

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015900.D
 Acq On : 23 Apr 2020 18:54
 Operator : JC/SP
 Sample : L2403-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:34:55 AM

Quant Time: Apr 24 07:37:26 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	789655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1237480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1171216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	641588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	483420	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	5.47	113	377712	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	8.70	98	1453732	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.12	95	611636	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	387737	57.364	ug/l	98
3) Chloromethane	1.31	50	345866	49.962	ug/l	99
4) Vinyl Chloride	1.39	62	429214	53.567	ug/l	99
5) Bromomethane	1.62	94	149816	55.747	ug/l	99
6) Chloroethane	1.71	64	227106	49.738	ug/l	98
7) Trichlorofluoromethane	1.92	101	528645	53.175	ug/l	99
8) Diethyl Ether	2.17	74	194894	48.342	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	323940	48.034	ug/l	99
10) Methyl Iodide	2.49	142	354589	42.558	ug/l	99
11) Tert butyl alcohol	3.01	59	479262	261.176	ug/l	99
12) 1,1-Dichloroethene	2.36	96	347692	50.270	ug/l	96
13) Acrolein	2.27	56	276741	254.878	ug/l	99
14) Allyl chloride	2.71	41	739814	50.337	ug/l	99
15) Acrylonitrile	3.12	53	1154506	271.052	ug/l	100
16) Acetone	2.42	43	948470	242.536	ug/l	100
17) Carbon Disulfide	2.55	76	893636	35.579	ug/l	100
18) Methyl Acetate	2.75	43	609185	47.187	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1302937	53.362	ug/l	100
20) Methylene Chloride	2.84	84	401191	50.535	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	387396	50.482	ug/l	98
22) Diisopropyl ether	3.83	45	1401070	52.890	ug/l	95
23) Vinyl Acetate	3.79	43	5362280	244.580	ug/l	99
24) 1,1-Dichloroethane	3.67	63	727023	52.656	ug/l	99
25) 2-Butanone	4.64	43	1642896	265.793	ug/l	99
26) 2,2-Dichloropropane	4.55	77	561789	45.549	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	459594	52.753	ug/l	98
28) Bromochloromethane	4.98	49	351109	48.463	ug/l #	99
29) Tetrahydrofuran	5.09	42	1075610	263.089	ug/l	100
30) Chloroform	5.18	83	714968	51.467	ug/l	99
31) Cyclohexane	5.56	56	676626	51.566	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	656393	52.995	ug/l	100
36) 1,1-Dichloropropene	5.78	75	544325	49.617	ug/l	99
37) Ethyl Acetate	4.80	43	612378	46.903	ug/l	99
38) Carbon Tetrachloride	5.76	117	573681	53.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	650069	46.793	ug/l	98
40) Benzene	6.12	78	1649983	49.937	ug/l	99
41) Methacrylonitrile	5.01	41	374795	51.660	ug/l	99
42) 1,2-Dichloroethane	6.17	62	598065	50.265	ug/l	100
43) Isopropyl Acetate	6.42	43	1058258	48.051	ug/l	100
44) Trichloroethene	7.19	130	535429	46.111	ug/l	97
45) 1,2-Dichloropropane	7.50	63	435252	50.266	ug/l	98
46) Dibromomethane	7.64	93	300948	47.611	ug/l	96
47) Bromodichloromethane	7.88	83	586129	52.123	ug/l	99
48) Methyl methacrylate	7.75	41	545872	50.388	ug/l	99
49) 1,4-Dioxane	7.72	88	188231	919.362	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	3258367	256.314	ug/l	100
52) Toluene	8.77	92	1050879	49.619	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	697495	49.991	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	723607	49.070	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	429510	51.937	ug/l	97
56) Ethyl methacrylate	9.16	69	695937	49.682	ug/l	98
57) 1,3-Dichloropropane	9.36	76	728070	50.663	ug/l	100
59) 2-Hexanone	9.47	43	2482243	256.314	ug/l	100
60) Dibromochloromethane	9.57	129	471036	55.154	ug/l	98
61) 1,2-Dibromoethane	9.65	107	451855	49.437	ug/l	100
64) Tetrachloroethene	9.32	164	682869	43.256	ug/l	98
65) Chlorobenzene	10.12	112	1154854	49.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	451442	51.566	ug/l	99
67) Ethyl Benzene	10.23	91	2012837	48.940	ug/l	100
68) m/p-Xylenes	10.34	106	1550998	100.469	ug/l	98
69) o-Xylene	10.68	106	759448	49.992	ug/l	97
70) Styrene	10.70	104	1306995	49.688	ug/l	100
71) Bromoform	10.84	173	368716	64.633	ug/l #	100
73) Isopropylbenzene	11.00	105	2051563	50.349	ug/l	99
74) N-amyl acetate	10.88	43	952300	45.271	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	481335	55.817	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	615838m	50.477	ug/l	
77) Bromobenzene	11.24	156	552590	49.633	ug/l	98
78) n-propylbenzene	11.34	91	2266640	48.559	ug/l	100
79) 2-Chlorotoluene	11.40	91	1379499	49.200	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1706582	49.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	228403	45.034	ug/l	99
82) 4-Chlorotoluene	11.50	91	1630826	48.947	ug/l	100
83) tert-Butylbenzene	11.76	119	1543111	50.069	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1765720	48.951	ug/l	99
85) sec-Butylbenzene	11.93	105	1972123	48.542	ug/l	100
86) p-Isopropyltoluene	12.05	119	1838326	48.390	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	989534	48.418	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	981725	47.987	ug/l	96
89) n-Butylbenzene	12.37	91	1600482	47.121	ug/l	99
90) Hexachloroethane	12.58	117	292325	72.840	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	930373	47.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	143093	55.954	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	695154	45.516	ug/l	97

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S73-0240MS

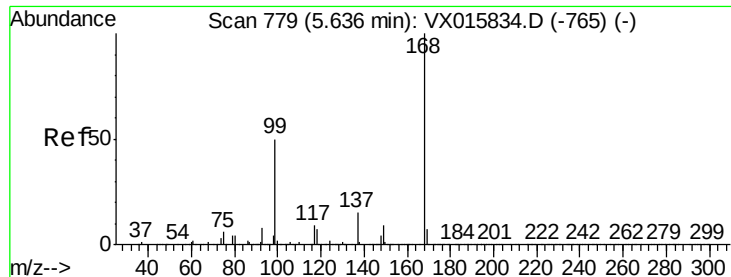
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	301117	43.973	ug/l	97
95) Naphthalene	13.82	128	2112833	48.084	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	677893	45.495	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion:168 Resp: 789655

Ion Ratio Lower Upper

168 100

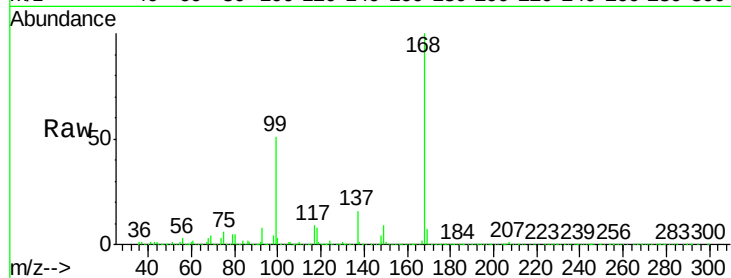
99 51.2 40.3 60.5

Manual Integrations

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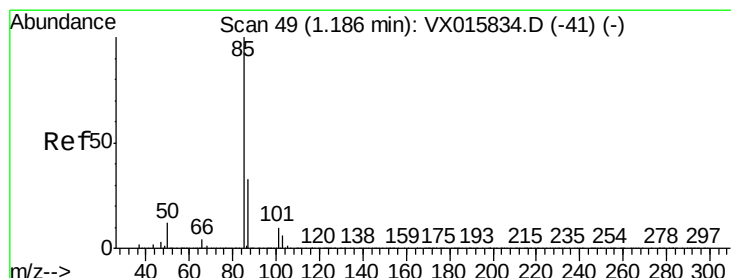
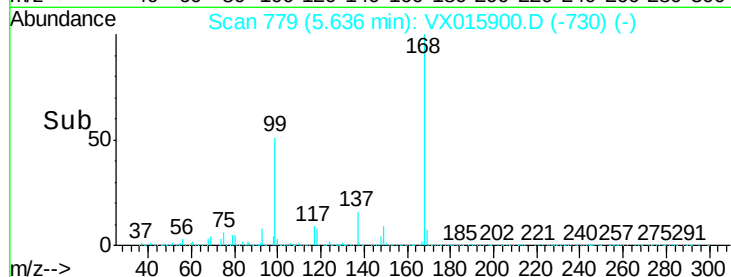
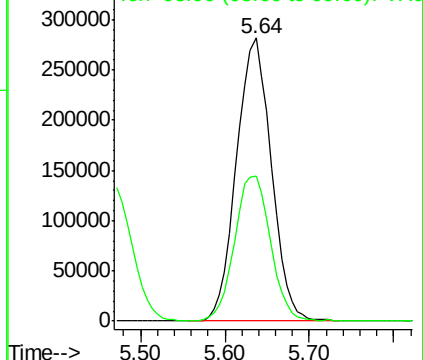
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 57.364 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015900.D

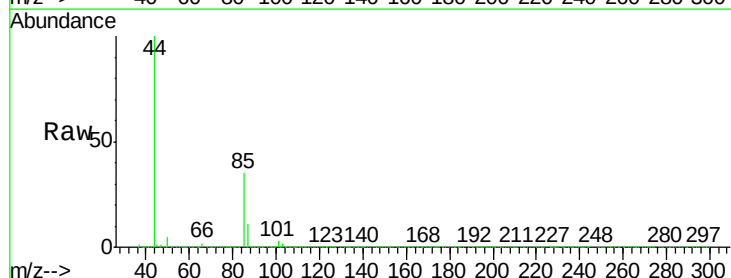
Acq: 23 Apr 2020 18:54

Tgt Ion: 85 Resp: 387737

Ion Ratio Lower Upper

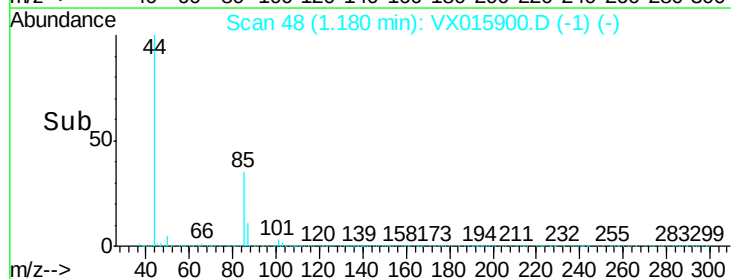
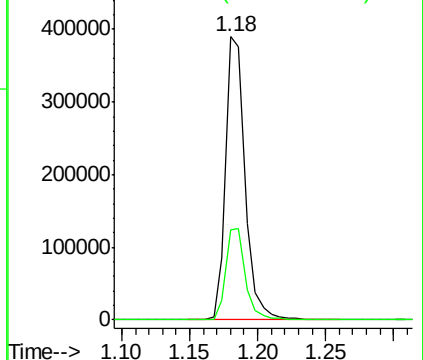
85 100

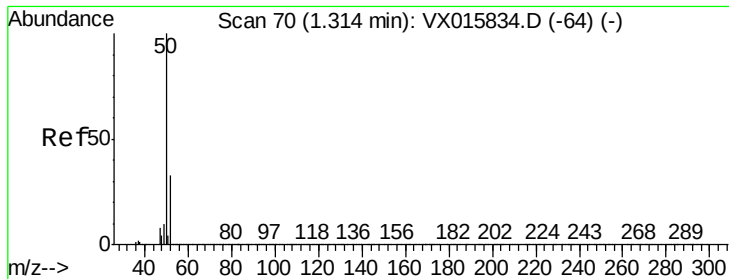
87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.962 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 50 Resp: 345866

Ion Ratio Lower Upper

50 100

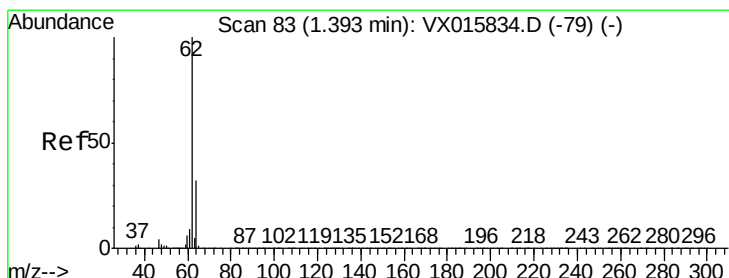
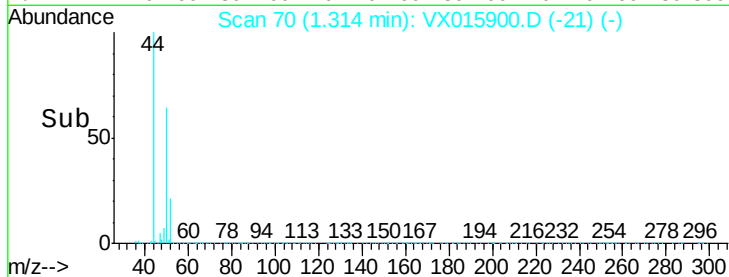
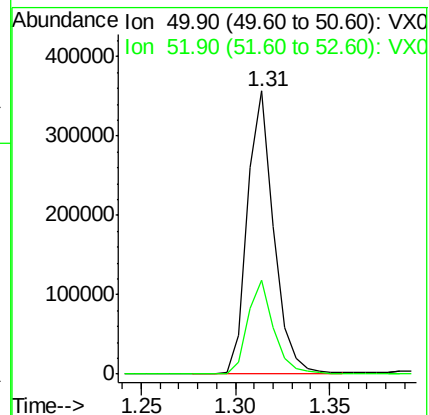
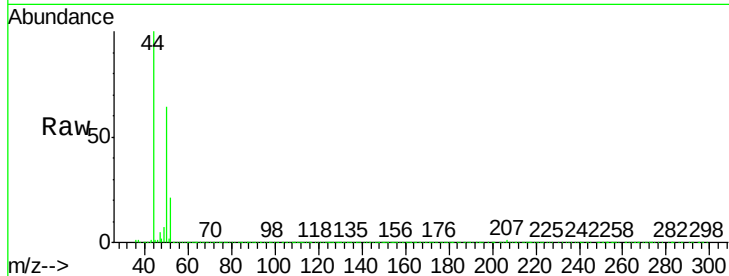
52 33.3 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.567 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015900.D

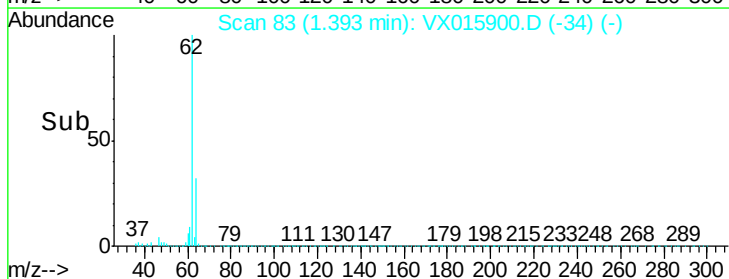
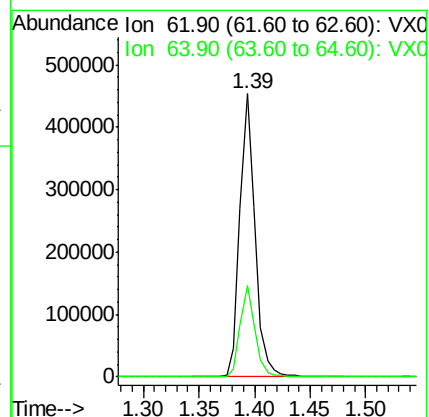
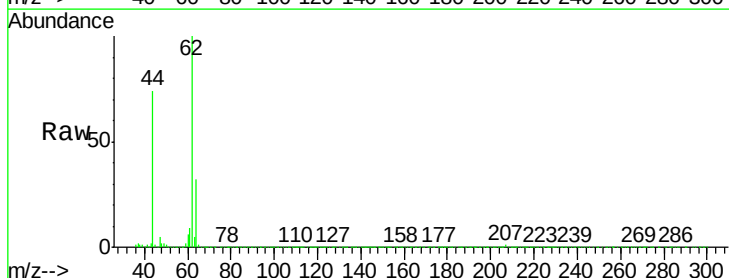
Acq: 23 Apr 2020 18:54

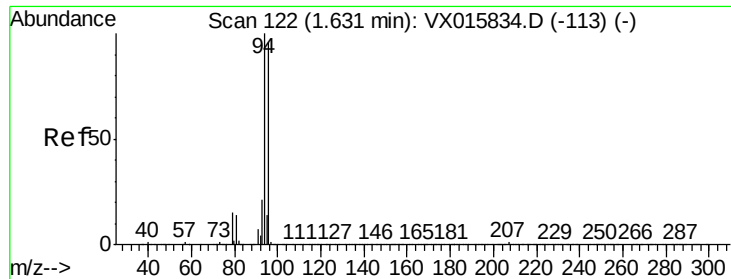
Tgt Ion: 62 Resp: 429214

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 55.747 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 94 Resp: 149816

Ion Ratio Lower Upper

94 100

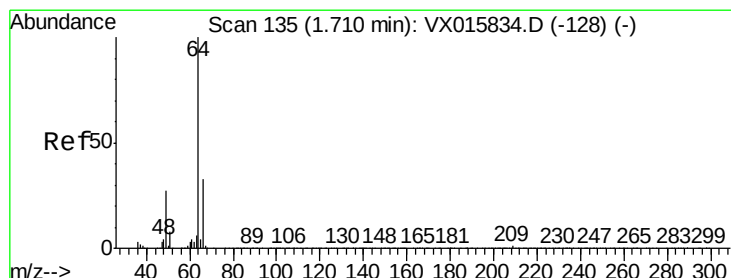
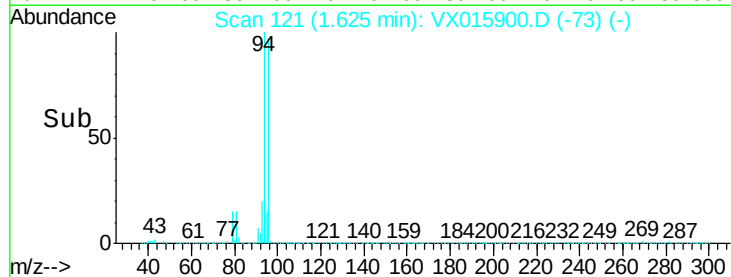
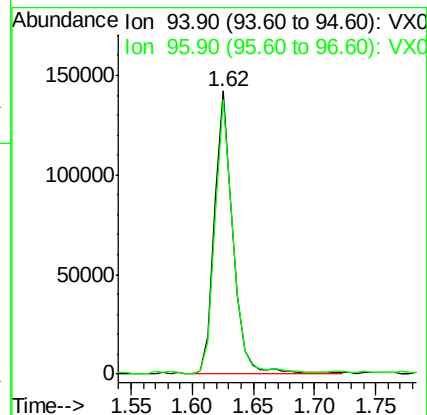
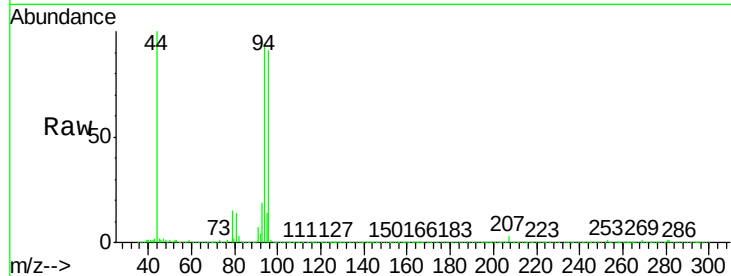
96 96.8 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 49.738 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015900.D

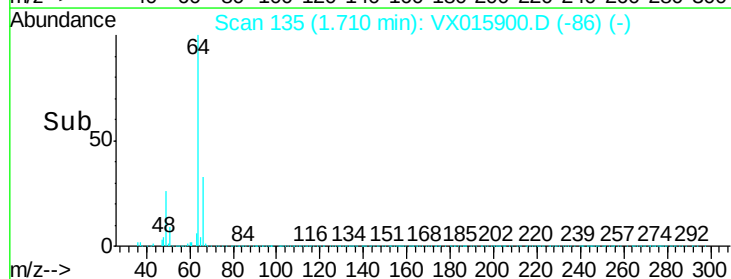
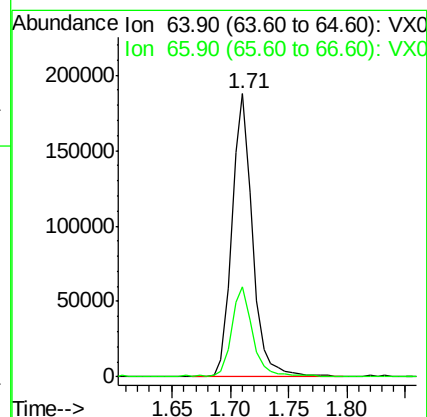
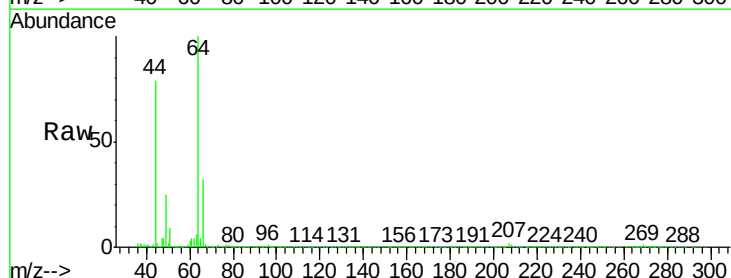
Acq: 23 Apr 2020 18:54

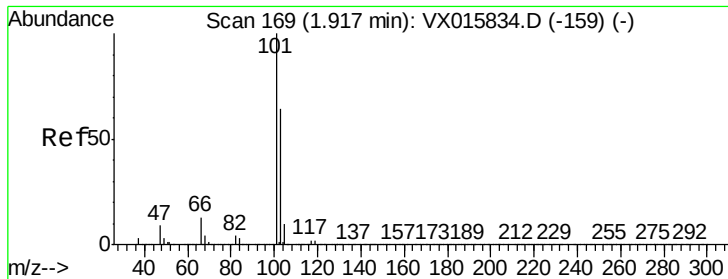
Tgt Ion: 64 Resp: 227106

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.2





#7

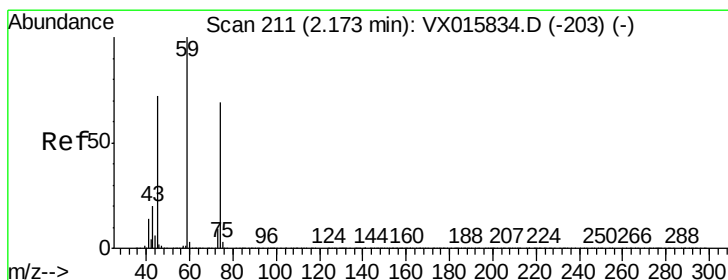
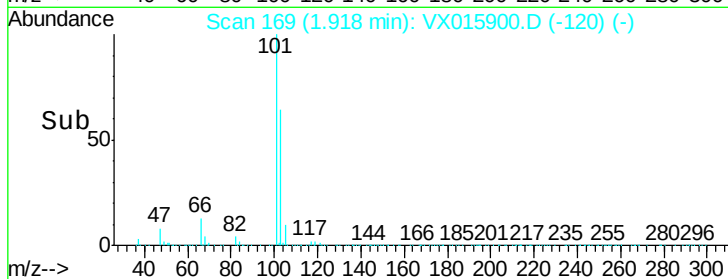
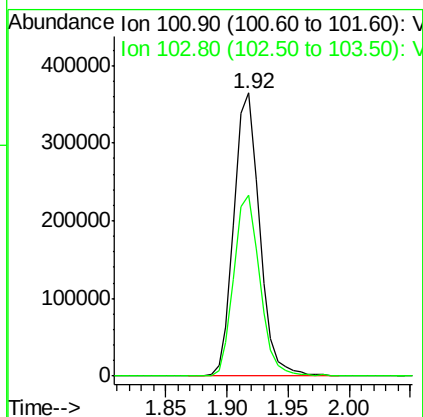
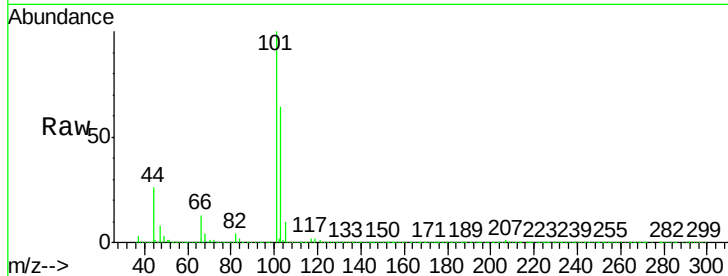
Trichlorofluoromethane
Concen: 53.175 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

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ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.4	77.0

Manual Integrations
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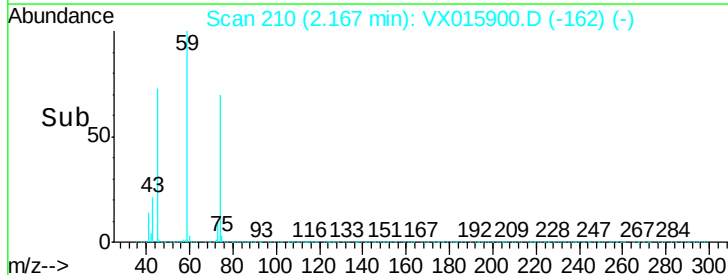
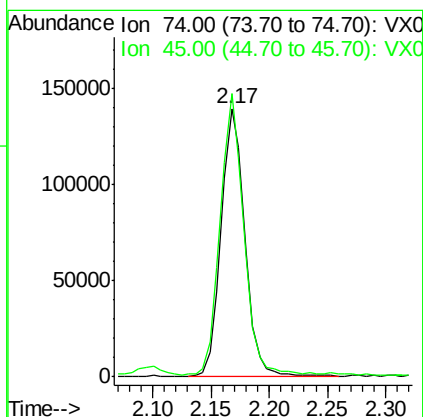
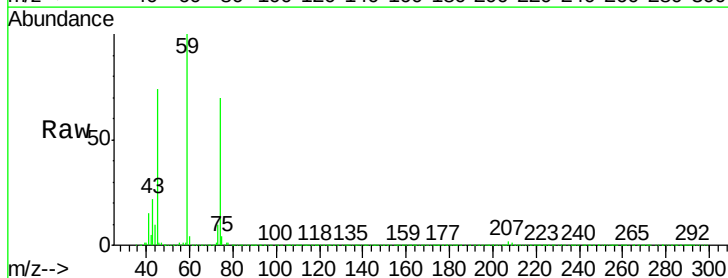
MMDadoda
4/24/2020 11:34:55 AM

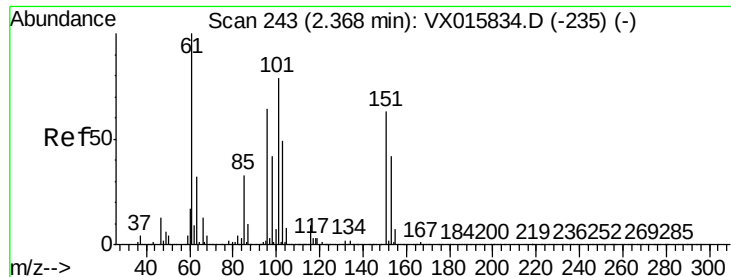


#8

Diethyl Ether
Concen: 48.342 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.034 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

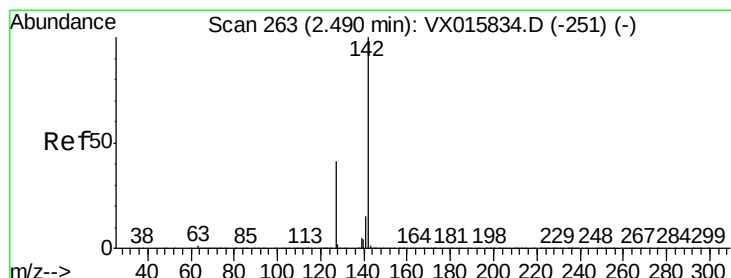
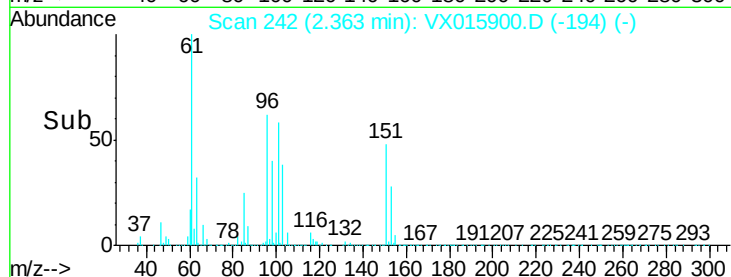
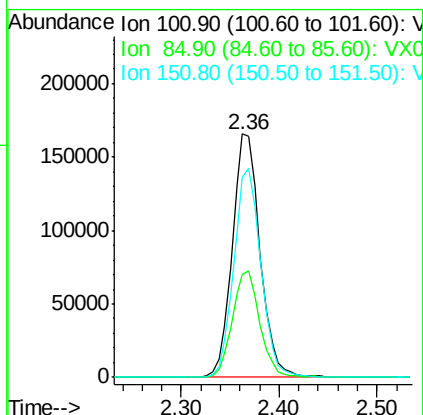
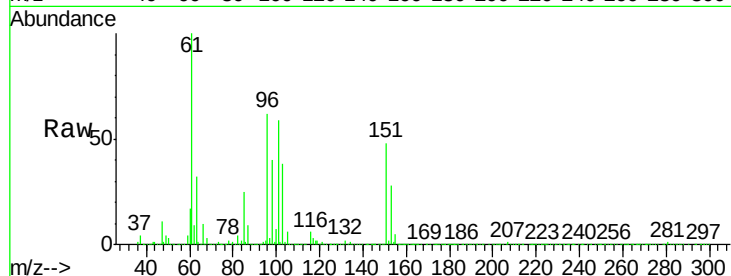
ClientSampleId :

S73-0240MS

Tot Ion:	101	Resp:	323940
Ion Ratio	Lower	Upper	
101	100		
85	44.0	33.8	50.6
151	84.8	67.8	101.6

Manual Integrations
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#10

Methyl Iodide

Concen: 42.558 ug/l

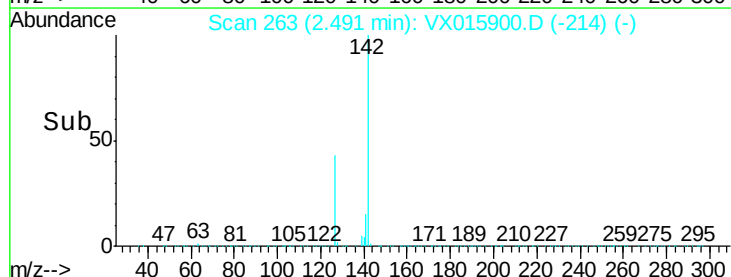
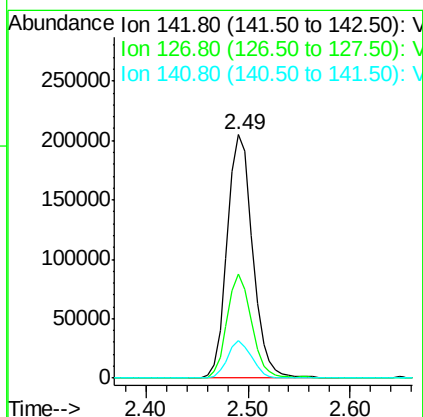
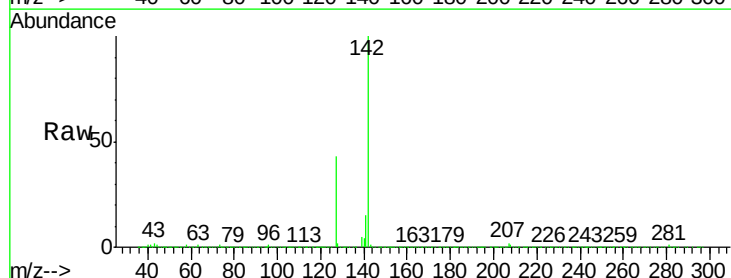
RT: 2.49 min Scan# 263

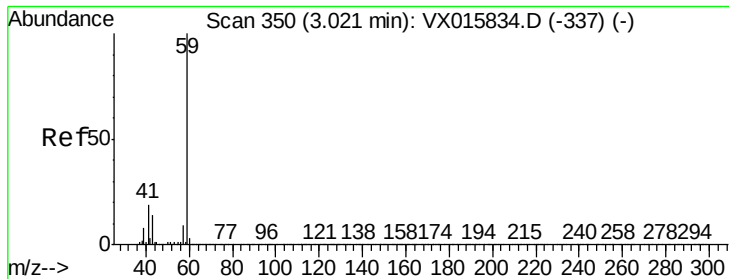
Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion:	142	Resp:	354589
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.3	49.9
141	14.7	11.8	17.6





