

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015901.D
 Acq On : 23 Apr 2020 19:17
 Operator : JC/SP
 Sample : L2403-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:00 AM

Quant Time: Apr 24 07:40:52 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	840311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1296744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1231307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	650383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	473564	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.47	113	368302	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.70	98	1445743	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.12	95	582827	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	408511	56.794	ug/l	100
3) Chloromethane	1.31	50	356862	48.443	ug/l	99
4) Vinyl Chloride	1.39	62	438446	51.420	ug/l	98
5) Bromomethane	1.62	94	165465	57.859	ug/l	98
6) Chloroethane	1.71	64	234310	48.222	ug/l	98
7) Trichlorofluoromethane	1.92	101	549435	51.935	ug/l	97
8) Diethyl Ether	2.17	74	201954	47.074	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	342604	47.739	ug/l	100
10) Methyl Iodide	2.49	142	414391	46.737	ug/l	98
11) Tert butyl alcohol	3.01	59	482140	246.905	ug/l	99
12) 1,1-Dichloroethene	2.36	96	352770	47.930	ug/l	99
13) Acrolein	2.27	56	275883	238.771	ug/l	99
14) Allyl chloride	2.71	41	746626	47.738	ug/l	99
15) Acrylonitrile	3.12	53	1160077	255.942	ug/l	100
16) Acetone	2.42	43	966400	232.224	ug/l	99
17) Carbon Disulfide	2.55	76	936134	35.024	ug/l	99
18) Methyl Acetate	2.75	43	618467	45.018	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1338200	51.502	ug/l	98
20) Methylene Chloride	2.84	84	408292	48.329	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	403122	49.365	ug/l	95
22) Diisopropyl ether	3.83	45	1419333	50.350	ug/l	93
23) Vinyl Acetate	3.79	43	5437232	233.049	ug/l	100
24) 1,1-Dichloroethane	3.67	63	741129	50.442	ug/l	99
25) 2-Butanone	4.64	43	1640136	249.351	ug/l	97
26) 2,2-Dichloropropane	4.56	77	573794	43.718	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	466972	50.369	ug/l	99
28) Bromochloromethane	4.98	49	345708	44.841	ug/l	98
29) Tetrahydrofuran	5.09	42	1084321	249.231	ug/l	100
30) Chloroform	5.18	83	737521	49.890	ug/l	97
31) Cyclohexane	5.55	56	693624	49.674	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	675515	51.251	ug/l	99
36) 1,1-Dichloropropene	5.77	75	566198	49.252	ug/l	99
37) Ethyl Acetate	4.80	43	605974	44.291	ug/l	99
38) Carbon Tetrachloride	5.76	117	581942	51.392	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	672854	46.219	ug/l	98
40) Benzene	6.12	78	1663918	48.057	ug/l	100
41) Methacrylonitrile	5.00	41	374067	49.203	ug/l	98
42) 1,2-Dichloroethane	6.17	62	613959	49.243	ug/l	100
43) Isopropyl Acetate	6.42	43	1076847	46.660	ug/l	100
44) Trichloroethene	7.19	130	546992	44.954	ug/l	99
45) 1,2-Dichloropropane	7.50	63	442201	48.734	ug/l	99
46) Dibromomethane	7.64	93	296748	44.801	ug/l	99
47) Bromodichloromethane	7.88	83	605527	51.387	ug/l	99
48) Methyl methacrylate	7.75	41	552300	48.651	ug/l	98
49) 1,4-Dioxane	7.71	88	193287	900.912	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3296445	247.459	ug/l	99
52) Toluene	8.77	92	1089230	49.079	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	710985	48.629	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	742539	48.052	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	438201	50.566	ug/l	98
56) Ethyl methacrylate	9.16	69	716624	48.821	ug/l	99
57) 1,3-Dichloropropane	9.35	76	744582	49.444	ug/l	99
59) 2-Hexanone	9.47	43	2508281	247.165	ug/l	100
60) Dibromochloromethane	9.57	129	493610	55.156	ug/l	97
61) 1,2-Dibromoethane	9.65	107	468210	48.885	ug/l	100
64) Tetrachloroethene	9.32	164	704813	42.467	ug/l	97
65) Chlorobenzene	10.12	112	1180329	47.938	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	461497	50.142	ug/l	98
67) Ethyl Benzene	10.24	91	2079465	48.093	ug/l	100
68) m/p-Xylenes	10.34	106	1572379	96.883	ug/l	99
69) o-Xylene	10.68	106	769860	48.204	ug/l	100
70) Styrene	10.70	104	1360105	49.184	ug/l	100
71) Bromoform	10.84	173	379166	63.222	ug/l #	97
73) Isopropylbenzene	11.00	105	2090380	50.607	ug/l	100
74) N-amyl acetate	10.88	43	967478	45.370	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	494361	56.552	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	613137m	49.576	ug/l	
77) Bromobenzene	11.24	156	542287	48.049	ug/l	93
78) n-propylbenzene	11.34	91	2374146	50.175	ug/l	100
79) 2-Chlorotoluene	11.40	91	1422105	50.034	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1765687	50.132	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	230467	44.827	ug/l	98
82) 4-Chlorotoluene	11.49	91	1694772	50.178	ug/l	100
83) tert-Butylbenzene	11.76	119	1596630	51.105	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1809686	49.491	ug/l	99
85) sec-Butylbenzene	11.93	105	2015230	48.932	ug/l	99
86) p-Isopropyltoluene	12.05	119	1922188	49.914	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	993870	47.973	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	996211	48.037	ug/l	97
89) n-Butylbenzene	12.37	91	1642052	47.691	ug/l	99
90) Hexachloroethane	12.58	117	302556	74.370	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	920966	46.870	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	145074	55.961	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	747748	48.298	ug/l	99

