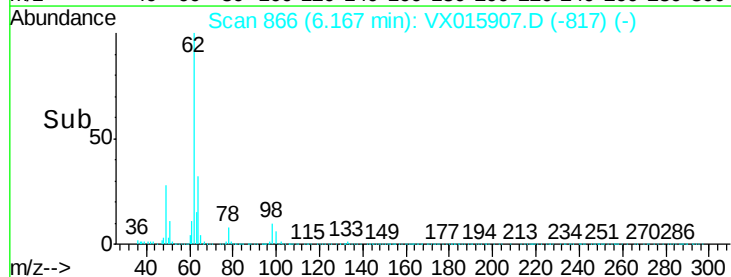
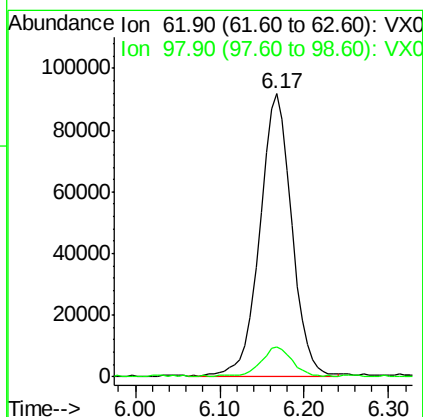
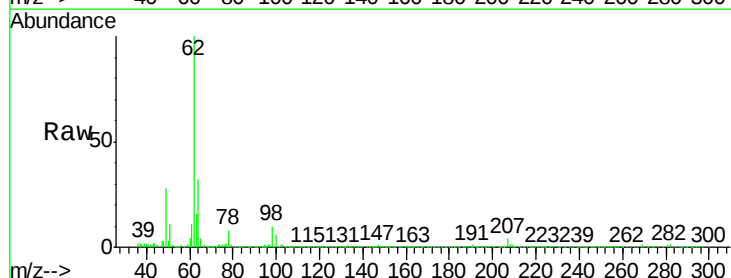
Manual Integrations
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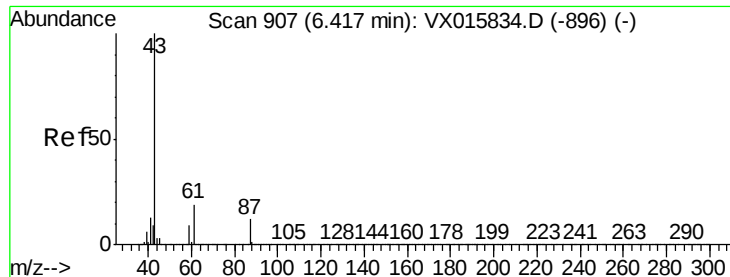
MMDadoda
4/24/2020 11:35:19 AM



#42
1,2-Dichloroethane
Concen: 19.939 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		238861		
98	10.0	0.0	20.0		





#43

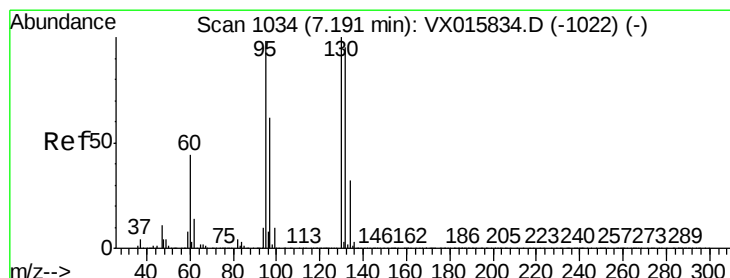
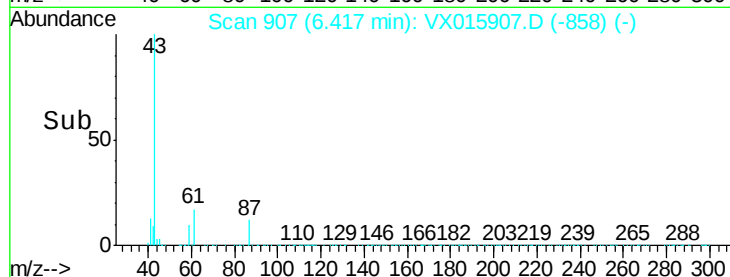
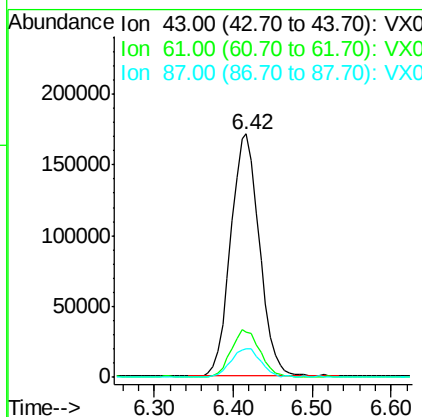
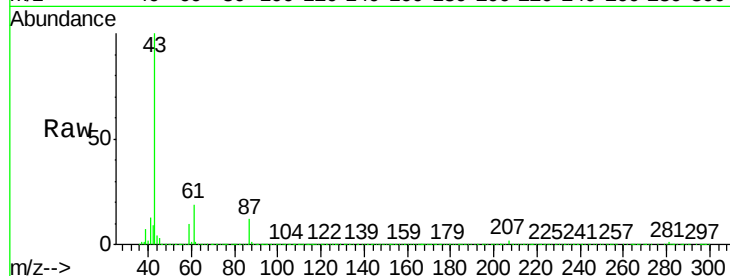
Isopropyl Acetate
 Concen: 19.500 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.2
87	12.2	9.8	14.6

Manual Integrations
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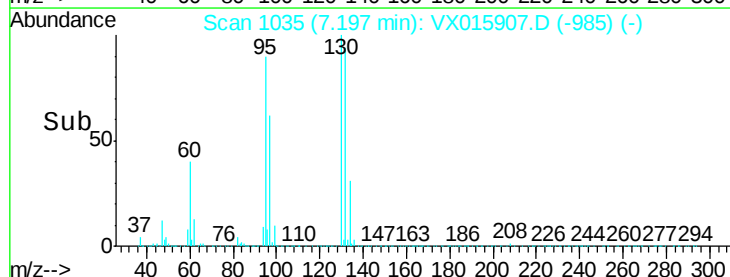
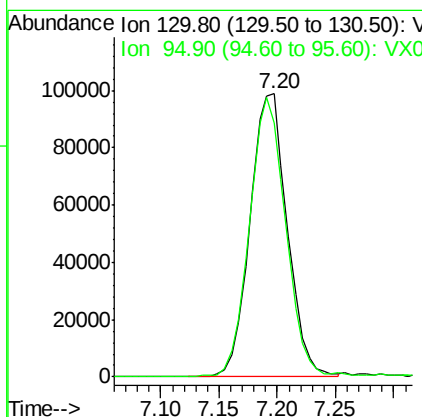
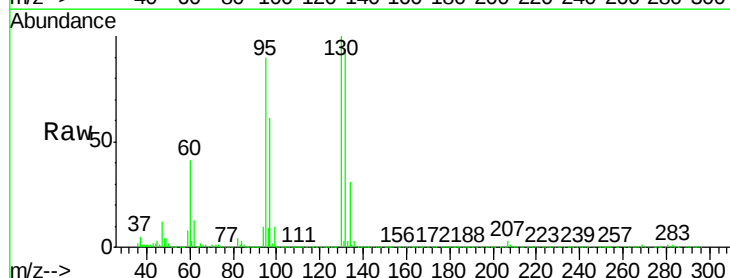
MMDadoda
 4/24/2020 11:35:19 AM

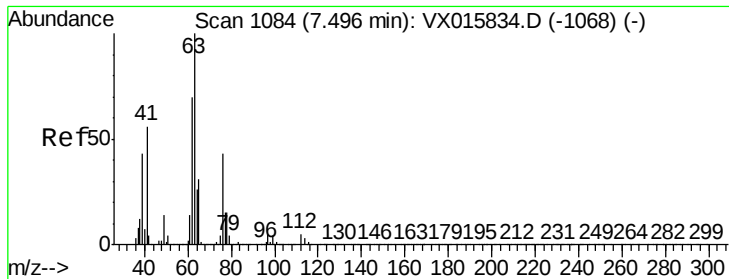


#44

Trichloroethene
 Concen: 18.773 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	195.8





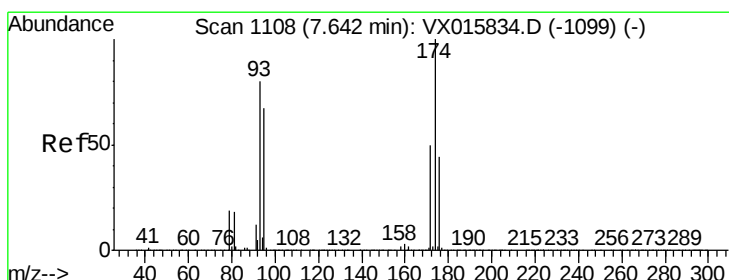
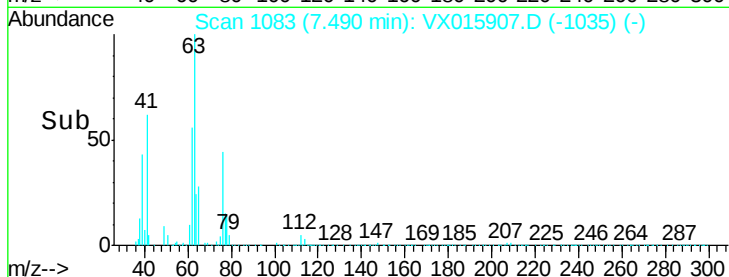
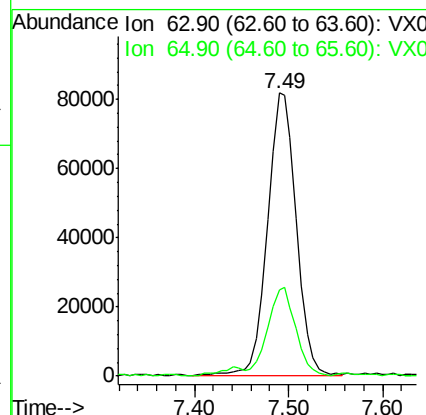
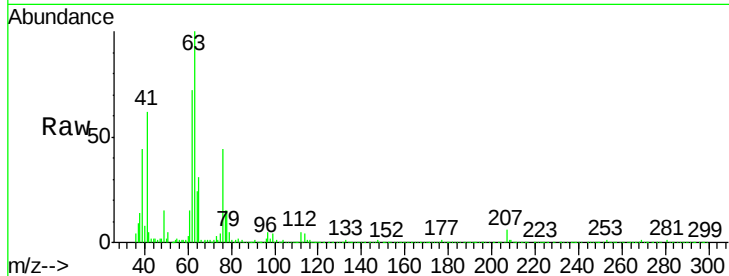
#45
 1,2-Dichloropropane
 Concen: 19.998 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.5	36.7

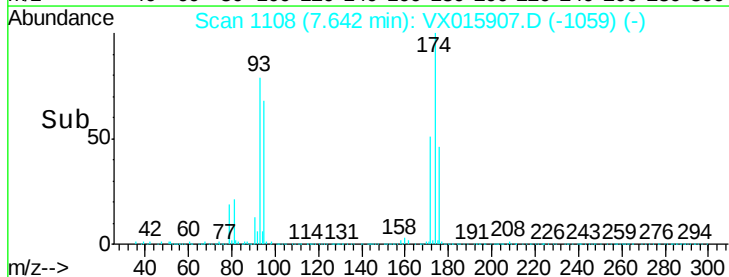
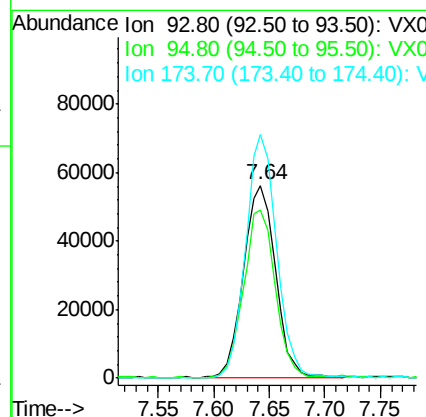
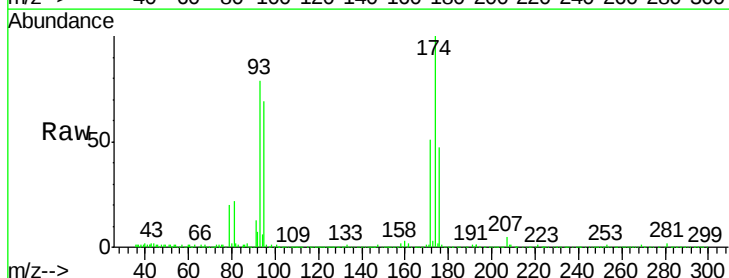
Manual Integrations
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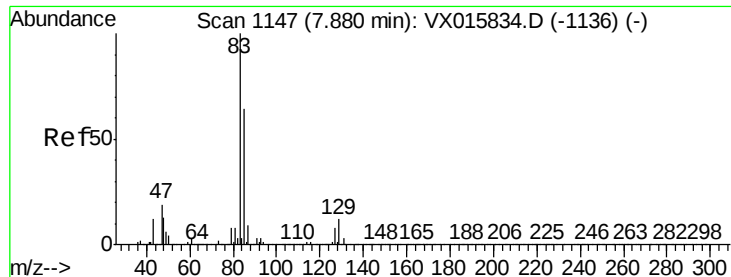
MMDadoda
 4/24/2020 11:35:19 AM



#46
 Dibromomethane
 Concen: 17.619 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.5	65.8	98.8
174	122.3	95.6	143.4





#47

Bromodichloromethane

Concen: 20.791 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

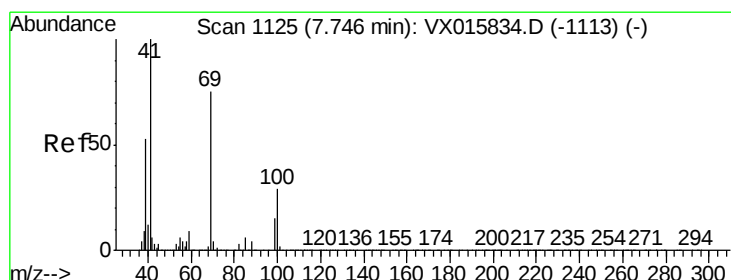
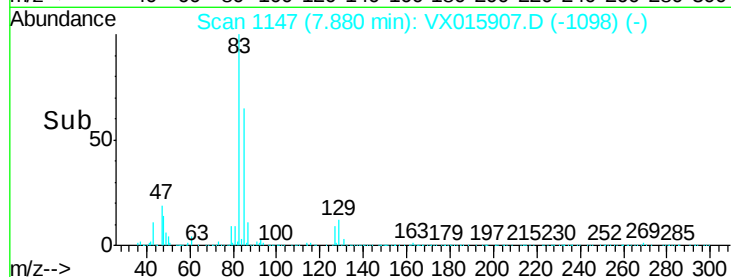
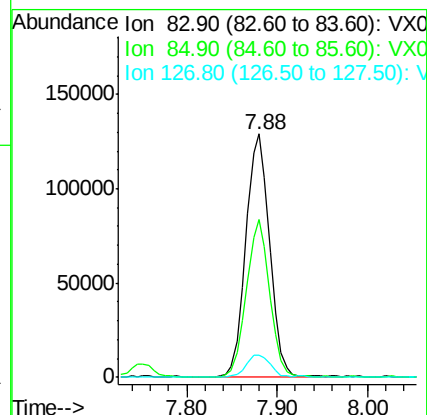
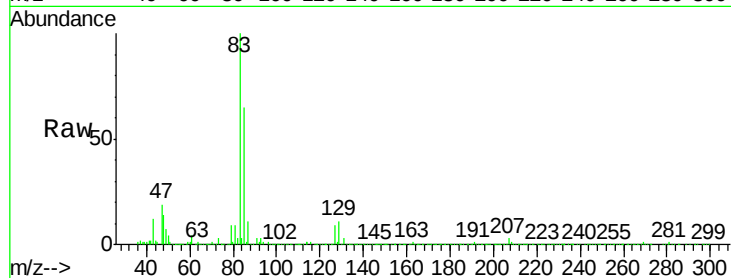
ClientSampleId :

VX0423WBSD02

Tot Ion:	83	Resp:	235399
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.8	76.2
127	9.2	6.6	10.0

Manual Integrations
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MMDadoda
4/24/2020 11:35:19 AM



#48

Methyl methacrylate

Concen: 19.739 ug/l

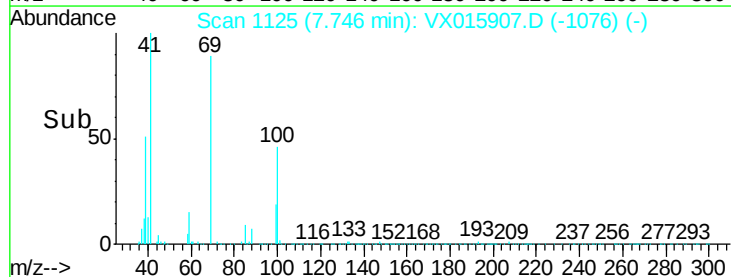
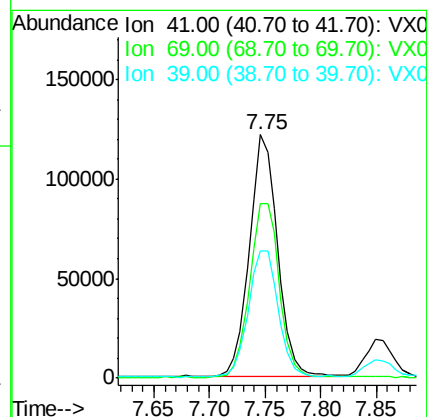
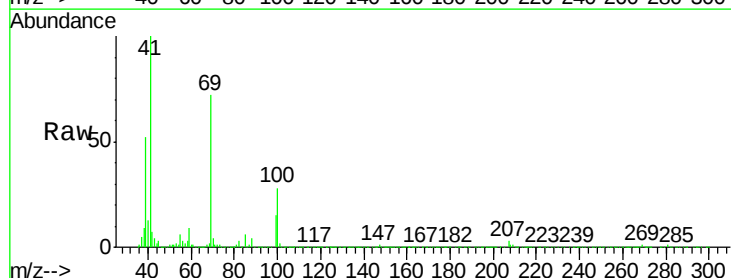
RT: 7.75 min Scan# 1125