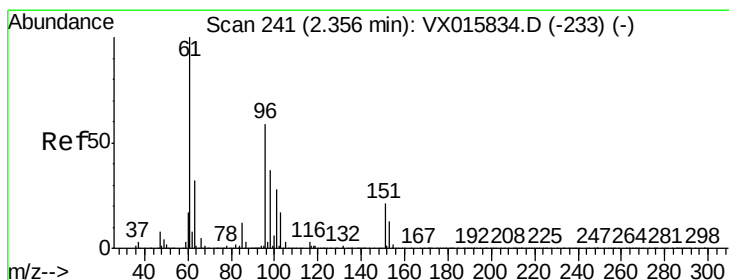
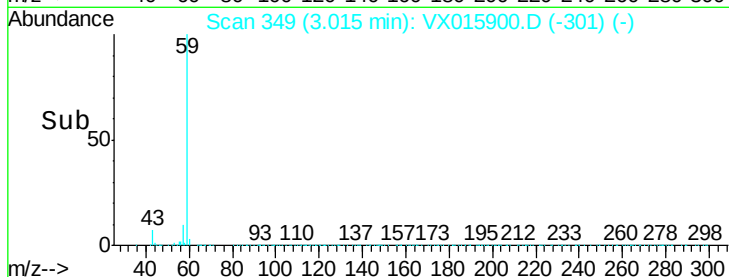
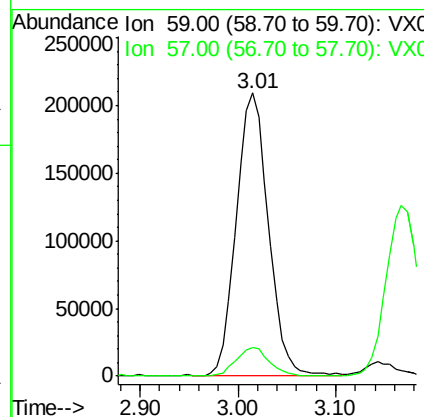
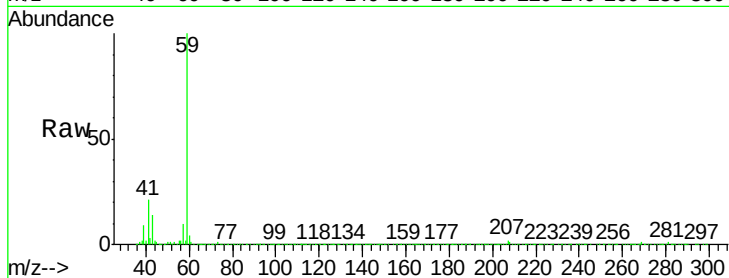
#11
Tert butyl alcohol
Concen: 261.176 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

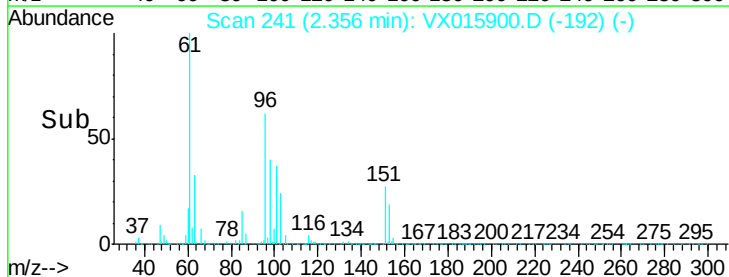
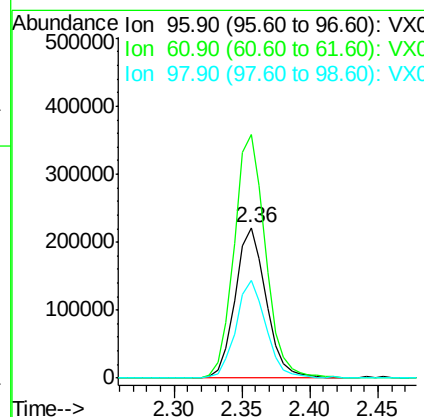
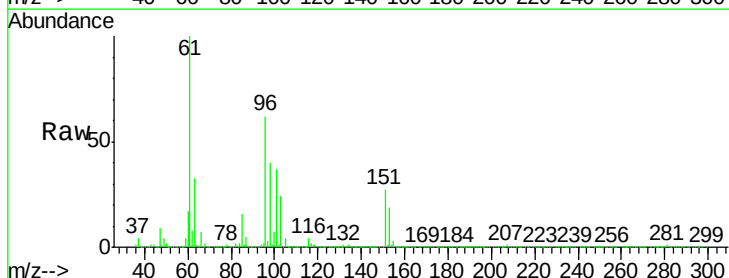
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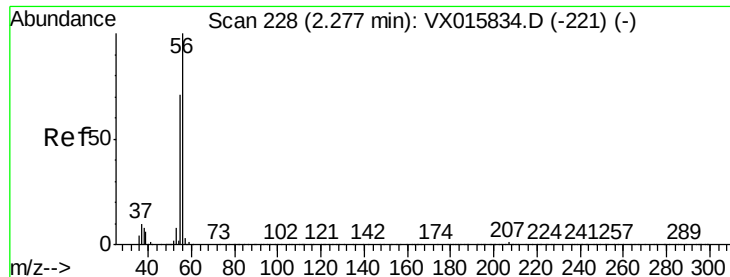
MMDadoda
4/24/2020 11:34:55 AM



#12
1,1-Dichloroethene
Concen: 50.270 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.4	135.0	202.6
98	65.3	50.6	76.0





#13

Acrolein

Concen: 254.878 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 56 Resp: 276741

Ion Ratio Lower Upper

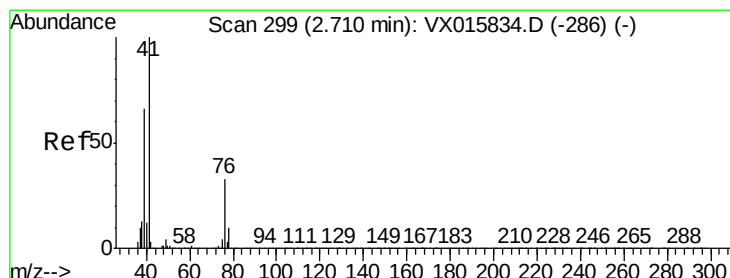
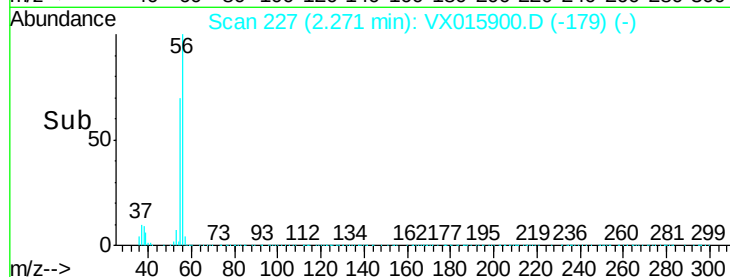
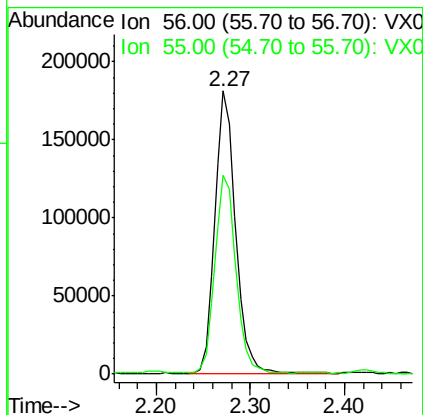
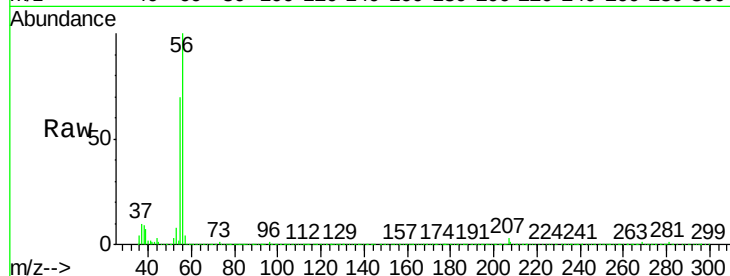
56 100

55 70.7 56.1 84.1

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#14

Allyl chloride

Concen: 50.337 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

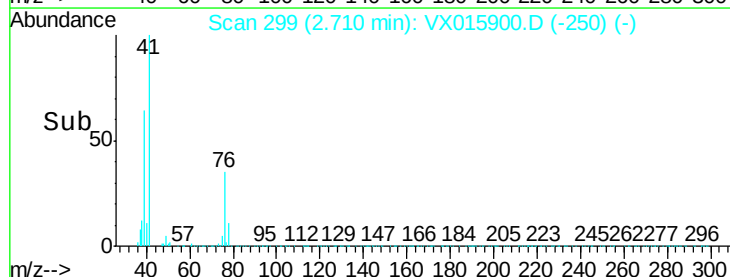
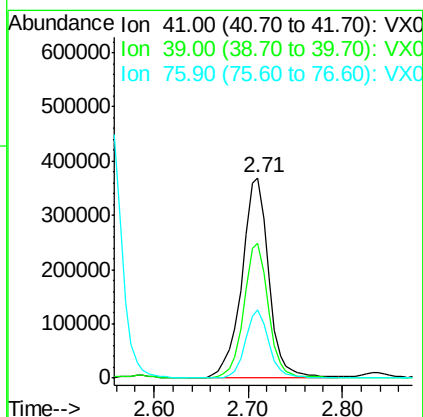
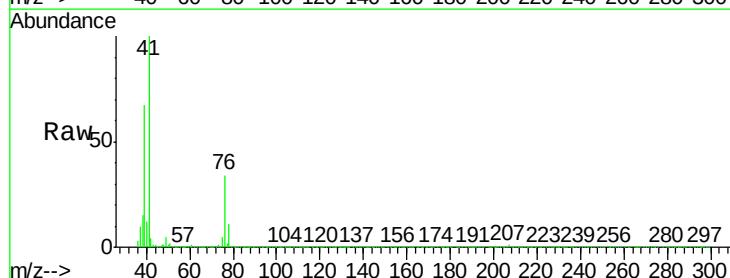
Tgt Ion: 41 Resp: 739814

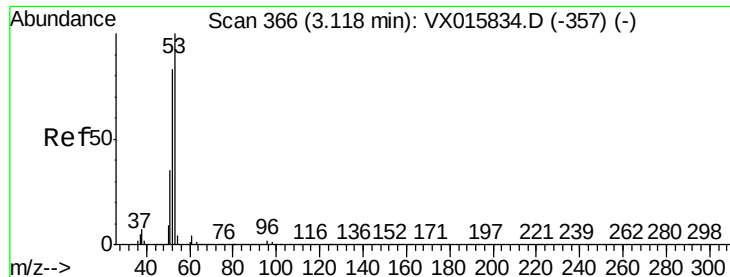
Ion Ratio Lower Upper

41 100

39 61.2 48.4 72.6

76 29.4 23.8 35.8





#15

Acrylonitrile

Concen: 271.052 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

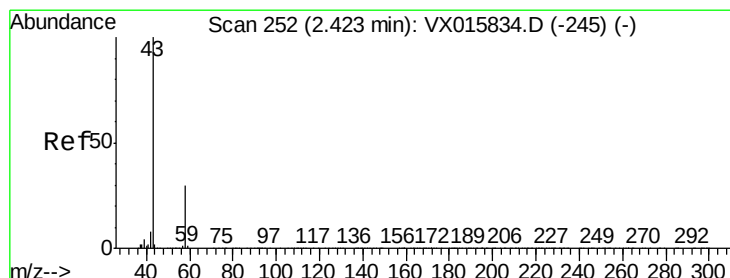
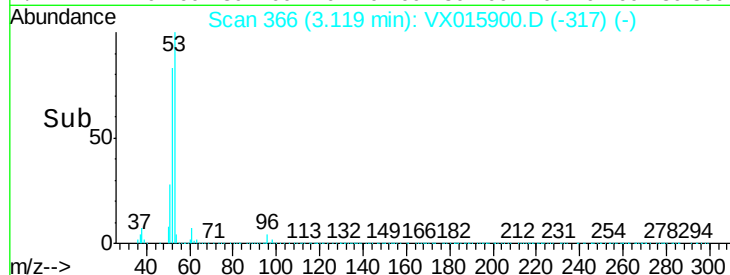
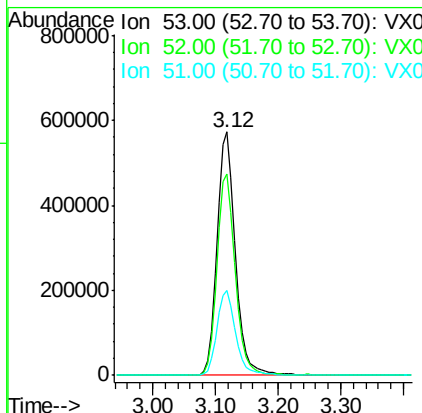
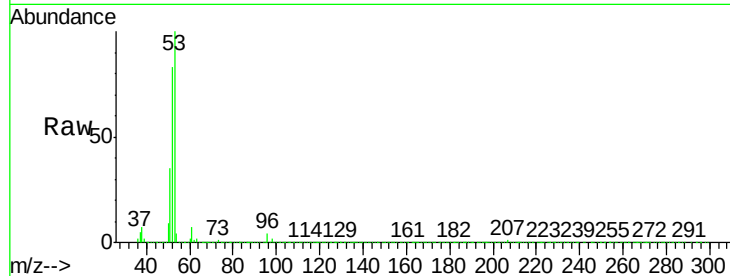
ClientSampled :

S73-0240MS

Tot Ion:	53	Resp:	1154506
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	35.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 242.536 ug/l

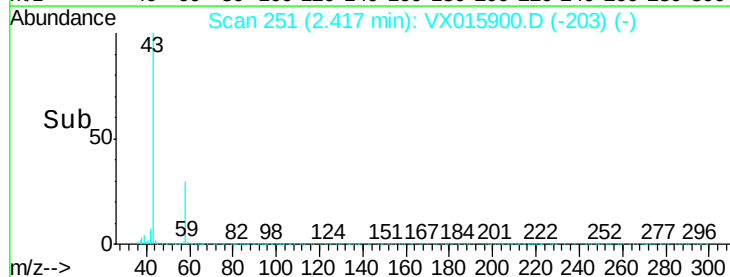
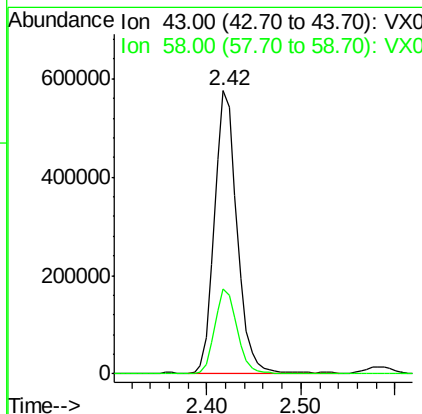
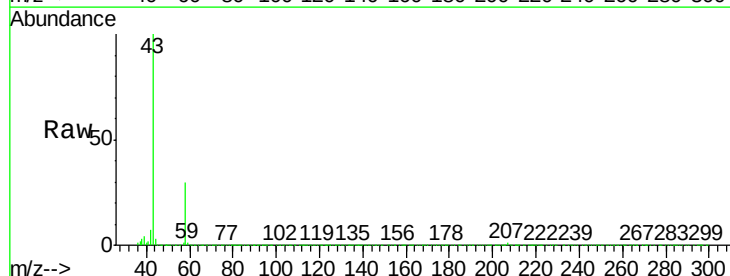
RT: 2.42 min Scan# 251

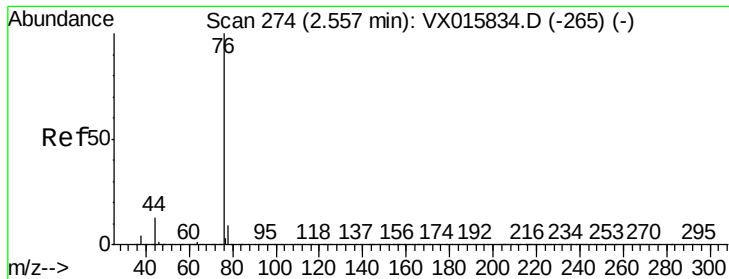
Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion:	43	Resp:	948470
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.0	36.0





#17

Carbon Disulfide

Concen: 35.579 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 76 Resp: 893636

Ion Ratio Lower Upper

76 100

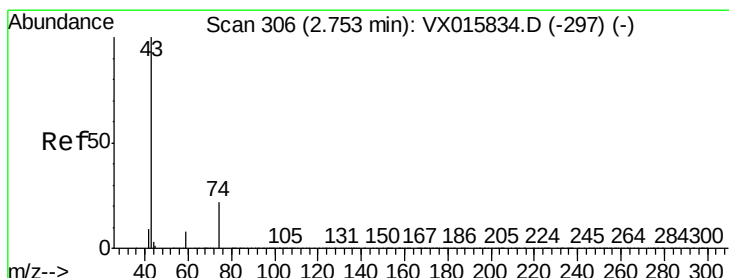
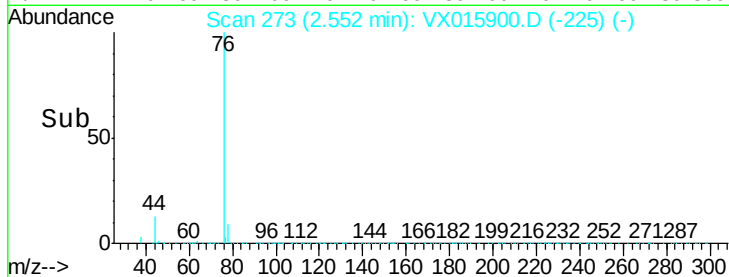
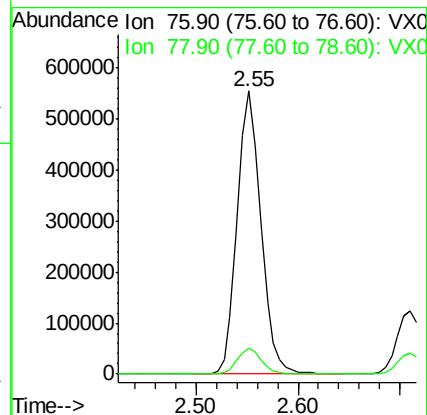
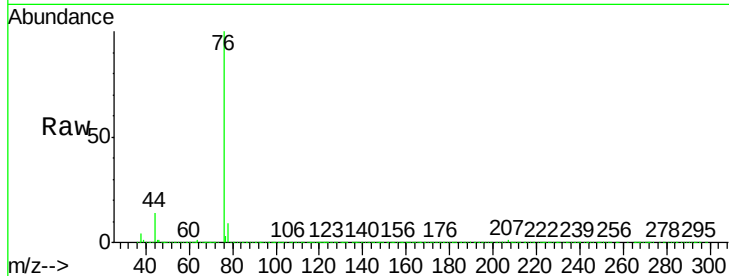
78 9.2 7.4 11.2

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#18

Methyl Acetate

Concen: 47.187 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015900.D

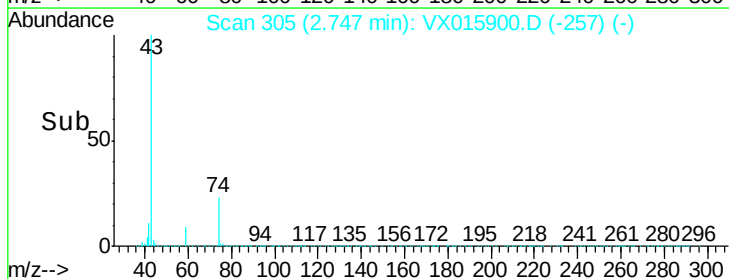
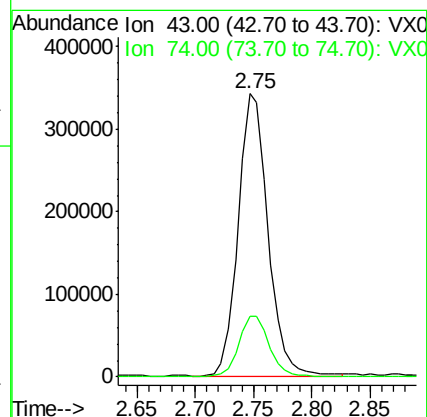
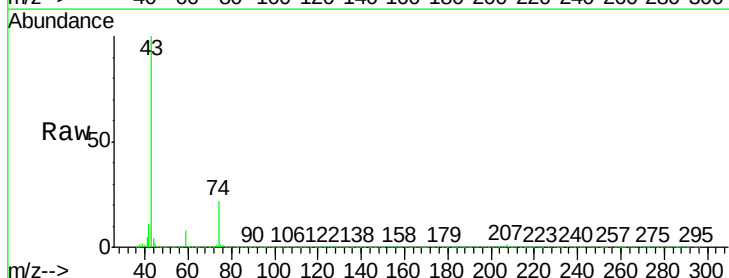
Acq: 23 Apr 2020 18:54

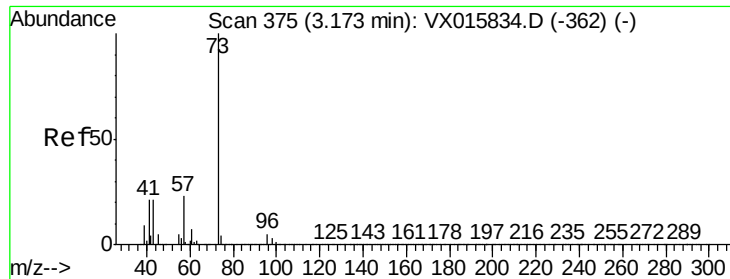
Tgt Ion: 43 Resp: 609185

Ion Ratio Lower Upper

43 100

74 22.2 17.9 26.9





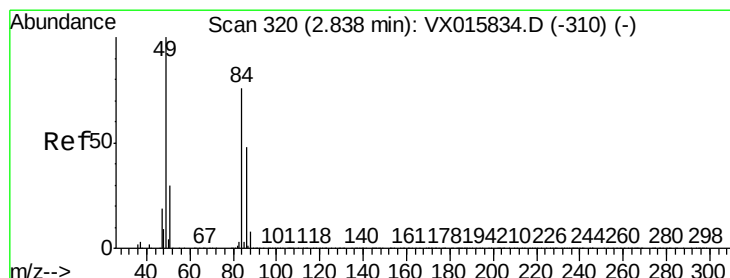
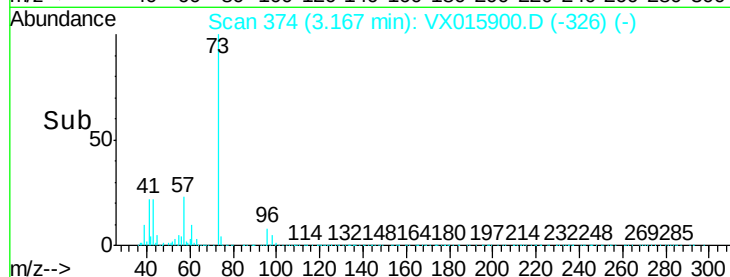
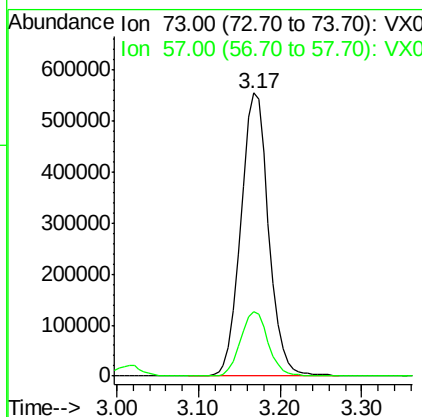
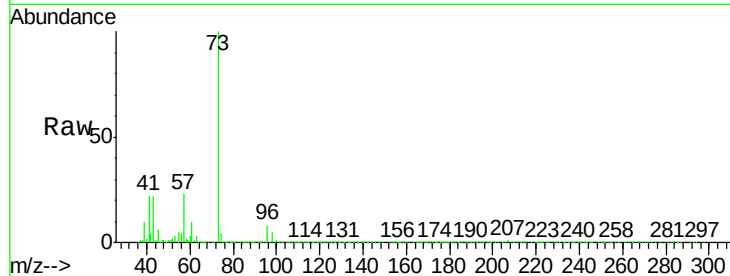
#19
Methyl tert-butyl Ether
Concen: 53.362 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion: 73 Resp: 1302937
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1

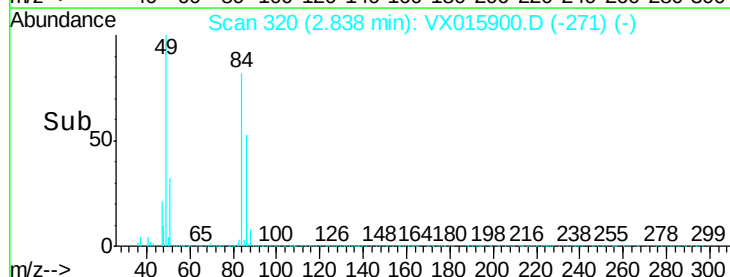
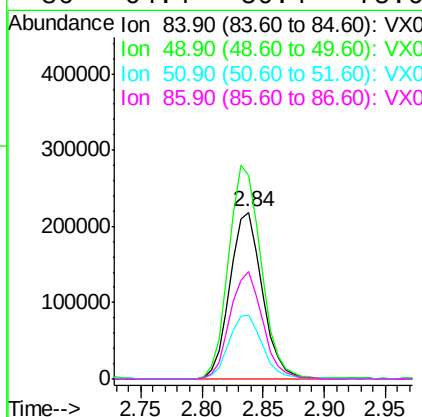
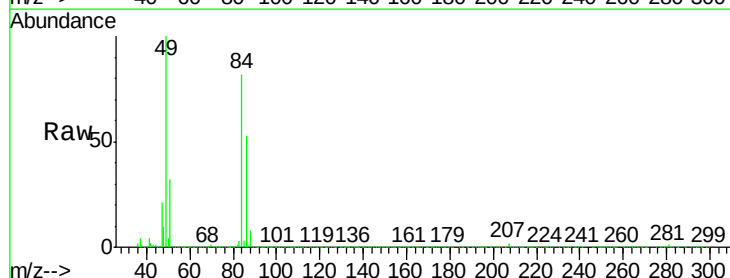
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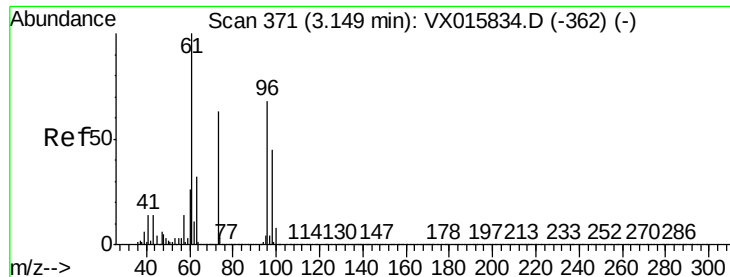
MMDadoda
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#20
Methylene Chloride
Concen: 50.535 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion: 84 Resp: 401191
Ion Ratio Lower Upper
84 100
49 121.8 104.9 157.3
51 38.5 32.0 48.0
86 64.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 50.482 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

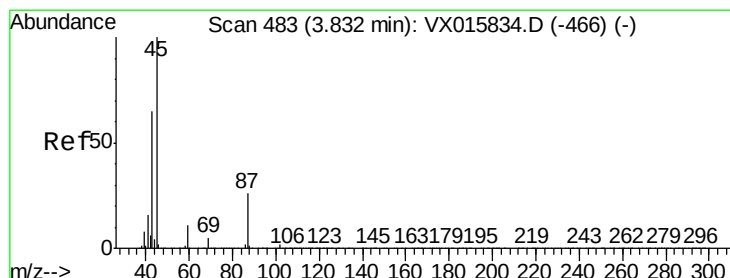
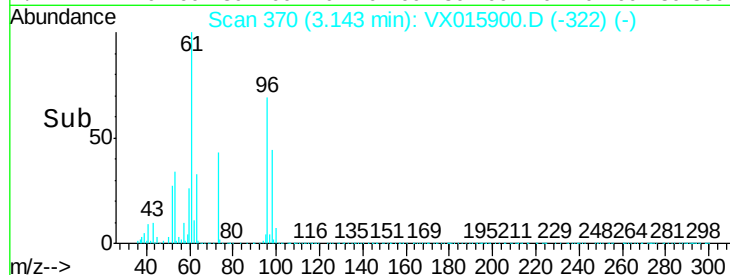
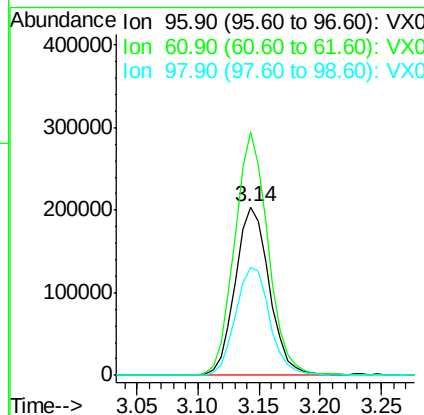
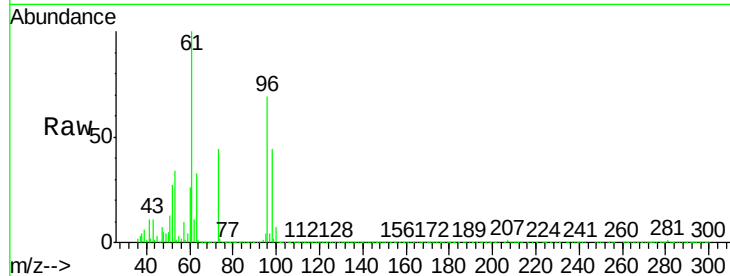
ClientSampleId :

S73-0240MS

Tot Ion:	96	Resp:	387396
Ion Ratio	Lower	Upper	
96	100		
61	144.9	117.5	176.3
98	64.2	52.7	79.1

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#22

Diisopropyl ether

Concen: 52.890 ug/l

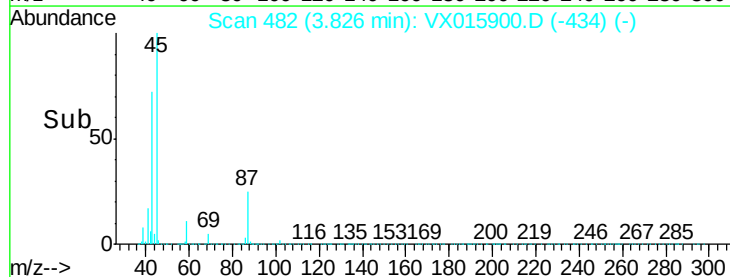
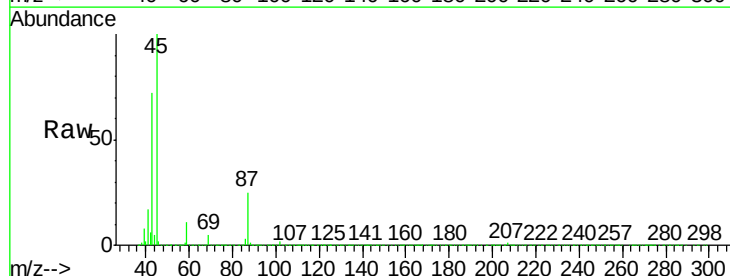
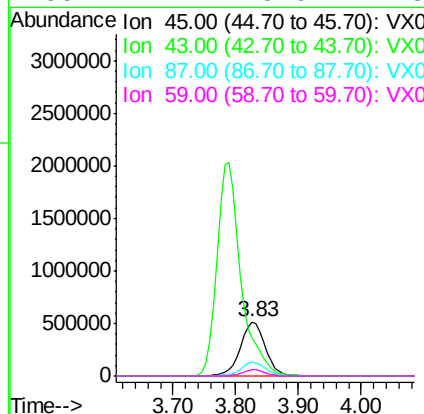
RT: 3.83 min Scan# 482

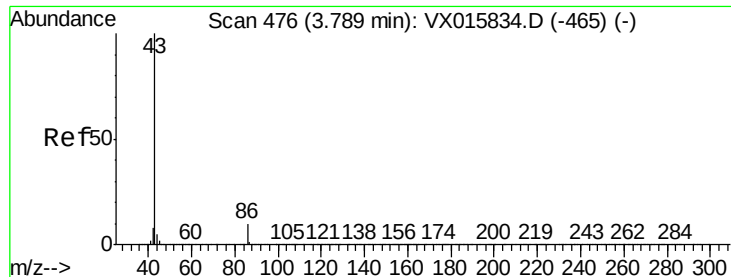
Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion:	45	Resp:	1401070
Ion Ratio	Lower	Upper	
45	100		
43	71.5	52.4	78.6
87	25.2	20.7	31.1
59	11.4	8.6	12.8