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ClientSampleId :
S73-0240MSD

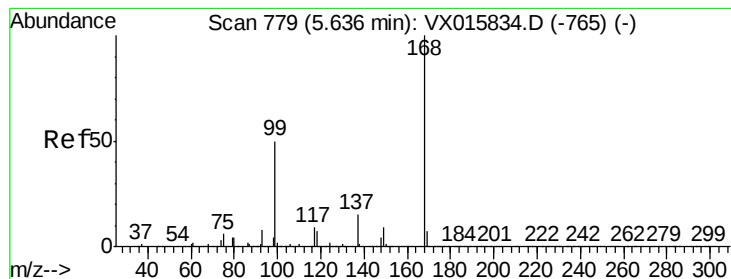
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	317397	45.724	ug/l	98
95) Naphthalene	13.82	128	2178094	48.899	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	733943	48.590	ug/l	96

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



#1

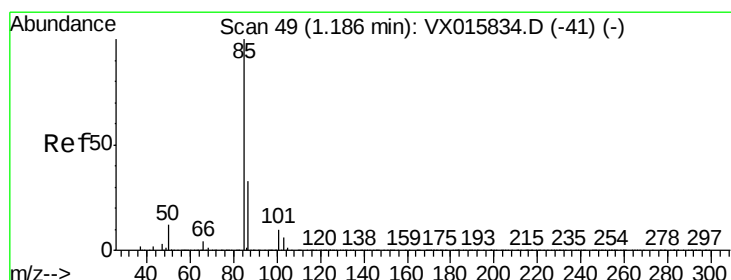
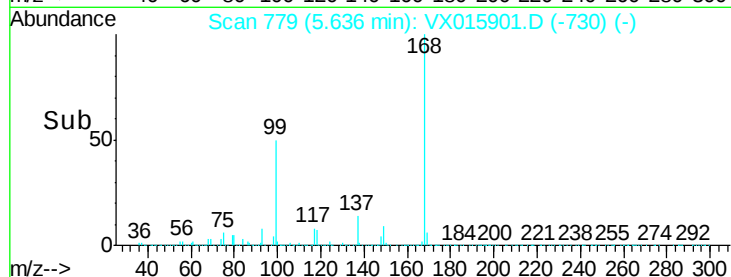
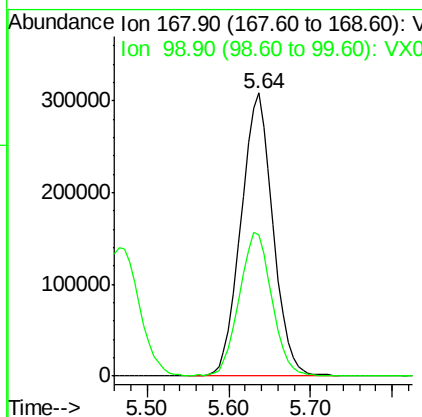
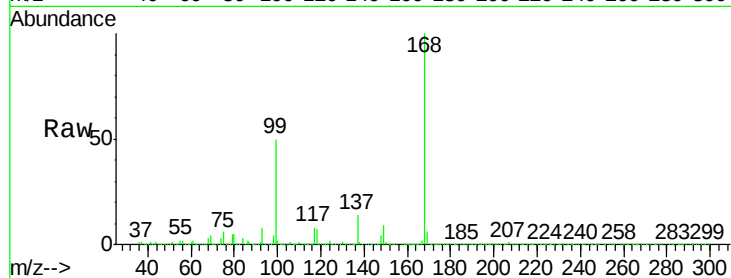
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.3	60.5