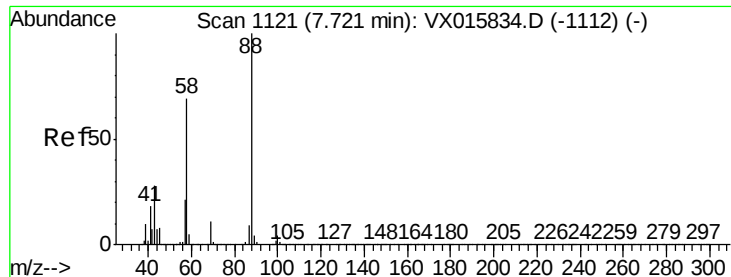
Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion:	41	Resp:	215307
Ion Ratio	Lower	Upper	
41	100		
69	75.4	60.5	90.7
39	55.1	42.1	63.1





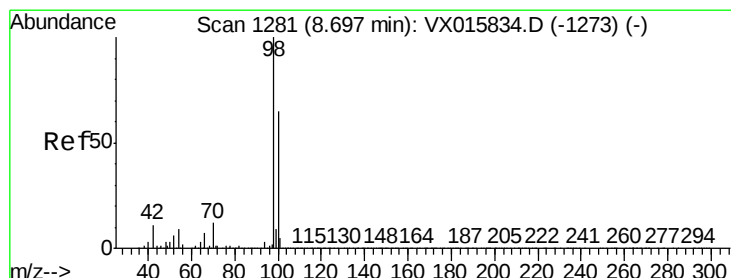
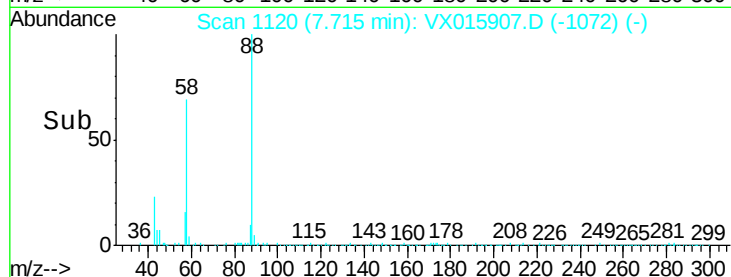
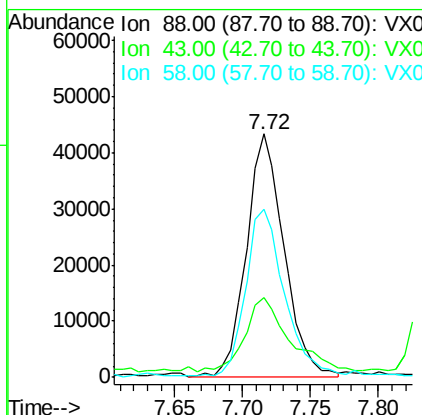
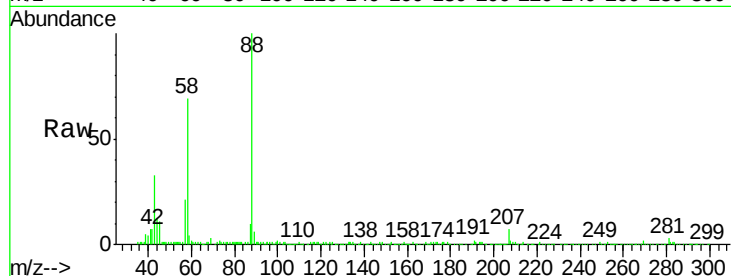
#49
1,4-Dioxane
Concen: 409.056 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	28.2	42.4
58	70.4	58.9	88.3

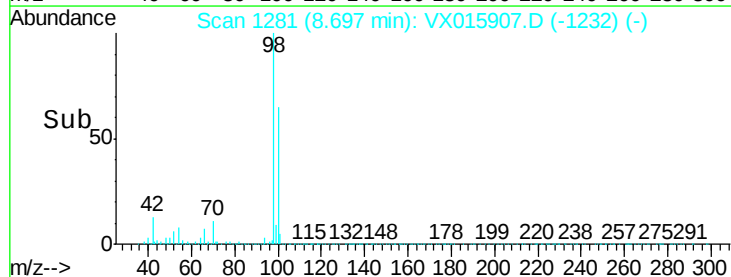
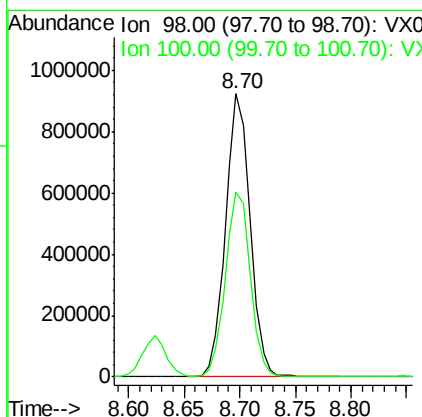
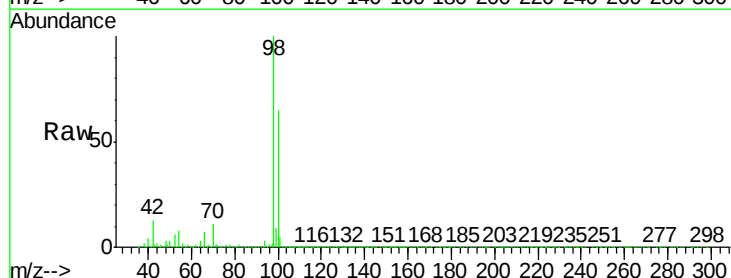
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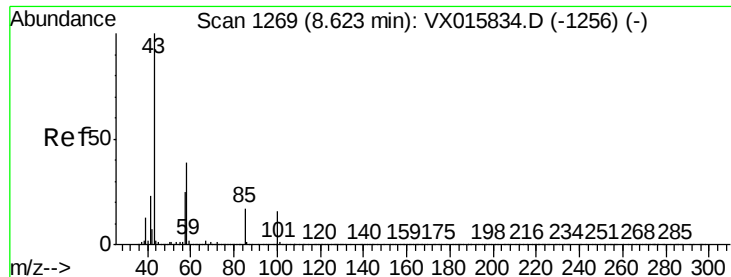
MMDadoda
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#50
Toluene-d8
Concen: 48.726 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6





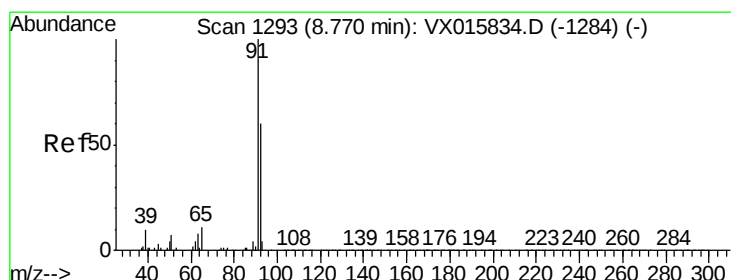
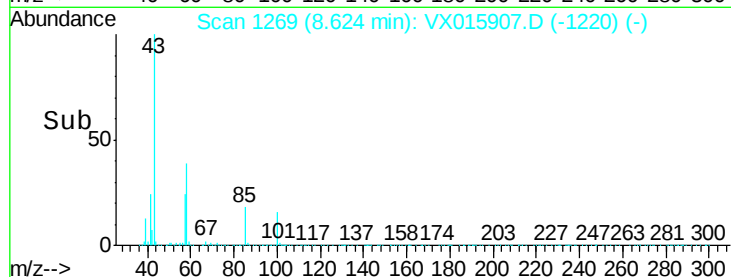
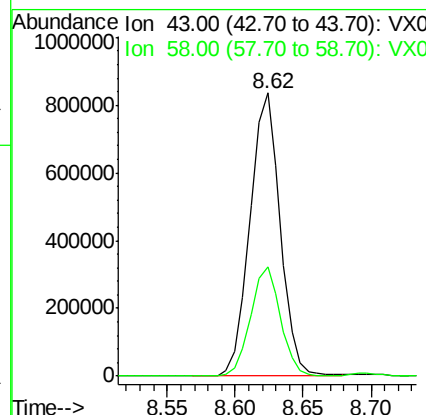
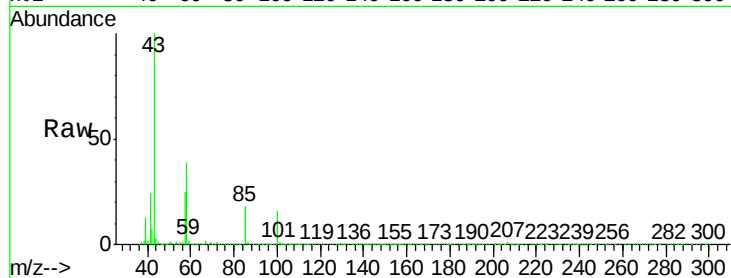
#51
4-Methyl-2-Pentanone
Concen: 101.599 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion: 43 Resp: 1300392
Ion Ratio Lower Upper
43 100
58 38.0 30.6 45.8

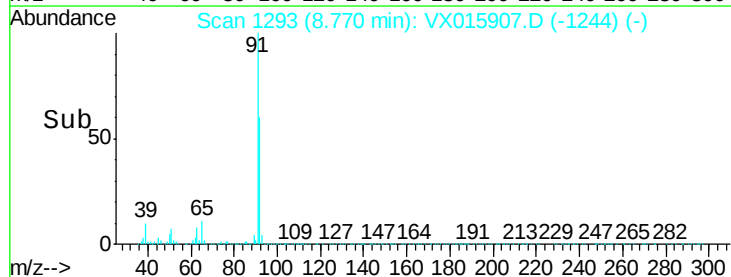
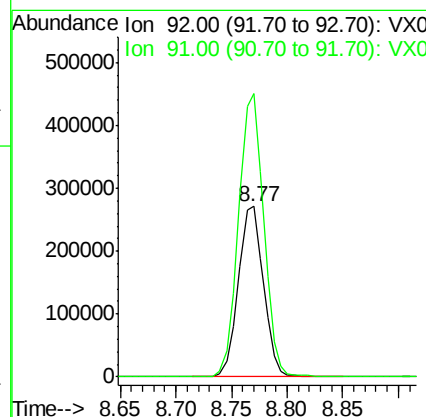
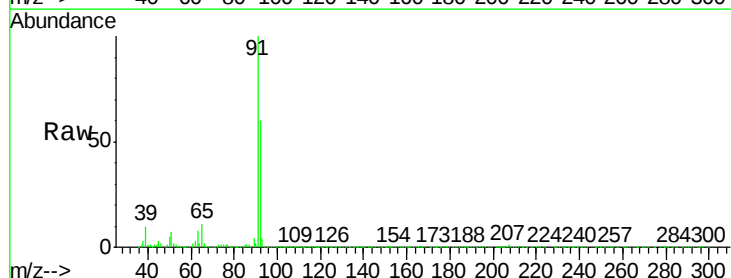
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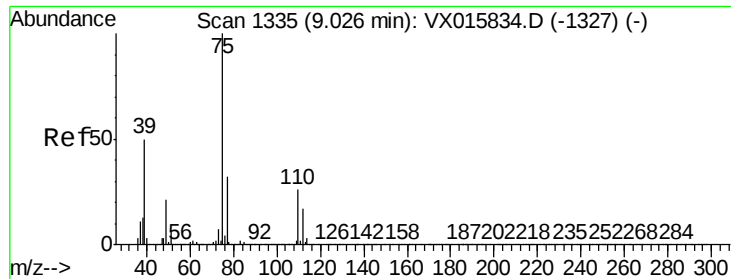
MMDadoda
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#52
Toluene
Concen: 19.997 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 92 Resp: 426417
Ion Ratio Lower Upper
92 100
91 165.0 133.4 200.0





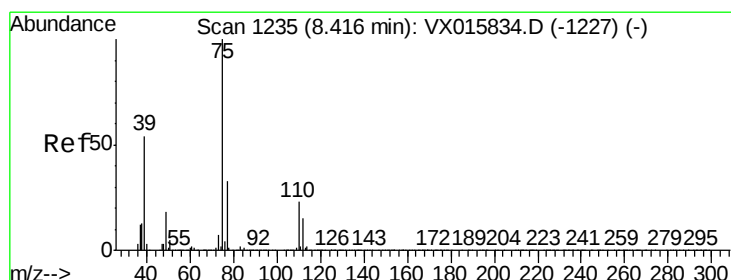
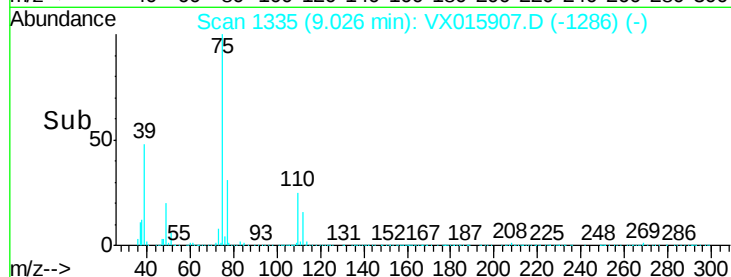
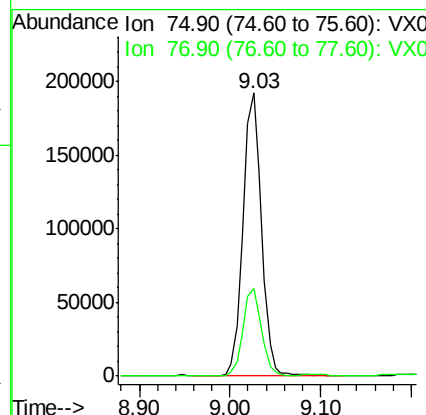
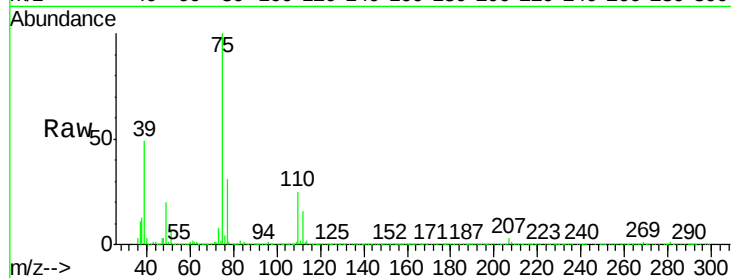
#53
t-1,3-Dichloropropene
Concen: 19.238 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
75	100	270256		
77	30.8	25.9	38.9	

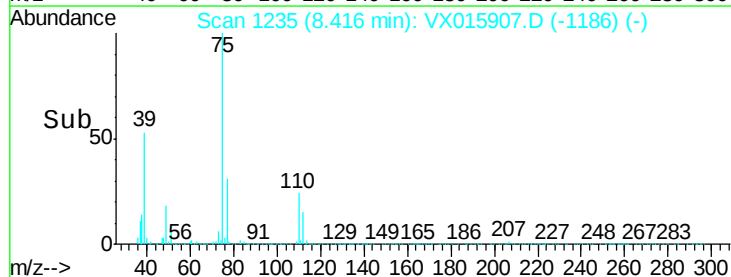
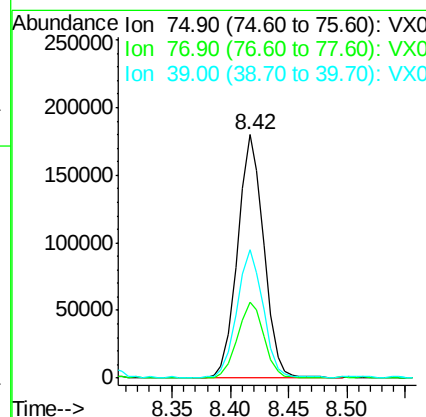
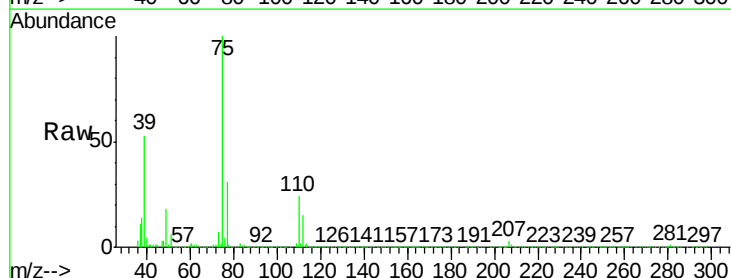
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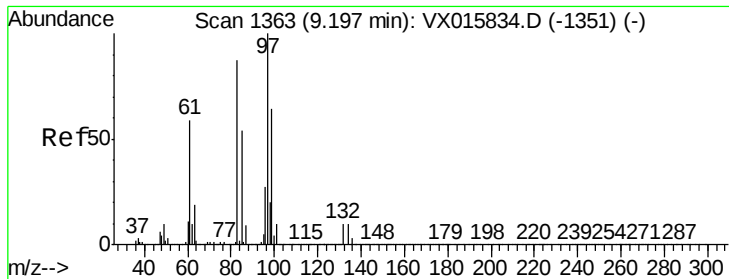
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#54
cis-1,3-Dichloropropene
Concen: 19.003 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	282145		
77	31.0	26.0	39.0	
39	52.5	42.8	64.2	