#23

Vinyl Acetate

Concen: 244.580 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 43 Resp: 5362280

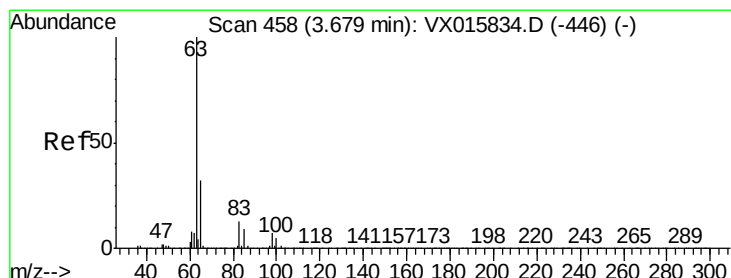
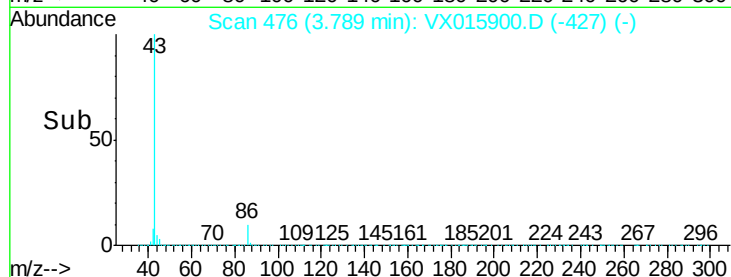
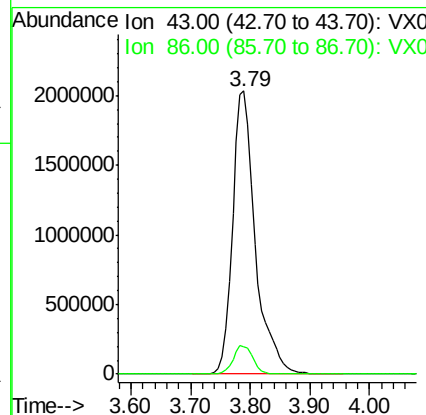
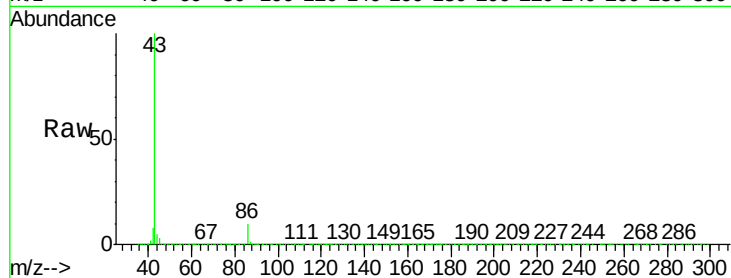
Ion Ratio Lower Upper

43 100

86 9.8 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 52.656 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

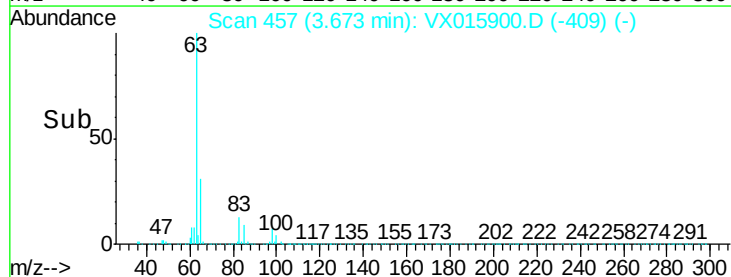
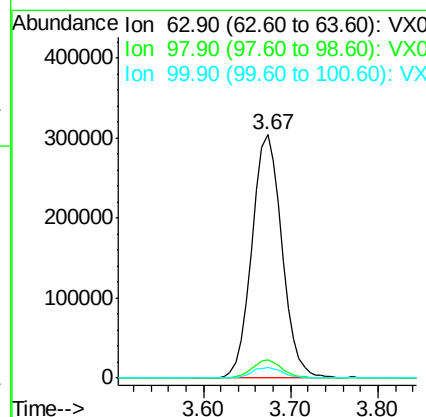
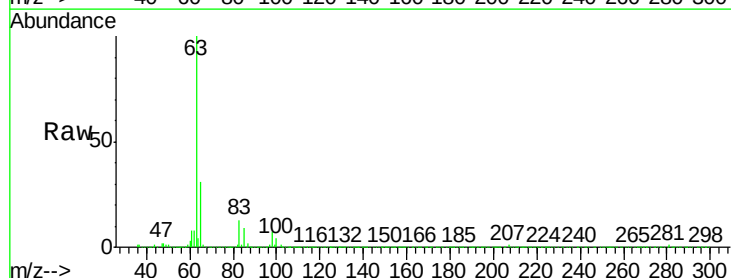
Tgt Ion: 63 Resp: 727023

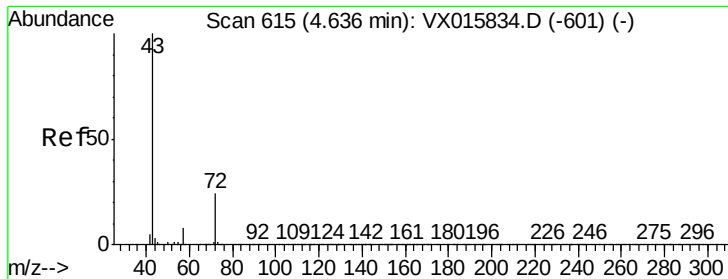
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 265.793 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tot Ion: 43 Resp: 1642896

Ion Ratio Lower Upper

43 100

72 24.8 19.4 29.2

Instrument :

MSVOA_X

ClientSampleId :

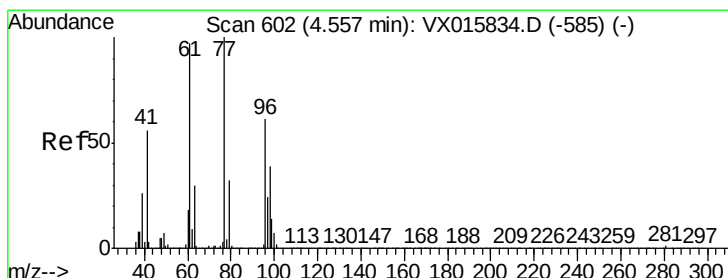
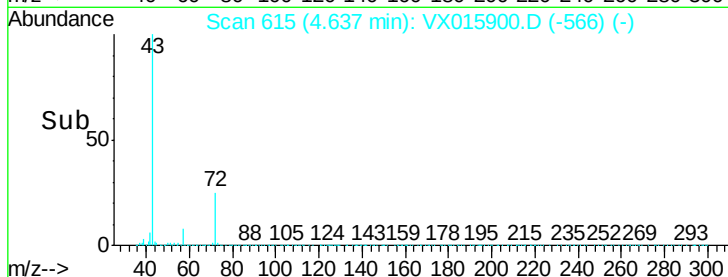
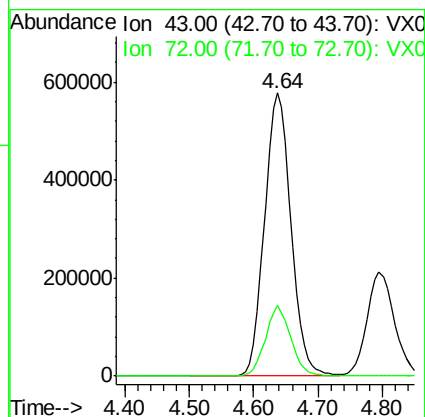
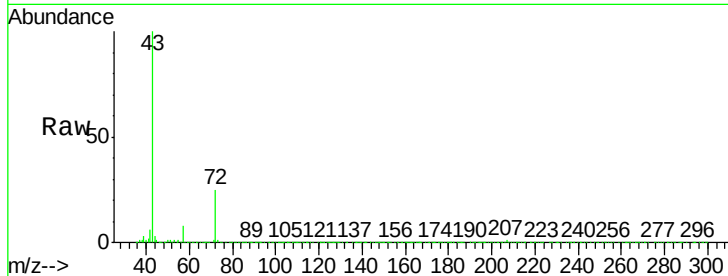
S73-0240MS

Manual Integrations

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4/24/2020 11:34:55 AM



#26

2,2-Dichloropropane

Concen: 45.549 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015900.D

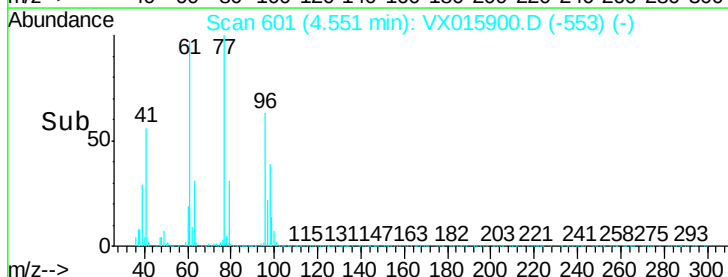
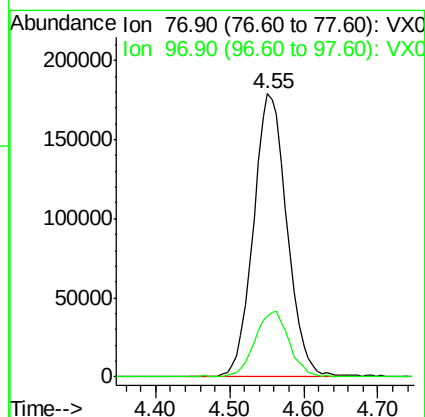
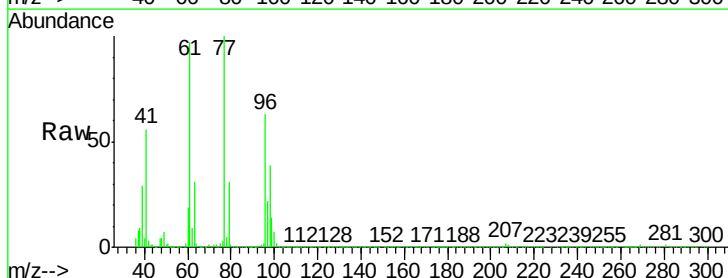
Acq: 23 Apr 2020 18:54

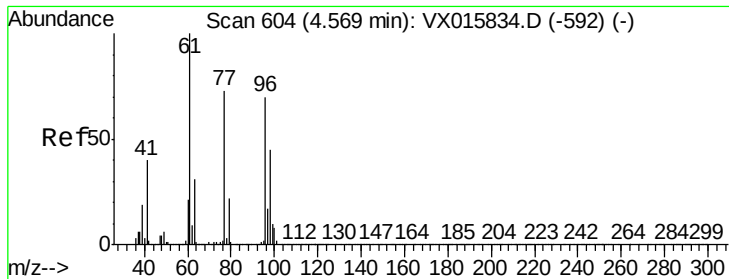
Tgt Ion: 77 Resp: 561789

Ion Ratio Lower Upper

77 100

97 23.7 11.4 34.1





#27

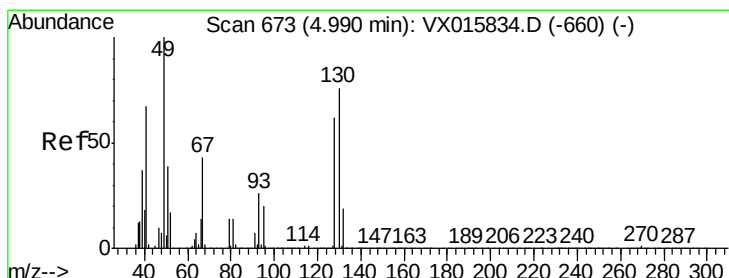
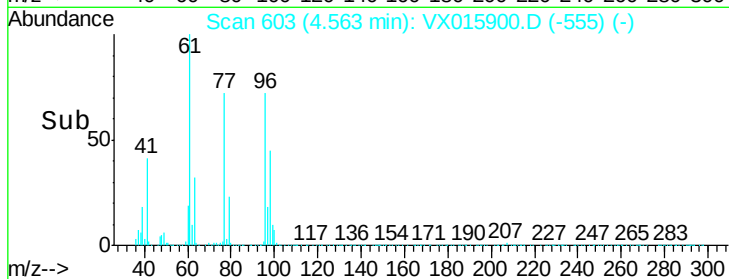
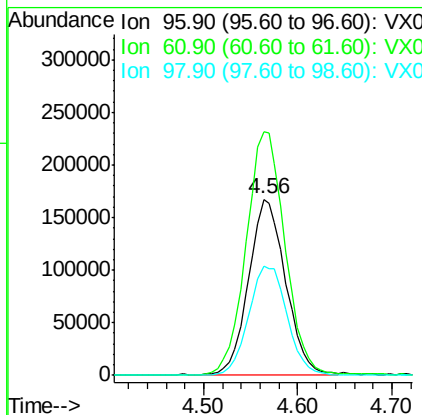
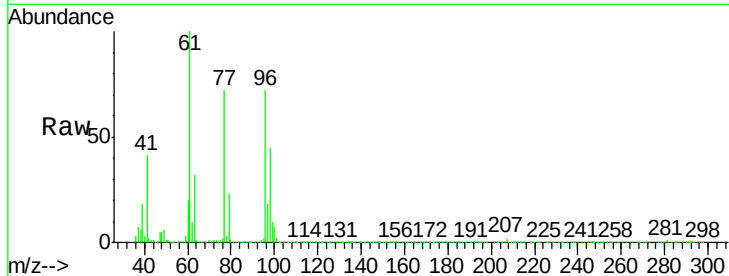
cis-1,2-Dichloroethene
Concen: 52.753 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.8	0.0	299.4	
98	64.2	0.0	129.6	

Manual Integrations
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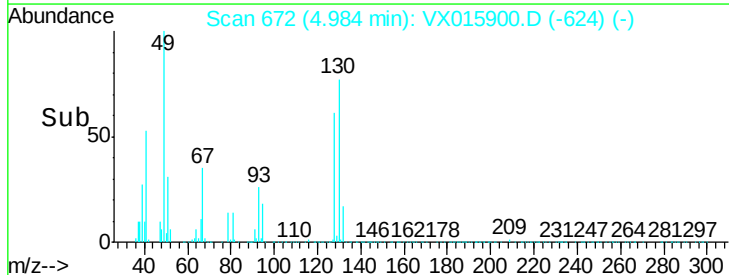
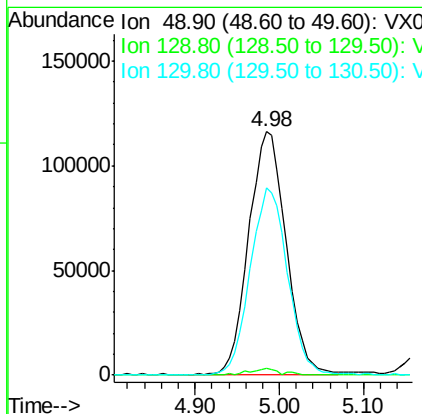
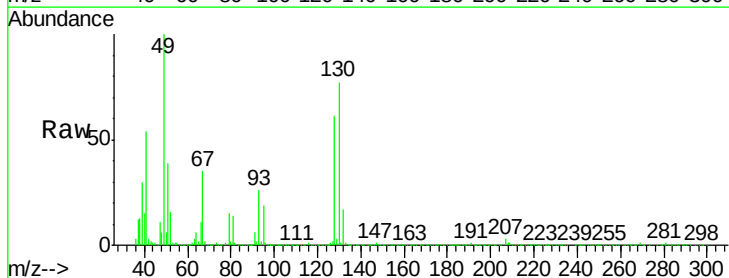
MMDadoda
4/24/2020 11:34:55 AM

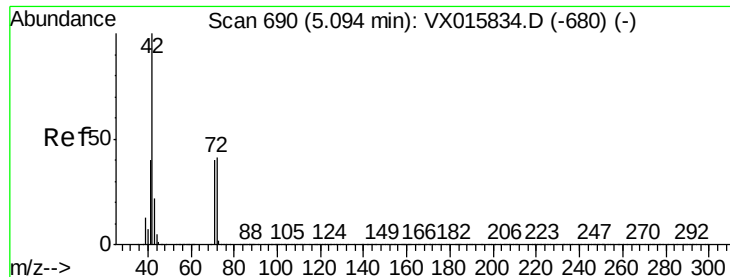


#28

Bromochloromethane
Concen: 48.463 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	1.8#	
130	77.2	62.4	93.6	





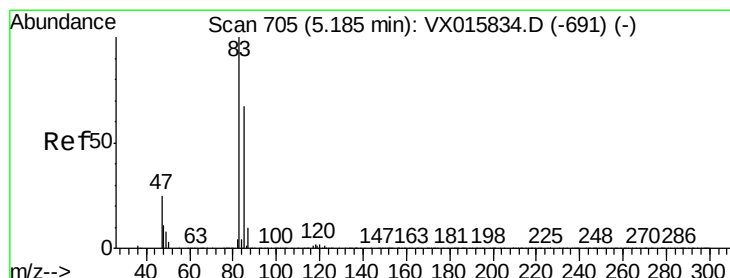
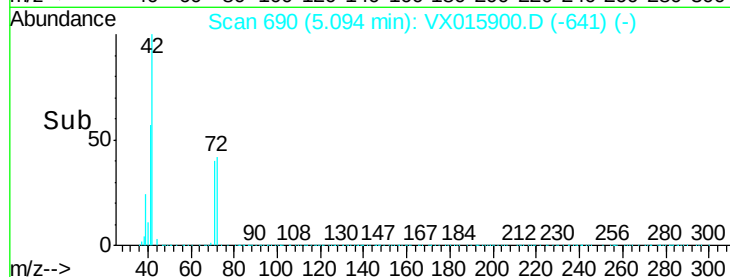
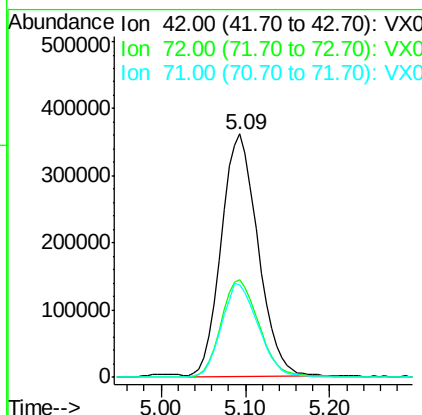
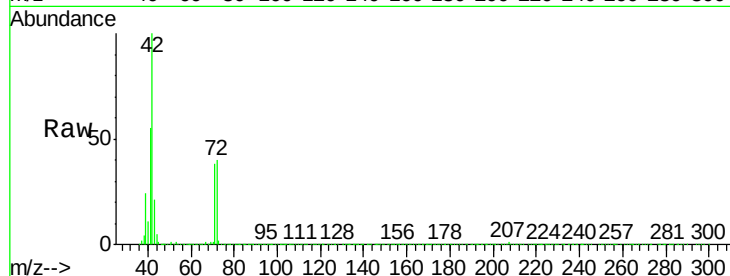
#29
Tetrahydrofuran
Concen: 263.089 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.0	49.6
71	38.8	30.6	45.8

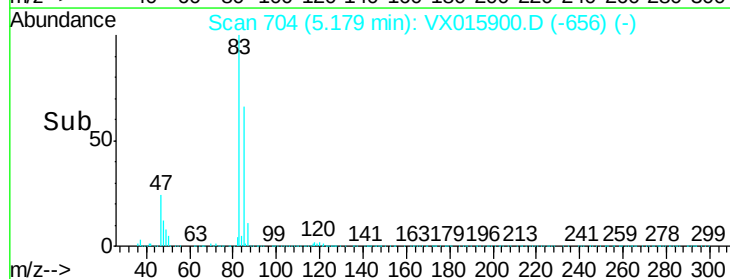
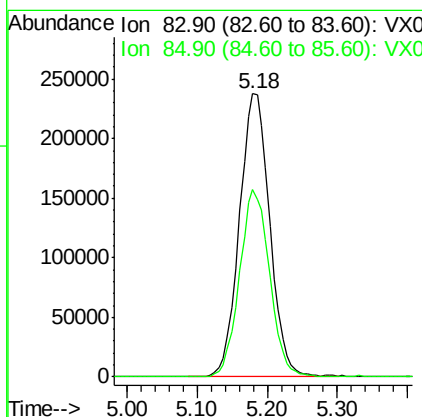
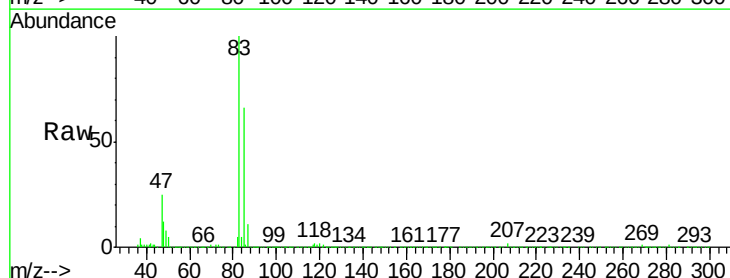
Manual Integrations
APPROVED

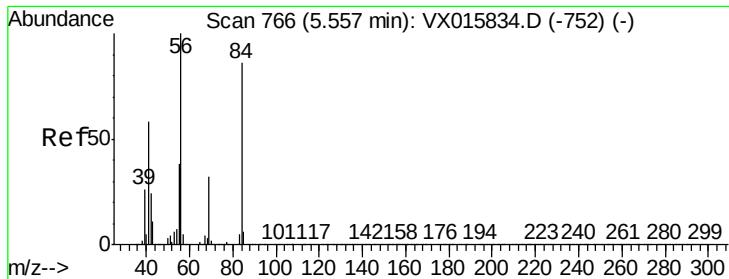
MMDadoda
4/24/2020 11:34:55 AM



#30
Chloroform
Concen: 51.467 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.4	80.0





#31

Cyclohexane

Concen: 51.566 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

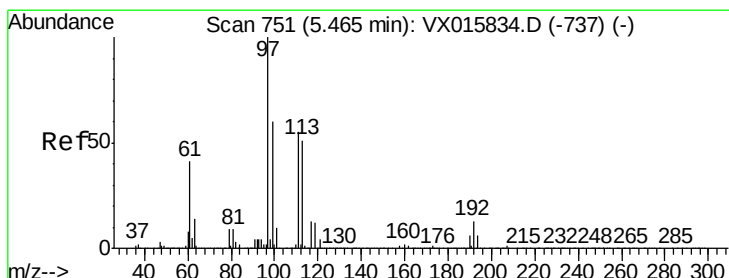
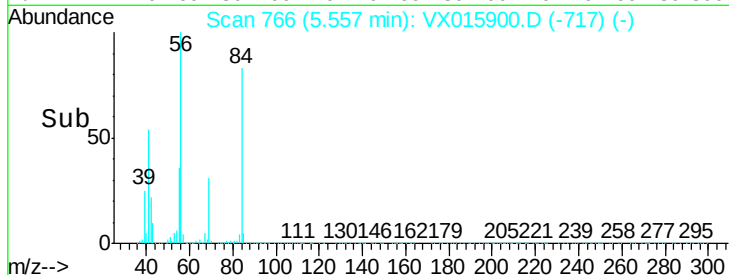
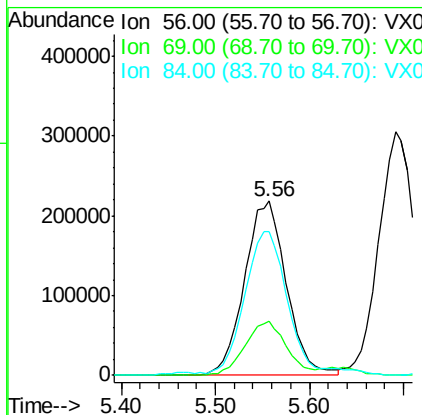
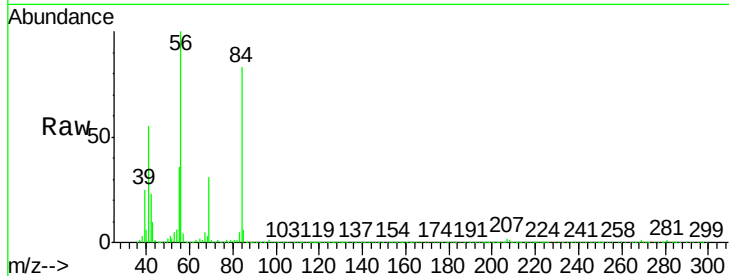
ClientSampleId :

S73-0240MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.3	37.9
84	81.5	69.1	103.7

Manual Integrations
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4/24/2020 11:34:55 AM



#32

1,1,1-Trichloroethane

Concen: 52.995 ug/l

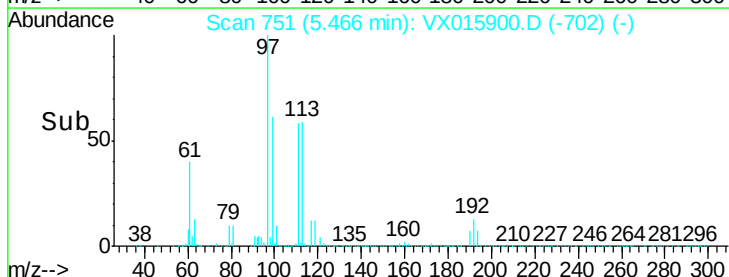
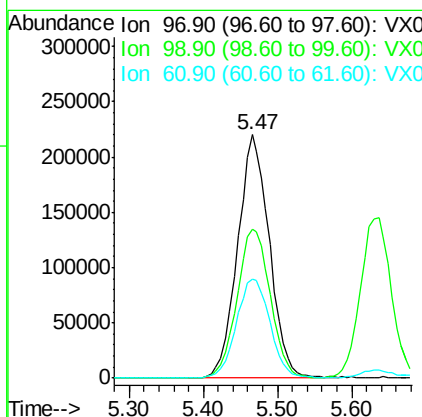
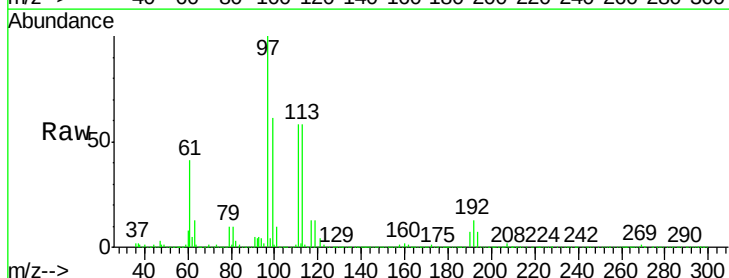
RT: 5.47 min Scan# 751

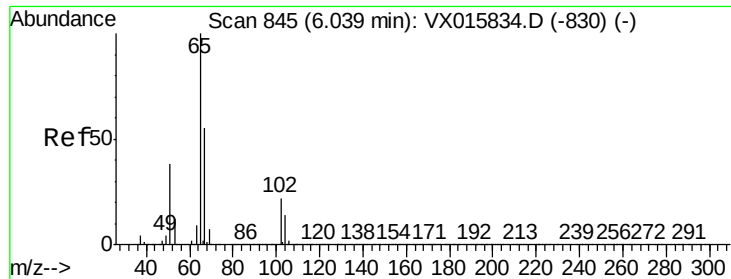
Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	42.9	34.1	51.1





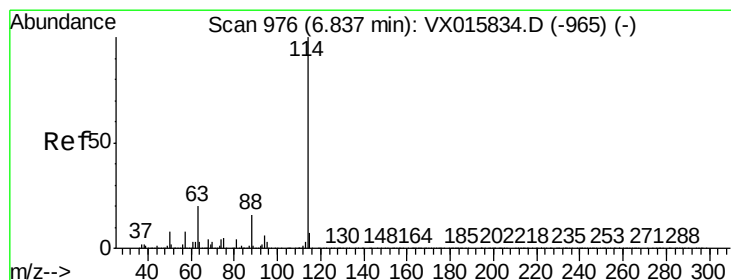
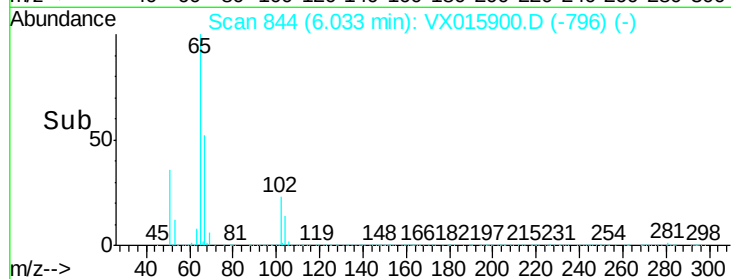
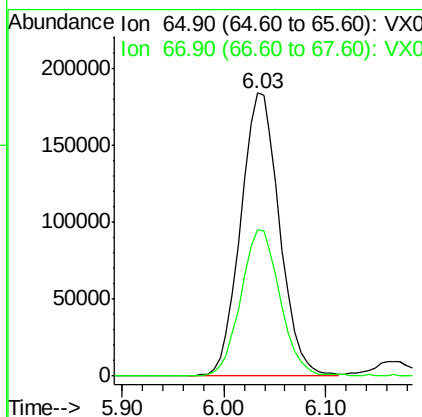
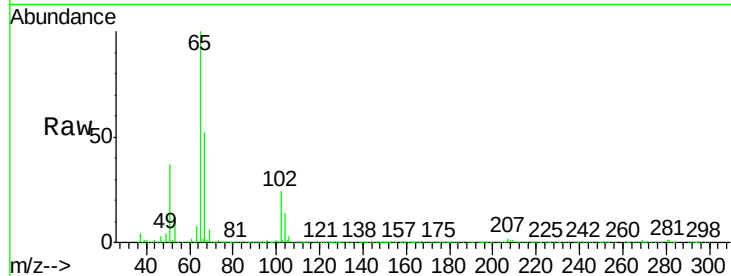
#33
 1,2-Dichloroethane-d4
 Concen: 53.826 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	483420		
67	52.0	0.0	104.2	

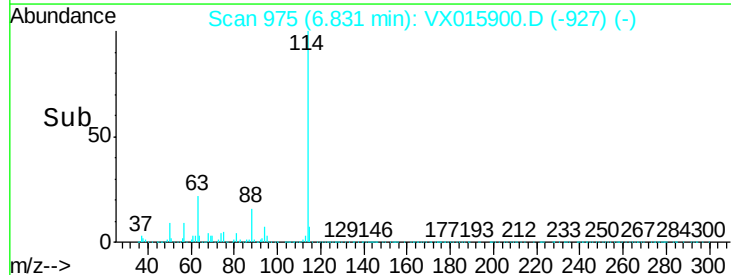
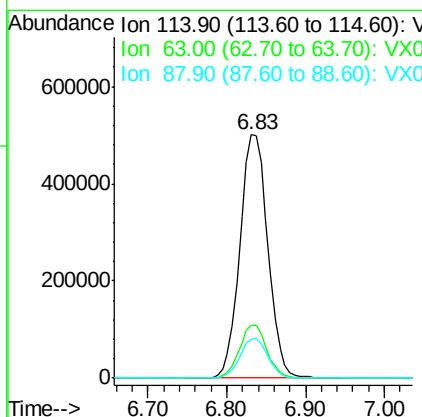
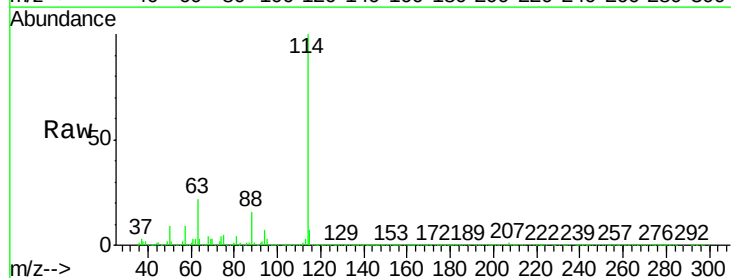
Manual Integrations
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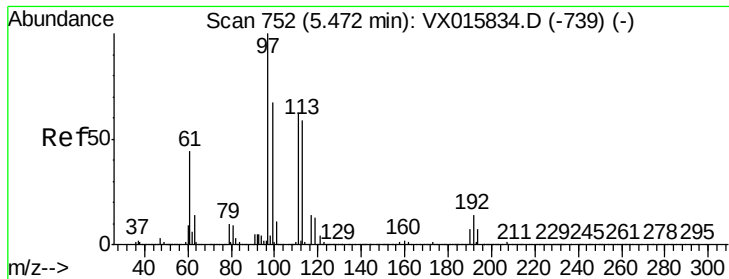
MMDadoda
 4/24/2020 11:34:55 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1237480		
63	21.8	0.0	40.6	
88	16.1	0.0	32.8	