Manual Integrations
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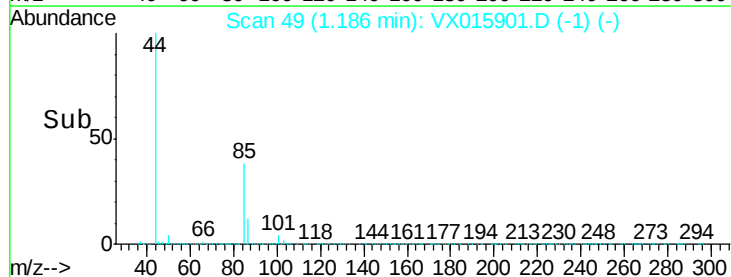
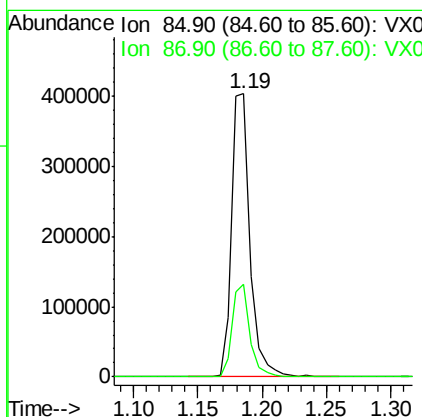
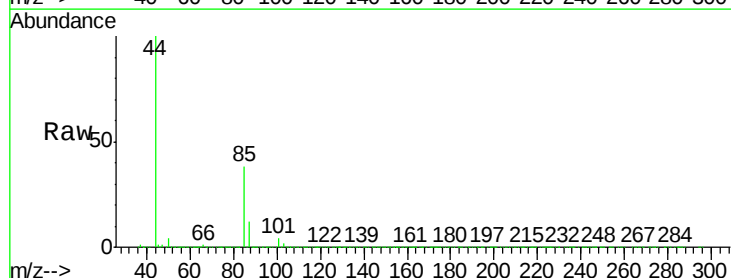
MMDadoda
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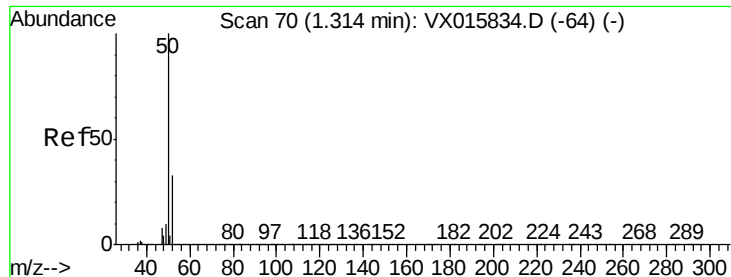


#2

Dichlorodifluoromethane
 Concen: 56.794 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.4	49.2