#55

1,1,2-Trichloroethane

Concen: 20.616 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

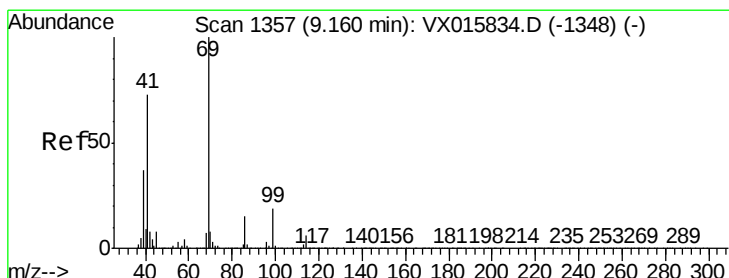
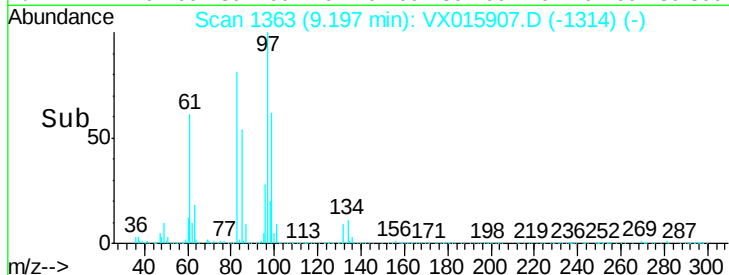
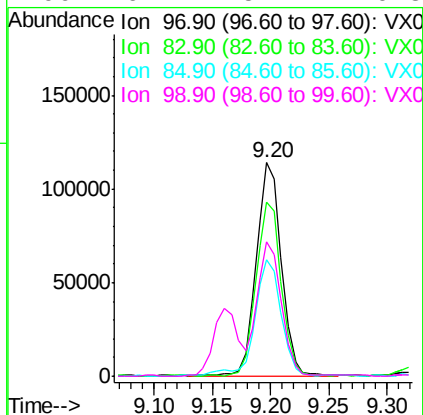
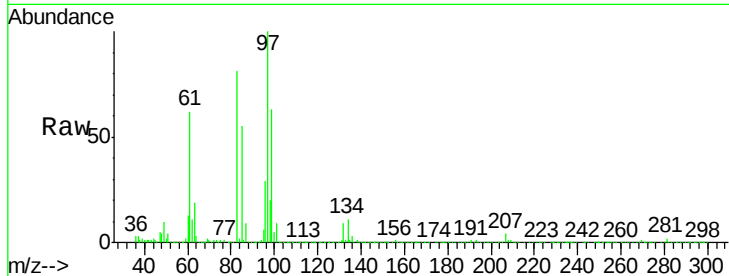
ClientSampleId :

VX0423WBSD02

Tot Ion:	97	Resp:	171660
Ion	Ratio	Lower	Upper
97	100		
83	81.1	69.8	104.8
85	54.3	43.4	65.2
99	62.4	51.2	76.8

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#56

Ethyl methacrylate

Concen: 19.210 ug/l

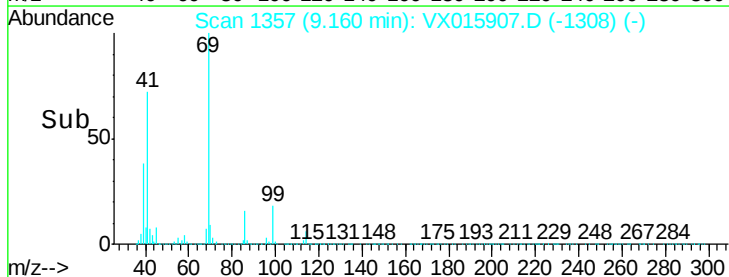
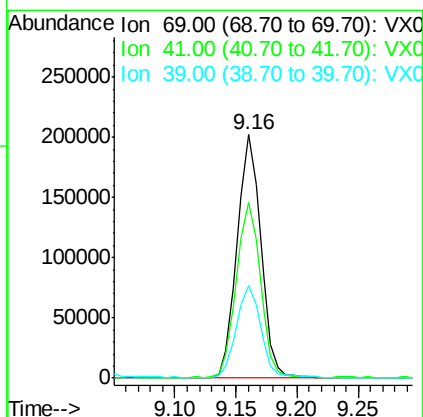
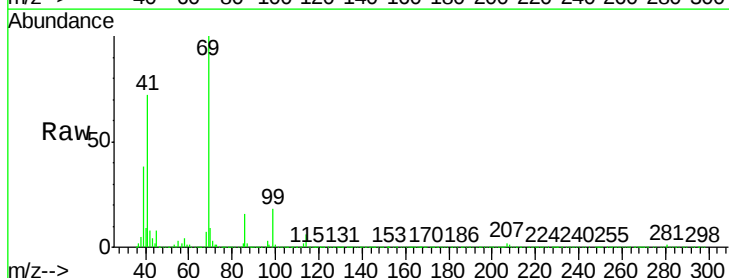
RT: 9.16 min Scan# 1357

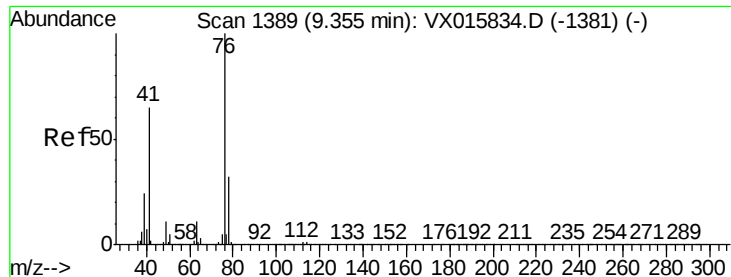
Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion:	69	Resp:	270936
Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.4	86.2
39	38.4	29.7	44.5





#57

1,3-Dichloropropane

Concen: 19.992 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion: 76 Resp: 289262

Ion Ratio Lower Upper

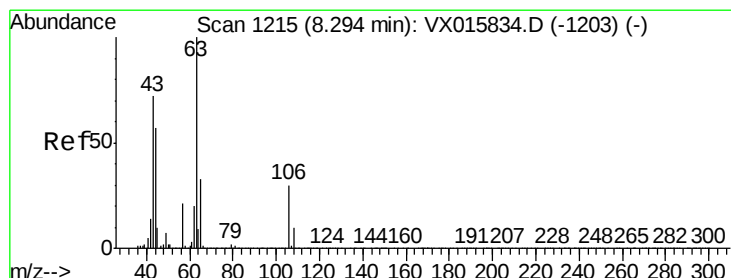
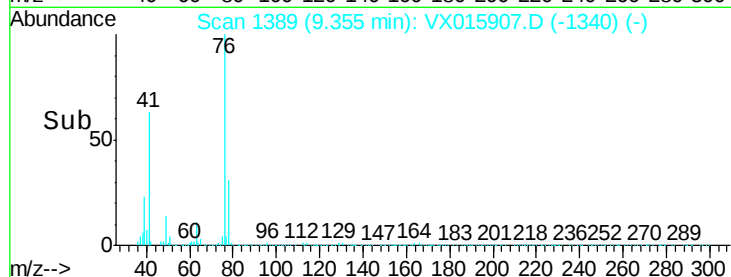
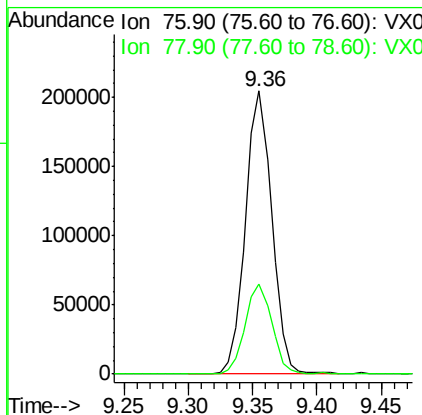
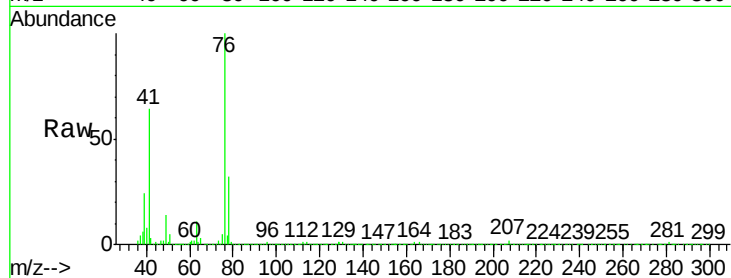
76 100

78 31.7 25.4 38.2

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#58

2-Chloroethyl Vinyl ether

Concen: 102.145 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015907.D

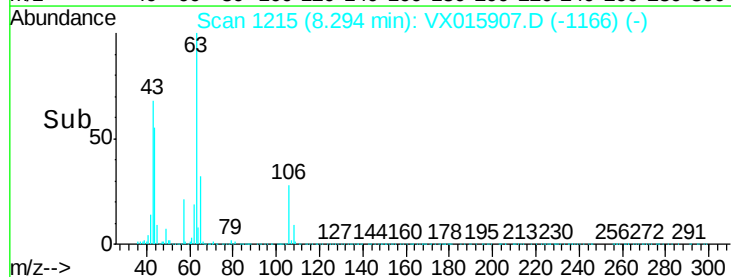
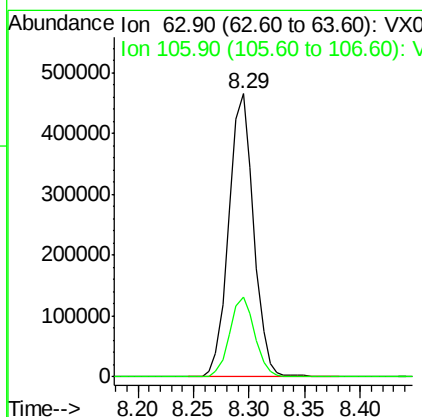
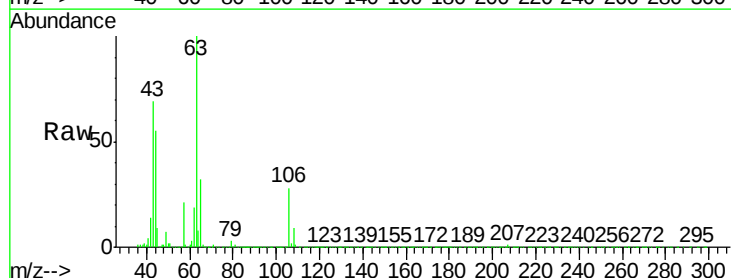
Acq: 23 Apr 2020 22:18

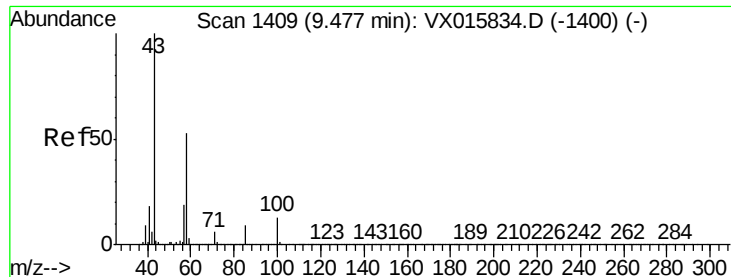
Tgt Ion: 63 Resp: 719674

Ion Ratio Lower Upper

63 100

106 28.4 23.8 35.8





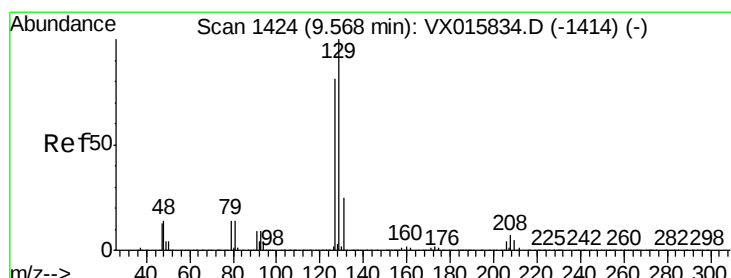
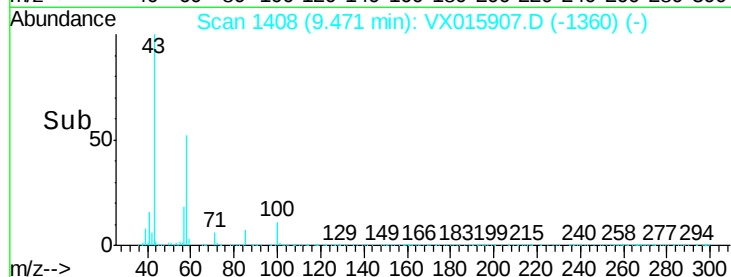
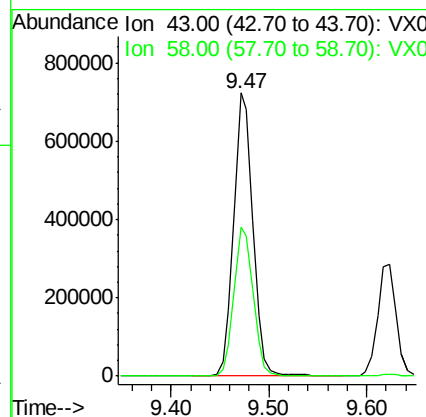
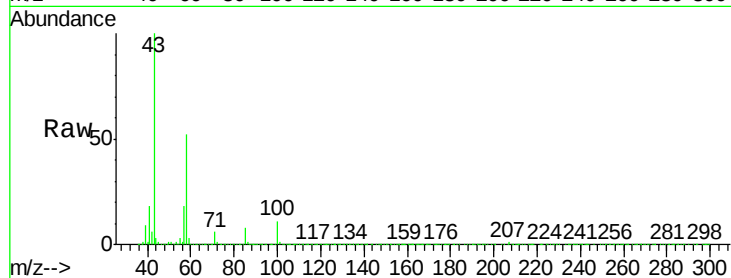
#59
2-Hexanone
Concen: 100.847 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion: 43 Resp: 983317
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.4

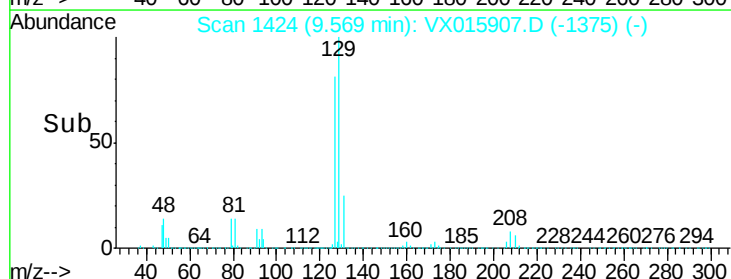
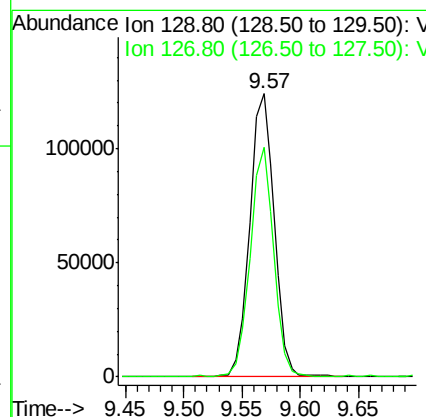
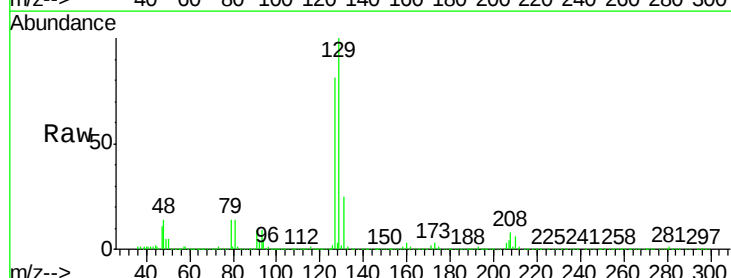
Manual Integrations
APPROVED

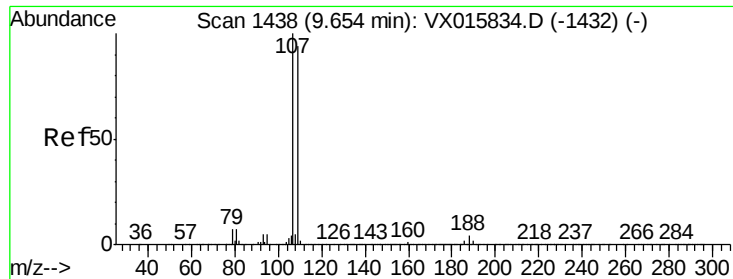
MMDadoda
4/24/2020 11:35:19 AM



#60
Dibromochloromethane
Concen: 21.168 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 129 Resp: 182014
Ion Ratio Lower Upper
129 100
127 77.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 19.421 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion: 107 Resp: 178725

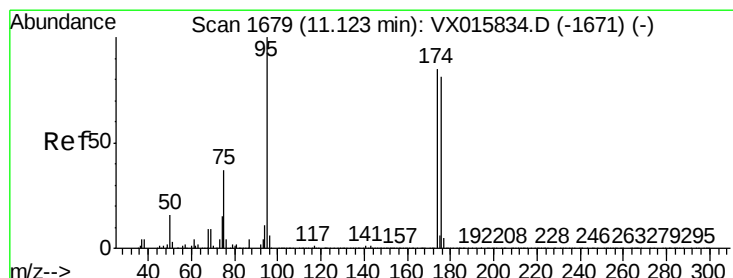
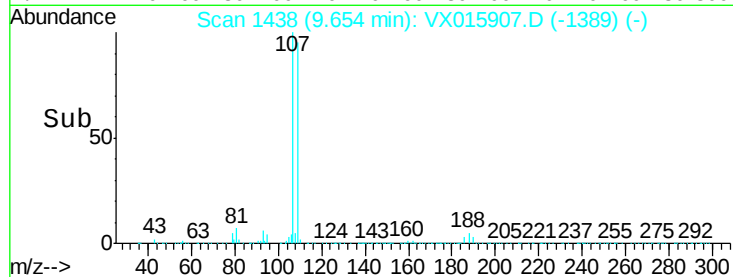
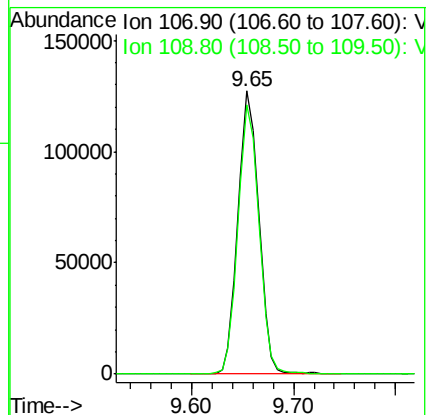
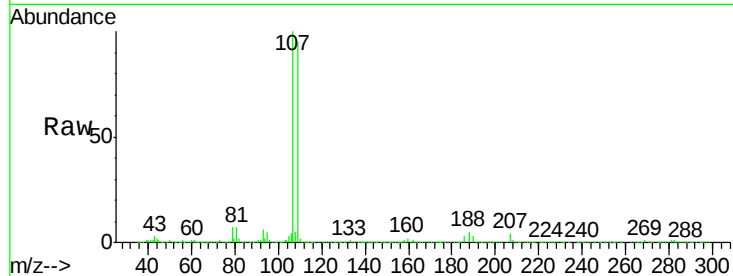
Ion Ratio Lower Upper