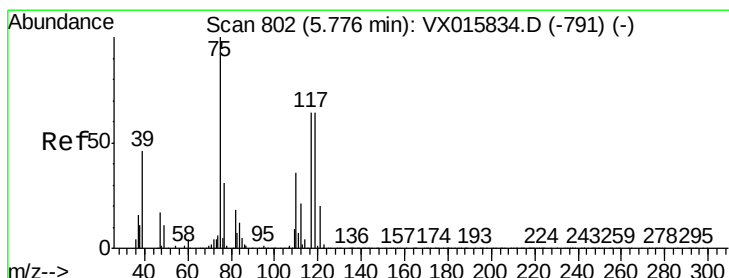
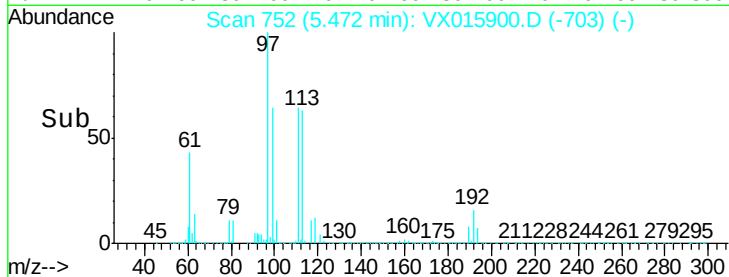
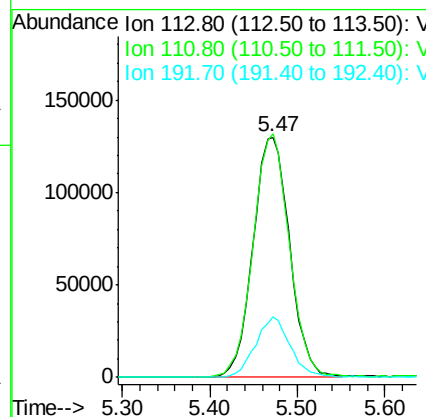
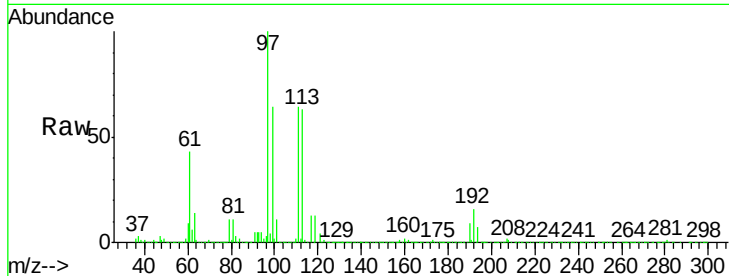
#35
 Dibromofluoromethane
 Concen: 52.878 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	377712		
111	100.7	82.7	124.1	
192	23.7	19.3	28.9	

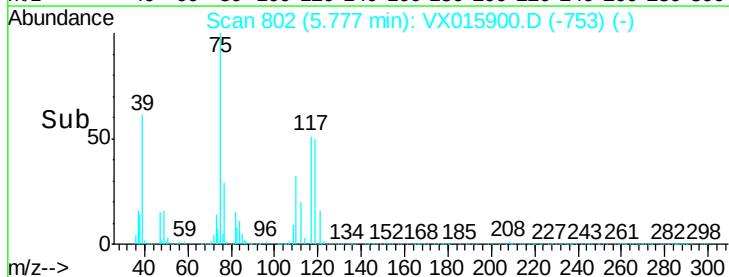
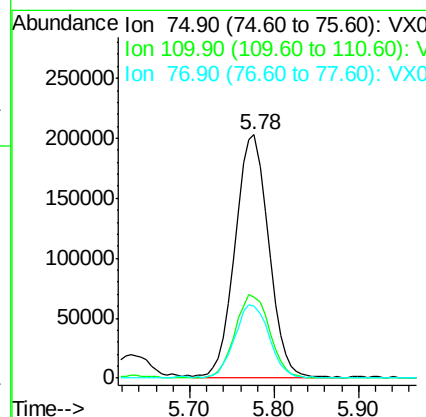
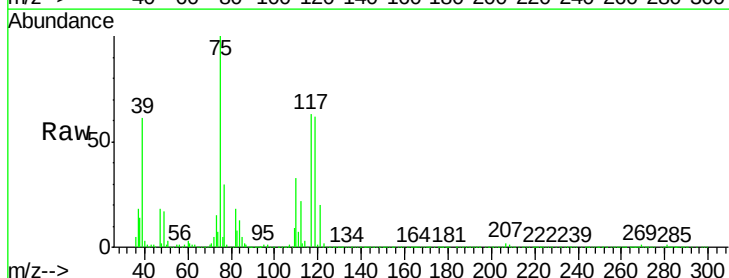
Manual Integrations
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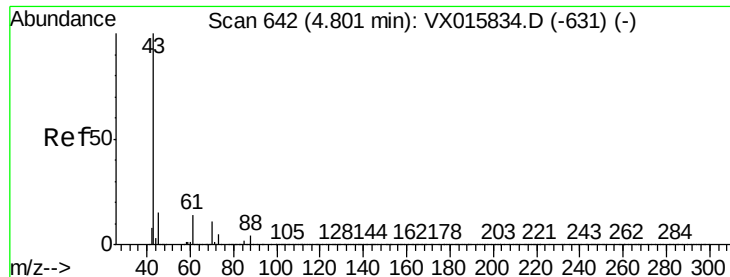
MMDadoda
 4/24/2020 11:34:55 AM



#36
 1,1-Dichloropropene
 Concen: 49.617 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	544325		
110	35.4	17.9	53.8	
77	30.3	24.5	36.7	





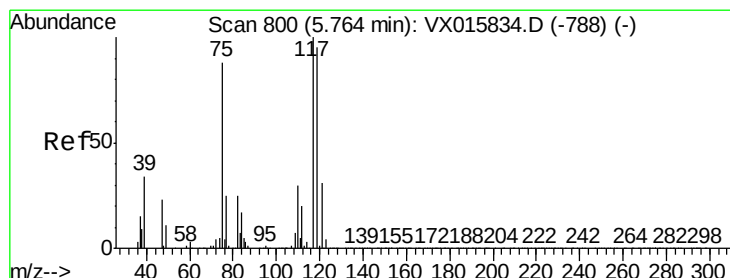
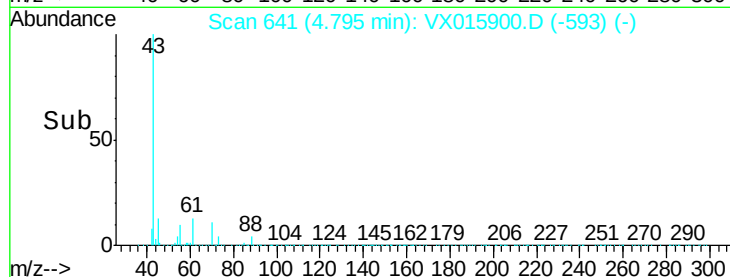
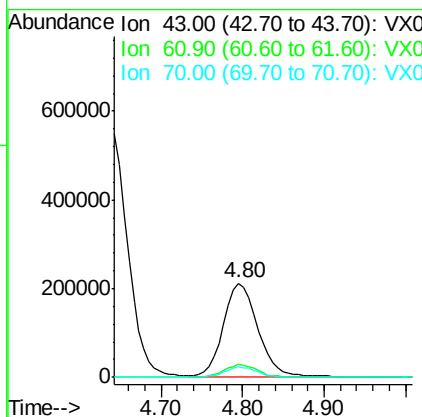
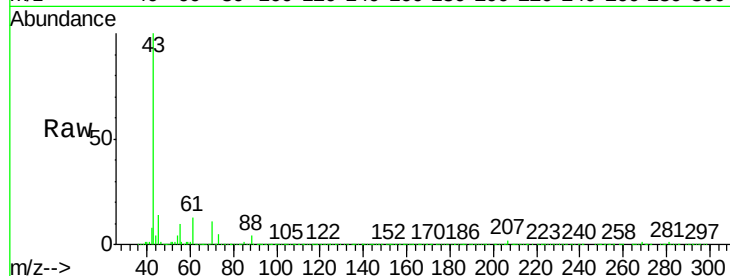
#37
Ethyl Acetate
Concen: 46.903 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	43	Resp	612378
Ion Ratio	Lower	Upper	
43	100		
61	12.8	10.8	16.2
70	10.5	8.2	12.2

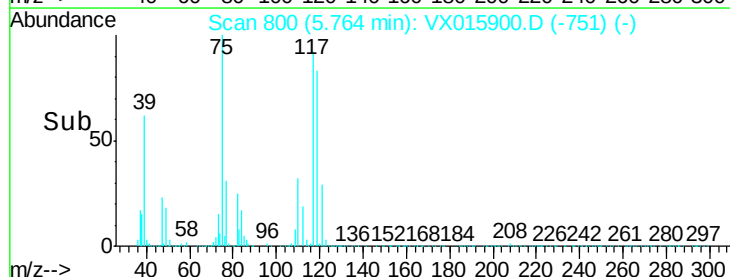
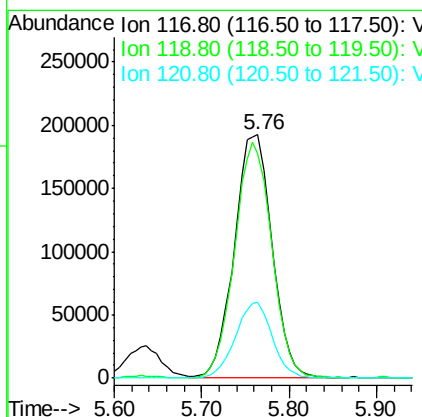
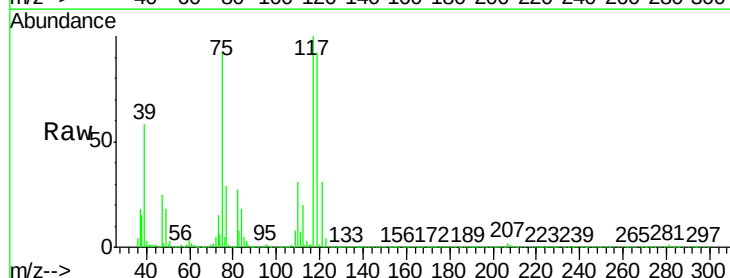
Manual Integrations
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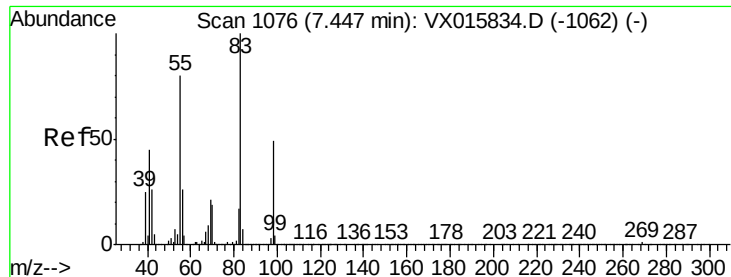
MMDadoda
4/24/2020 11:34:55 AM



#38
Carbon Tetrachloride
Concen: 53.089 ug/l
RT: 5.76 min Scan# 800
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	117	Resp	573681
Ion Ratio	Lower	Upper	
117	100		
119	92.1	75.7	113.5
121	31.1	25.0	37.6





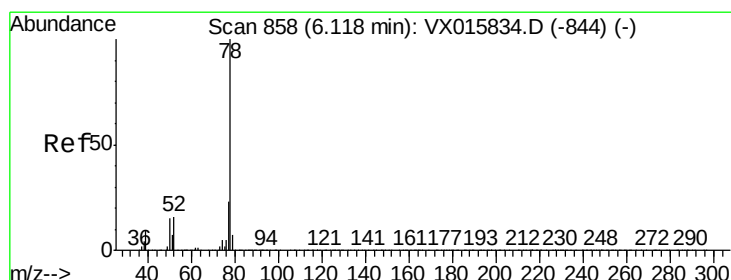
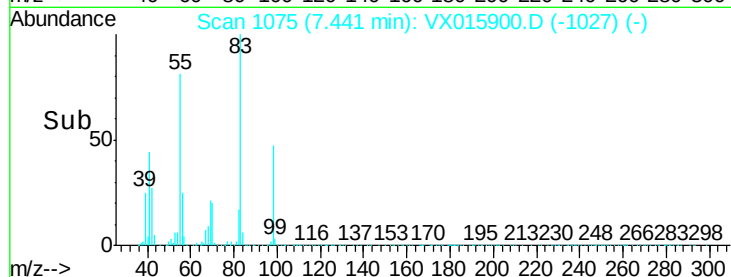
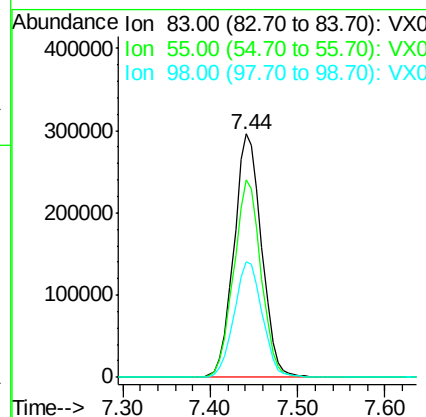
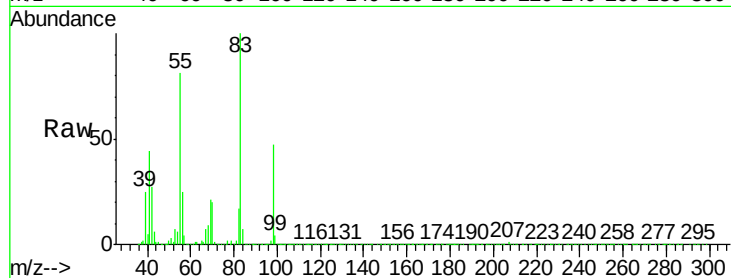
#39
Methylvlcyclohexane
Concen: 46.793 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	650069		
55	81.3		64.2	96.4
98	47.4		39.3	58.9

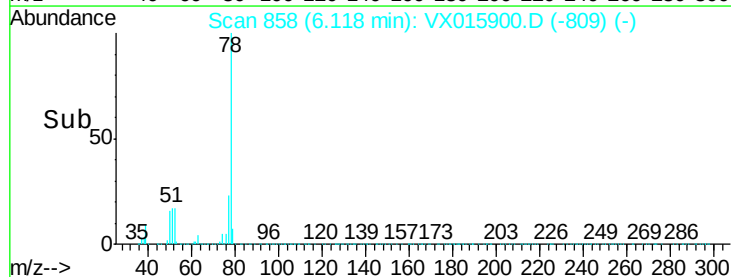
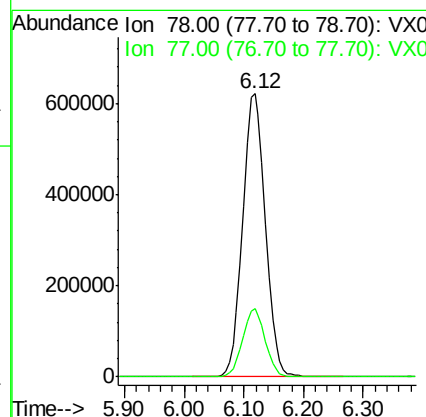
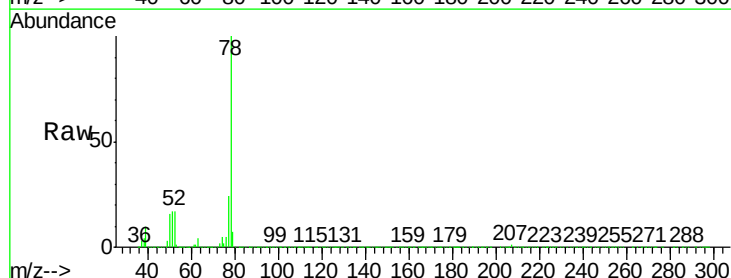
Manual Integrations
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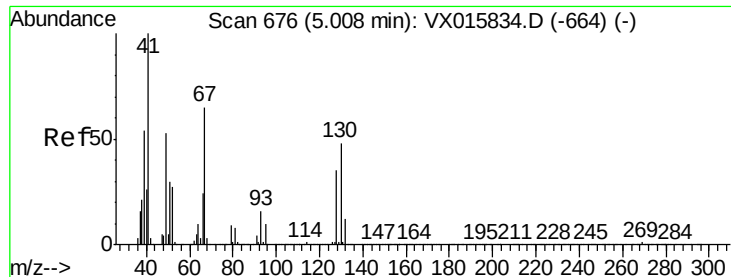
MMDadoda
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#40
Benzene
Concen: 49.937 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1649983		
77	23.9		18.6	27.8





#41

Methacrylonitrile

Concen: 51.660 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

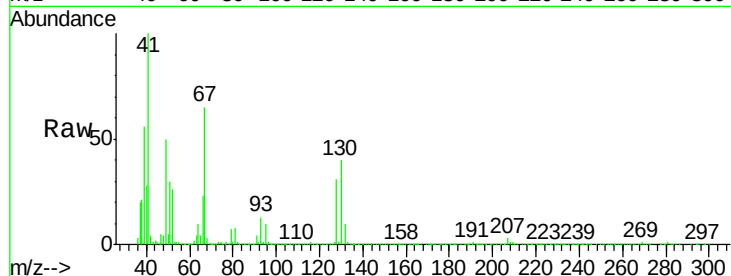
ClientSampleId :

S73-0240MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	42.4	63.6	
67	64.6	51.9	77.9	
52	26.5	21.0	31.4	

Manual Integrations
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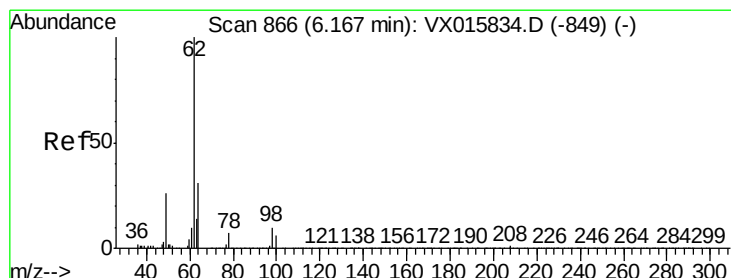
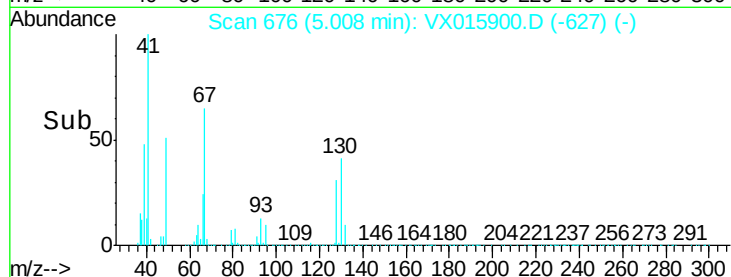
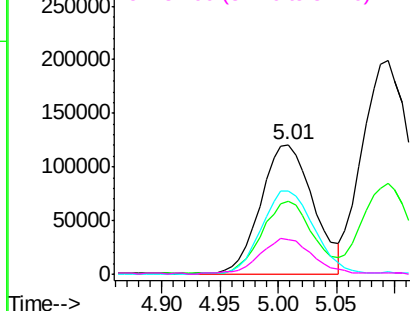
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.265 ug/l

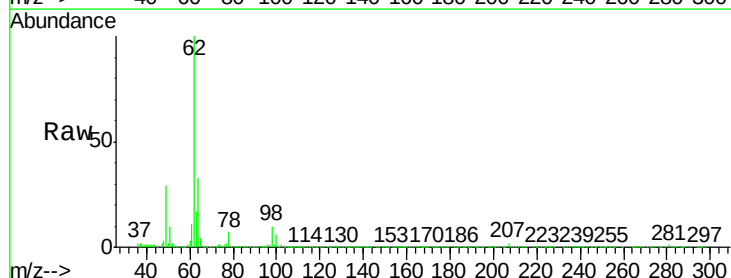
RT: 6.17 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

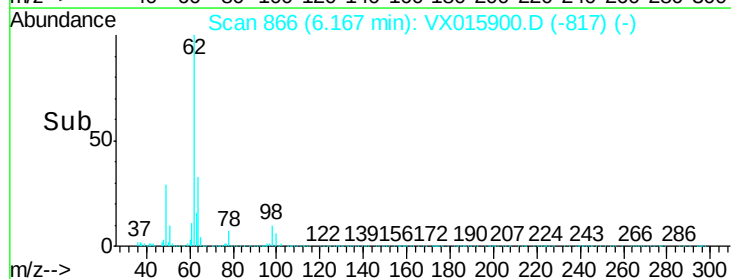
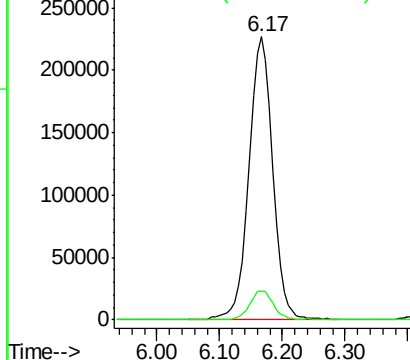
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.0	

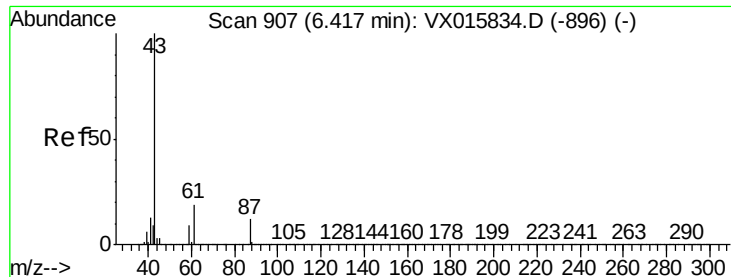


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.051 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 43 Resp: 1058258

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.2

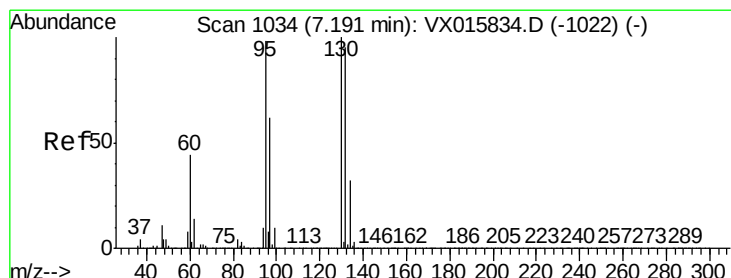
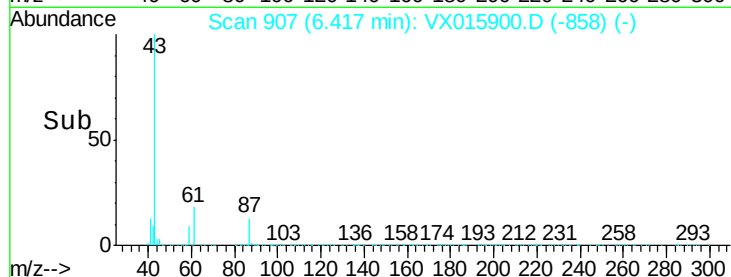
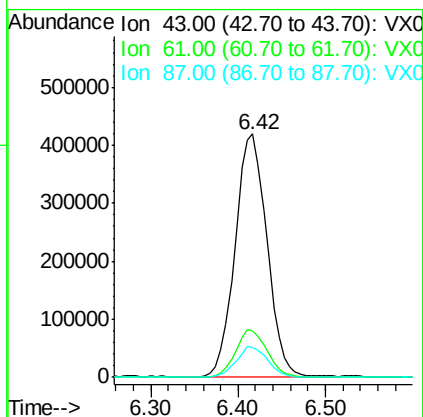
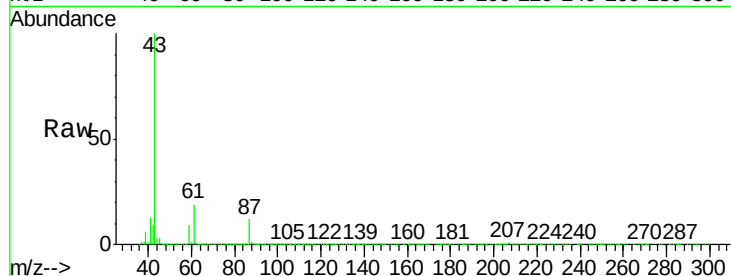
87 12.4 9.8 14.6

Manual Integrations

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MMDadoda

4/24/2020 11:34:55 AM



#44

Trichloroethene

Concen: 46.111 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015900.D

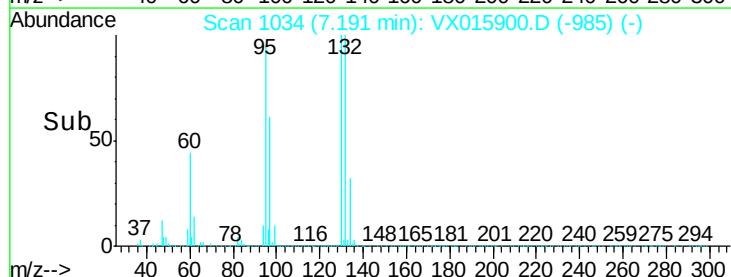
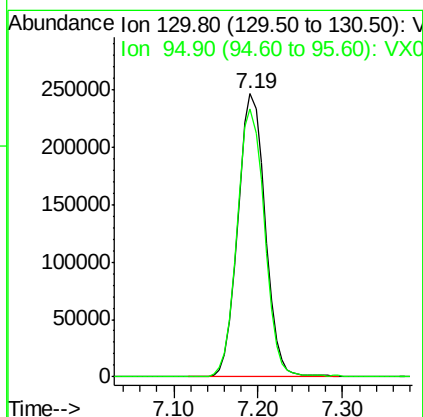
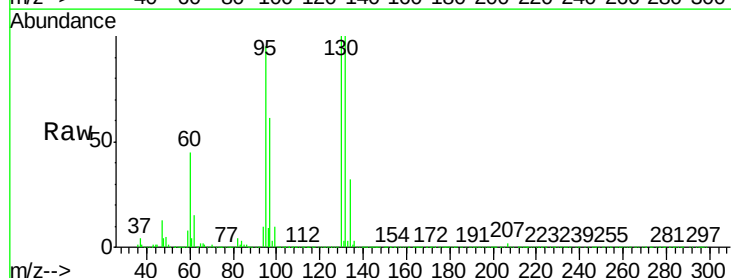
Acq: 23 Apr 2020 18:54

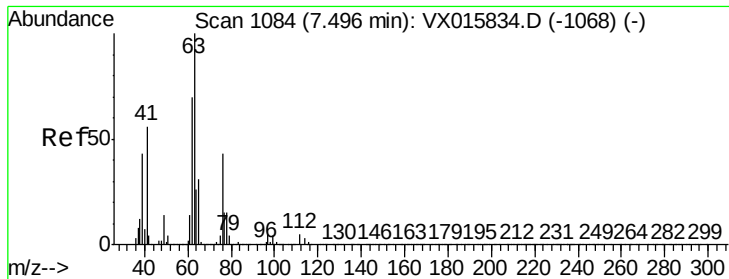
Tgt Ion:130 Resp: 535429

Ion Ratio Lower Upper

130 100

95 94.7 0.0 195.8





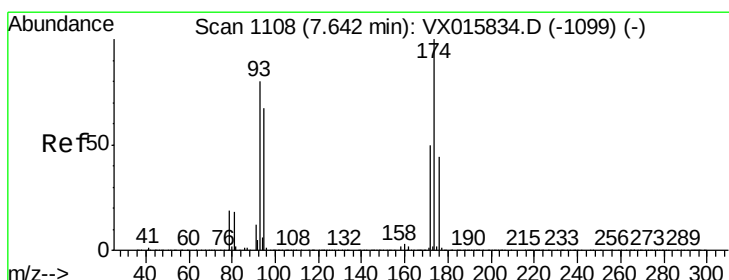
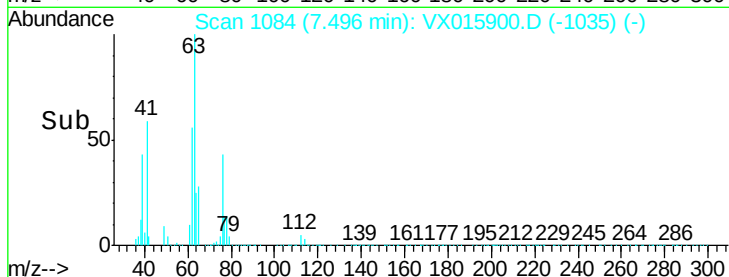
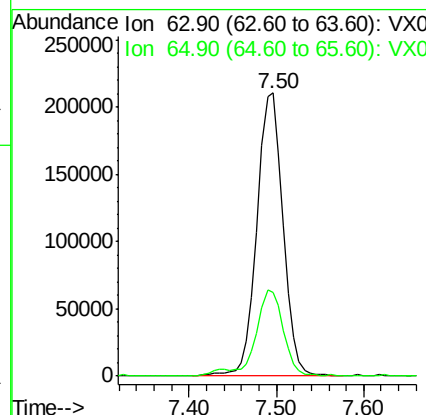
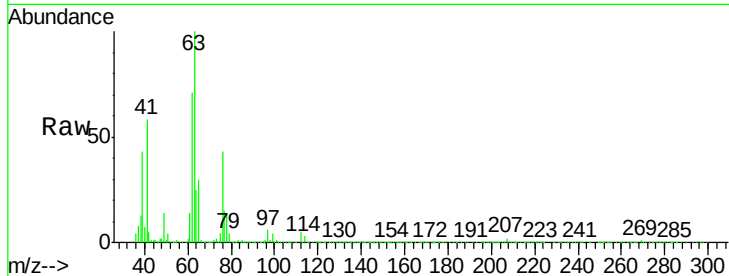
#45
 1,2-Dichloropropane
 Concen: 50.266 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Tot Ion	Ratio	Resp	Lower	Upper
63	100	435252		
65	29.6		24.5	36.7

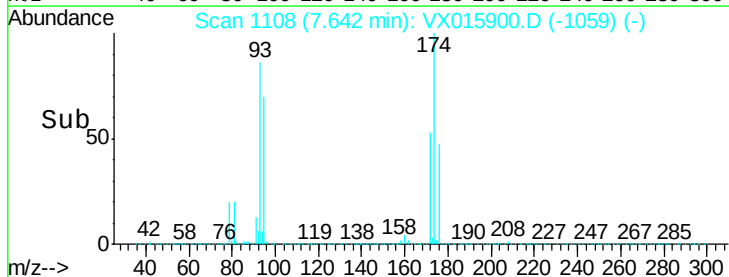
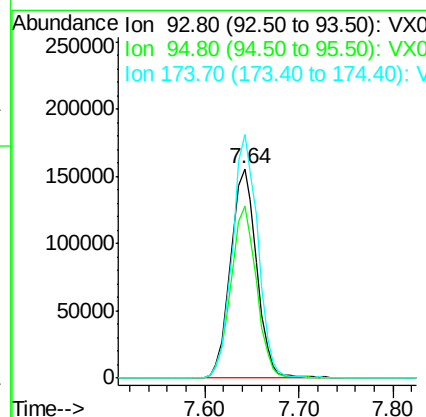
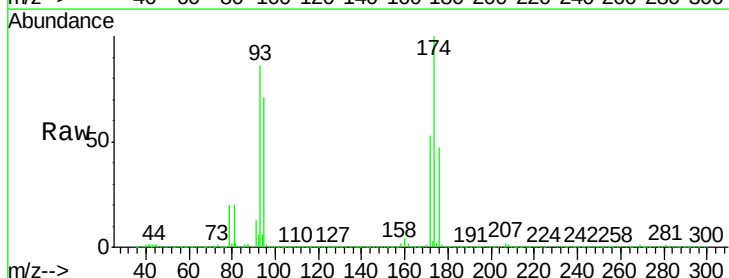
Manual Integrations
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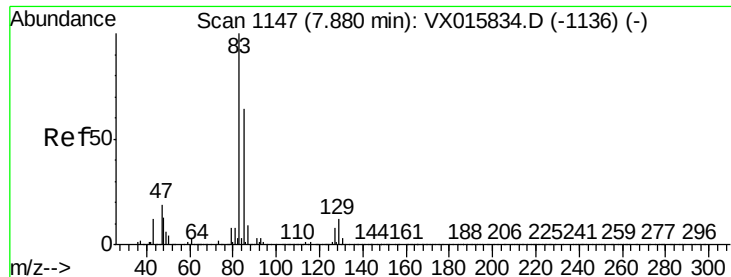
MMDadoda
 4/24/2020 11:34:55 AM



#46
 Dibromomethane
 Concen: 47.611 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	300948		
95	81.0		65.8	98.8
174	113.8		95.6	143.4