#3

Chloromethane

Concen: 48.443 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

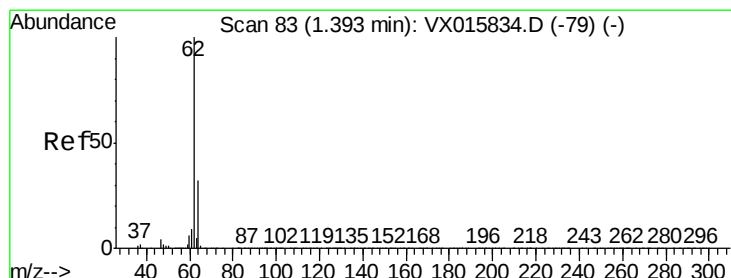
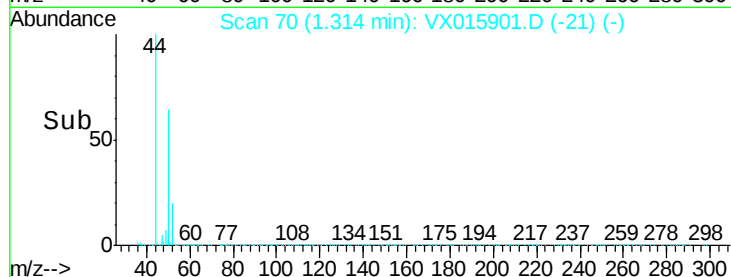
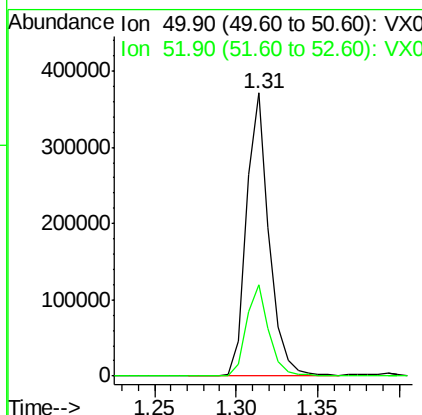
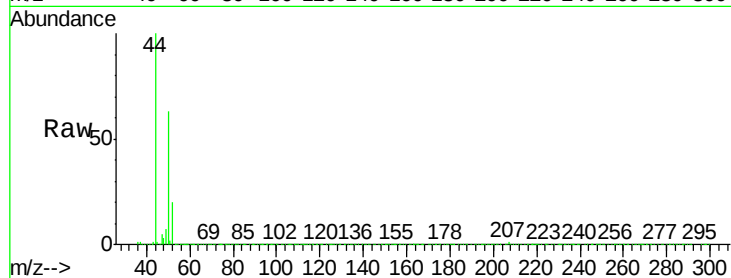
ClientSampleId :

S73-0240MSD

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.2	39.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 51.420 ug/l

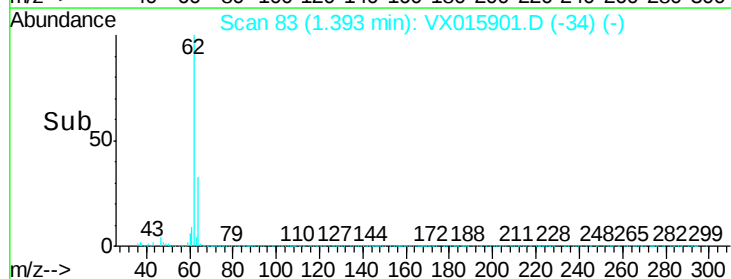
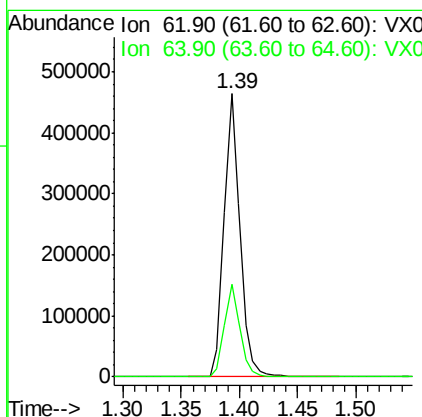
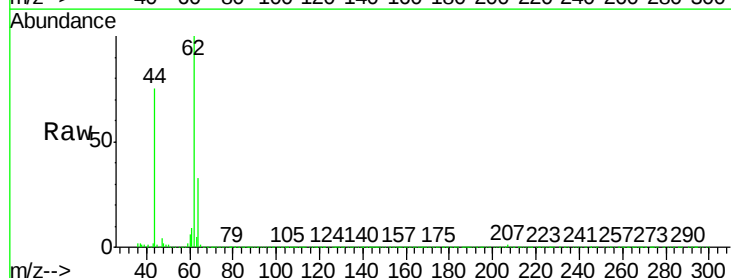
RT: 1.39 min Scan# 83