107 100

109 95.6 75.4 113.0

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:19 AM



#62

4-Bromofluorobenzene

Concen: 47.831 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

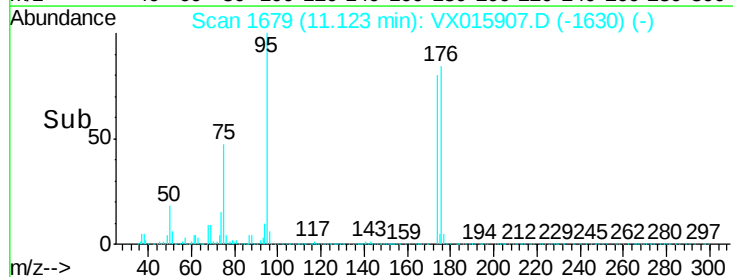
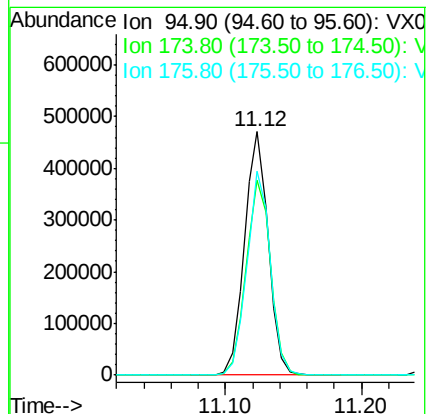
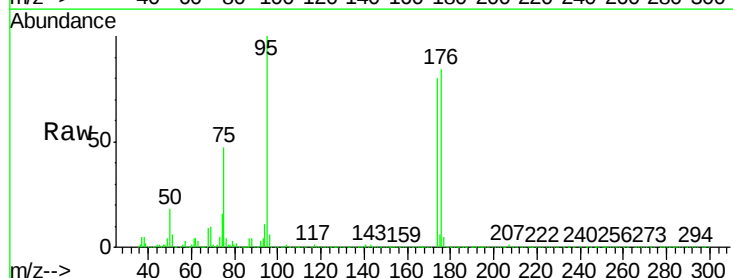
Tgt Ion: 95 Resp: 568083

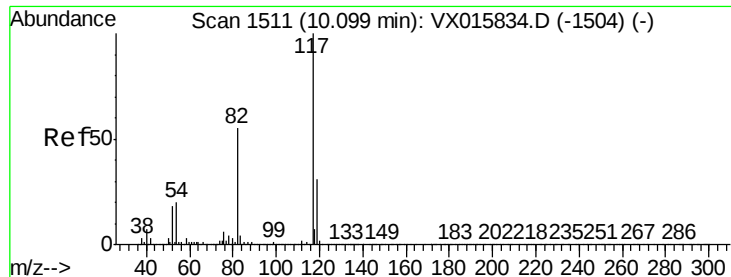
Ion Ratio Lower Upper

95 100

174 83.6 0.0 172.4

176 83.5 0.0 167.0





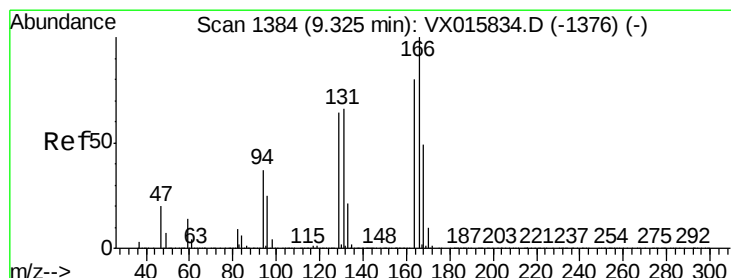
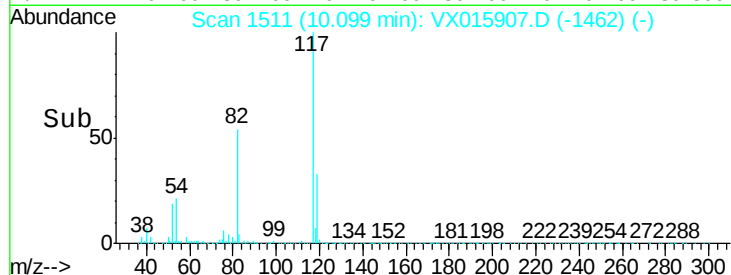
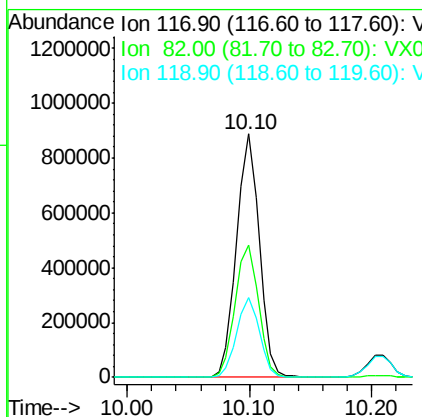
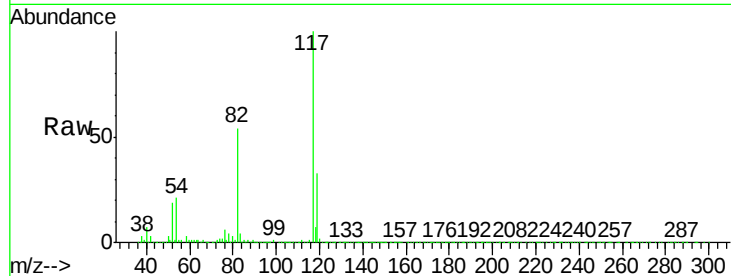
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.9	65.9
119	32.7	25.1	37.7

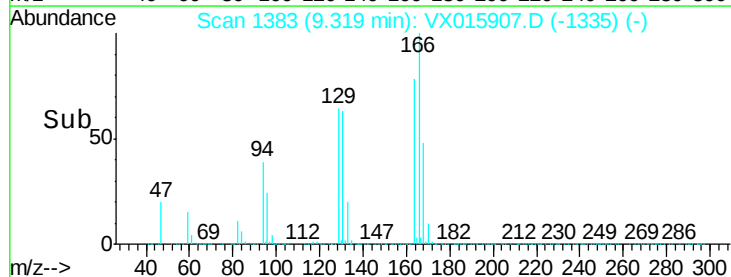
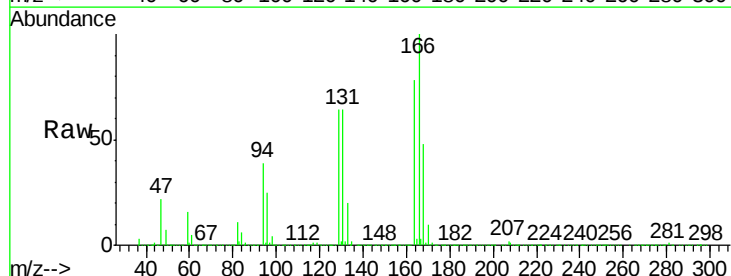
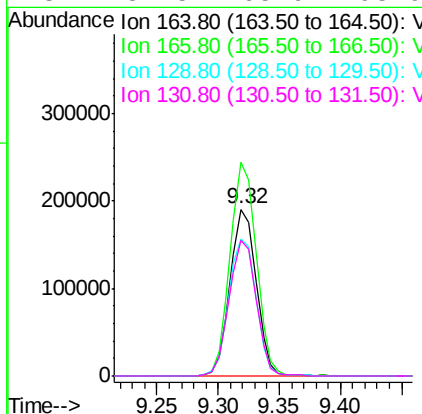
Manual Integrations
APPROVED

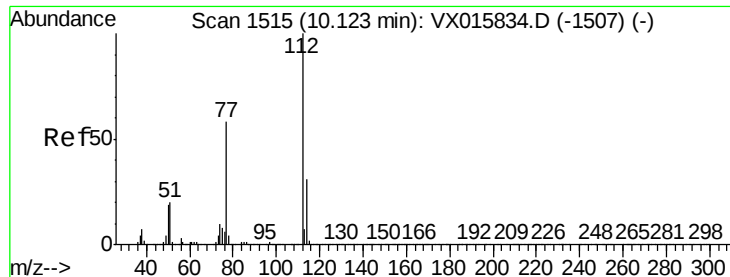
MMDadoda
4/24/2020 11:35:19 AM



#64
Tetrachloroethene
Concen: 18.282 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	100.2	150.2
129	82.3	64.5	96.7
131	81.5	65.9	98.9





#65

Chlorobenzene

Concen: 19.977 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion:112 Resp: 457202

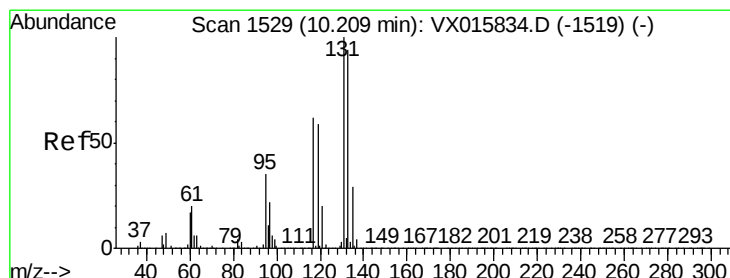
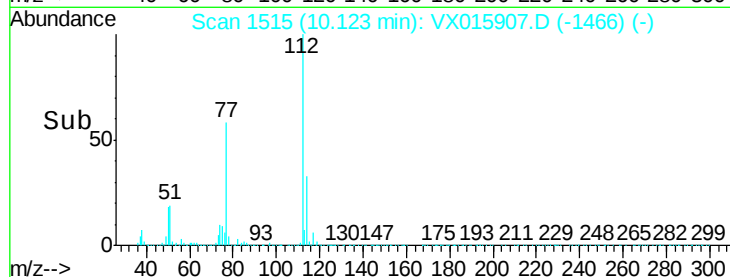
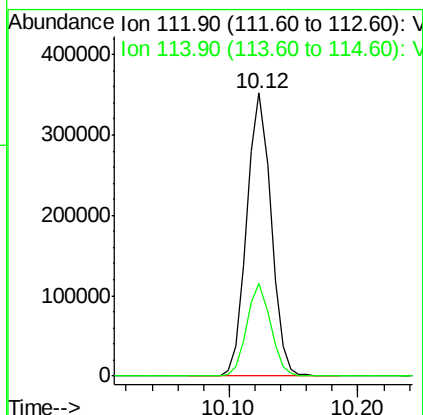
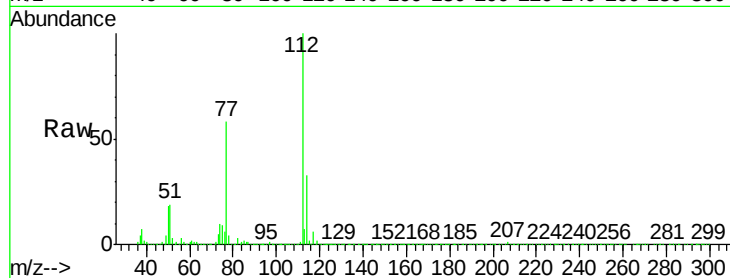
Ion Ratio Lower Upper

112 100

114 32.5 25.0 37.4

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.592 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

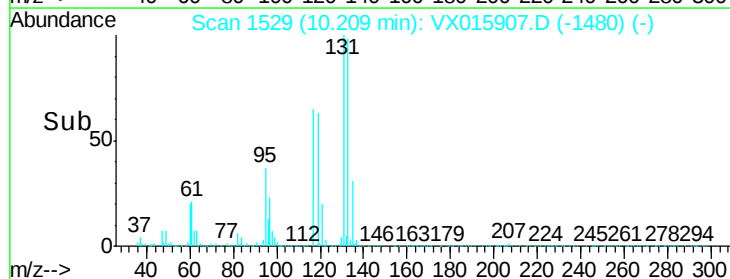
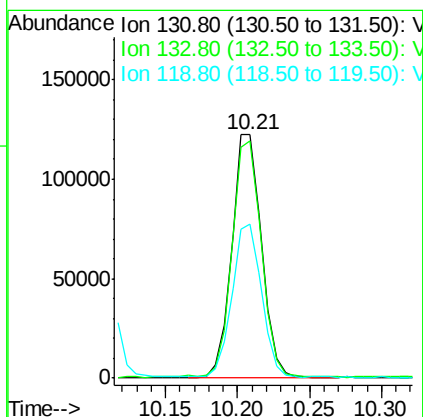
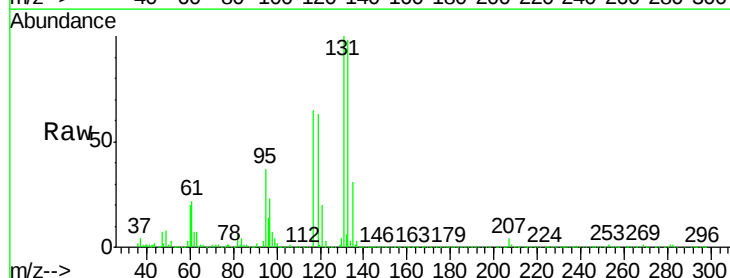
Tgt Ion:131 Resp: 176160

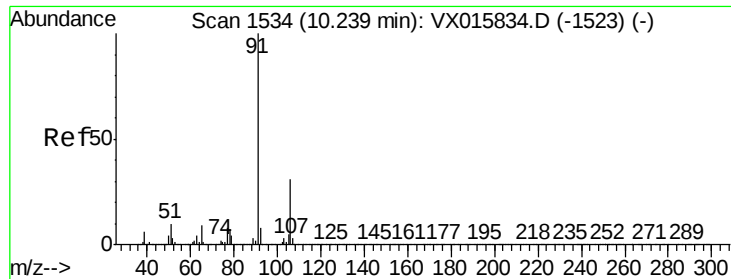
Ion Ratio Lower Upper

131 100

133 96.0 47.0 141.2

119 62.6 30.9 92.8





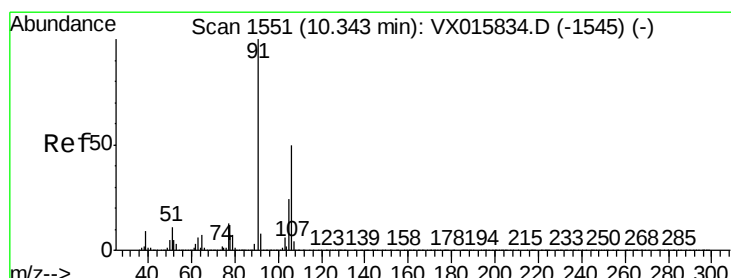
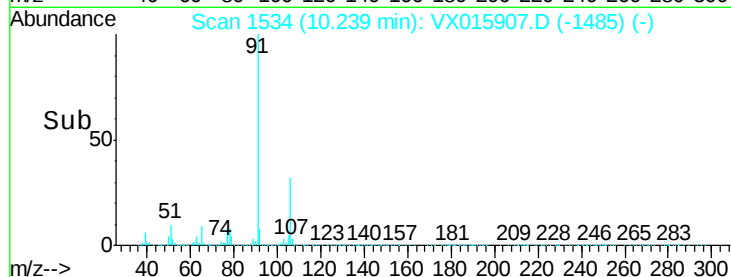
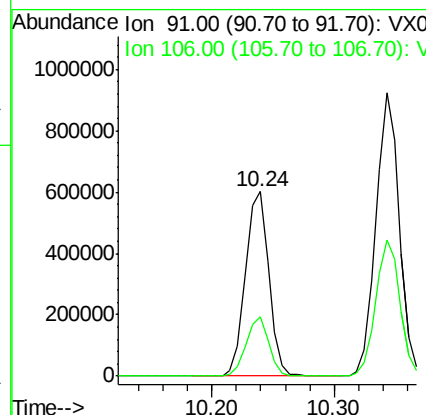
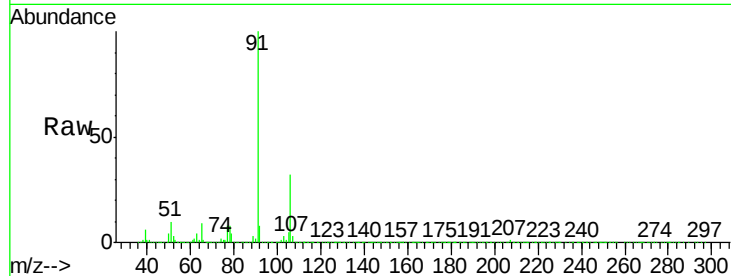
#67
Ethyl Benzene
Concen: 19.760 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion: 91 Resp: 794170
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.4

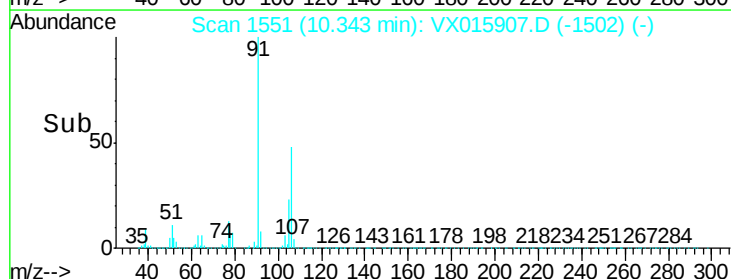
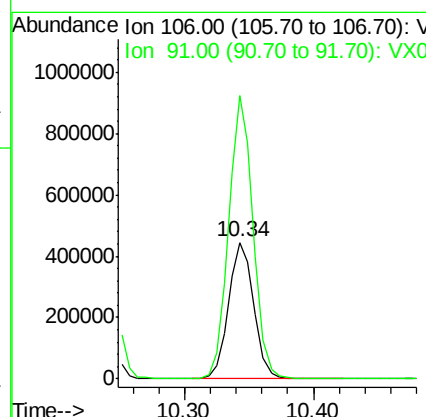
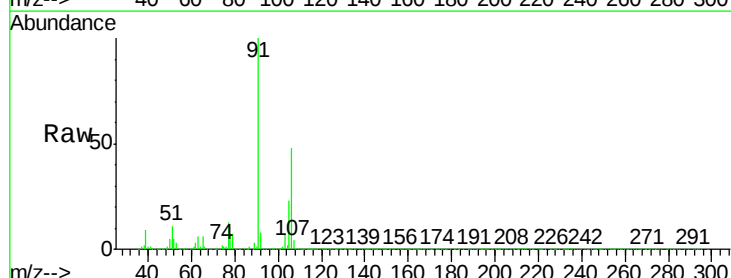
Manual Integrations
APPROVED