#47

Bromodichloromethane

Concen: 52.123 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

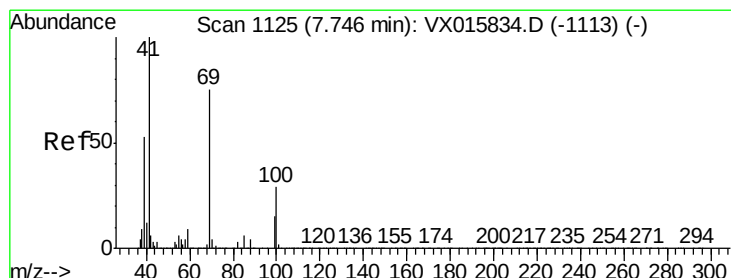
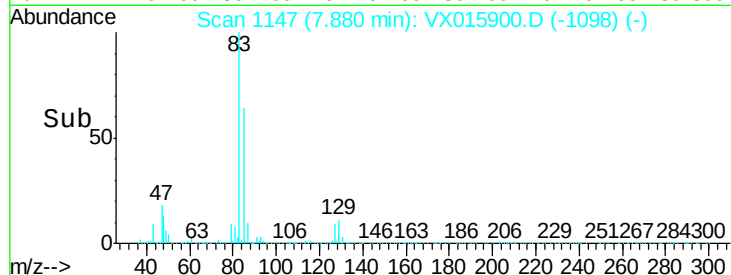
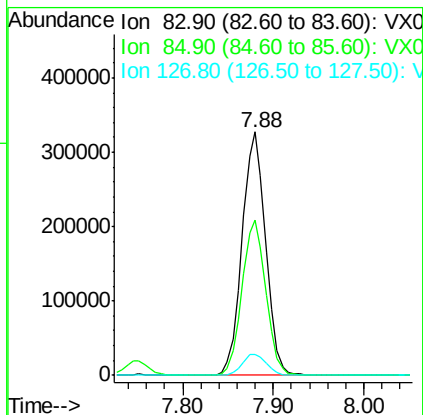
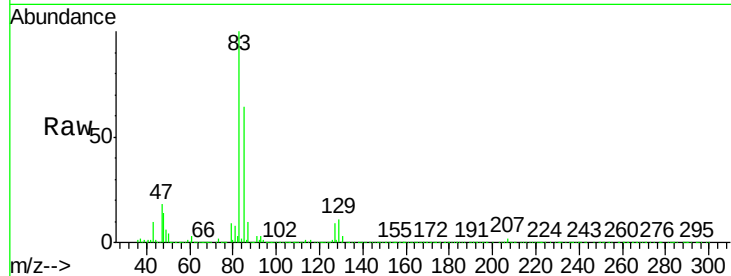
ClientSampleId :

S73-0240MS

Tot Ion:	83	Resp:	586129
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.8	76.2
127	8.7	6.6	10.0

Manual Integrations
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MMDadoda
4/24/2020 11:34:55 AM



#48

Methyl methacrylate

Concen: 50.388 ug/l

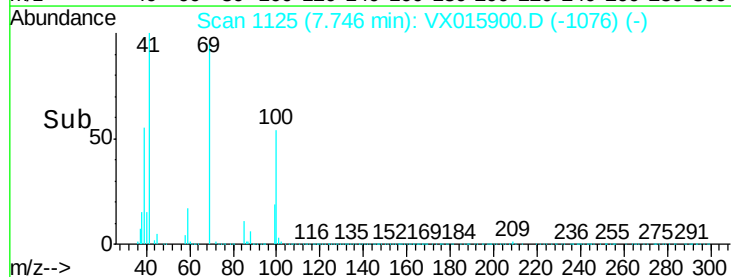
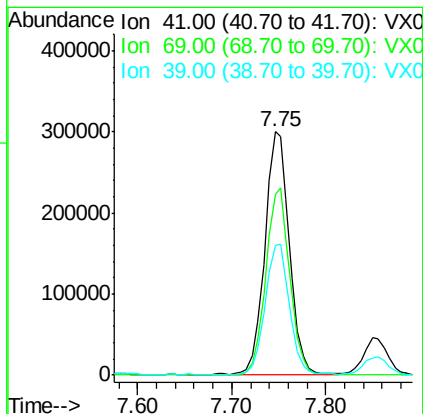
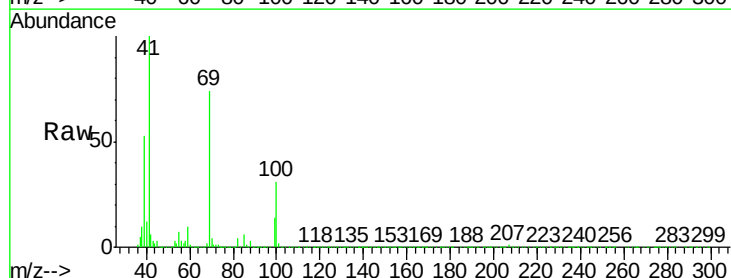
RT: 7.75 min Scan# 1125

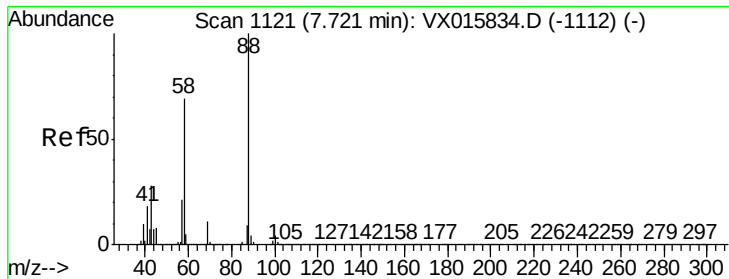
Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion:	41	Resp:	545872
Ion Ratio	Lower	Upper	
41	100		
69	75.7	60.5	90.7
39	53.4	42.1	63.1





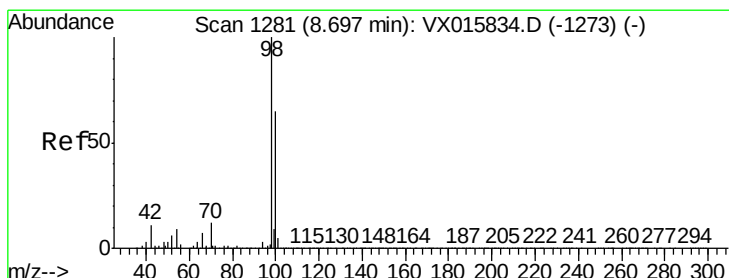
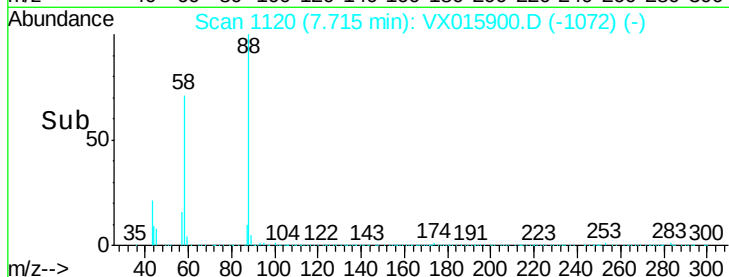
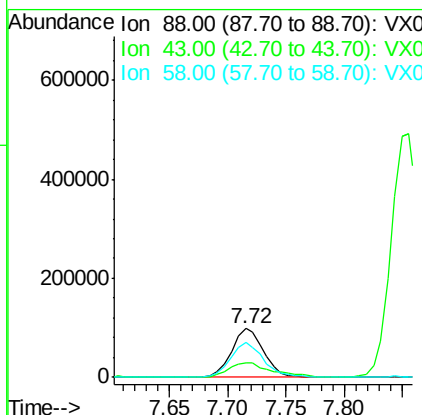
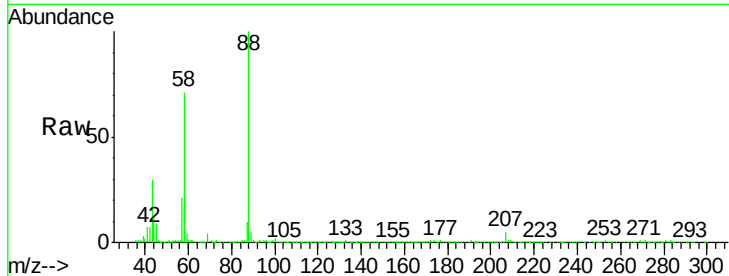
#49
1,4-Dioxane
Concen: 919.362 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	28.2	42.4
58	73.8	58.9	88.3

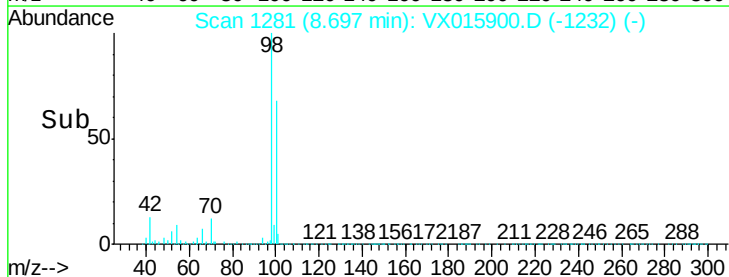
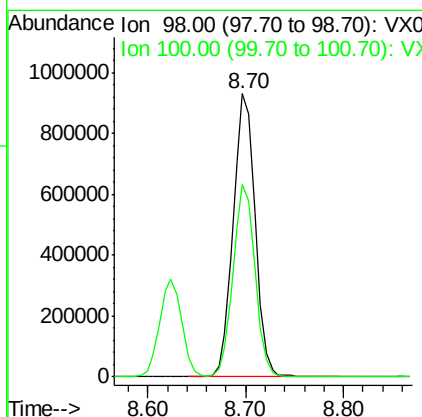
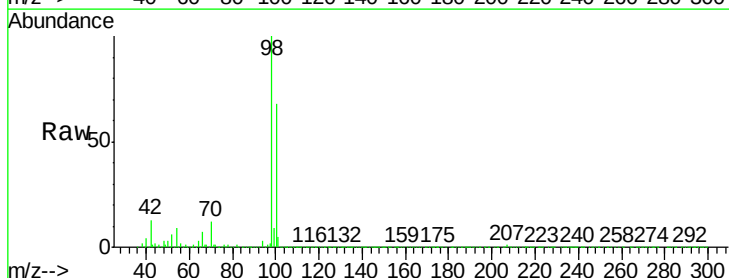
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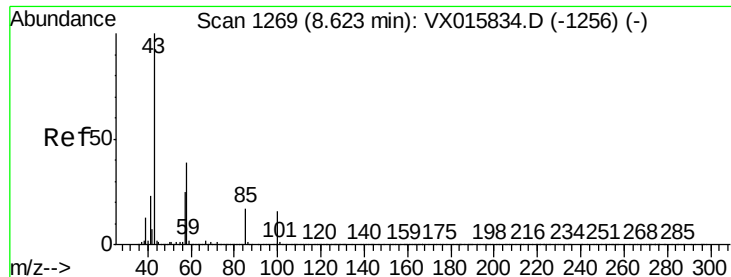
MMDadoda
4/24/2020 11:34:55 AM



#50
Toluene-d8
Concen: 50.555 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.8	80.6





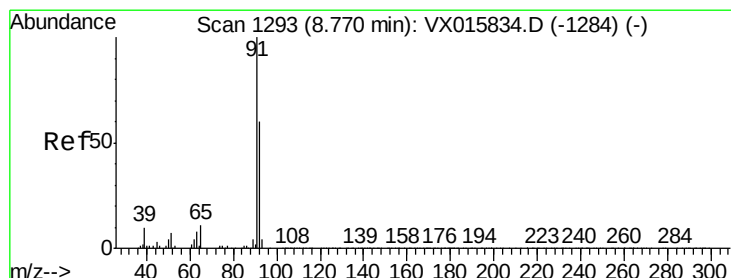
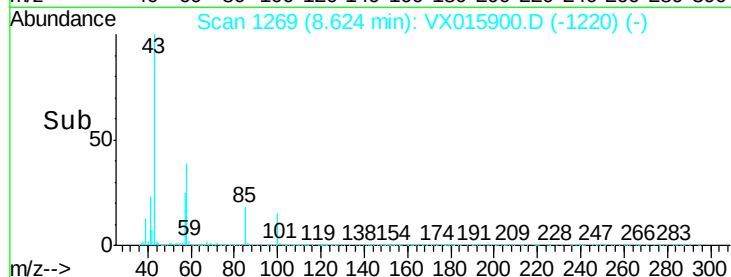
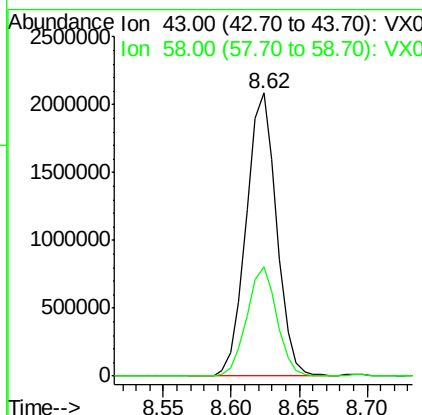
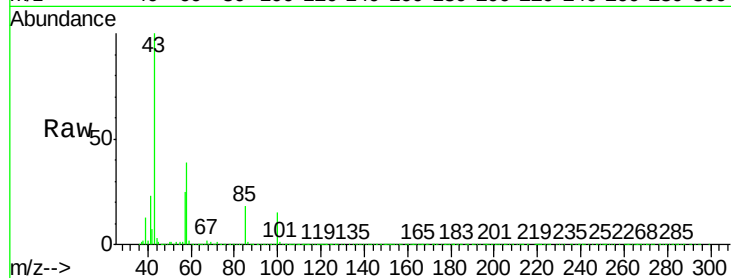
#51
4-Methyl-2-Pentanone
Concen: 256.314 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion: 43 Resp: 3258367
Ion Ratio Lower Upper
43 100
58 38.3 30.6 45.8

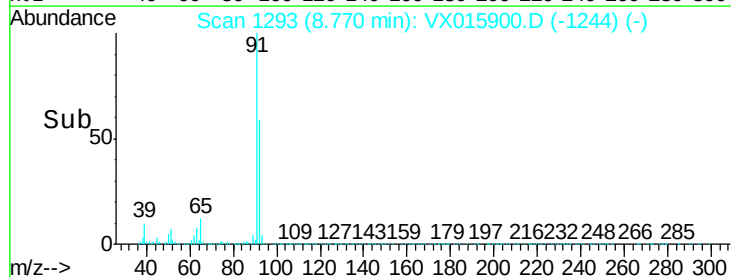
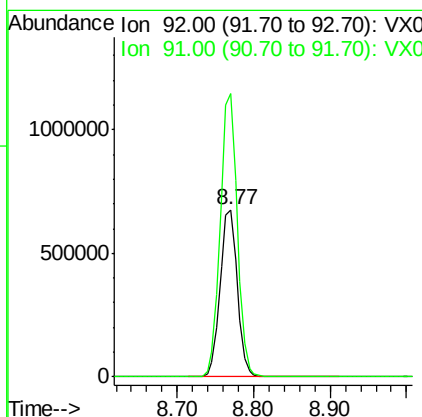
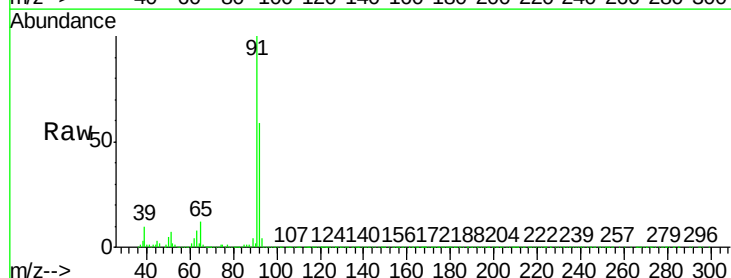
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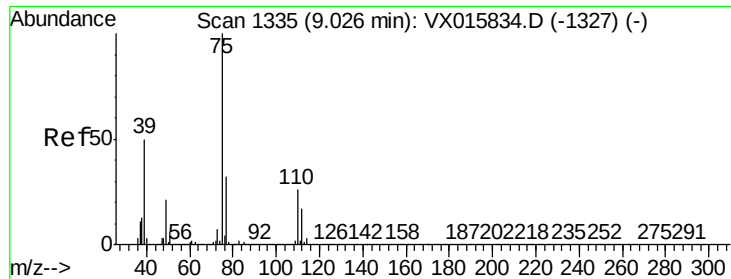
MMDadoda
4/24/2020 11:34:55 AM



#52
Toluene
Concen: 49.619 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion: 92 Resp: 1050879
Ion Ratio Lower Upper
92 100
91 168.4 133.4 200.0





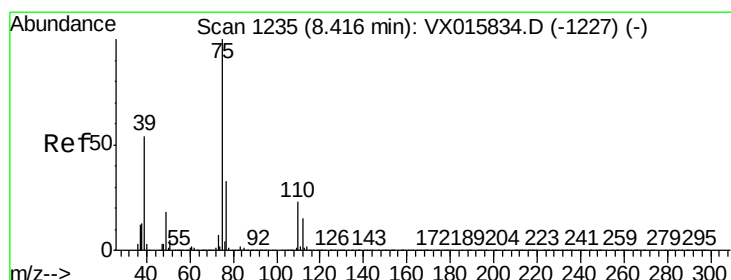
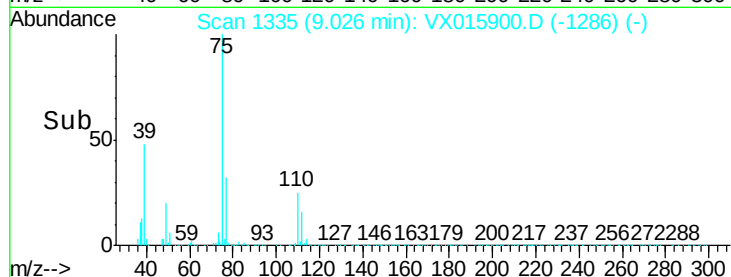
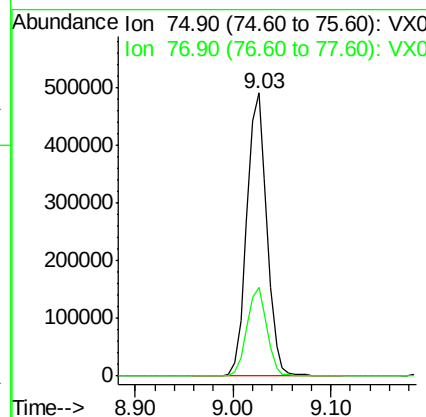
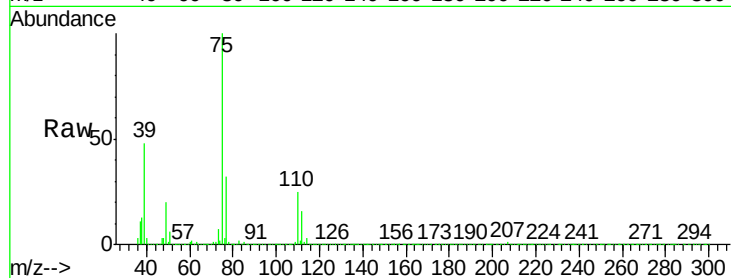
#53
t-1,3-Dichloropropene
Concen: 49.991 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampled :
S73-0240MS

Tot Ion	Ratio	Resp	Lower	Upper
75	100	697495		
77	31.5	25.9	38.9	

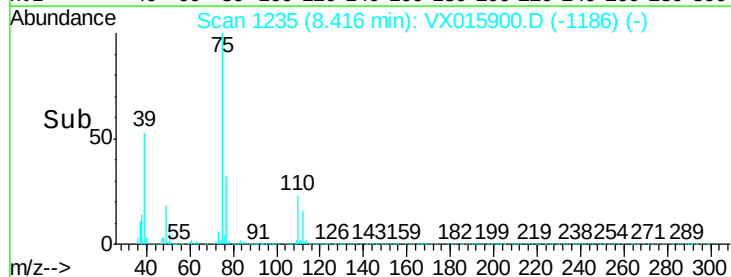
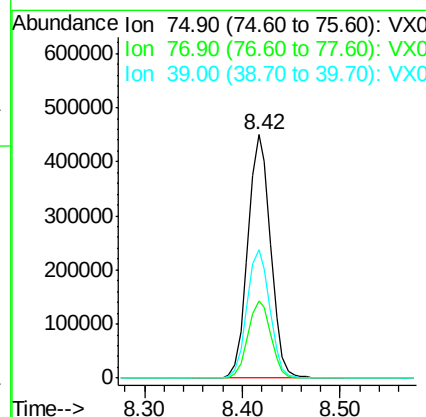
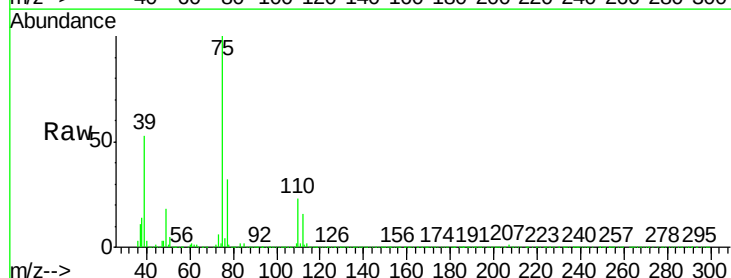
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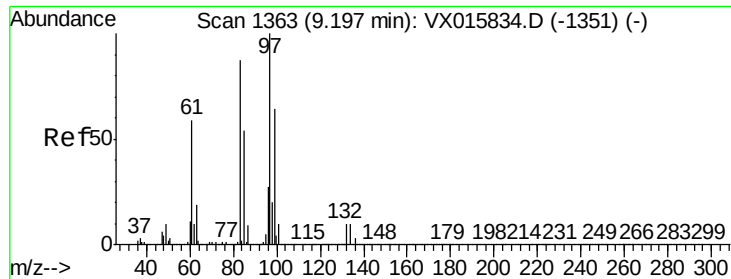
MMDadoda
4/24/2020 11:34:55 AM



#54
cis-1,3-Dichloropropene
Concen: 49.070 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	723607		
77	31.7	26.0	39.0	
39	52.7	42.8	64.2	





#55

1,1,2-Trichloroethane

Concen: 51.937 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

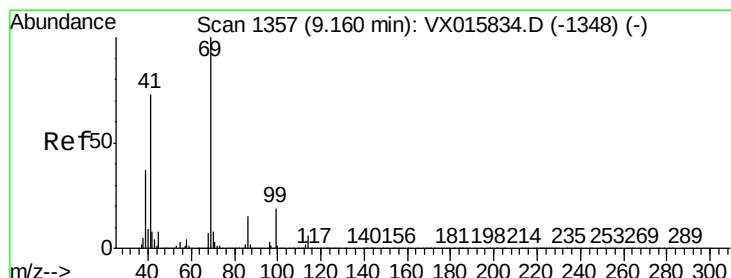
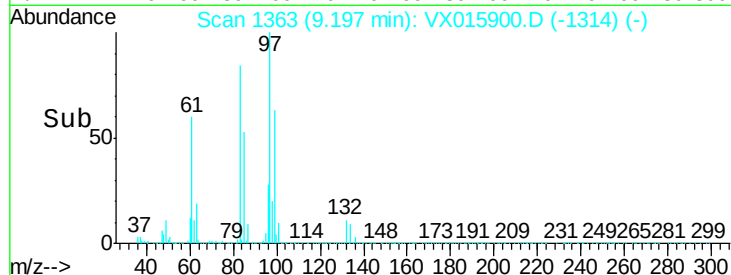
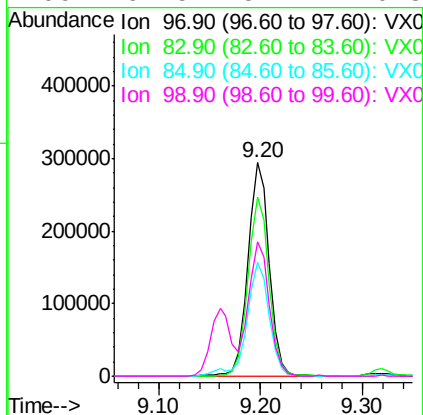
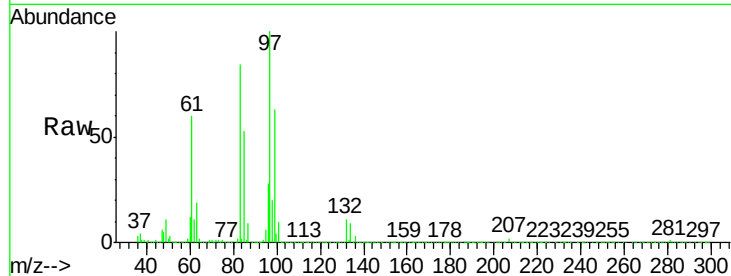
ClientSampleId :

S73-0240MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		429510		
83	84.0	69.8	104.8		
85	53.1	43.4	65.2		
99	62.5	51.2	76.8		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.682 ug/l

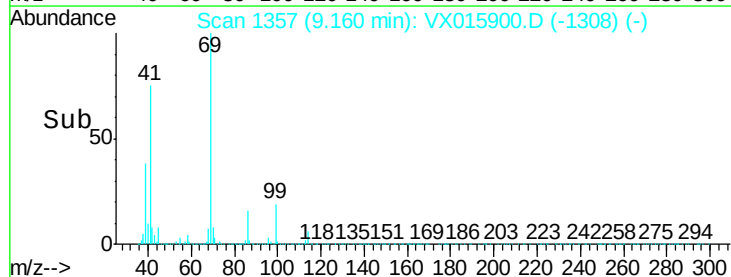
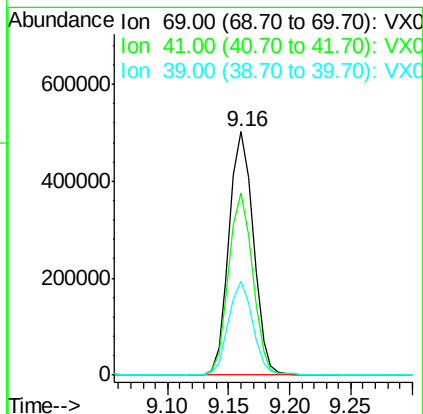
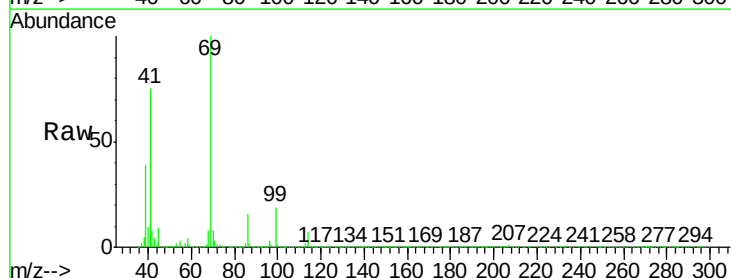
RT: 9.16 min Scan# 1357

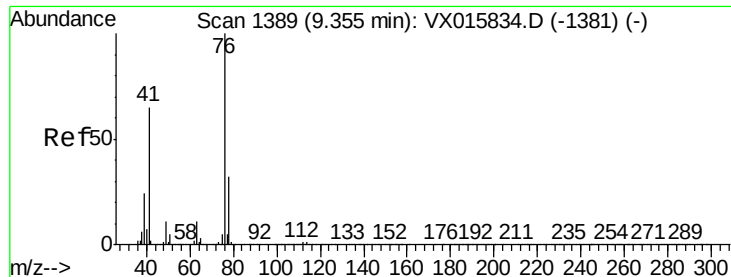
Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		695937		
41	73.4	57.4	86.2		
39	38.3	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 50.663 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 76 Resp: 728070

Ion Ratio Lower Upper

76 100

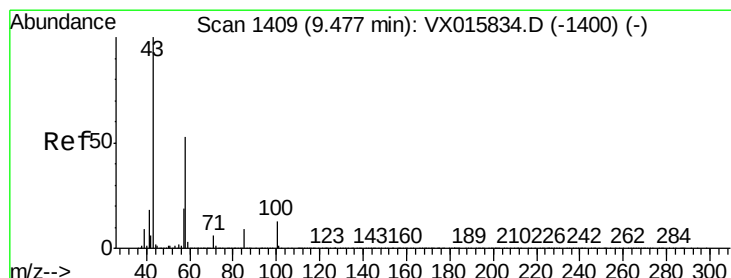
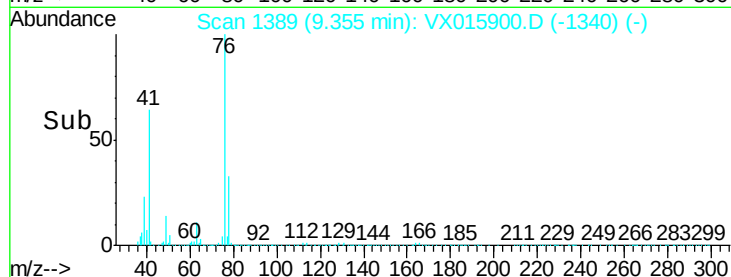
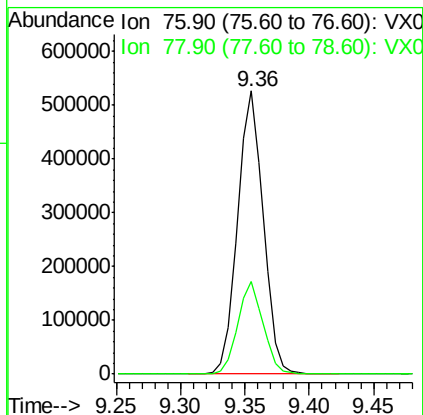
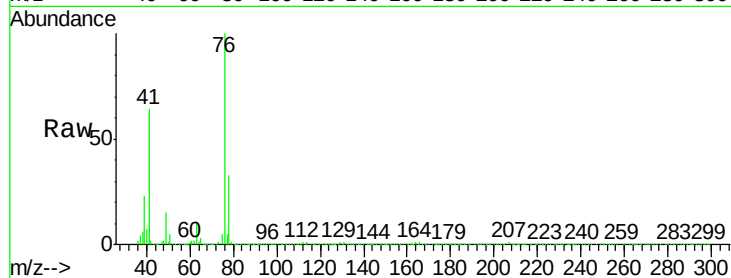
78 32.0 25.4 38.2

Manual Integrations

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#59

2-Hexanone

Concen: 256.314 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015900.D

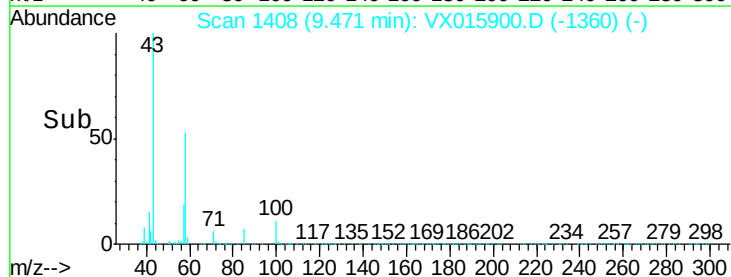
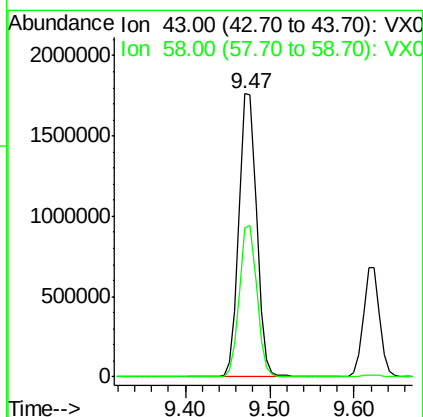
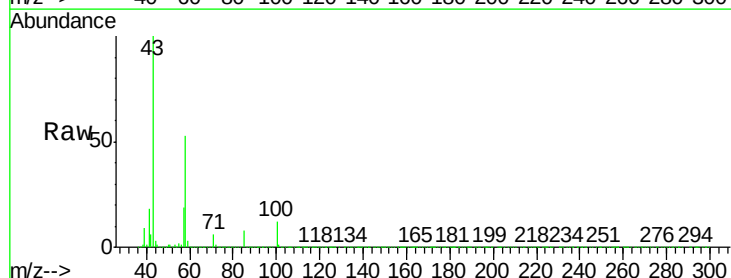
Acq: 23 Apr 2020 18:54

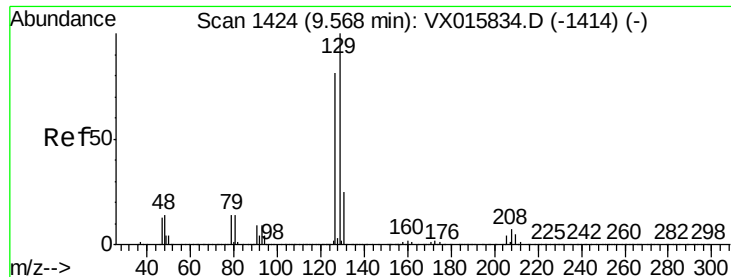
Tgt Ion: 43 Resp: 2482243

Ion Ratio Lower Upper

43 100

58 52.7 26.5 79.4





#60

Dibromochloromethane

Concen: 55.154 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion:129 Resp: 471036