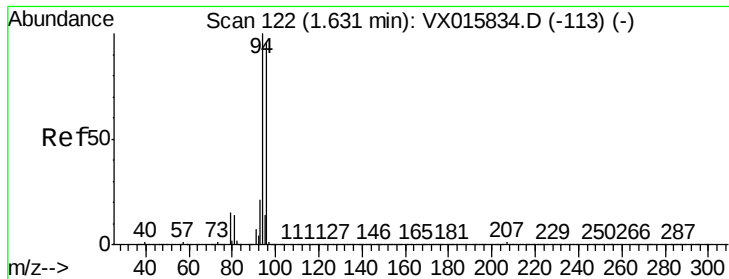
Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.4	38.2





#5

Bromomethane

Concen: 57.859 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MSD

Tot Ion: 94 Resp: 165465

Ion Ratio Lower Upper

94 100

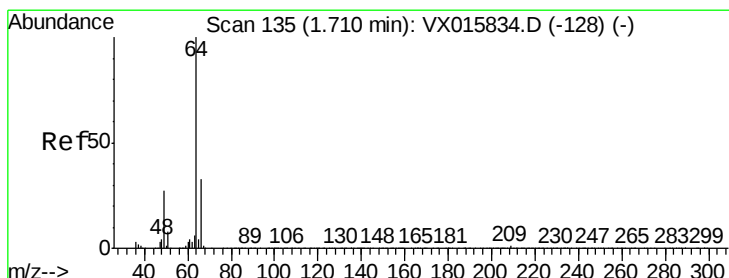
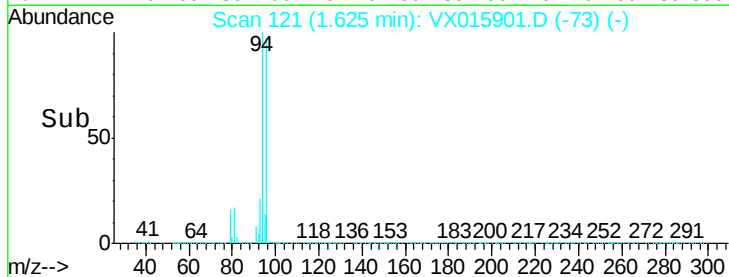
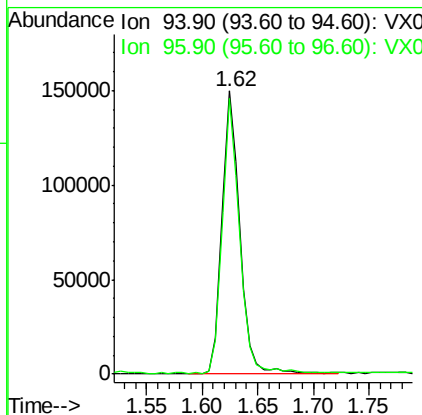
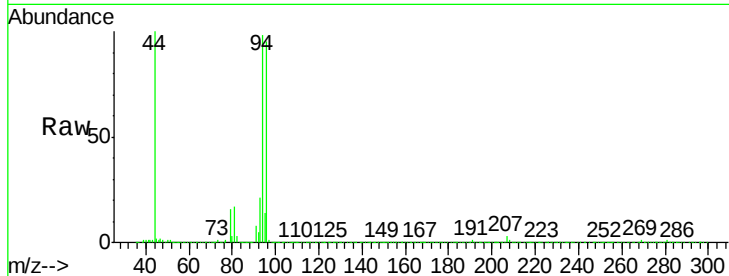
96 97.4 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 48.222 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX015901.D