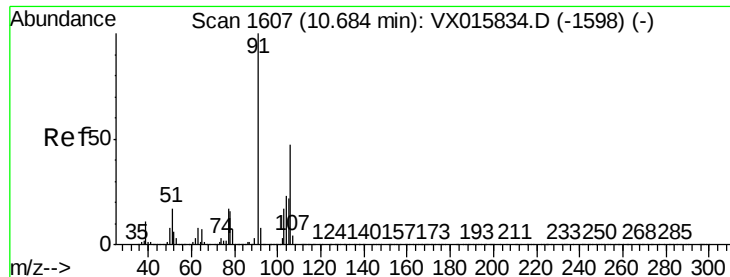
MMDadoda
4/24/2020 11:35:19 AM



#68
m/p-Xylenes
Concen: 40.215 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion: 106 Resp: 606663
Ion Ratio Lower Upper
106 100
91 201.9 161.1 241.7





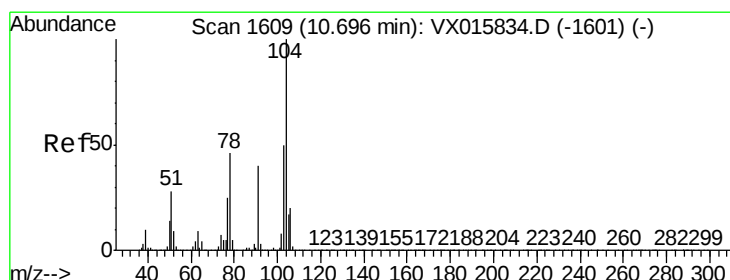
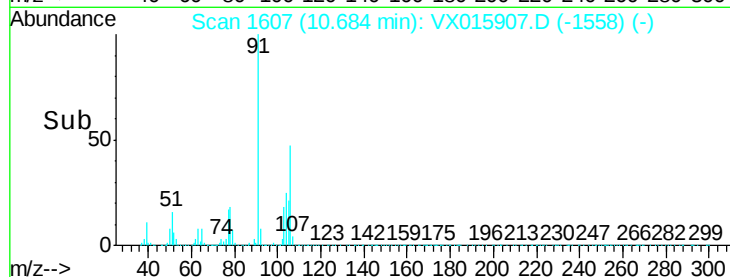
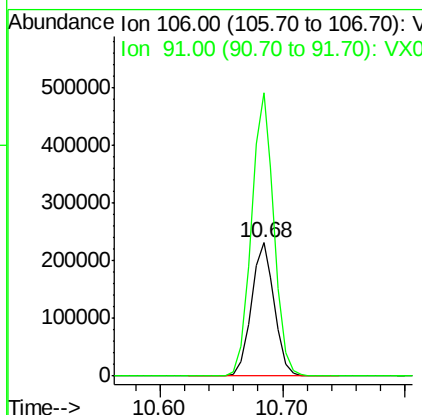
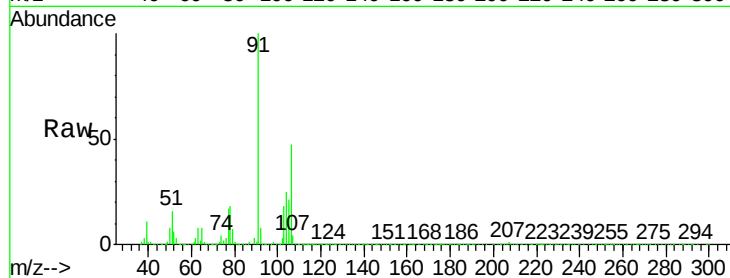
#69
o-Xylene
Concen: 20.284 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	301116		
91	208.1	107.1	321.3	

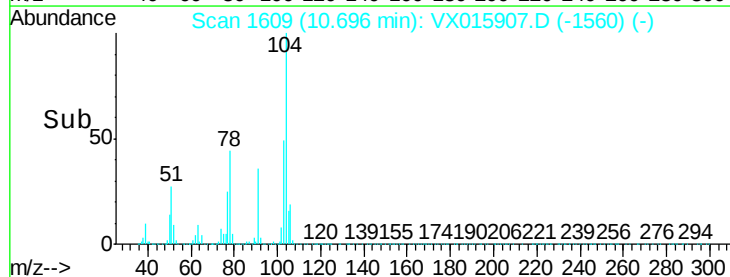
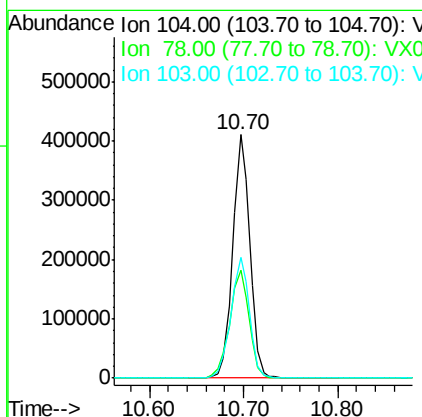
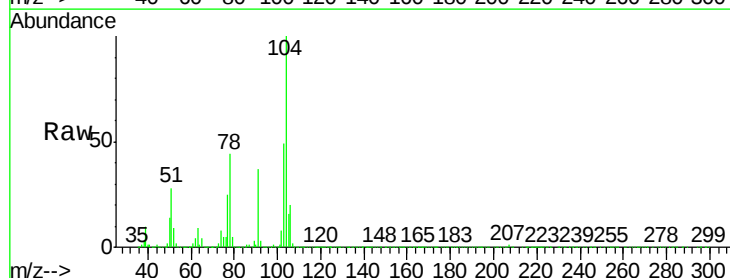
Manual Integrations
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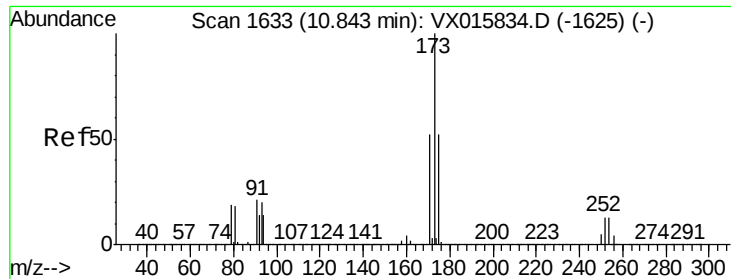
MMDadoda
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#70
Styrene
Concen: 20.109 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	516886		
78	50.0	40.1	60.1	
103	53.7	43.3	64.9	





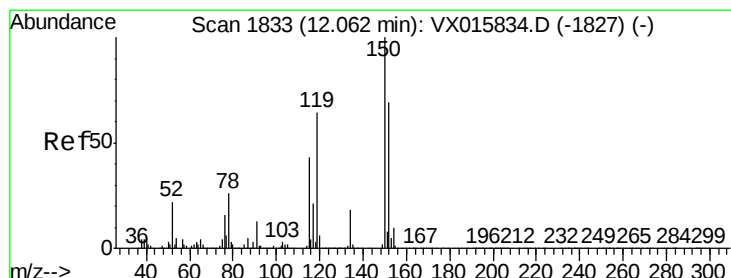
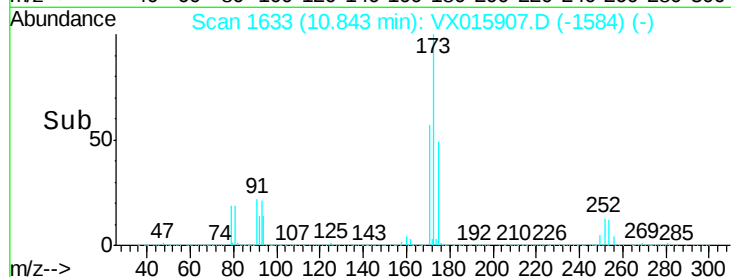
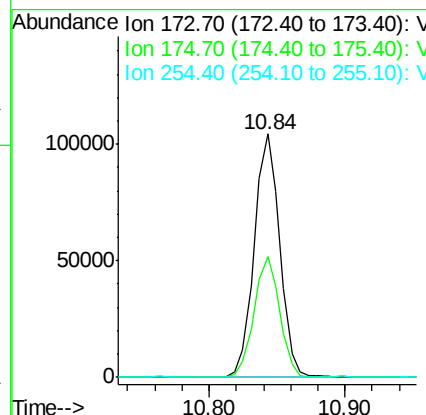
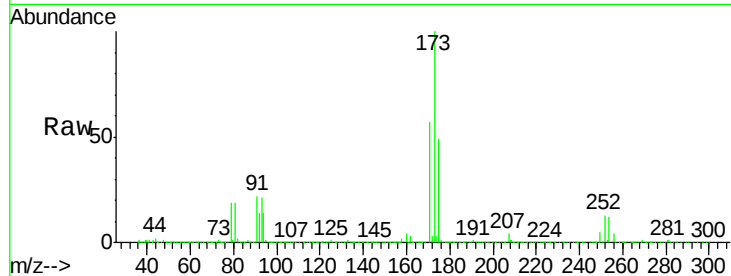
#71
Bromoform
Concen: 24.650 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	25.1	75.4
254	0.2	0.3	0.5

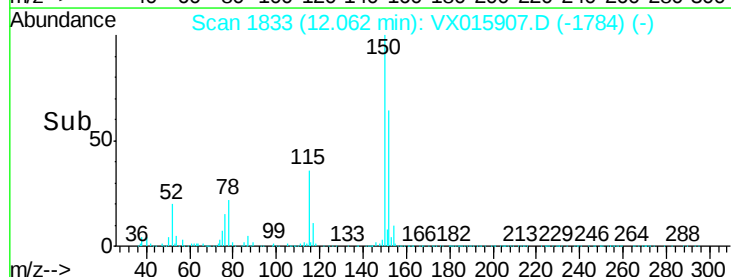
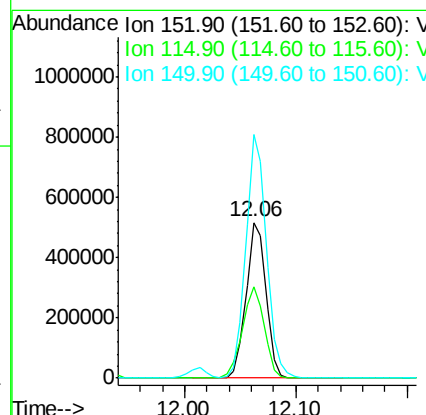
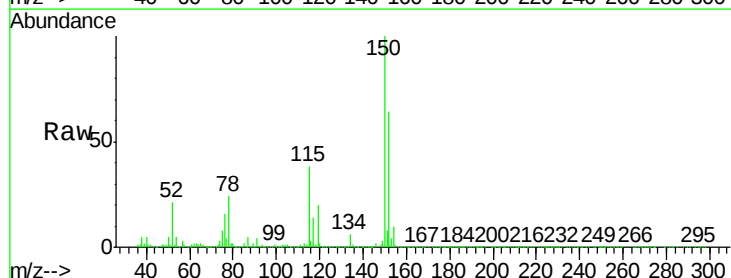
Manual Integrations
APPROVED

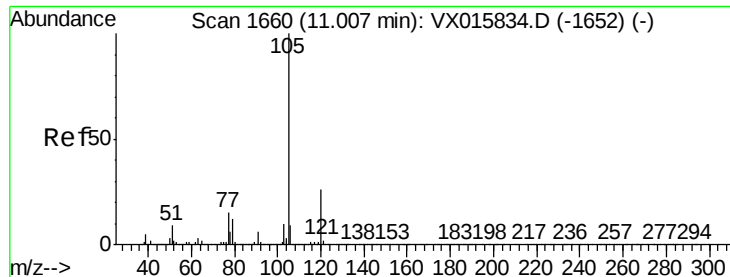
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	39.0	116.9
150	162.4	0.0	336.8





#73

Isopropylbenzene

Concen: 19.559 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion: 105 Resp: 793169

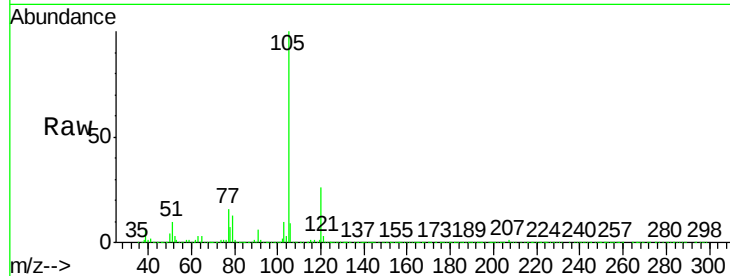
Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1

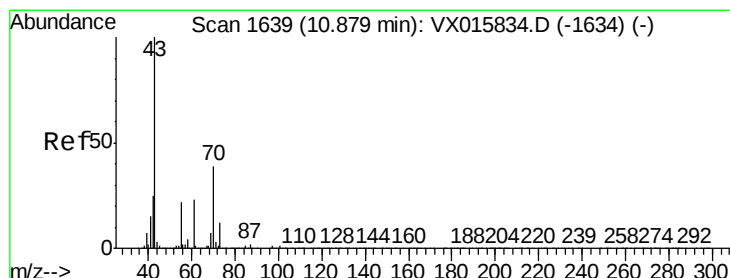
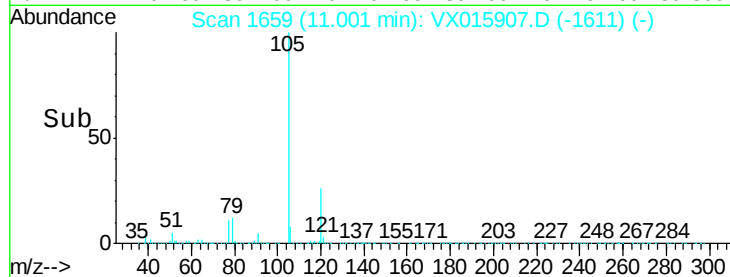
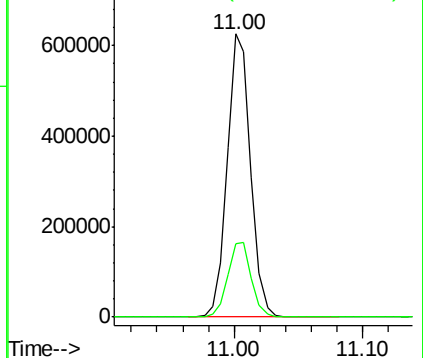
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.332 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion: 43 Resp: 383793

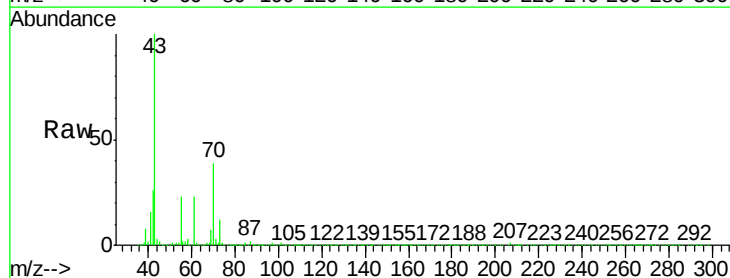
Ion Ratio Lower Upper

43 100

70 40.8 32.6 49.0

55 23.0 18.3 27.5

61 24.3 18.7 28.1

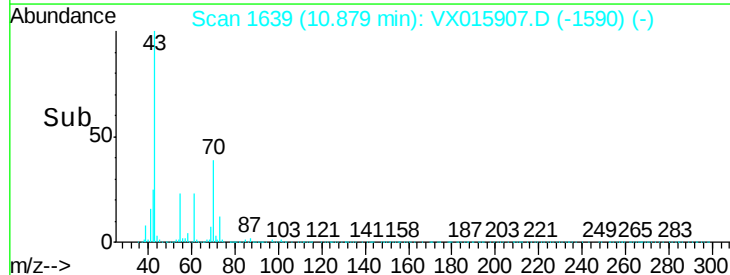
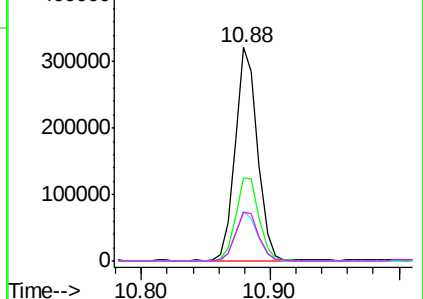


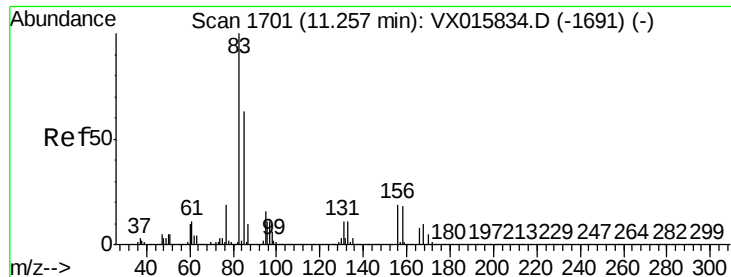
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.912 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

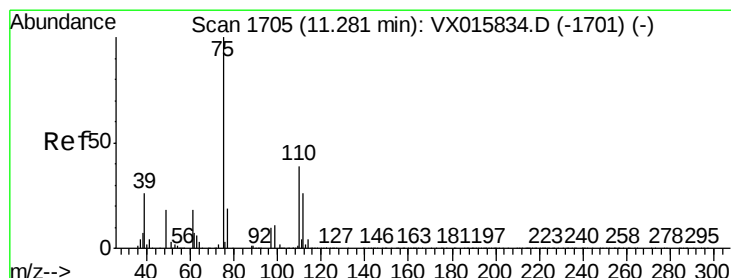
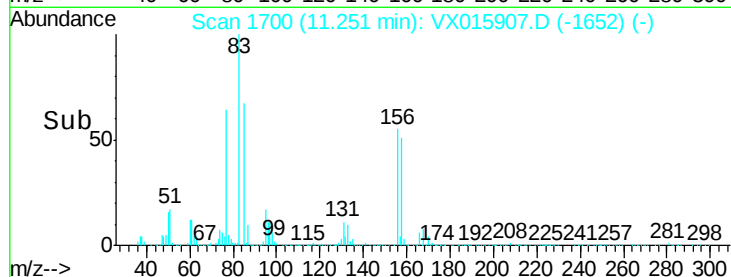
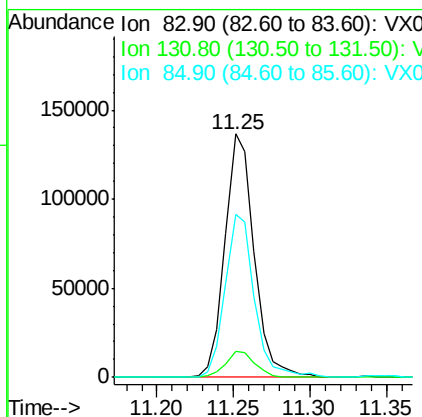
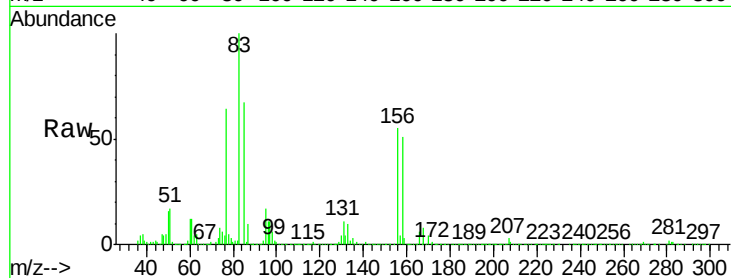
ClientSampleId :