Ion Ratio Lower Upper

129 100

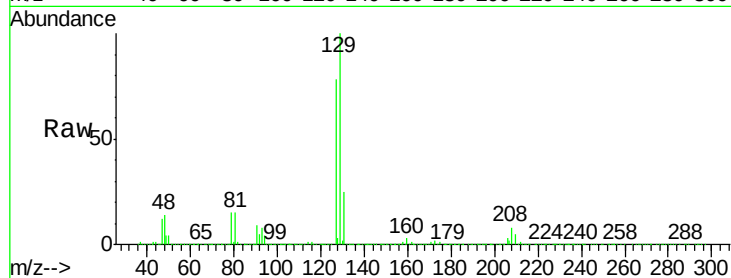
127 78.2 40.0 120.0

Manual Integrations

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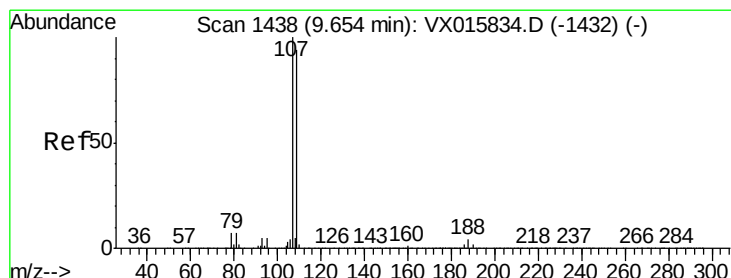
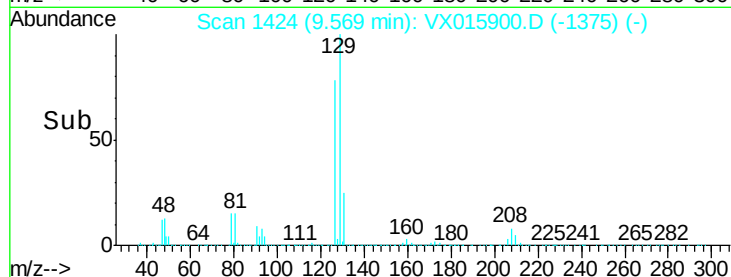
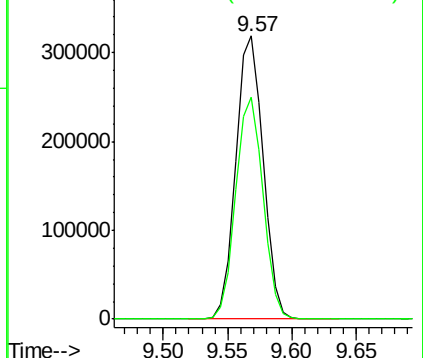
MMDadoda

4/24/2020 11:34:55 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.437 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015900.D

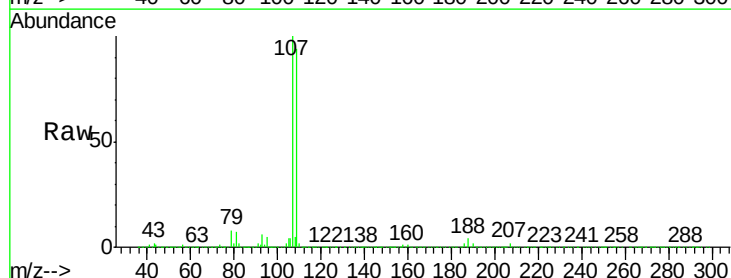
Acq: 23 Apr 2020 18:54

Tgt Ion:107 Resp: 451855

Ion Ratio Lower Upper

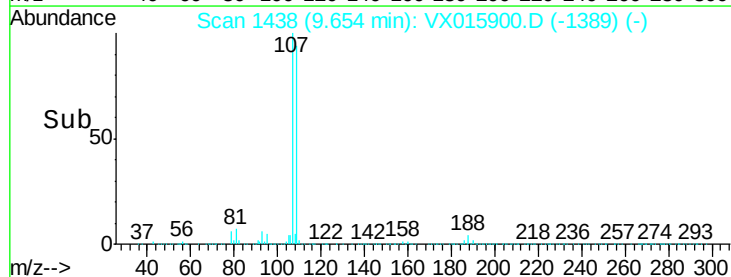
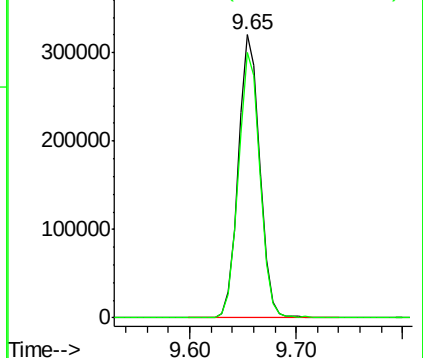
107 100

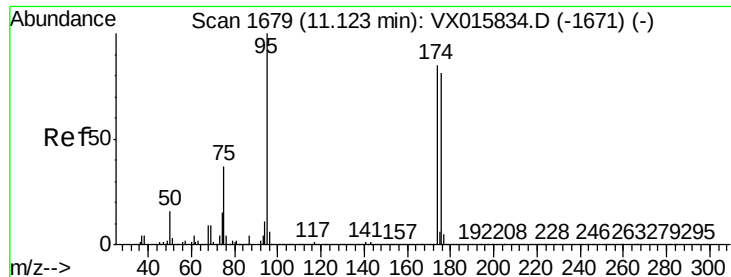
109 94.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.850 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

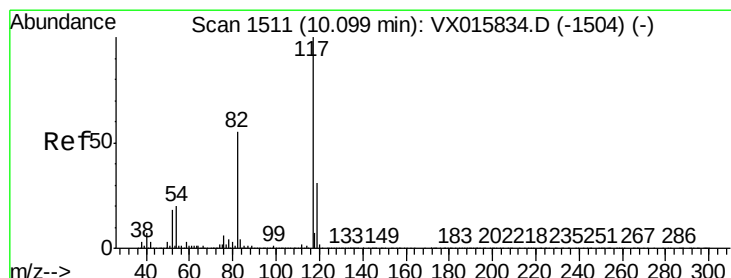
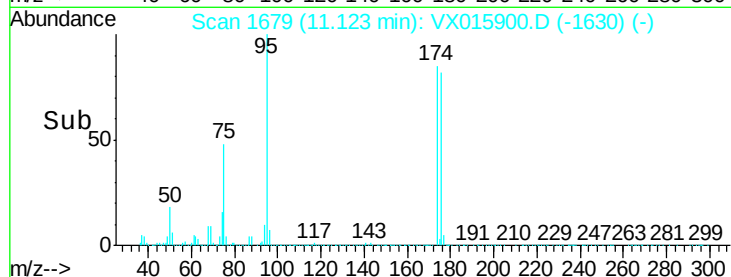
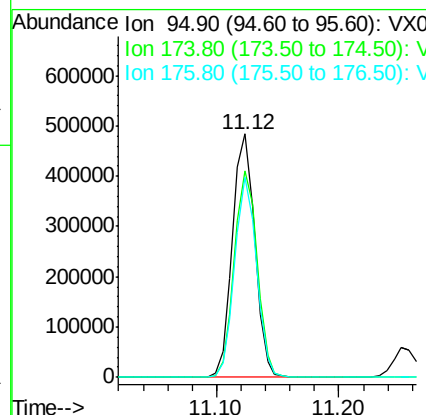
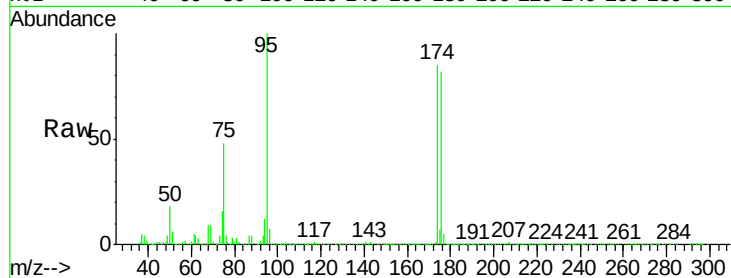
ClientSampleId :

S73-0240MS

Tot Ion:	95	Resp:	611636
Ion Ratio	Lower	Upper	
95	100		
174	86.5	0.0	172.4
176	79.9	0.0	167.0

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:34:55 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

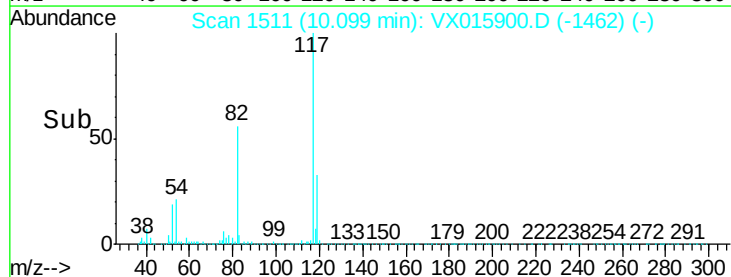
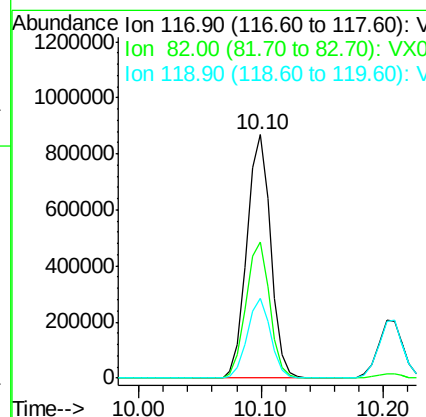
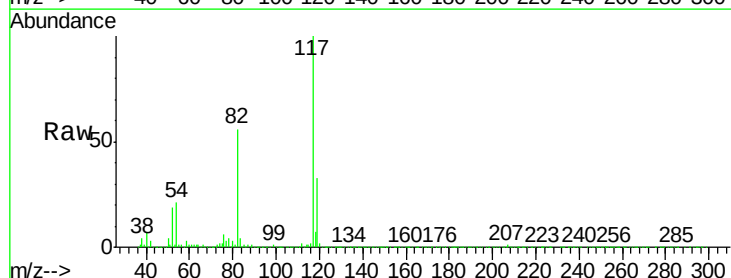
RT: 10.10 min Scan# 1511

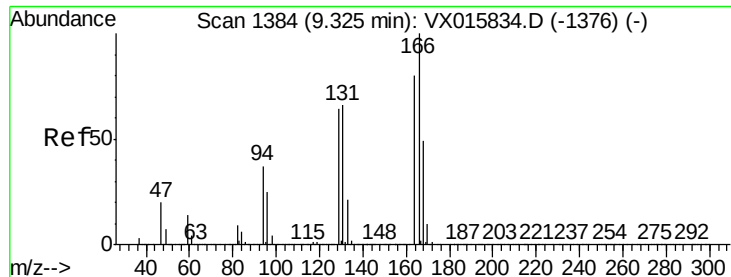
Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion:	117	Resp:	1171216
Ion Ratio	Lower	Upper	
117	100		
82	55.9	43.9	65.9
119	32.7	25.1	37.7





#64

Tetrachloroethene

Concen: 43.256 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

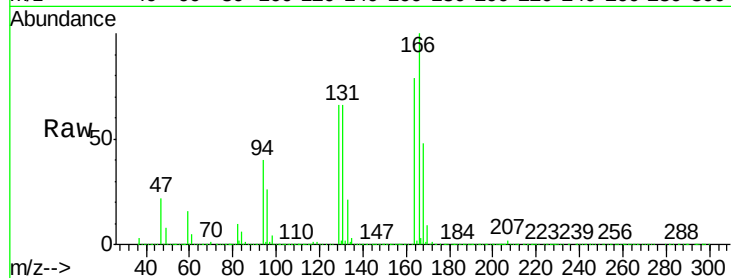
ClientSampleId :

S73-0240MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.2	150.2
129	84.1	64.5	96.7
131	83.8	65.9	98.9

Manual Integrations
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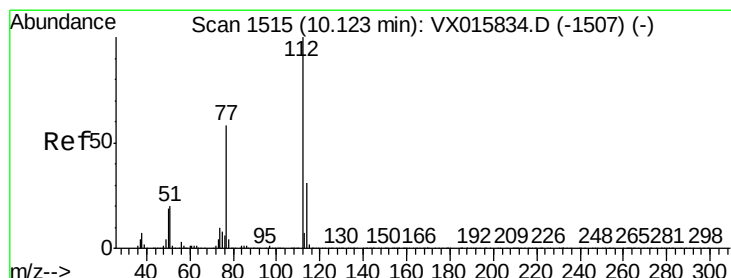
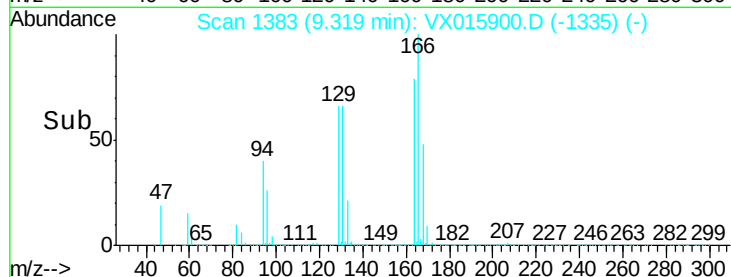
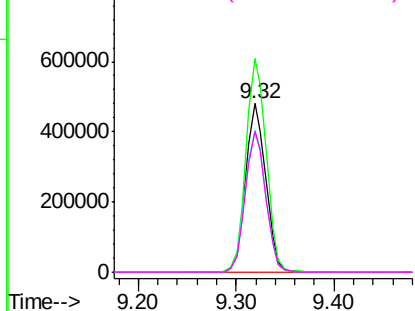


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.309 ug/l

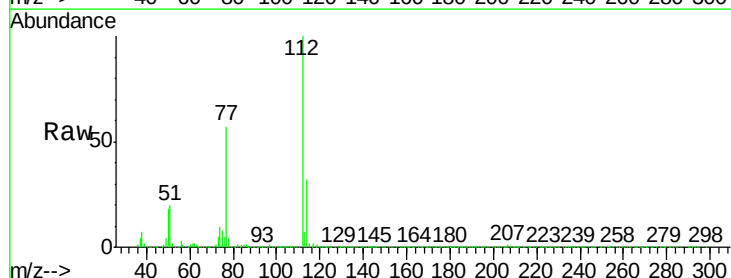
RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015900.D

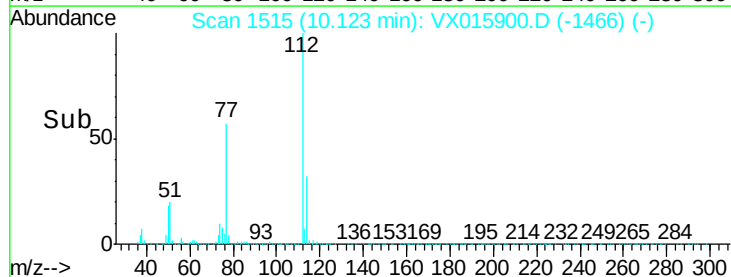
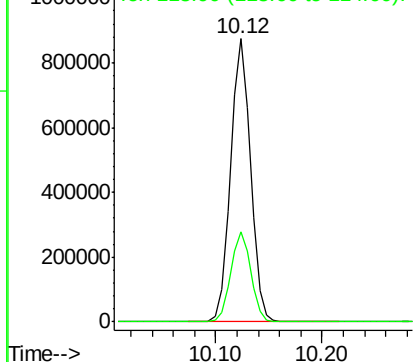
Acq: 23 Apr 2020 18:54

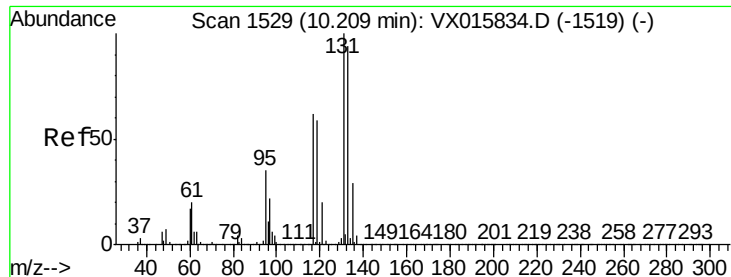
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.0	37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.566 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

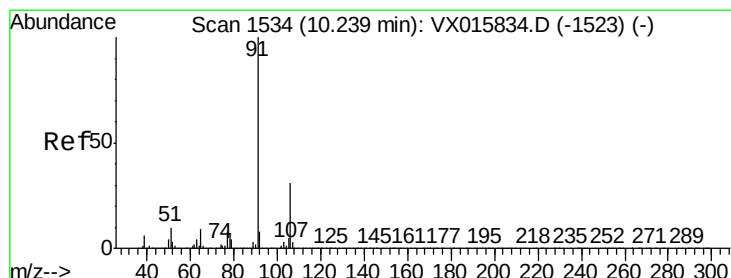
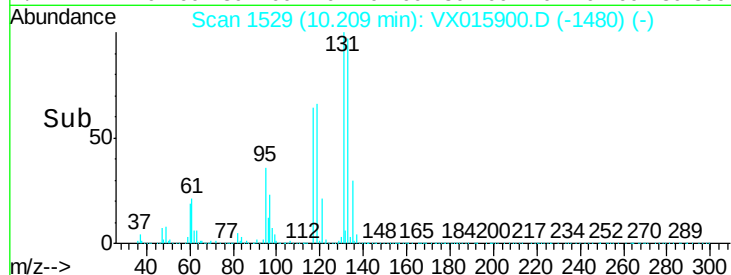
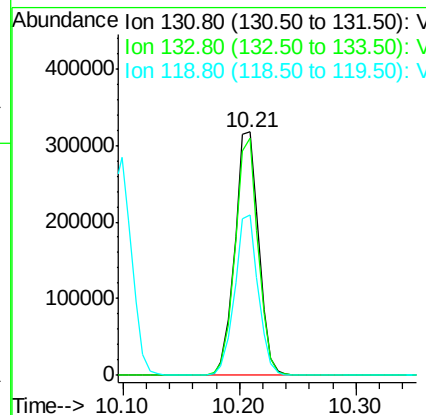
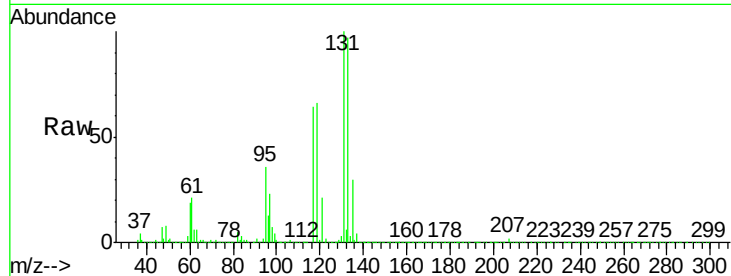
ClientSampleId :

S73-0240MS

Tot Ion:	131	Resp:	451442
Ion Ratio	Lower	Upper	
131	100		
133	94.1	47.0	141.2
119	64.1	30.9	92.8

Manual Integrations
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MMDadoda
4/24/2020 11:34:55 AM



#67

Ethyl Benzene

Concen: 48.940 ug/l

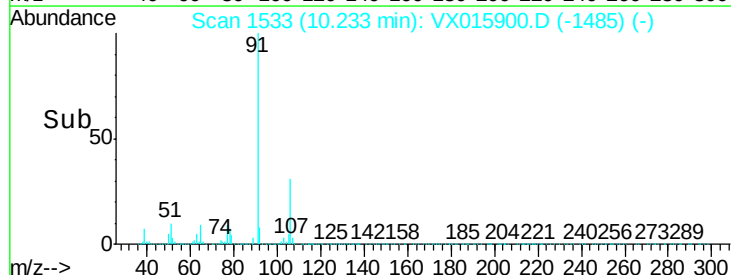
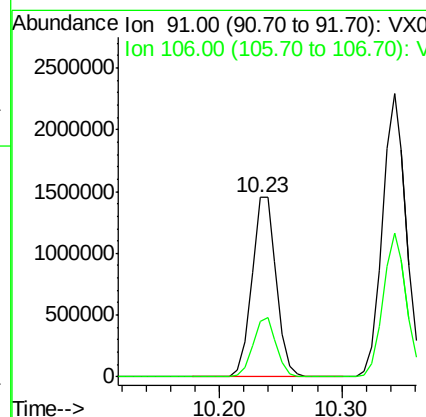
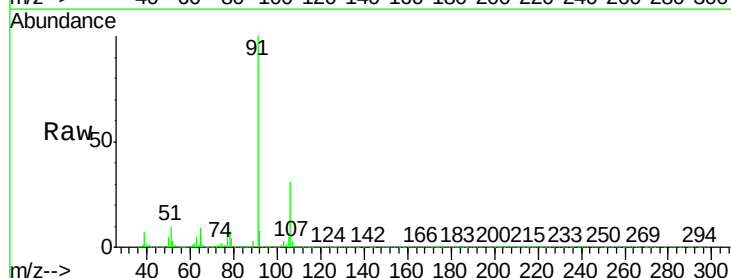
RT: 10.23 min Scan# 1533

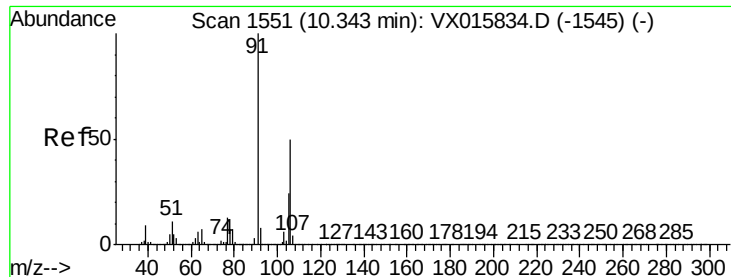
Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion:	91	Resp:	2012837
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.0	37.4





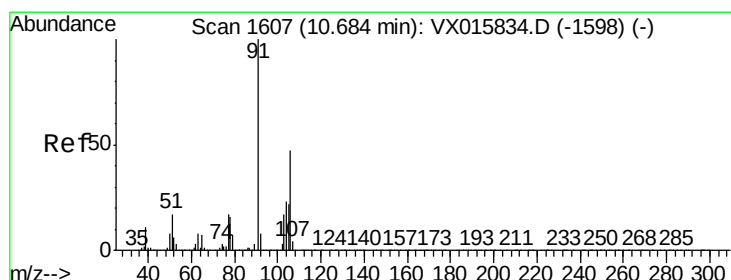
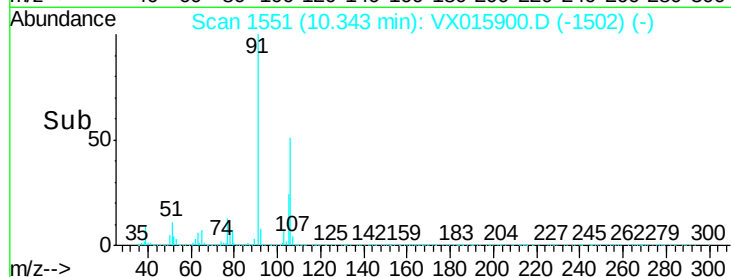
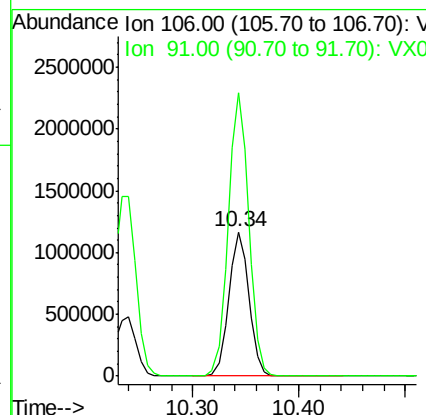
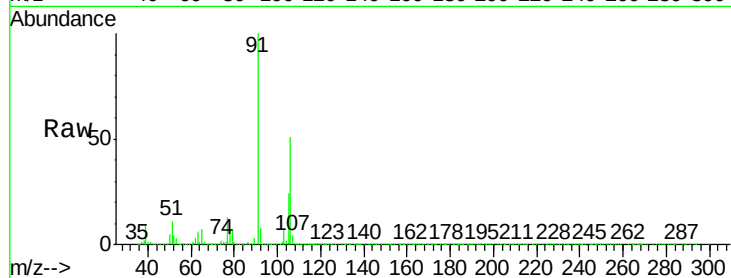
#68
m/p-Xylenes
Concen: 100.469 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion:106 Resp: 1550998
Ion Ratio Lower Upper
106 100
91 198.7 161.1 241.7

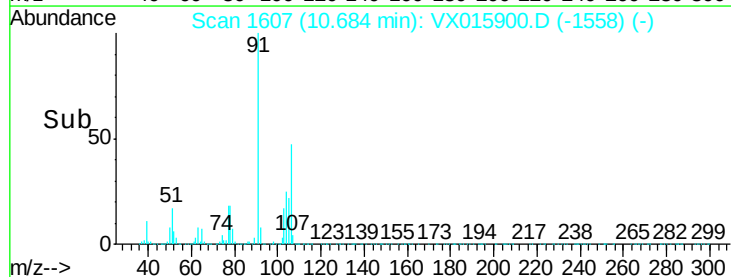
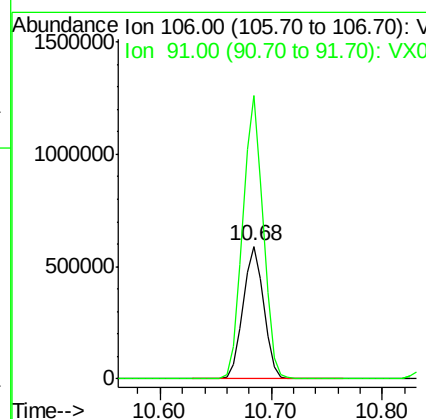
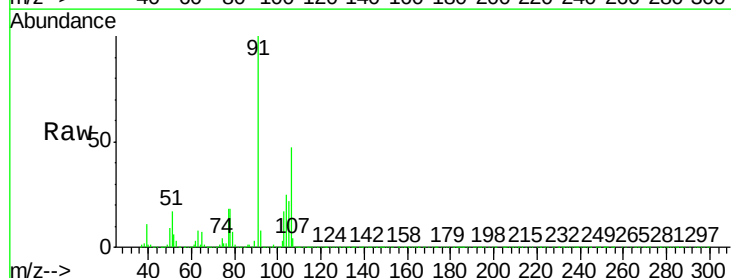
Manual Integrations
APPROVED

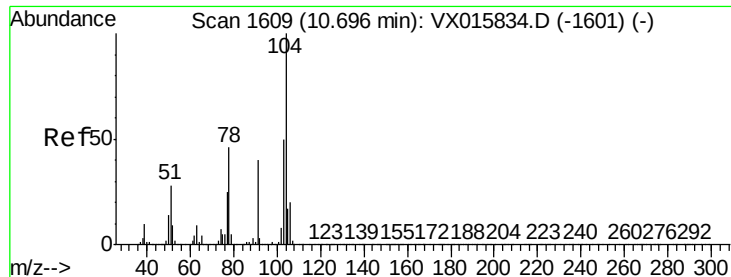
MMDadoda
4/24/2020 11:34:55 AM



#69
o-Xylene
Concen: 49.992 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion:106 Resp: 759448
Ion Ratio Lower Upper
106 100
91 210.0 107.1 321.3





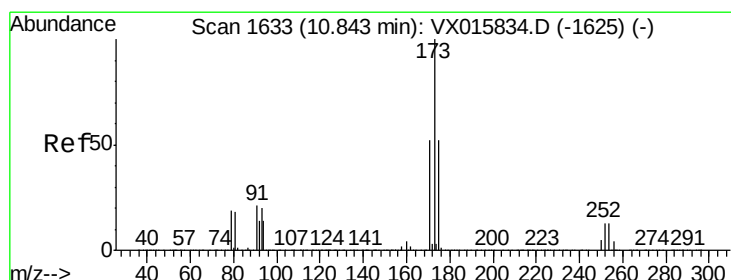
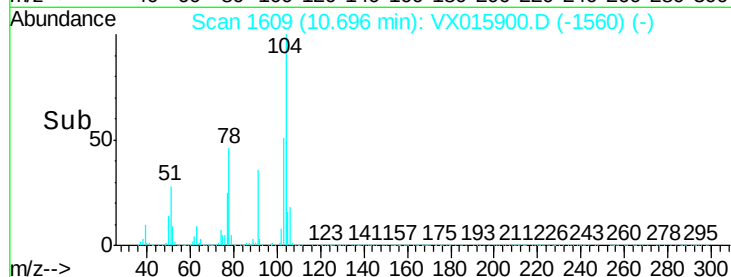
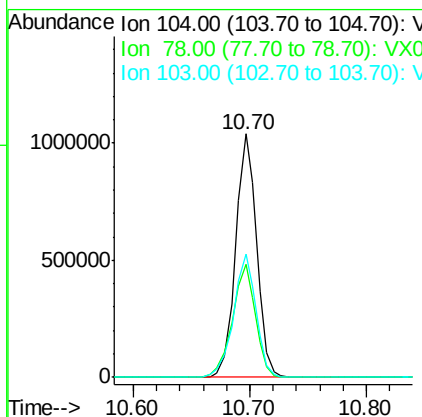
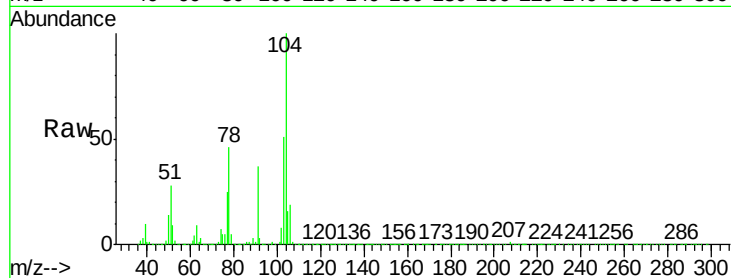
#70
Stvrene
Concen: 49.688 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.7	40.1	60.1
103	54.1	43.3	64.9

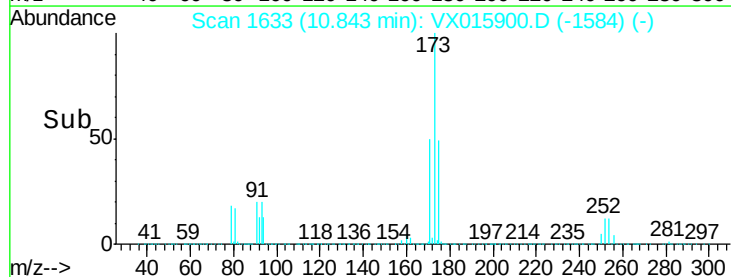
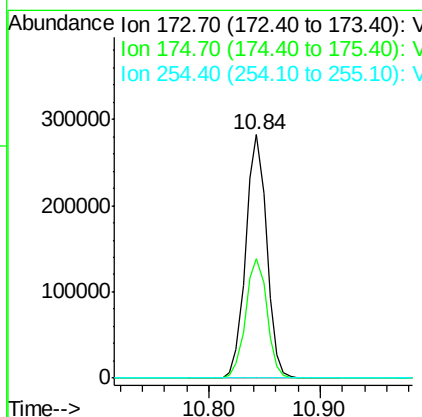
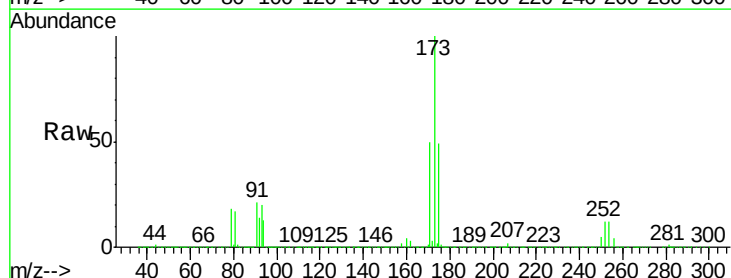
Manual Integrations
APPROVED

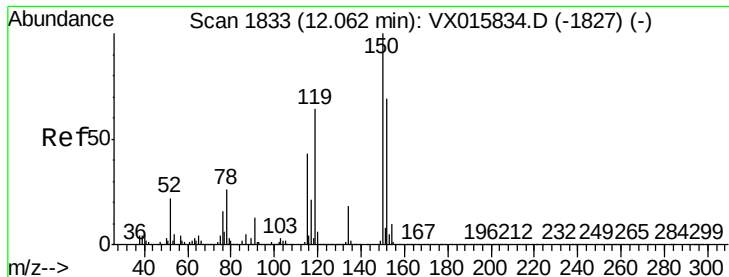
MMDadoda
4/24/2020 11:34:55 AM



#71
Bromoform
Concen: 64.633 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.0	25.1	75.4
254	0.1	0.3	0.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