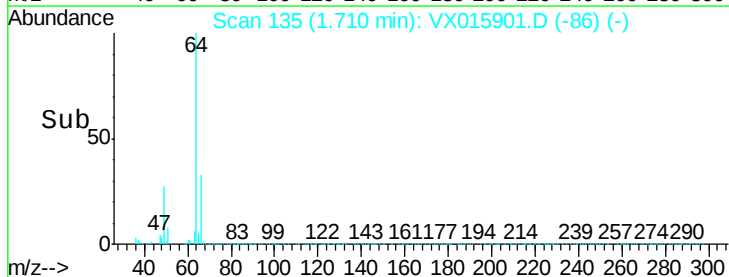
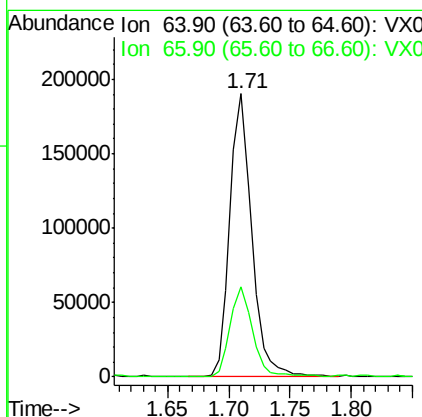
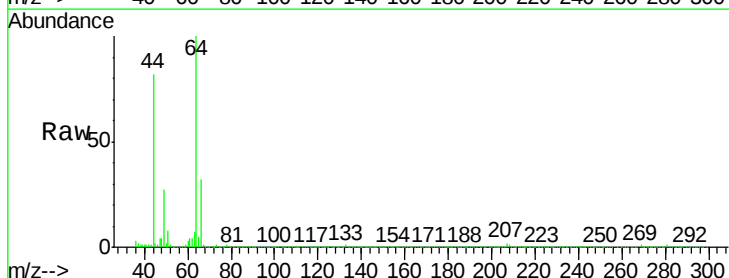
Acq: 23 Apr 2020 19:17

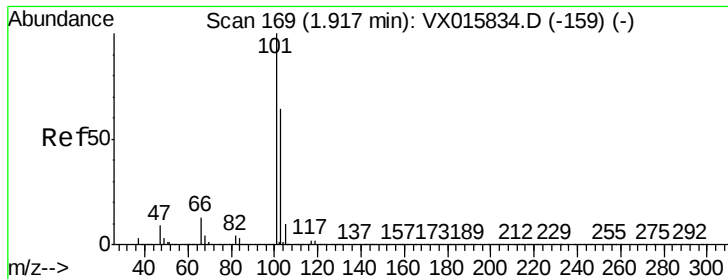
Tgt Ion: 64 Resp: 234310

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2





#7

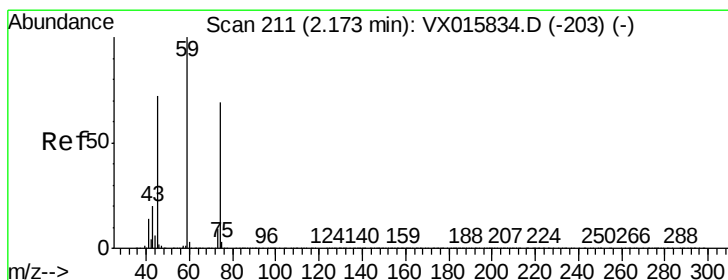
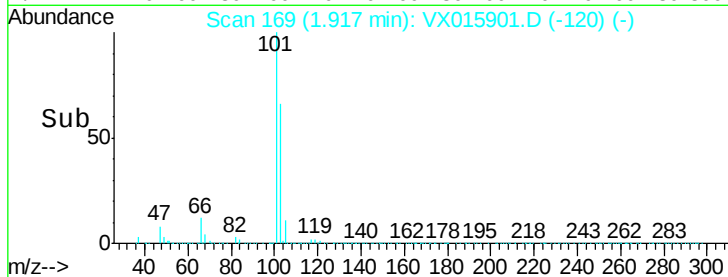
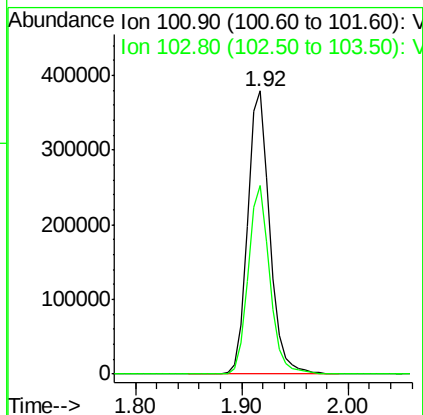
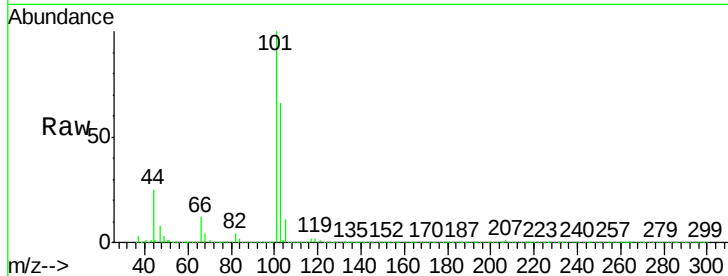
Trichlorofluoromethane
Concen: 51.935 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	549435		
103	66.4	51.4	77.0	