VX0423WBSD02

Tot Ion:	83	Resp:	179475
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	67.3	32.4	97.0

Manual Integrations
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4/24/2020 11:35:19 AM



#76

1,2,3-Trichloropropane

Concen: 19.581 ug/l m

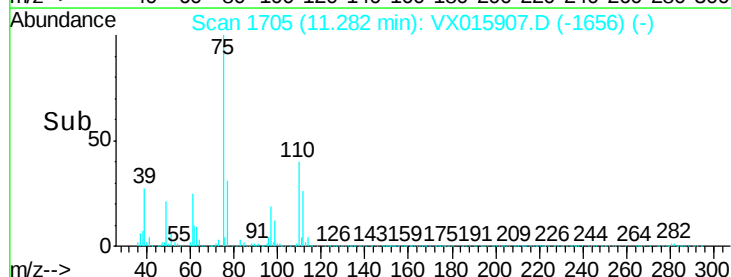
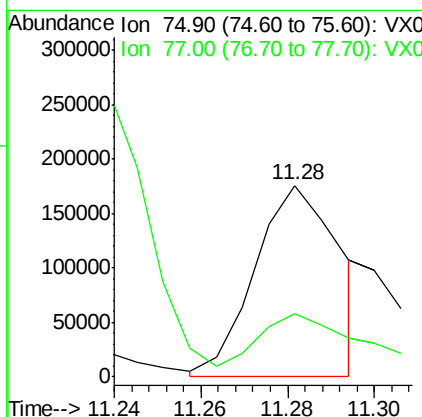
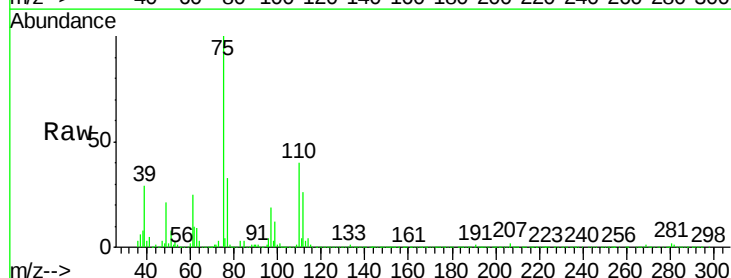
RT: 11.28 min Scan# 1705

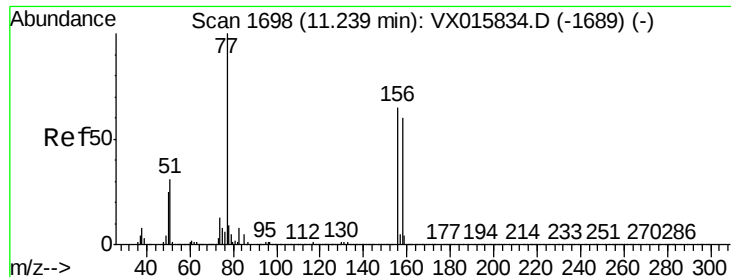
Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion:	75	Resp:	237754
Ion Ratio	Lower	Upper	
75	100		
77	42.0	21.3	63.9





#77

Bromobenzene

Concen: 19.737 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

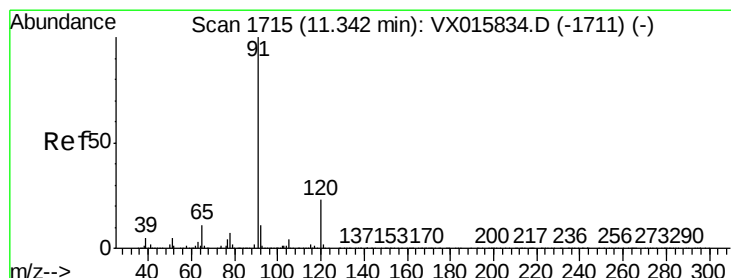
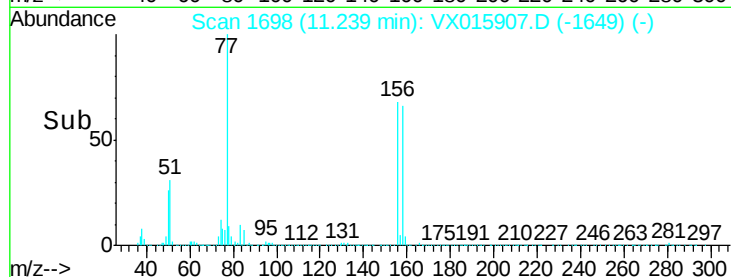
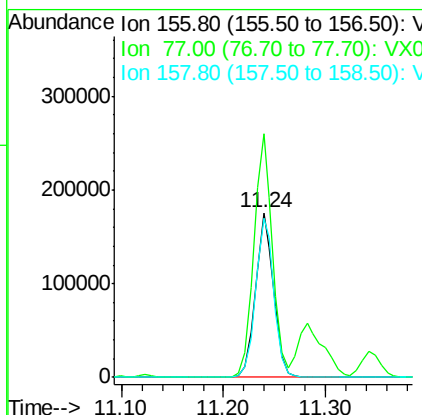
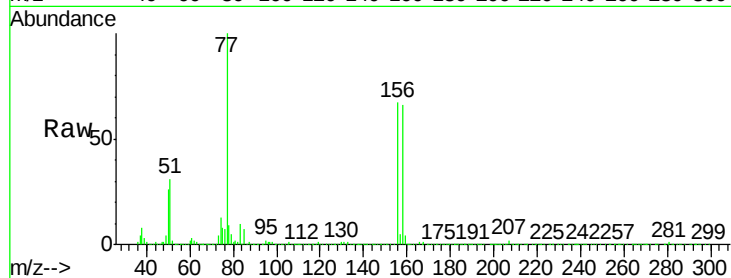
ClientSampleId :

VX0423WBSD02

Tot Ion:	156	Resp:	218693
Ion Ratio	Lower	Upper	
156	100		
77	151.4	75.2	225.6
158	98.4	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.538 ug/l

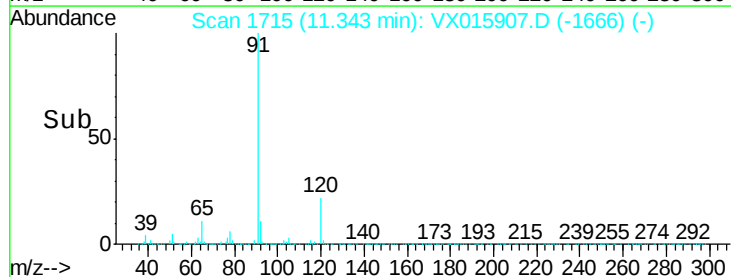
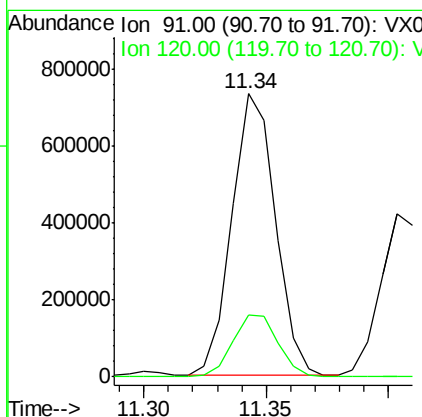
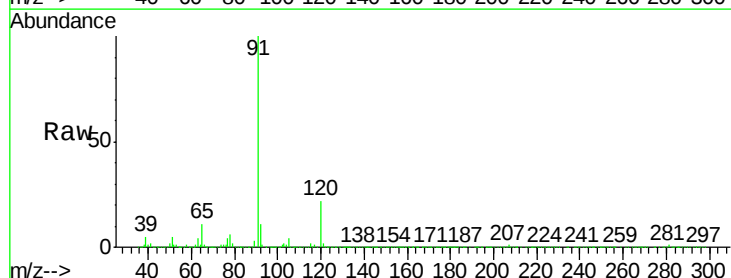
RT: 11.34 min Scan# 1715

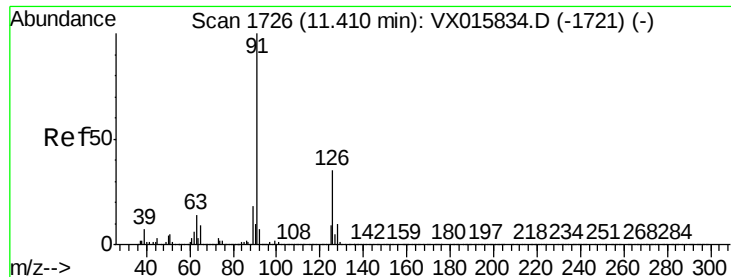
Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion:	91	Resp:	907666
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.1





#79

2-Chlorotoluene

Concen: 19.251 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion: 91 Resp: 537203

Ion Ratio Lower Upper

91 100

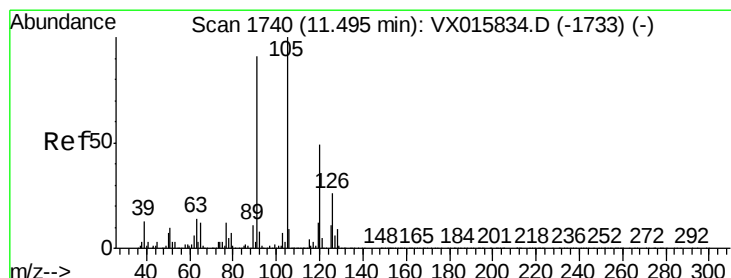
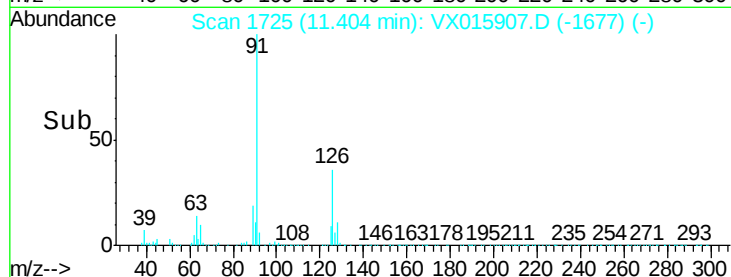
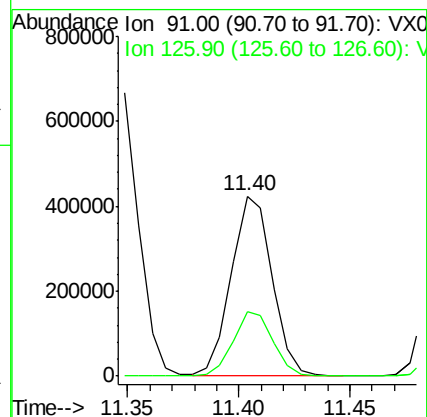
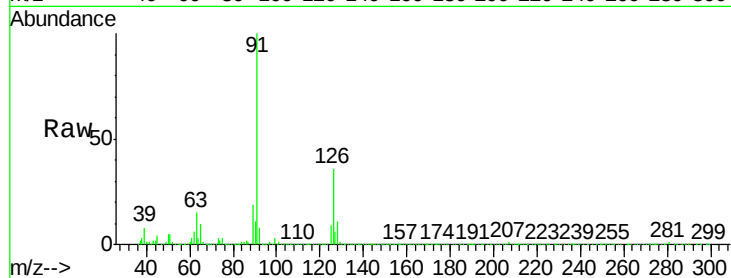
126 35.5 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.466 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015907.D

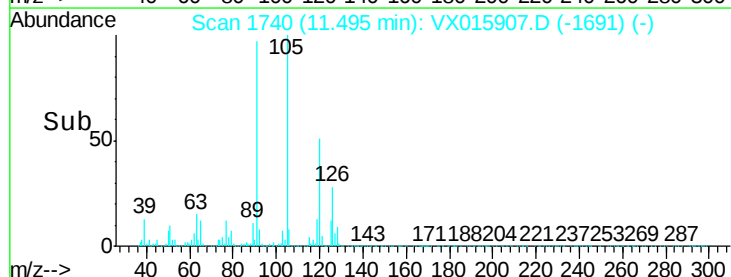
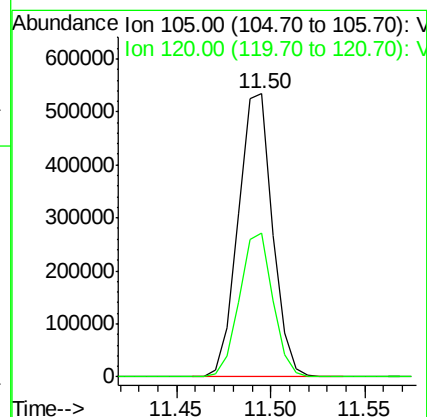
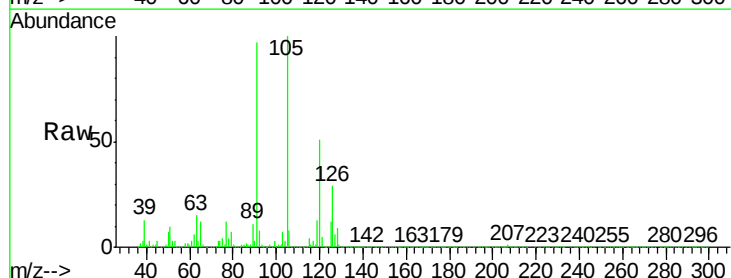
Acq: 23 Apr 2020 22:18

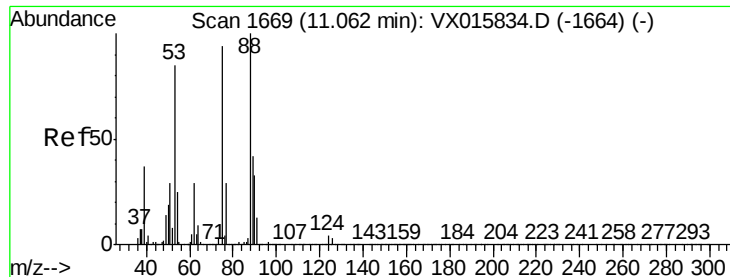
Tgt Ion: 105 Resp: 673107

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 17.527 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

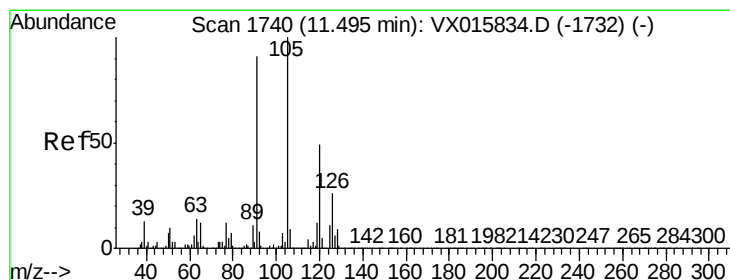
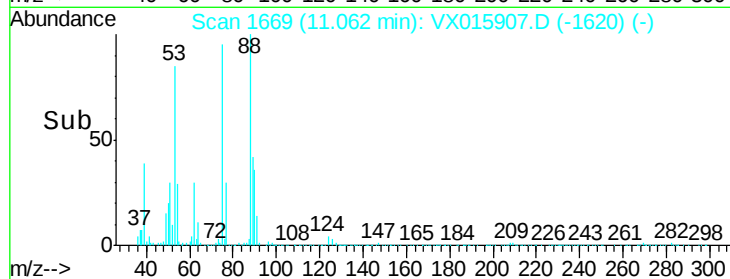
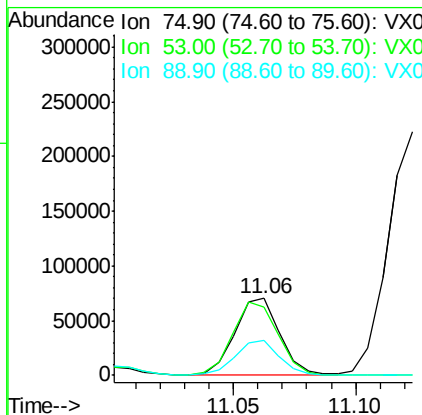
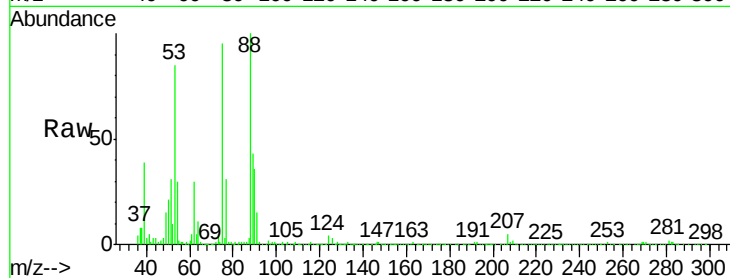
ClientSampleId :

VX0423WBSD02

Tot Ion:	75	Resp:	88469
Ion	Ratio	Lower	Upper
75	100		
53	96.0	74.2	111.2
89	44.9	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.355 ug/l