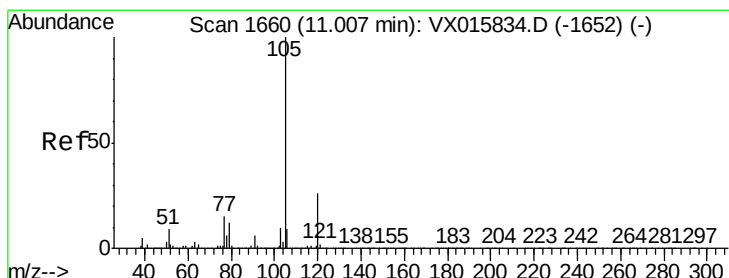
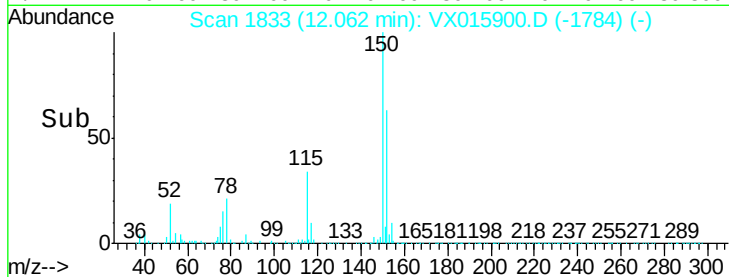
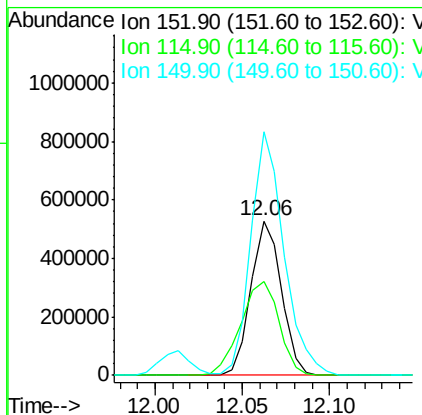
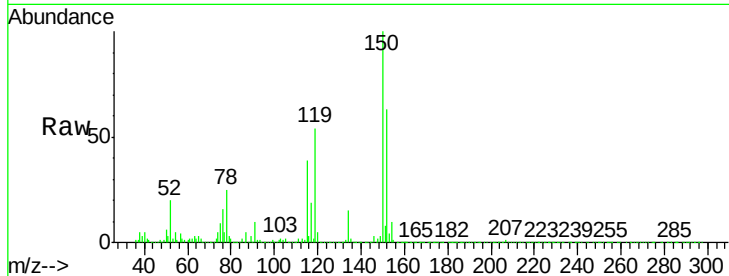
ClientSampleId :

S73-0240MS

Tot Ion:	152	Resp:	641588
Ion Ratio	Lower	Upper	
152	100		
115	76.6	39.0	116.9
150	171.0	0.0	336.8

Manual Integrations
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4/24/2020 11:34:55 AM



#73

Isopropylbenzene

Concen: 50.349 ug/l

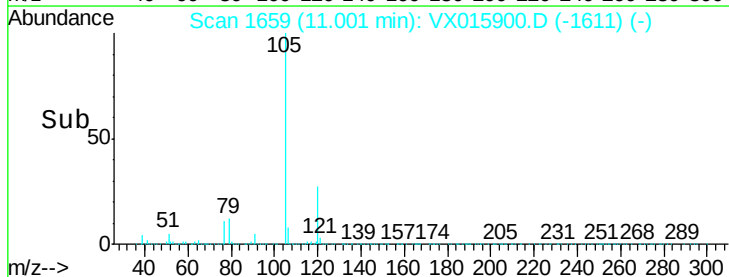
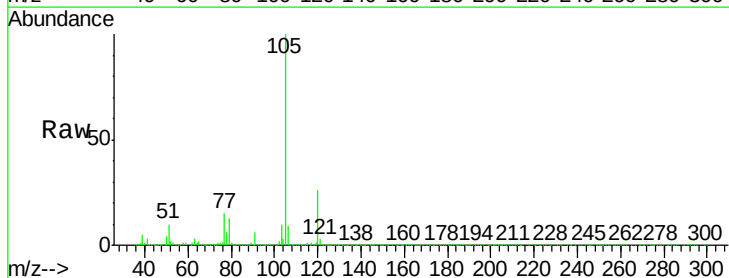
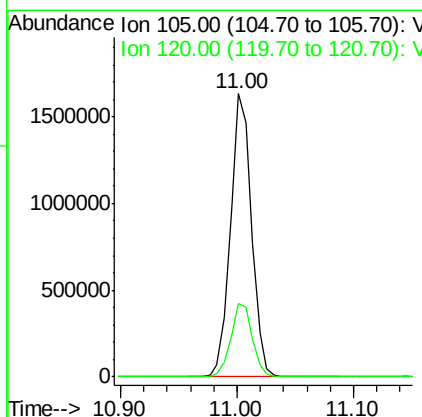
RT: 11.00 min Scan# 1659

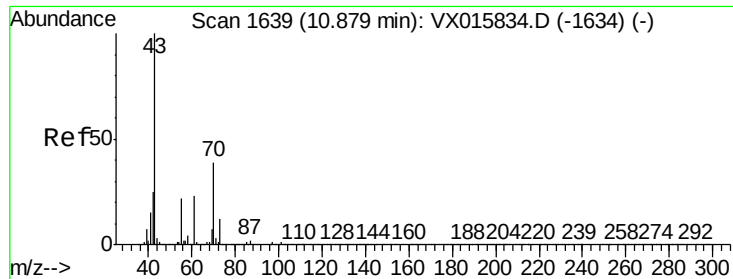
Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion:	105	Resp:	2051563
Ion Ratio	Lower	Upper	
105	100		
120	26.5	13.1	39.1





#74

N-amvl acetate

Concen: 45.271 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

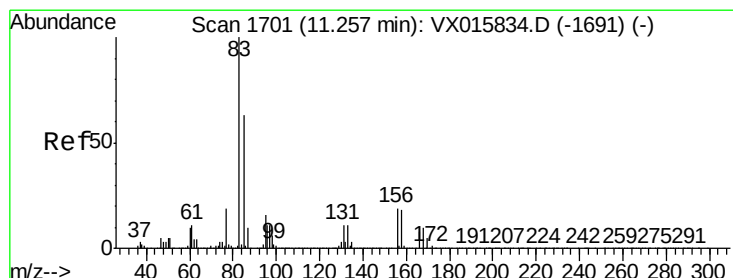
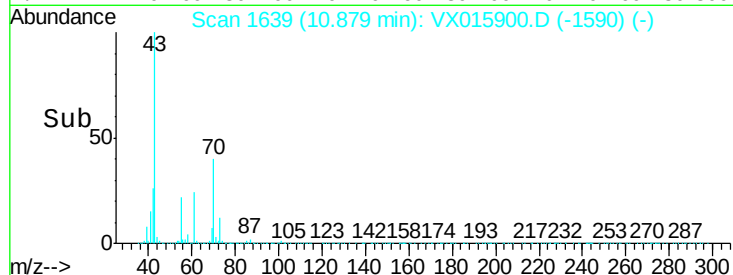
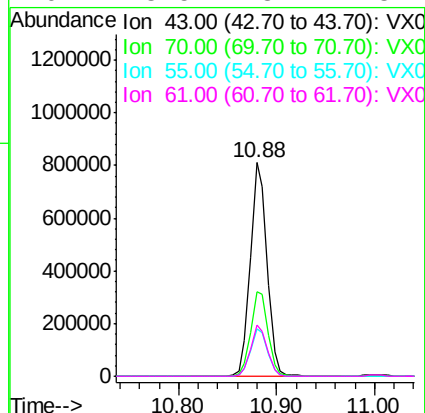
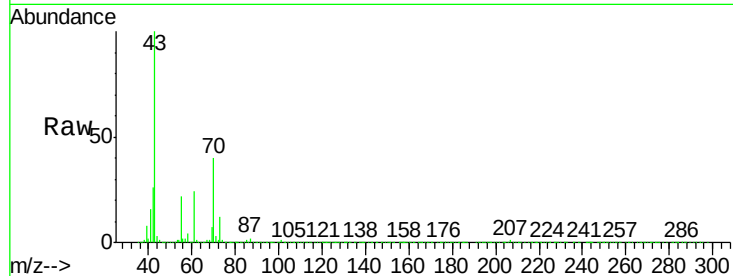
ClientSampleId :

S73-0240MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		952300		
70	40.9	32.6	49.0		
55	22.4	18.3	27.5		
61	23.5	18.7	28.1		

Manual Integrations
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MMDadoda
4/24/2020 11:34:55 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 55.817 ug/l

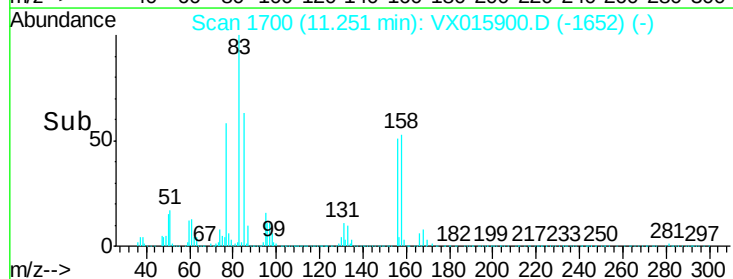
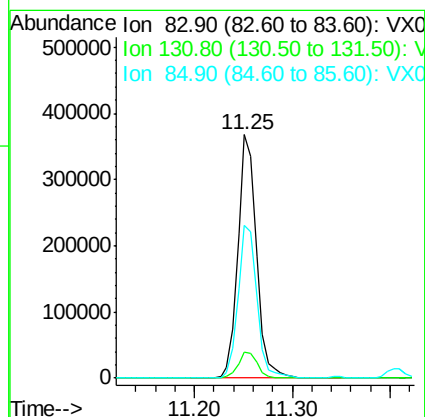
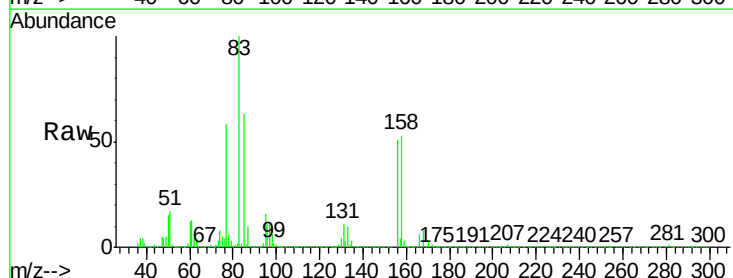
RT: 11.25 min Scan# 1700

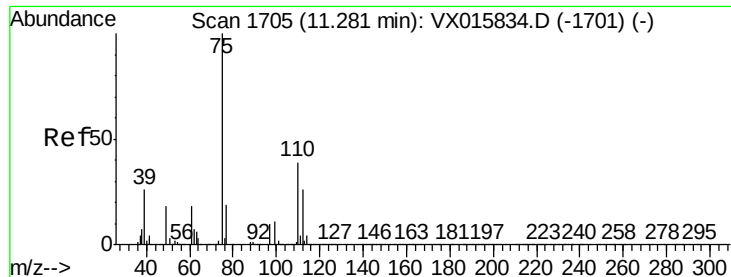
Delta R.T. -0.01 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		481335		
131	10.9	5.5	16.4		
85	64.3	32.4	97.0		





#76

1,2,3-Trichloropropane

Concen: 50.477 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 75 Resp: 615838

Ion Ratio Lower Upper

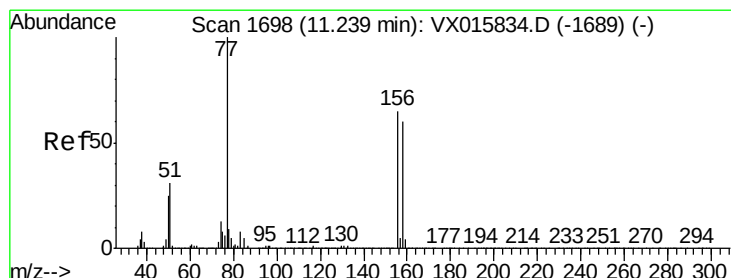
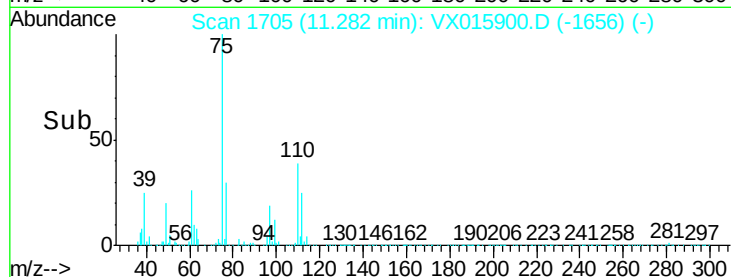
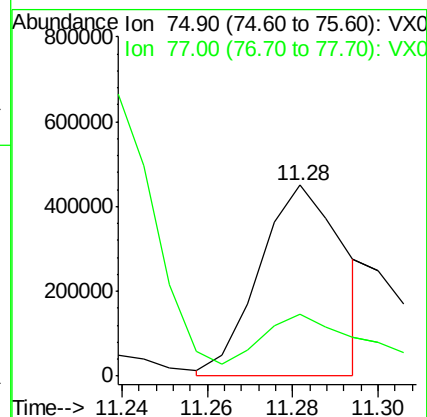
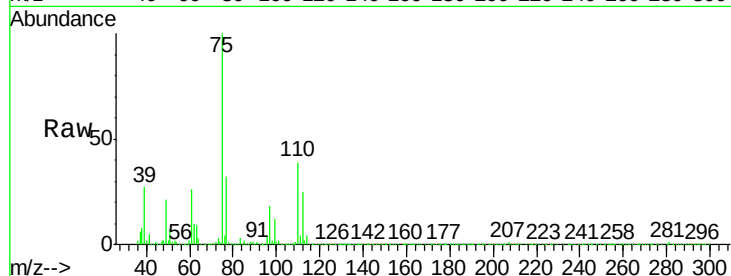
75 100

77 41.2 21.3 63.9

Manual Integrations
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MMDadoda

4/24/2020 11:34:55 AM



#77

Bromobenzene

Concen: 49.633 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

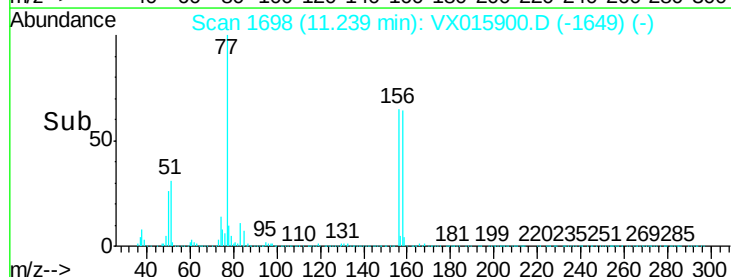
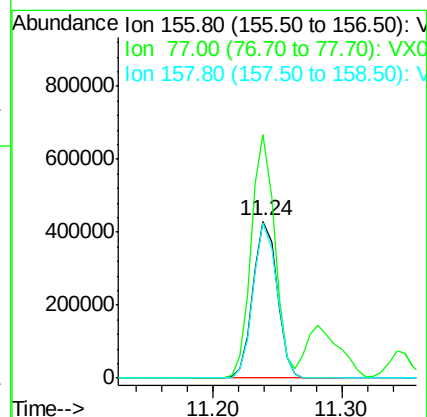
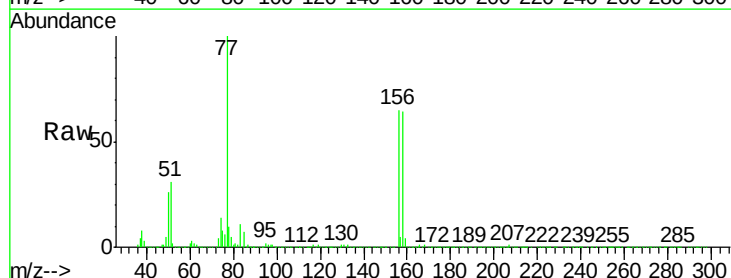
Tgt Ion: 156 Resp: 552590

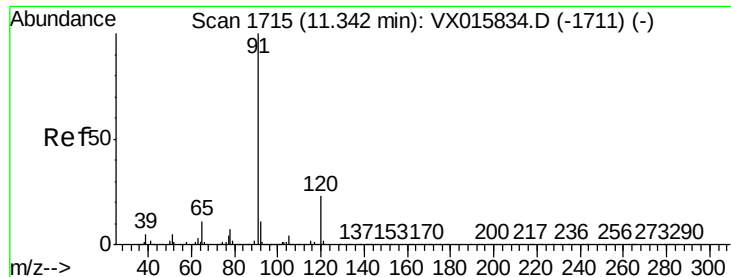
Ion Ratio Lower Upper

156 100

77 151.7 75.2 225.6

158 98.2 47.9 143.6





#78

n-propylbenzene

Concen: 48.559 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MS

Tot Ion: 91 Resp: 2266640

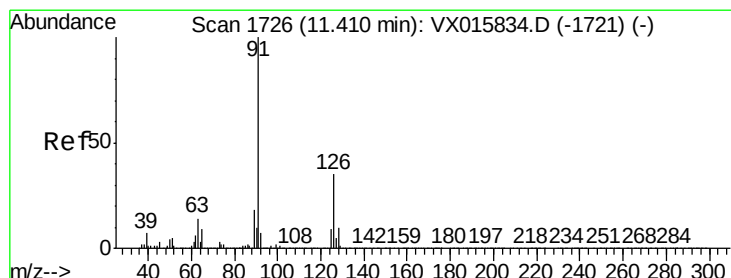
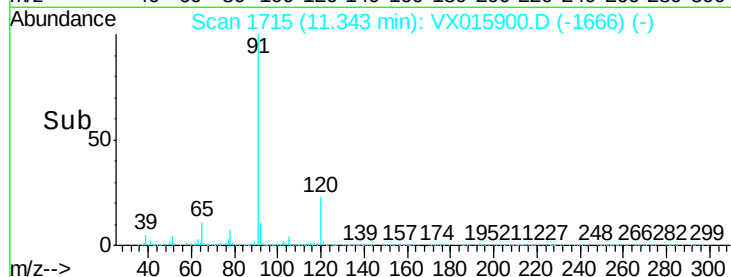
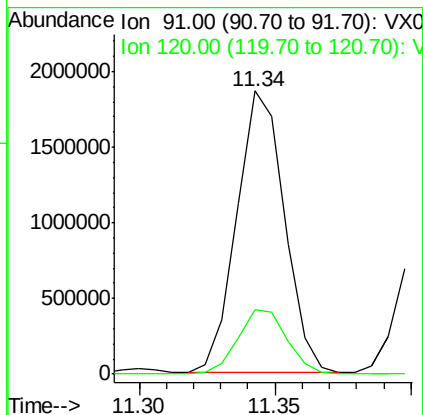
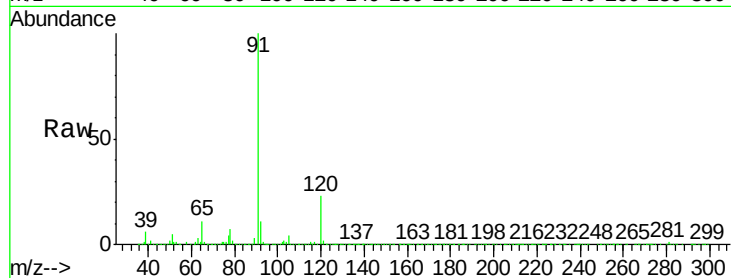
Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.1

Manual Integrations
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MMDadoda
4/24/2020 11:34:55 AM



#79

2-Chlorotoluene

Concen: 49.200 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015900.D

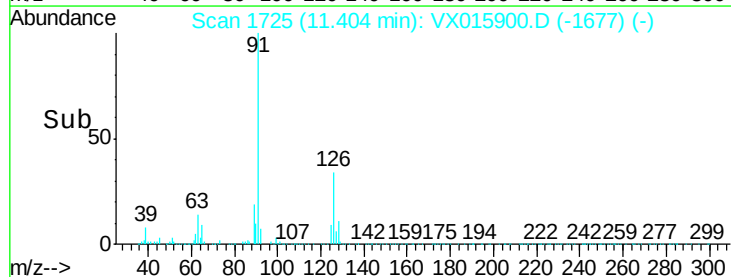
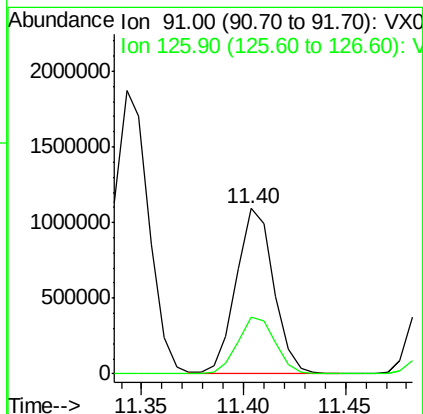
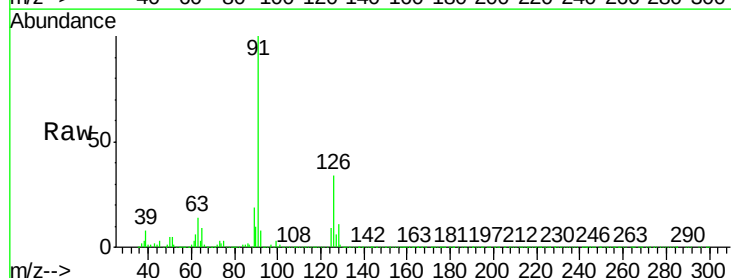
Acq: 23 Apr 2020 18:54

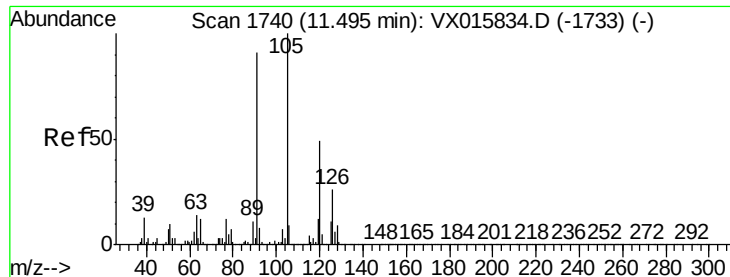
Tgt Ion: 91 Resp: 1379499

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.5





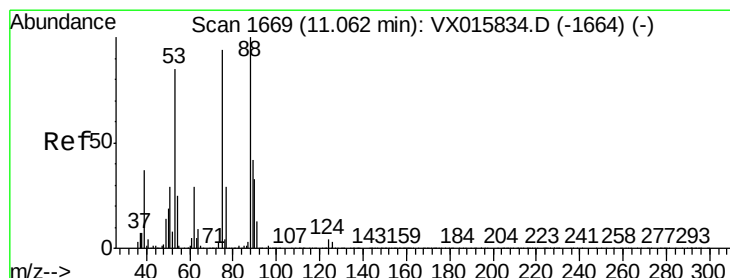
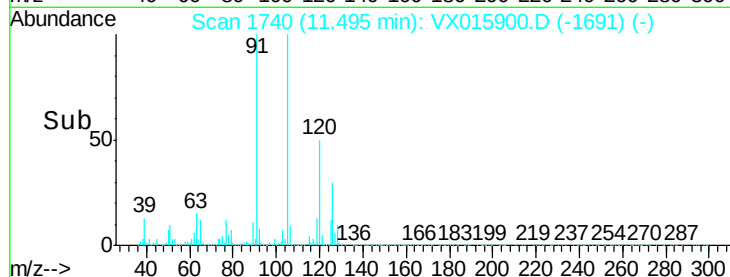
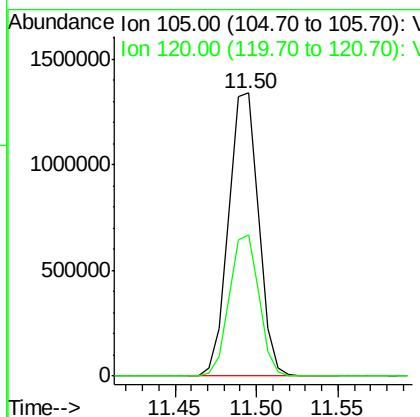
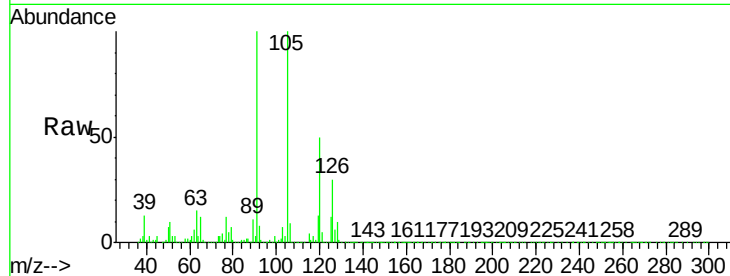
#80
 1,3,5-Trimethylbenzene
 Concen: 49.118 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Tot Ion:105 Resp: 1706582
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.7

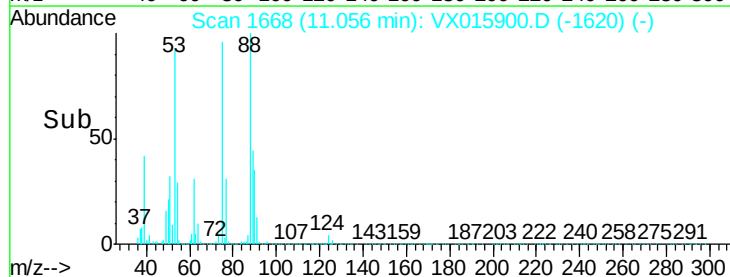
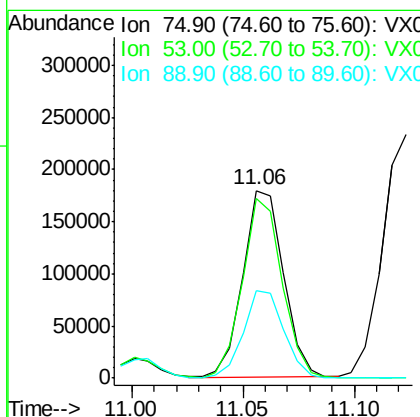
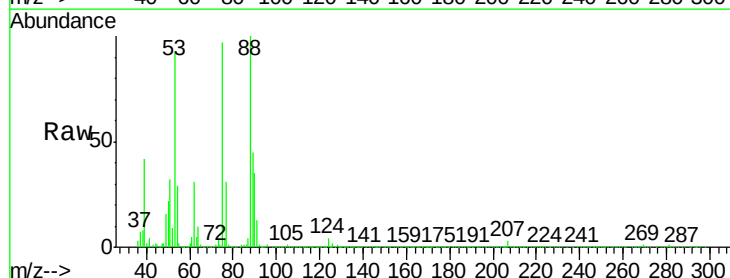
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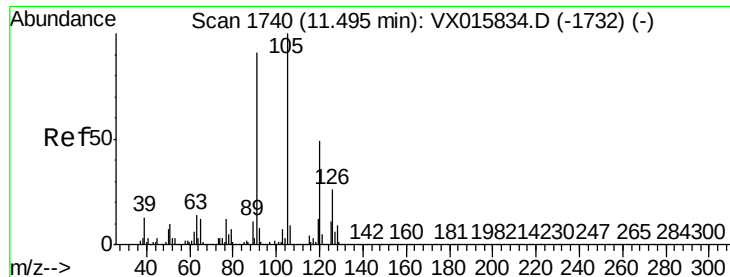
MMDadoda
 4/24/2020 11:34:55 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.034 ug/l
 RT: 11.06 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Tgt Ion: 75 Resp: 228403
 Ion Ratio Lower Upper
 75 100
 53 94.0 74.2 111.2
 89 46.8 38.0 57.0





#82

4-Chlorotoluene

Concen: 48.947 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

S73-0240MS

Tot Ion: 91 Resp: 1630826

Ion Ratio Lower Upper

91 100

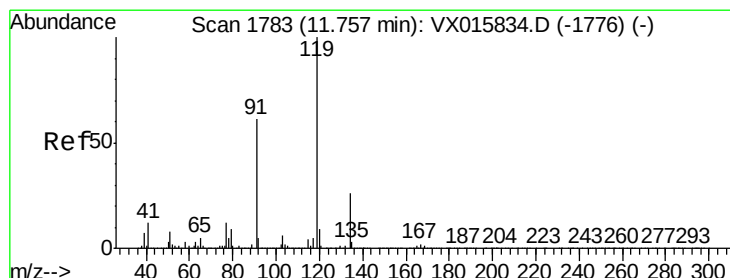
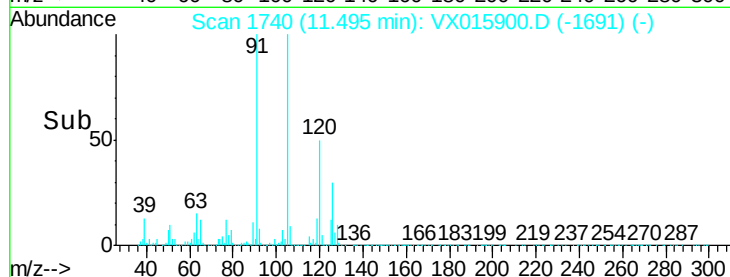
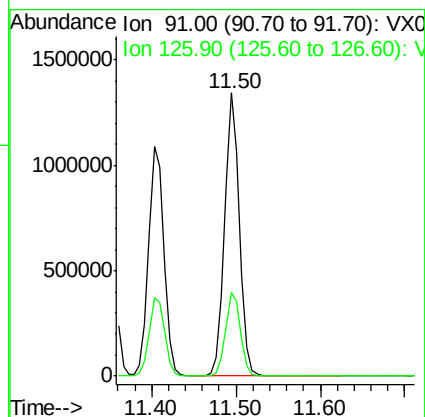
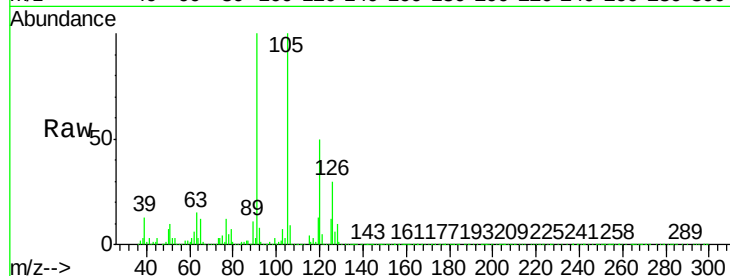
126 30.0 15.0 45.0

Manual Integrations

APPROVED

MMDadoda

4/24/2020 11:34:55 AM



#83

tert-Butylbenzene

Concen: 50.069 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015900.D

Acq: 23 Apr 2020 18:54

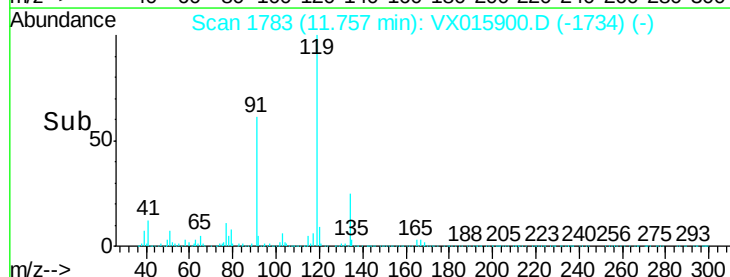
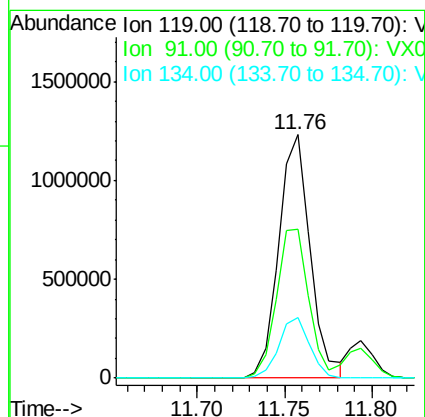
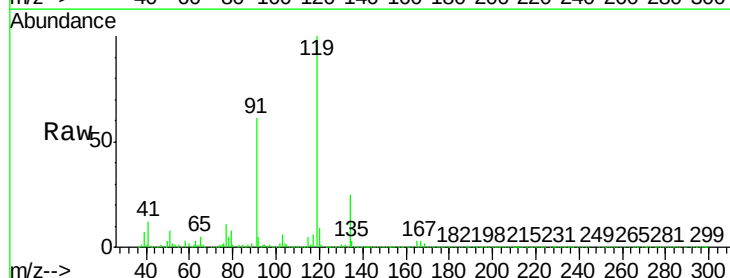
Tgt Ion: 119 Resp: 1543111