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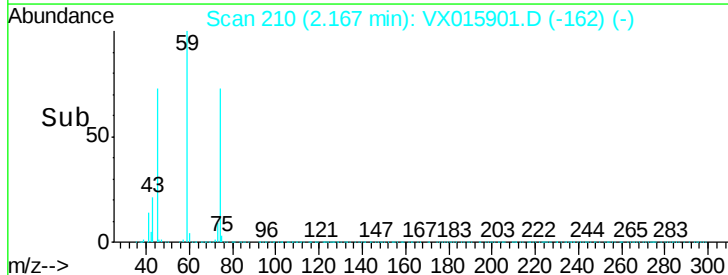
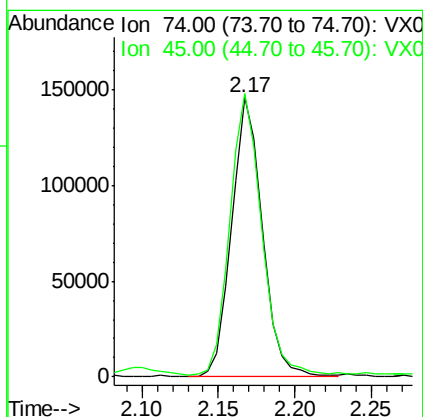
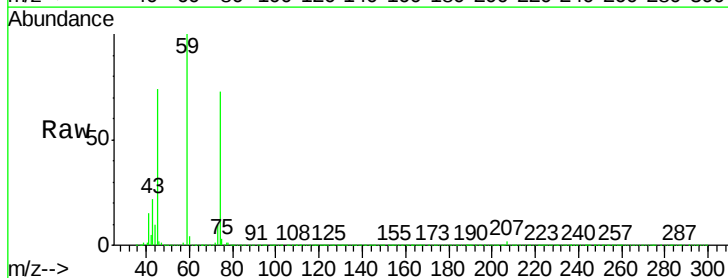
MMDadoda
4/24/2020 11:35:00 AM

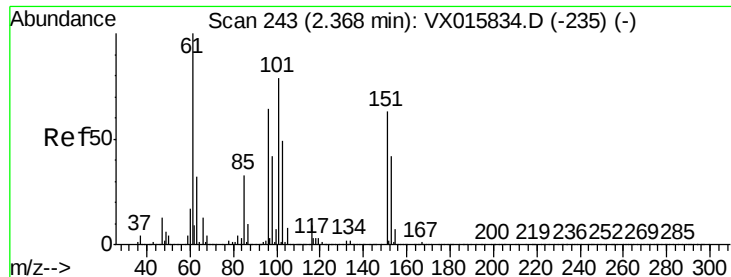


#8

Diethyl Ether
Concen: 47.074 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	201954		
45	103.5	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.739 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