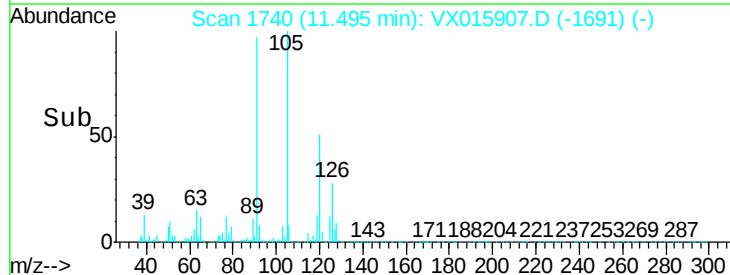
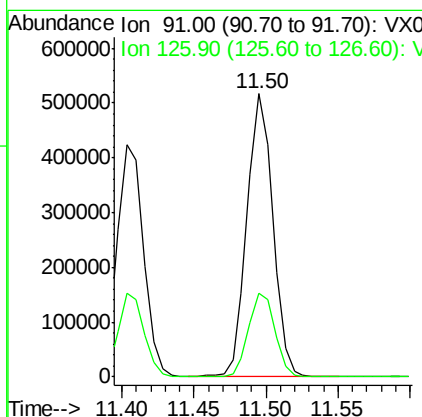
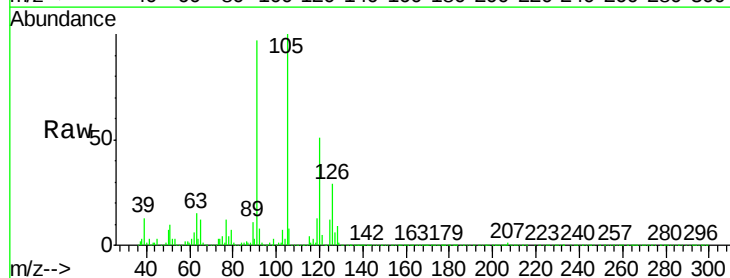
RT: 11.50 min Scan# 1740

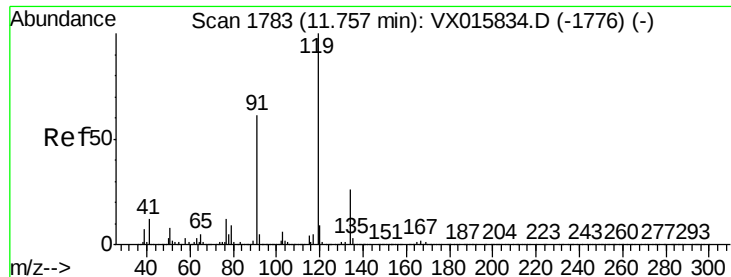
Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Tgt Ion:	91	Resp:	641797
Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.0	45.0





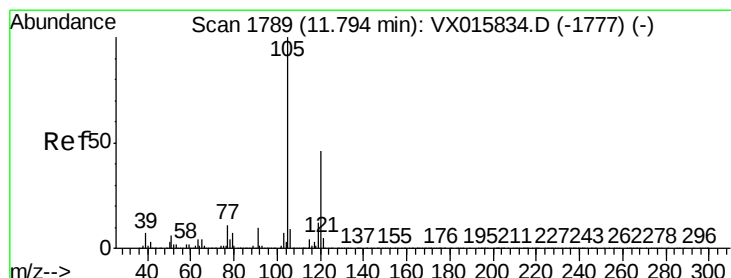
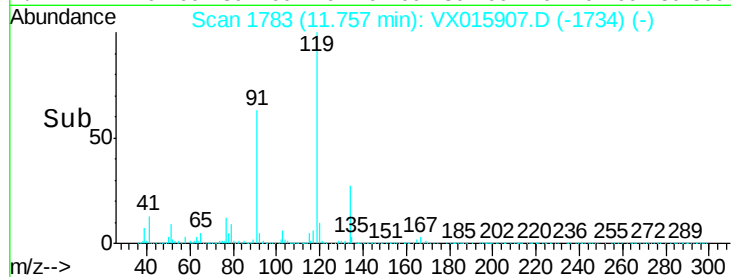
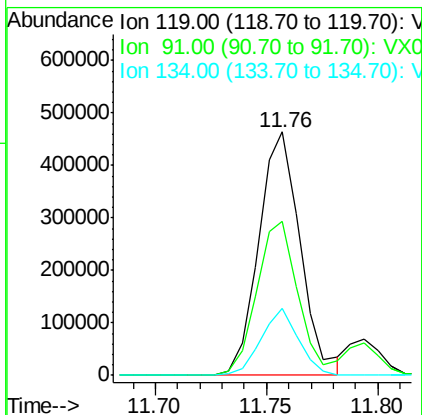
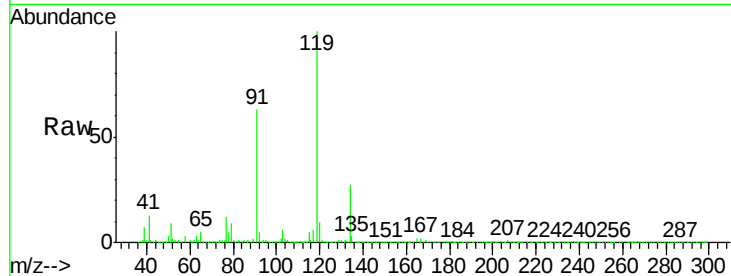
#83
tert-Butylbenzene
Concen: 19.568 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	600198		
91	62.3	30.9	92.7	
134	24.9	12.4	37.2	

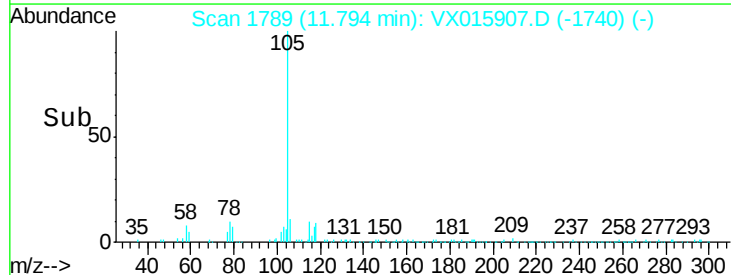
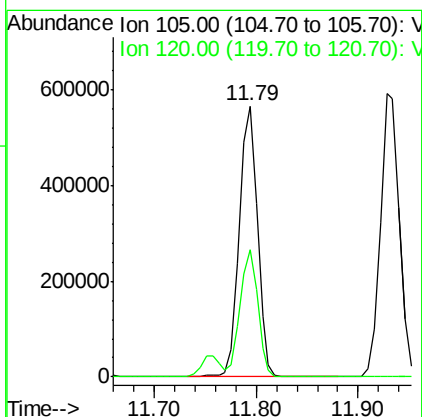
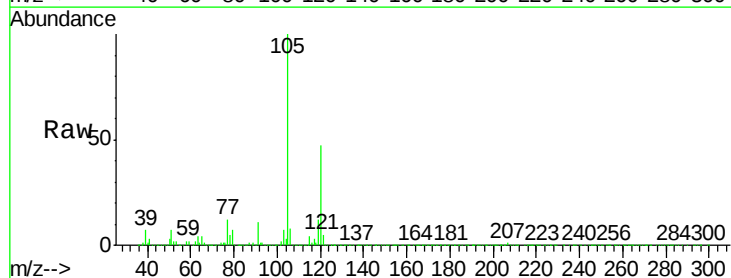
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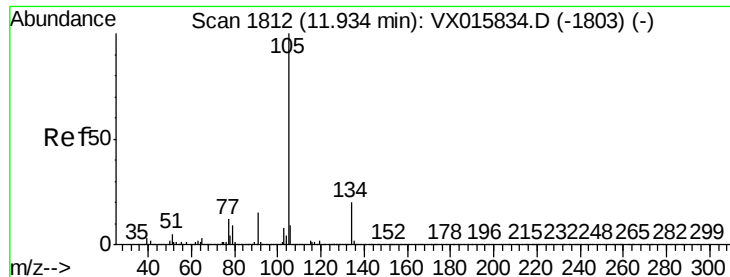
MMDadoda
4/24/2020 11:35:19 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.314 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	693360		
120	46.0	22.9	68.7	





#85

sec-Butylbenzene

Concen: 19.134 ug/l

RT: 11.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD02

Tot Ion:105 Resp: 773670

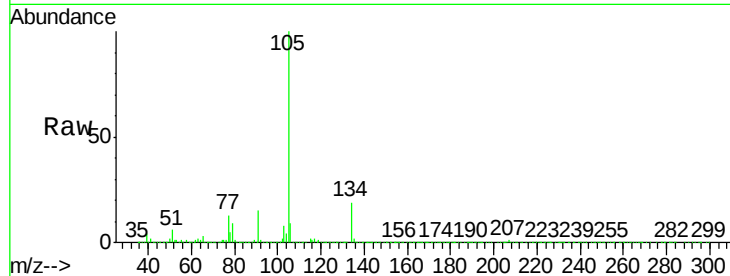
Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8

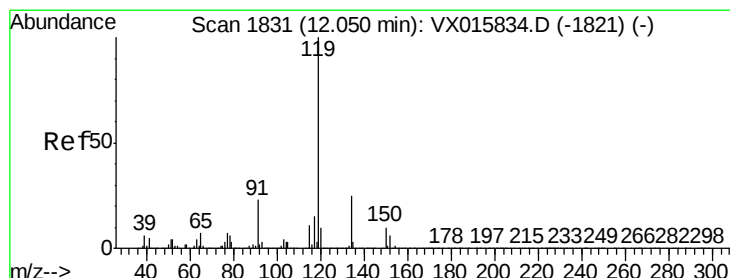
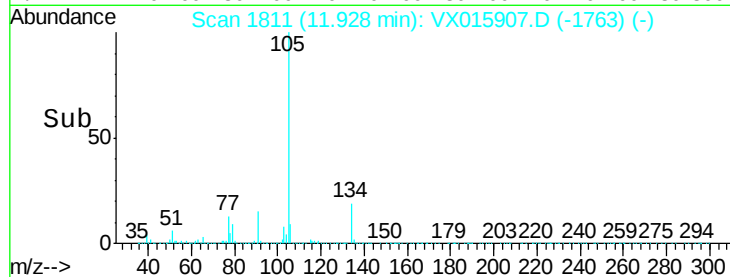
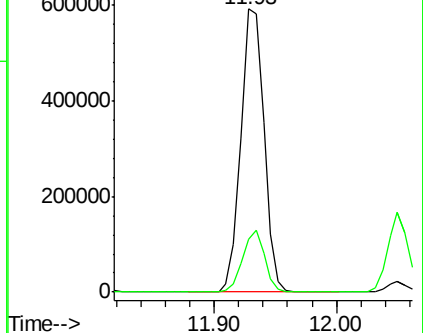
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.343 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015907.D

Acq: 23 Apr 2020 22:18

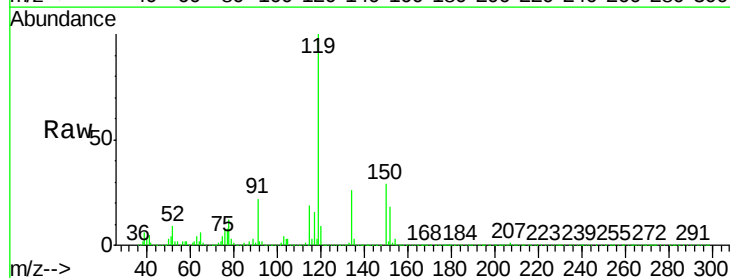
Tgt Ion:119 Resp: 731328

Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

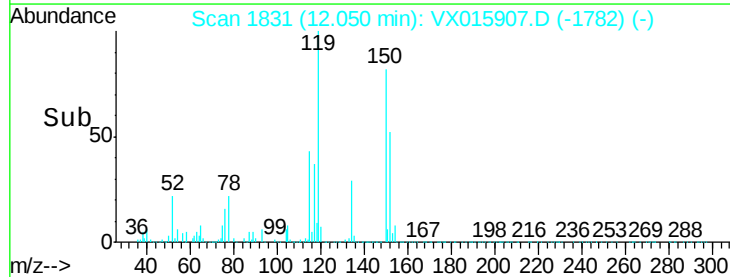
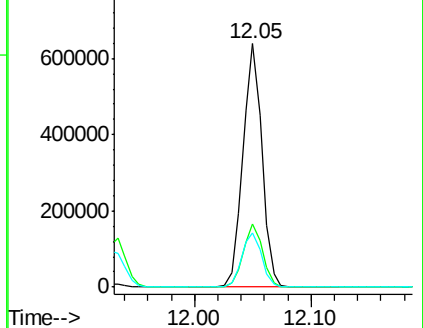
91 23.4 11.5 34.5

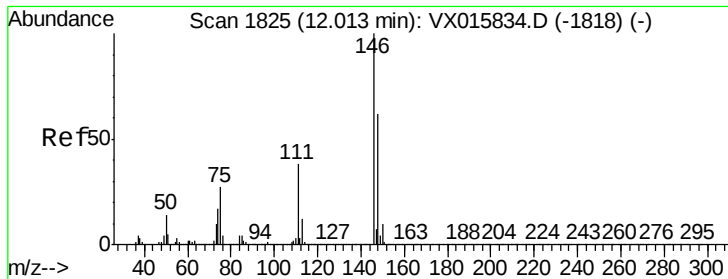


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





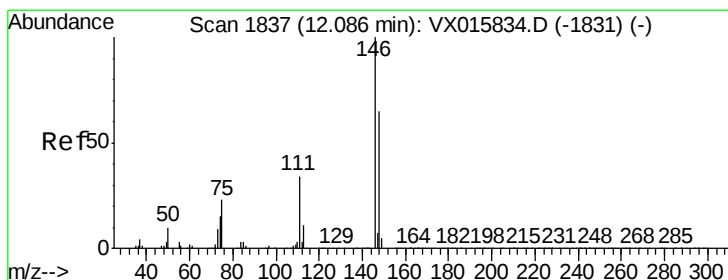
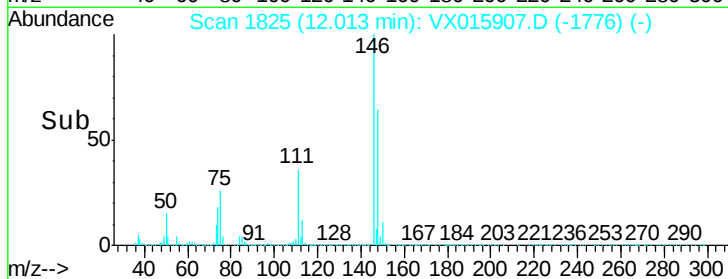
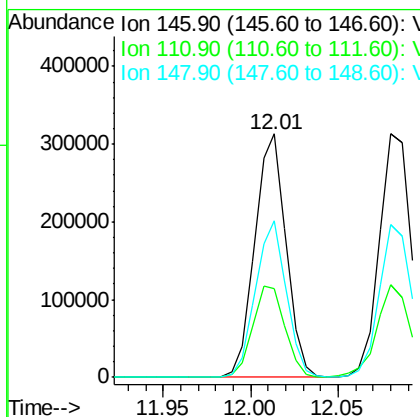
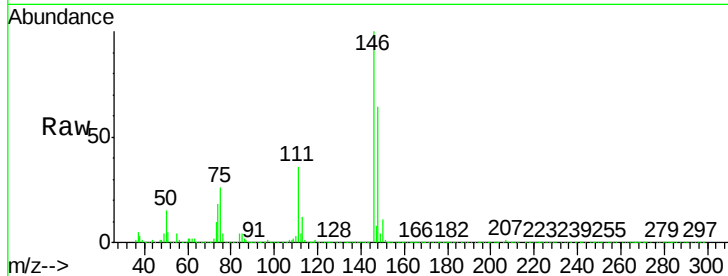
#87
 1,3-Dichlorobenzene
 Concen: 19.081 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	388098		
111	38.8	19.1	57.1	
148	63.8	30.9	92.7	

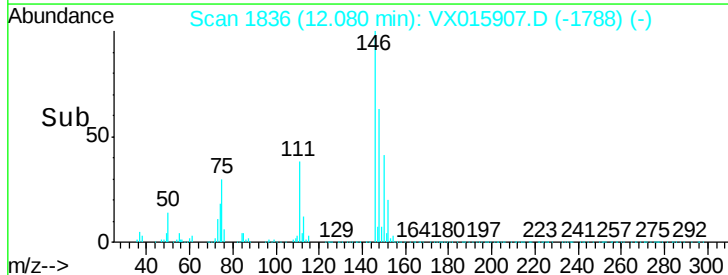
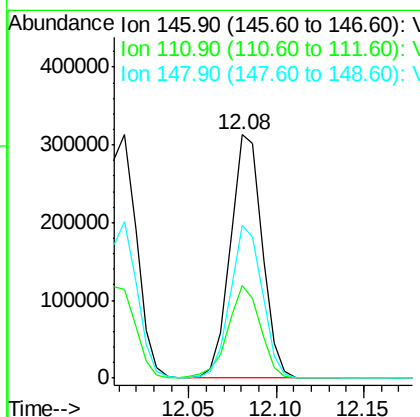
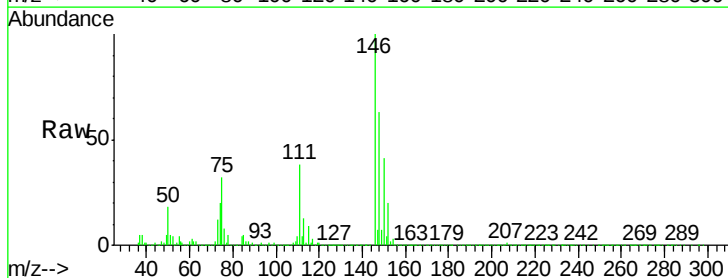
Manual Integrations
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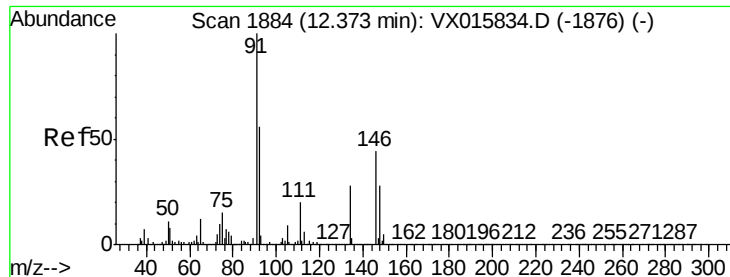
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 4/24/2020 11:35:19 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.403 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395053		
111	38.6	19.4	58.2	
148	63.2	33.8	101.4	