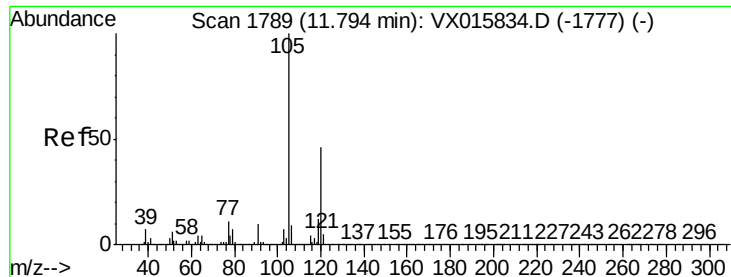
Ion Ratio Lower Upper

119 100

91 62.4 30.9 92.7

134 24.3 12.4 37.2





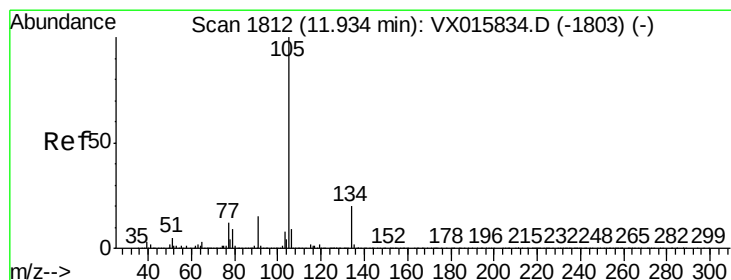
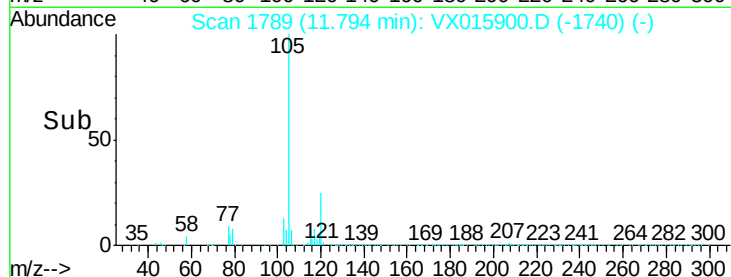
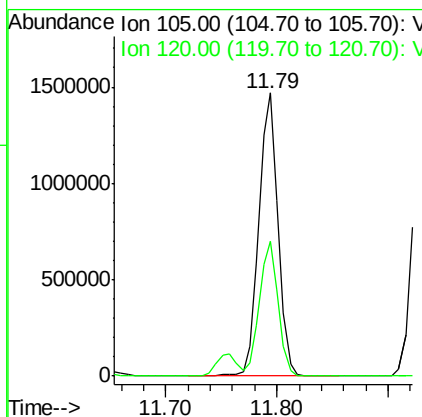
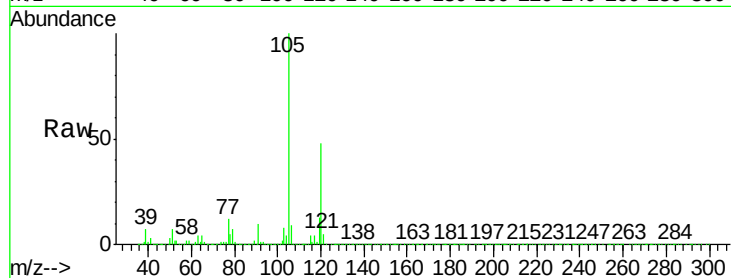
#84
 1,2,4-Trimethylbenzene
 Concen: 48.951 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Tot Ion:105 Resp: 1765720
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.7

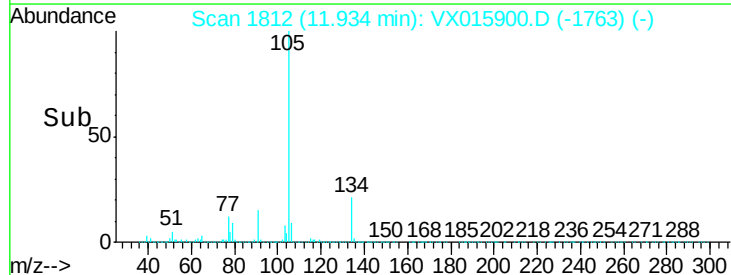
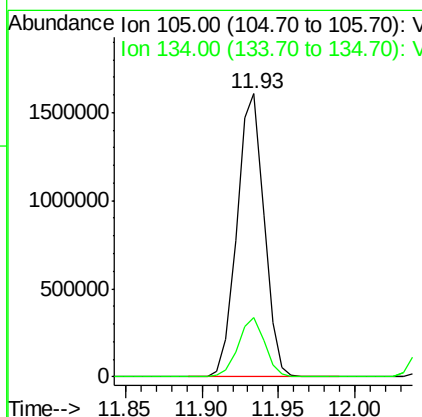
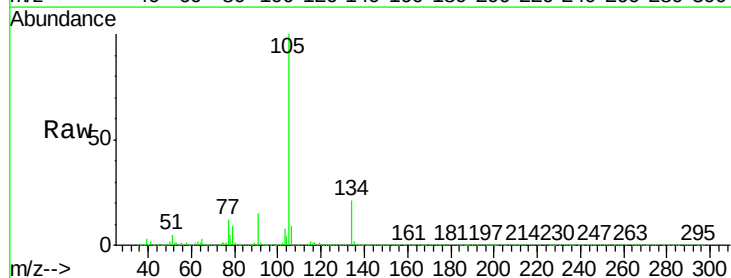
Manual Integrations
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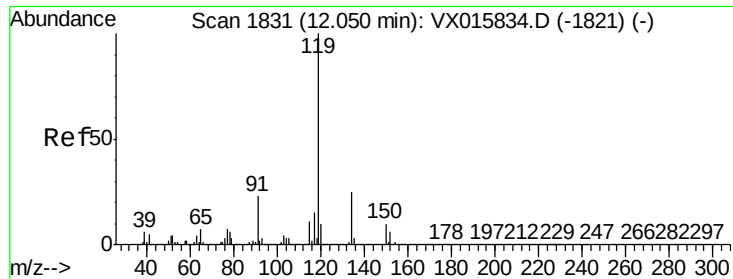
MMDadoda
 4/24/2020 11:34:55 AM



#85
 sec-Butylbenzene
 Concen: 48.542 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Tgt Ion:105 Resp: 1972123
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8





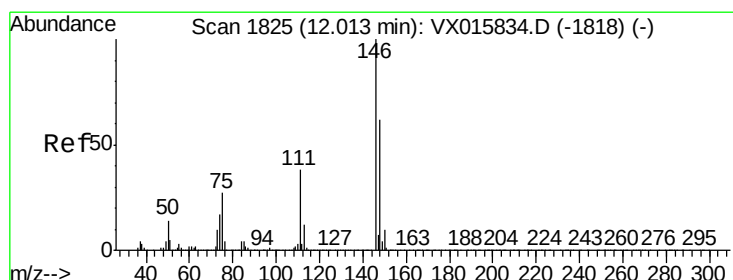
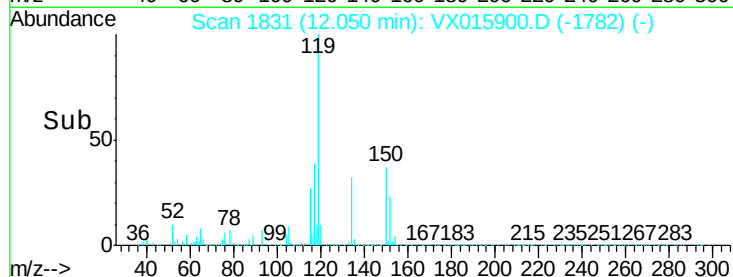
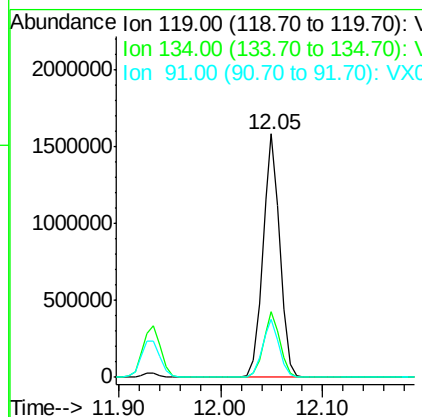
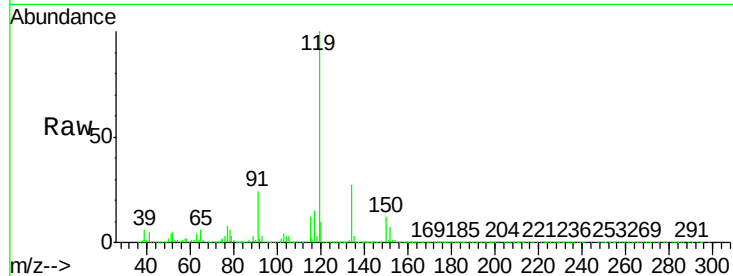
#86
p-Isopropyltoluene
Concen: 48.390 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	38.9
91	23.4	11.5	34.5

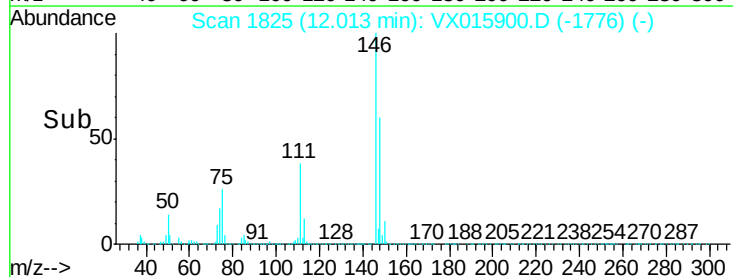
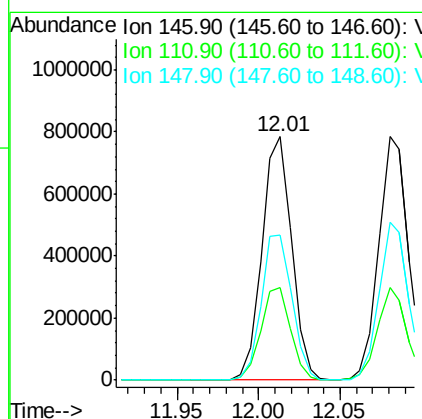
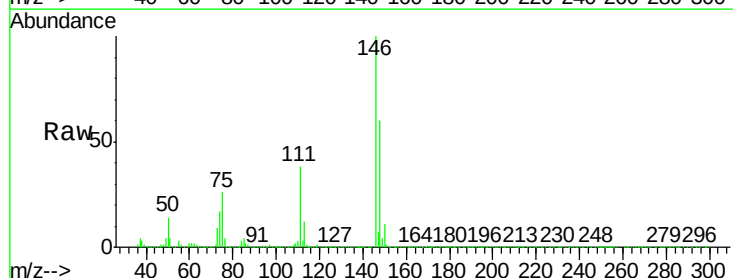
Manual Integrations
APPROVED

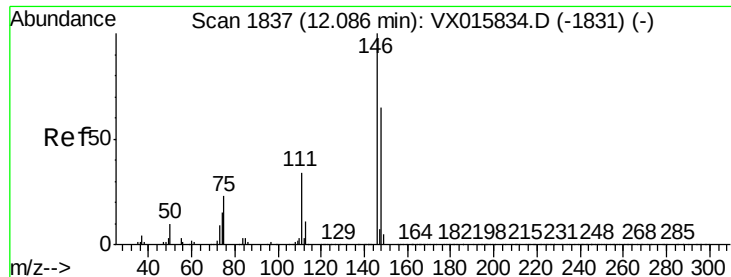
MMDadoda
4/24/2020 11:34:55 AM



#87
1,3-Dichlorobenzene
Concen: 48.418 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	61.9	30.9	92.7





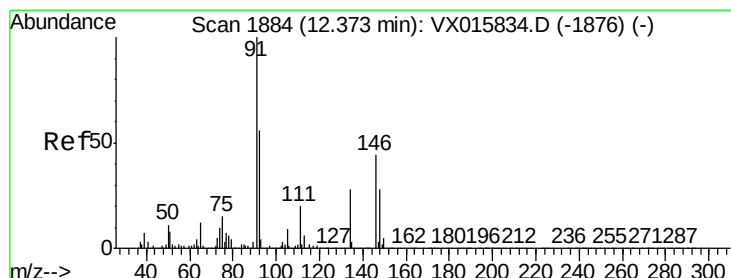
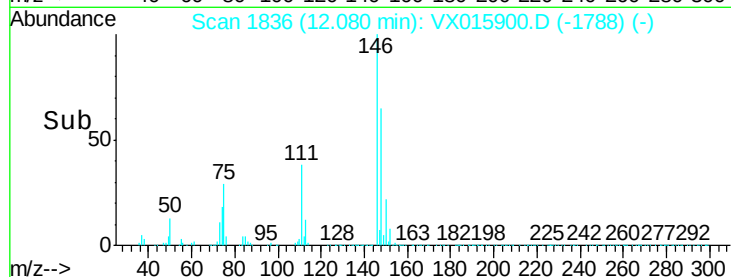
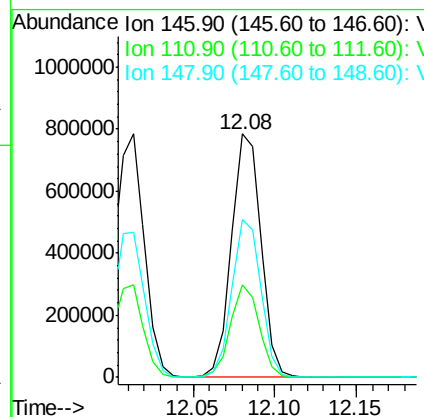
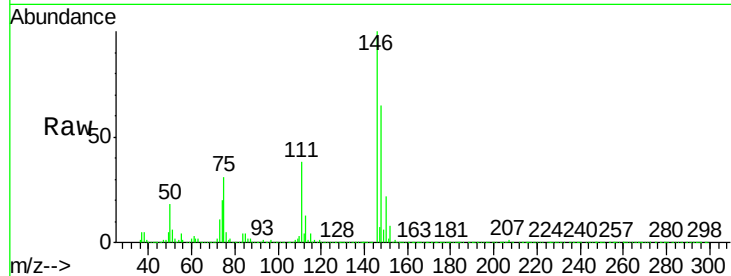
#88
 1,4-Dichlorobenzene
 Concen: 47.987 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.4	58.2
148	64.1	33.8	101.4

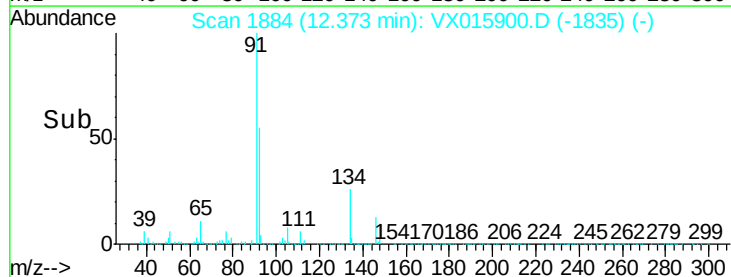
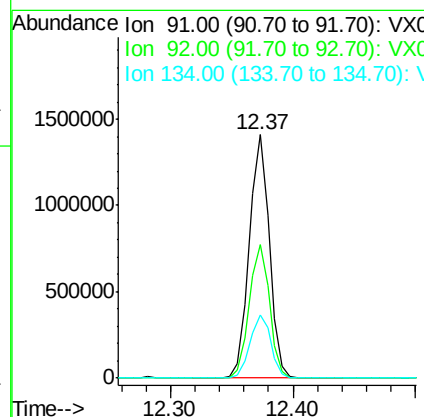
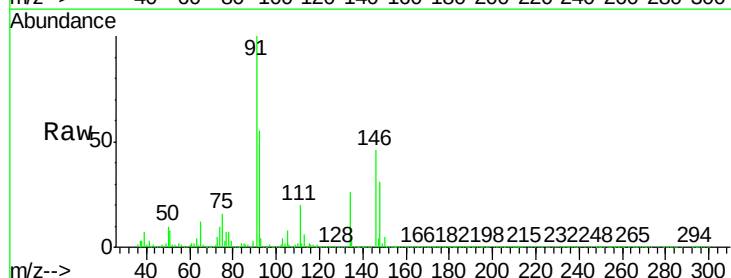
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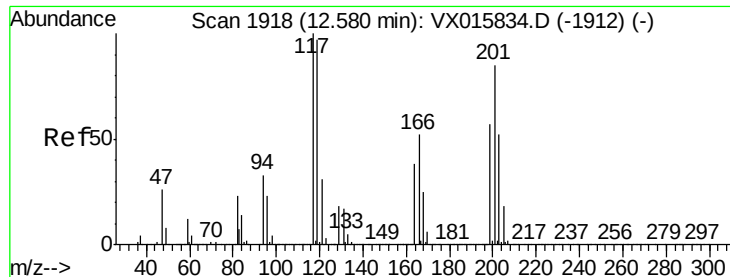
MMDadoda
 4/24/2020 11:34:55 AM



#89
 n-Butylbenzene
 Concen: 47.121 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.7	83.1
134	27.0	14.1	42.4





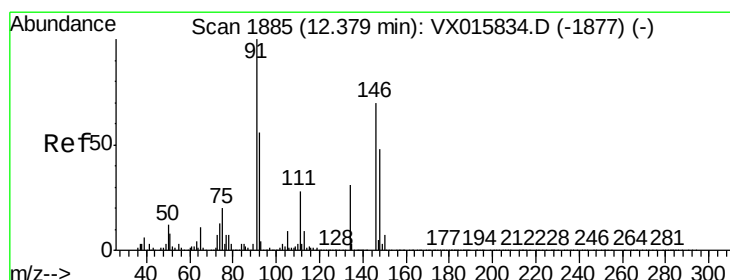
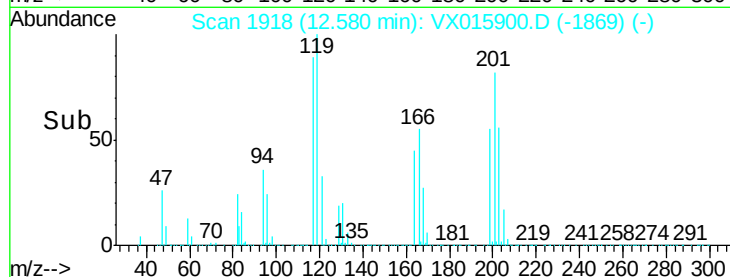
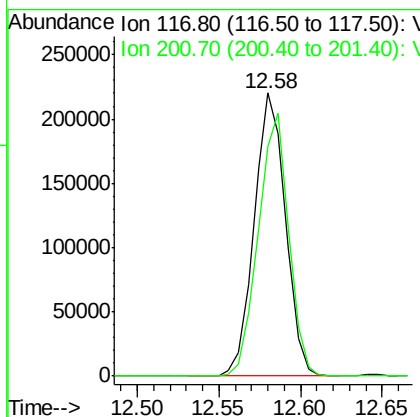
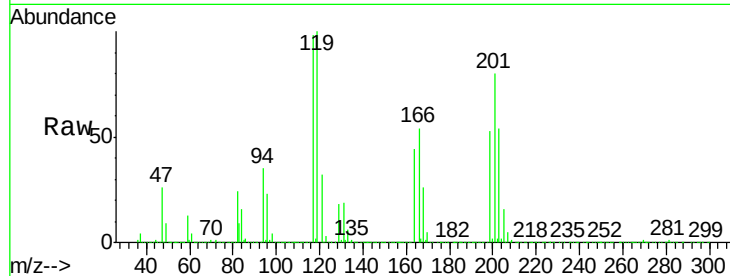
#90
Hexachloroethane
Concen: 72.840 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	292325		
201	90.0	45.6	136.9	

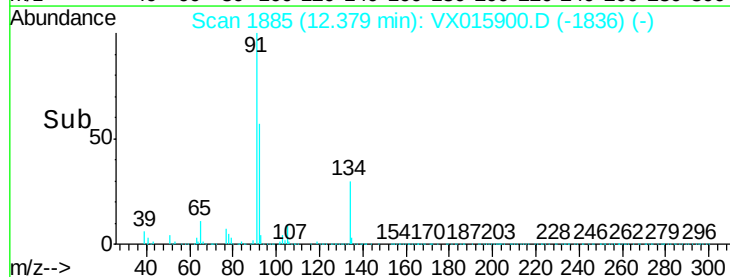
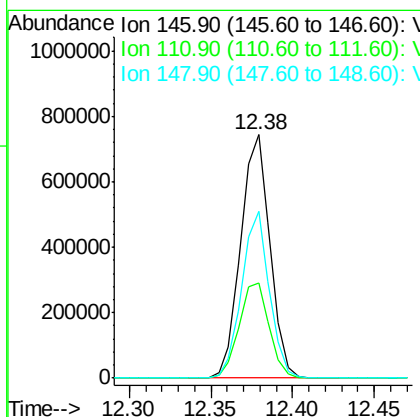
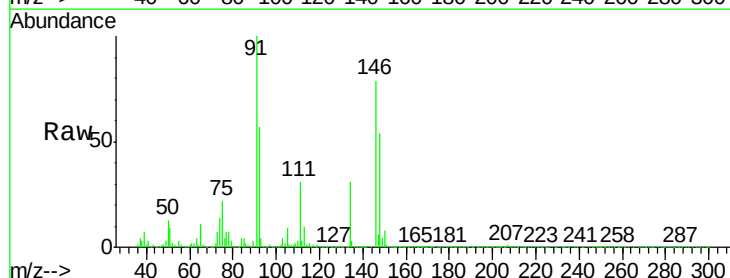
Manual Integrations
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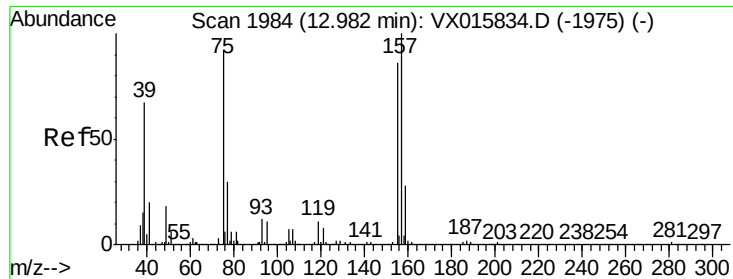
MMDadoda
4/24/2020 11:34:55 AM



#91
1,2-Dichlorobenzene
Concen: 47.998 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	930373		
111	40.1	20.3	61.0	
148	64.7	32.1	96.3	





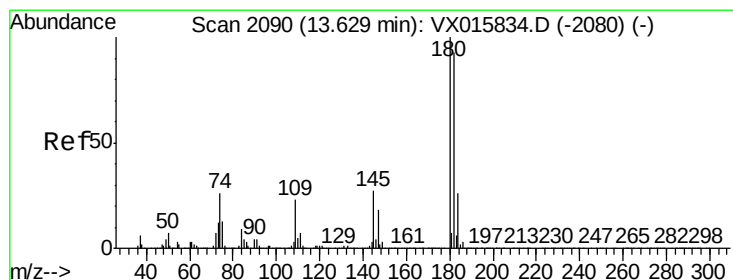
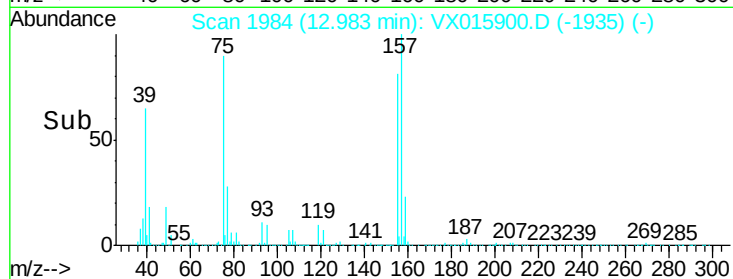
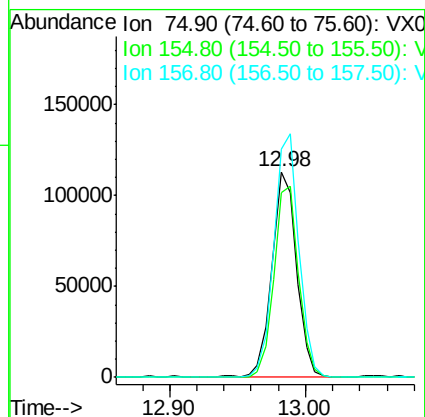
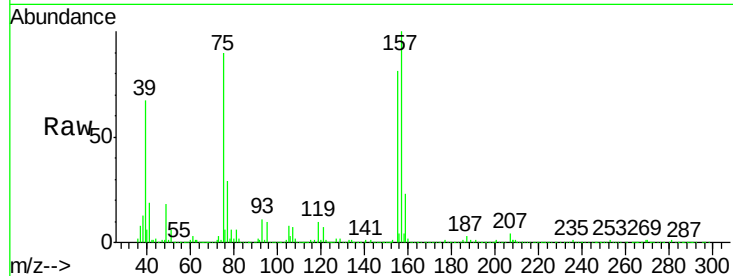
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.954 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	93.4	48.1	144.4
157	119.4	58.9	176.7

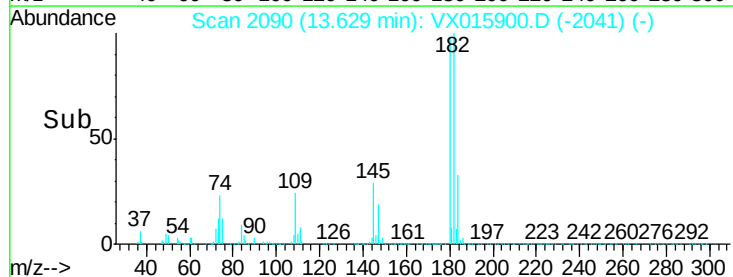
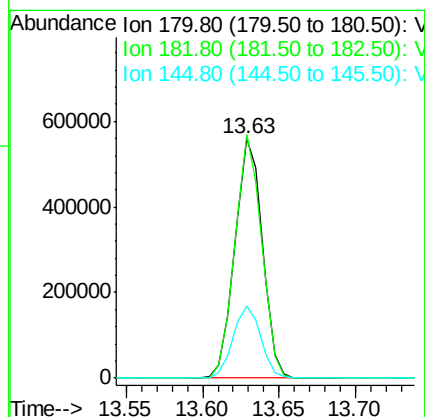
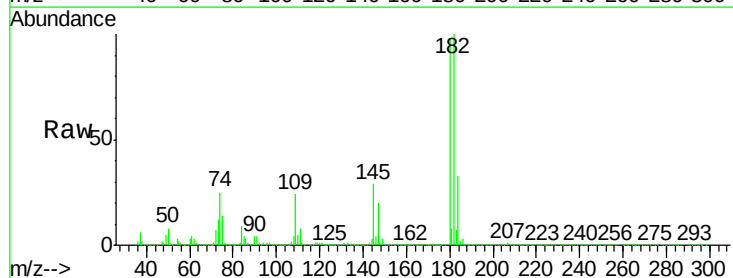
Manual Integrations
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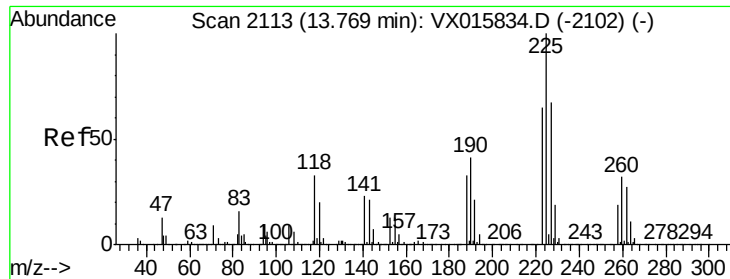
MMDadoda
 4/24/2020 11:34:55 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.516 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.7	143.1
145	30.4	14.5	43.5





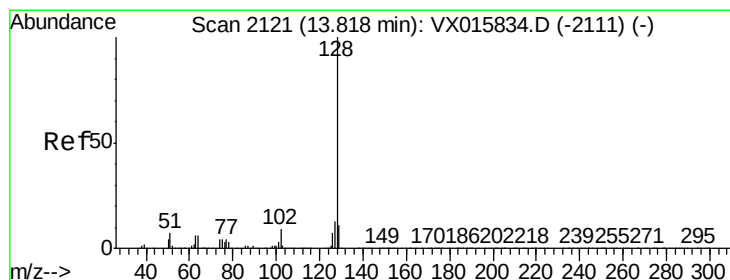
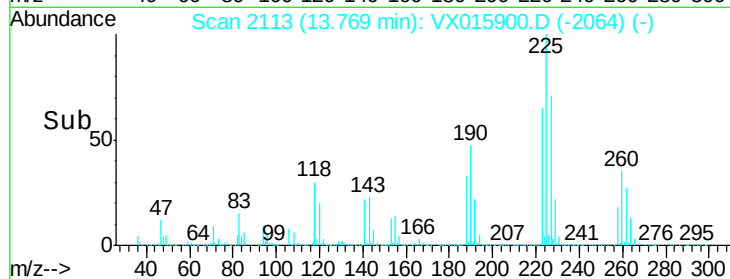
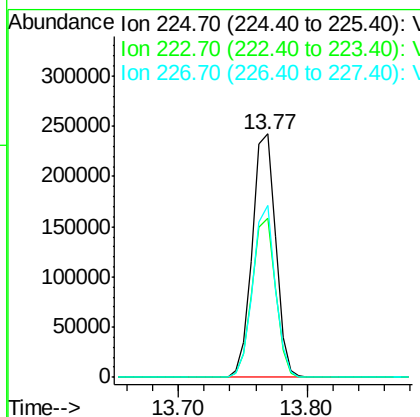
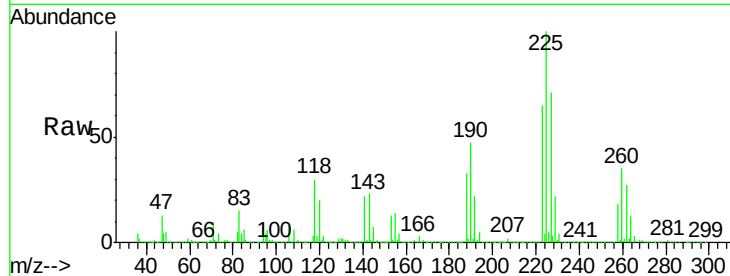
#94
Hexachlorobutadiene
Concen: 43.973 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.3	93.8
227	67.3	32.6	97.8

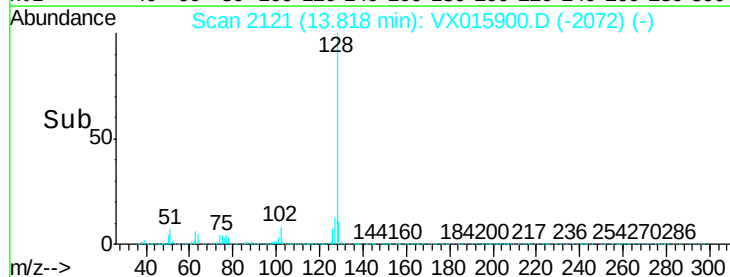
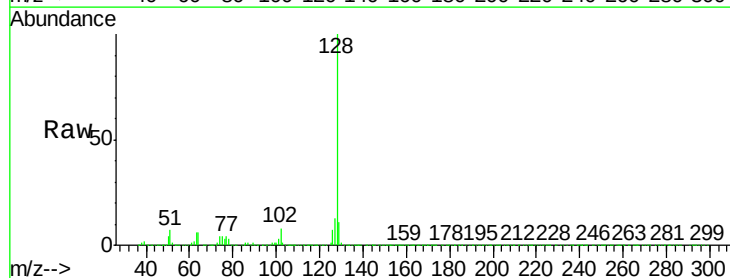
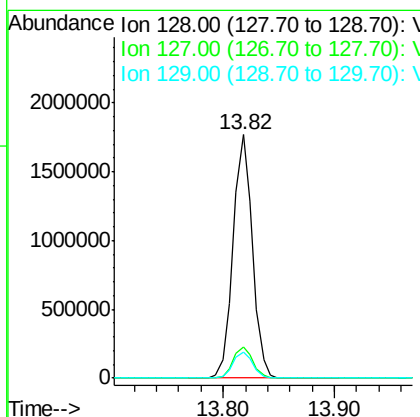
Manual Integrations
APPROVED

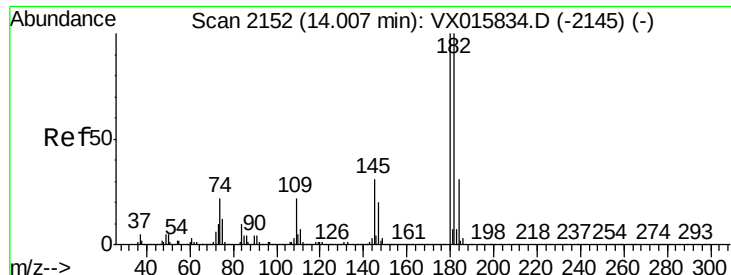
MMDadoda
4/24/2020 11:34:55 AM



#95
Naphthalene
Concen: 48.084 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015900.D
Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.5	12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 45.495 ug/l
 RT: 14.00 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: VX015900.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	677893		
182	98.4	47.9	143.7	
145	32.6	15.2	45.5	

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:34:55 AM