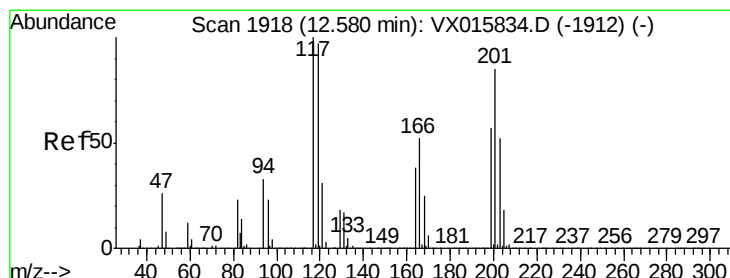
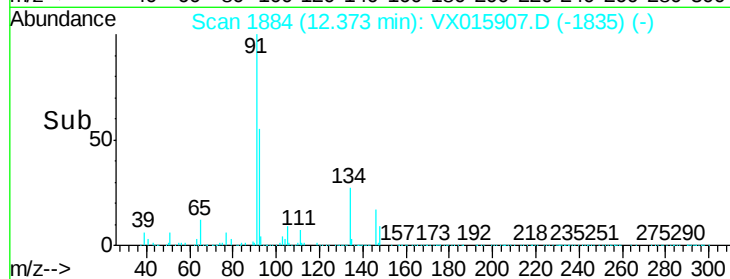
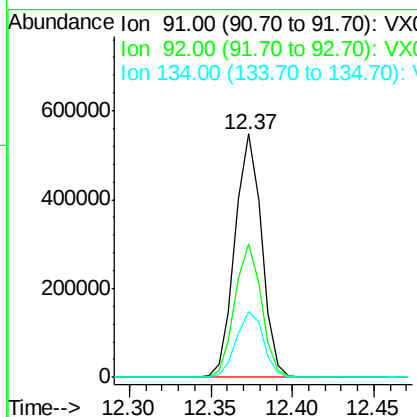
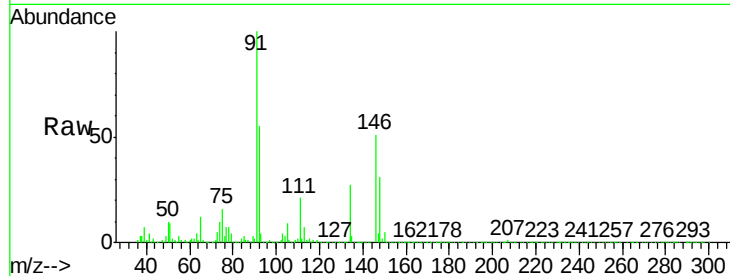
#89
n-Butylbenzene
Concen: 18.433 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.7	83.1
134	27.5	14.1	42.4

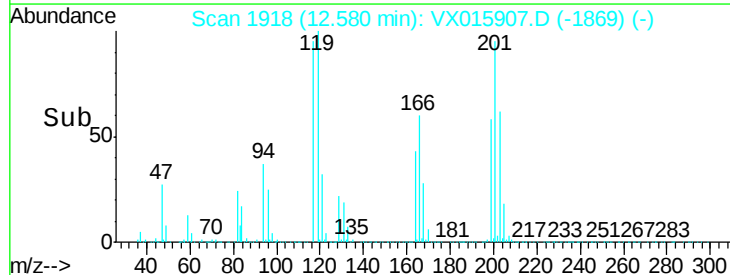
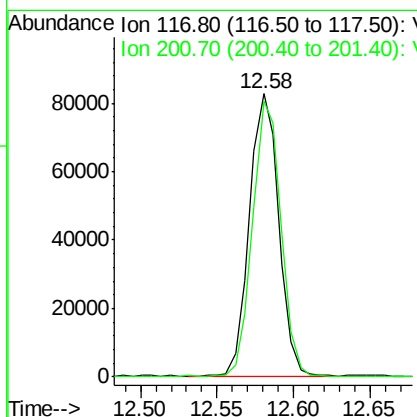
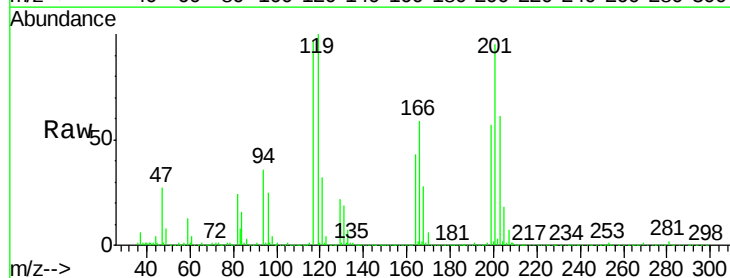
Manual Integrations
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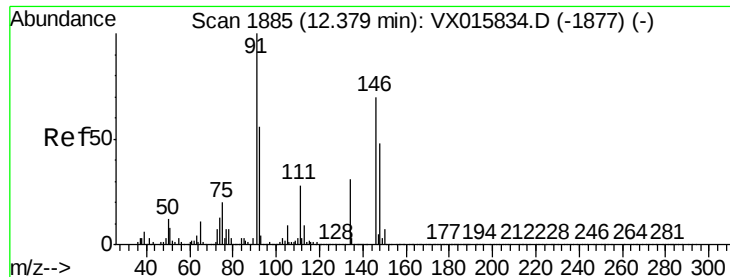
MMDadoda
4/24/2020 11:35:19 AM



#90
Hexachloroethane
Concen: 27.517 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	45.6	136.9





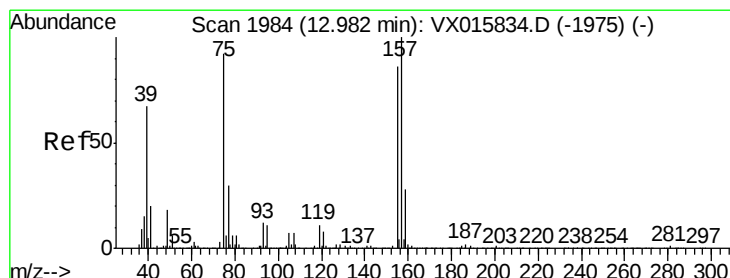
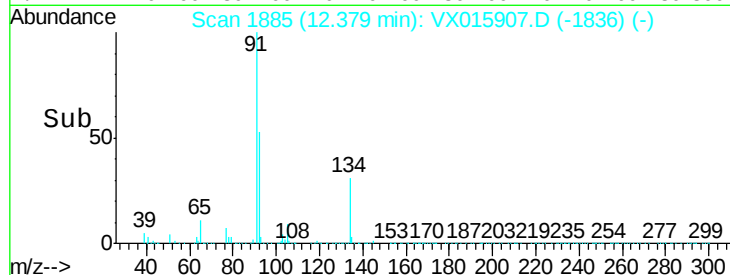
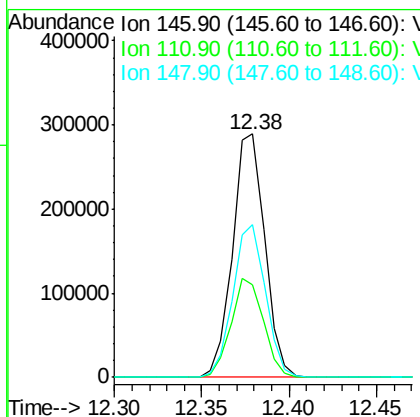
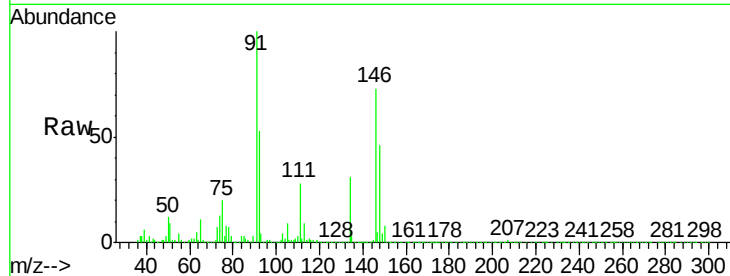
#91
 1,2-Dichlorobenzene
 Concen: 19.214 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD02

Tot Ion:	146	Resp:	370665
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.3	61.0
148	63.6	32.1	96.3

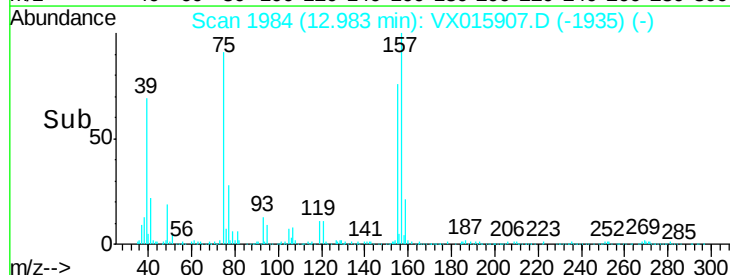
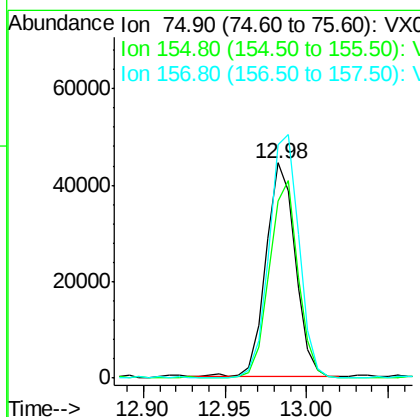
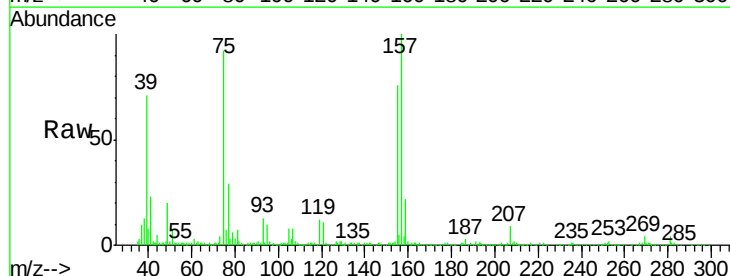
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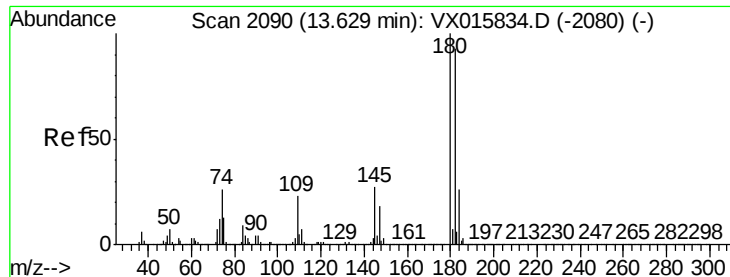
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.628 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015907.D
 Acq: 23 Apr 2020 22:18

Tgt Ion:	75	Resp:	55047
Ion Ratio	Lower	Upper	
75	100		
155	91.2	48.1	144.4
157	116.5	58.9	176.7





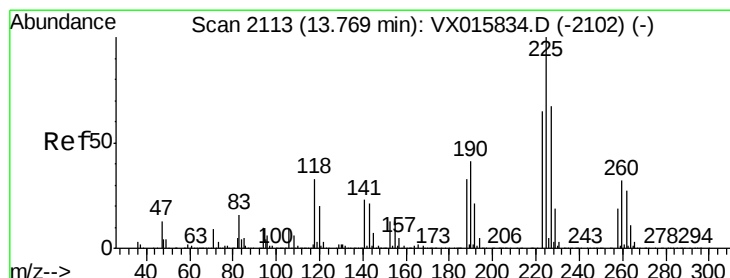
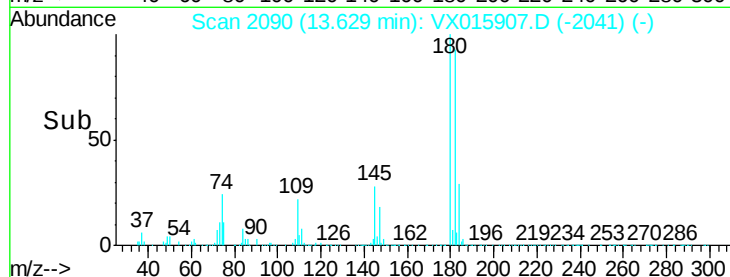
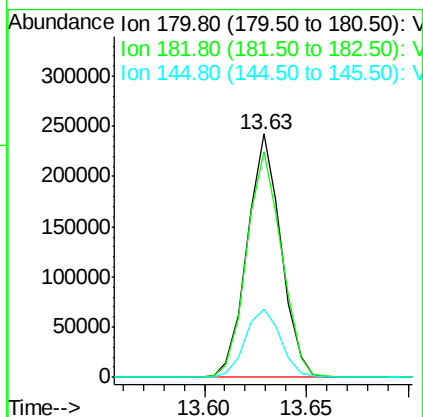
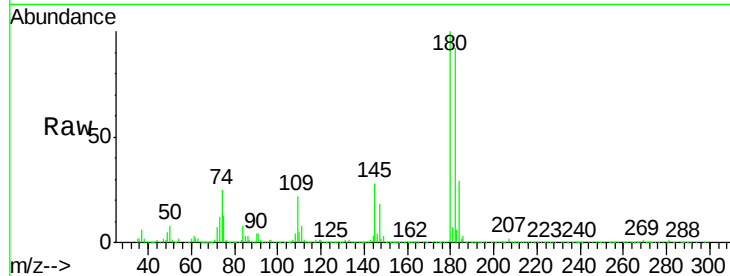
#93
1,2,4-Trichlorobenzene
Concen: 18.402 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	279708		
182	95.8	47.7	143.1	
145	29.8	14.5	43.5	

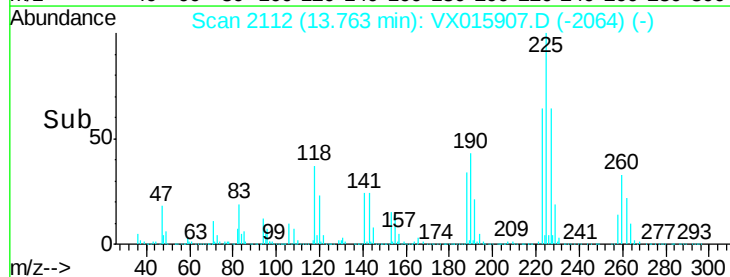
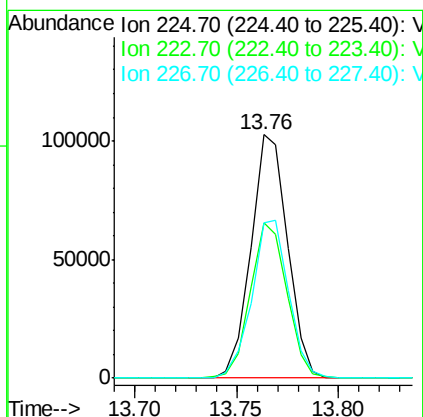
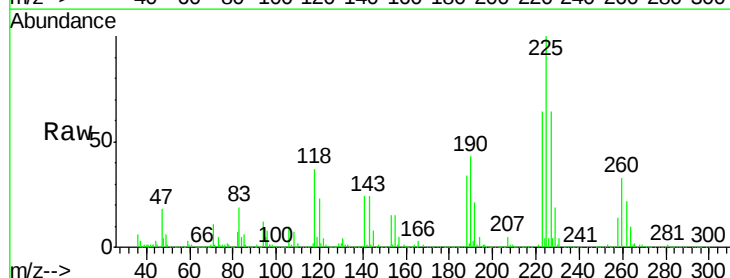
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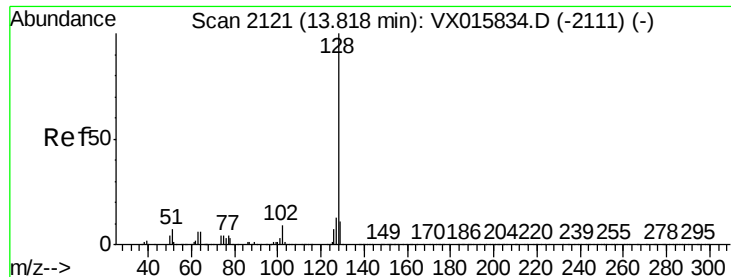
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#94
Hexachlorobutadiene
Concen: 18.844 ug/l
RT: 13.76 min Scan# 2112
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128426		
223	63.5	31.3	93.8	
227	65.4	32.6	97.8	





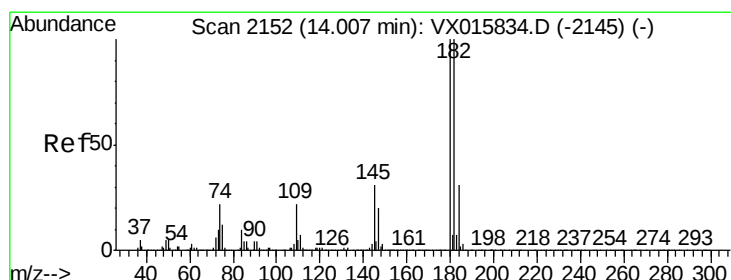
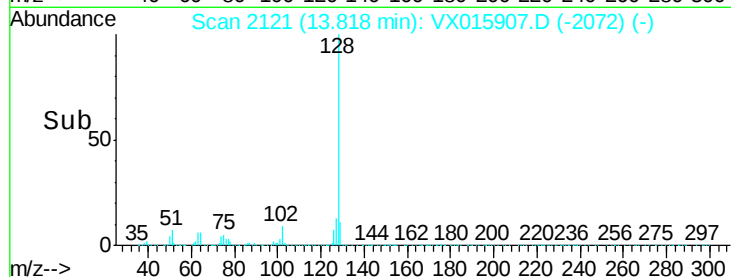
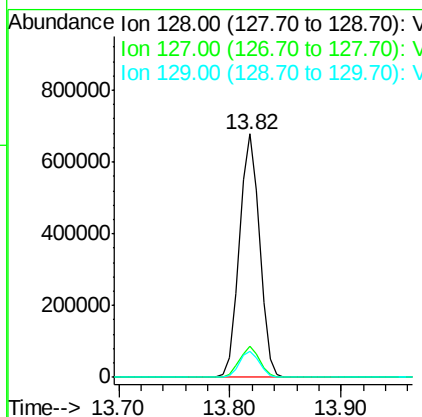
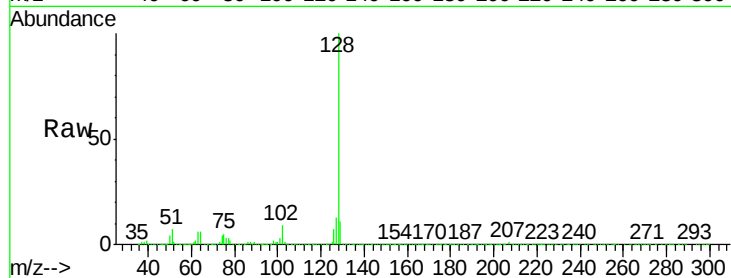
#95
Naphthalene
Concen: 19.427 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	849535		
127	12.8	10.5	15.7	
129	10.8	8.5	12.7	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.134 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015907.D
Acq: 23 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268910		
182	99.0	47.9	143.7	
145	32.7	15.2	45.5	