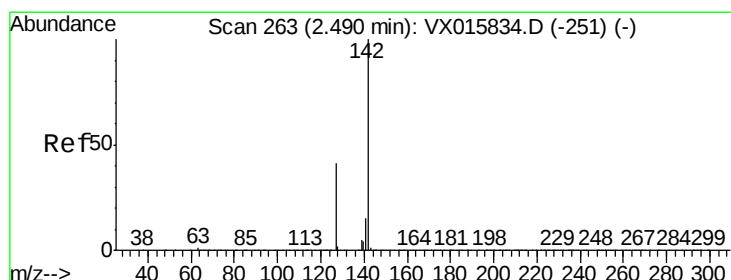
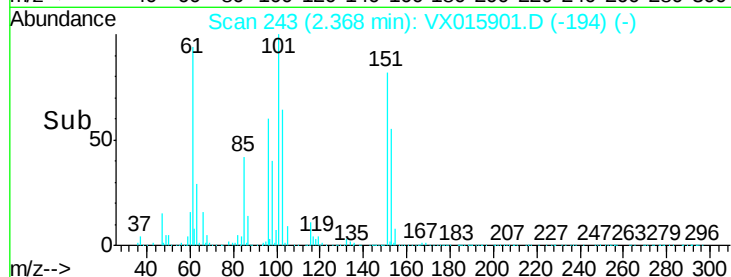
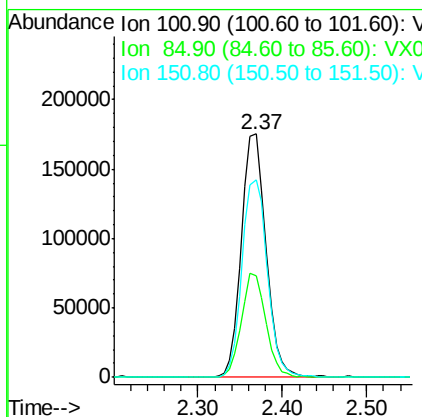
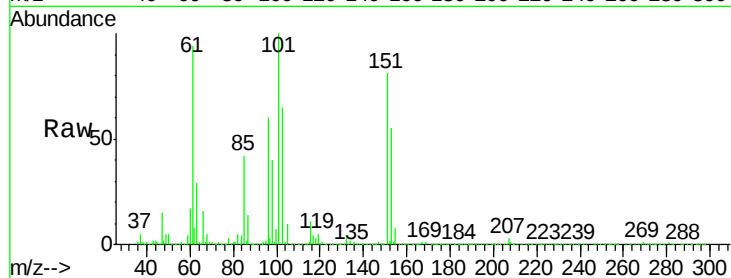
ClientSampleId :

S73-0240MSD

Tot Ion:	101	Resp:	342604
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.8	50.6
151	84.4	67.8	101.6

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#10

Methyl Iodide

Concen: 46.737 ug/l

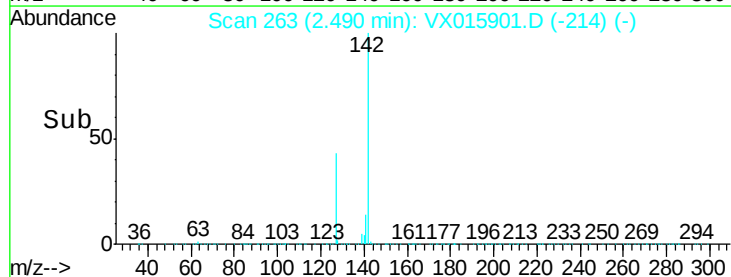
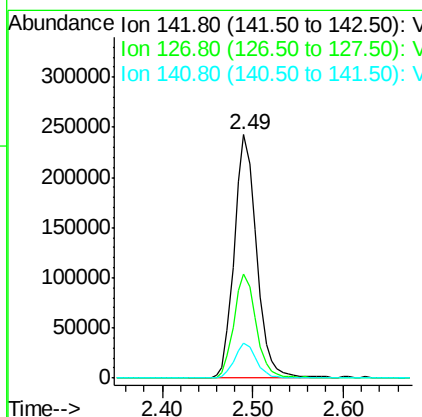
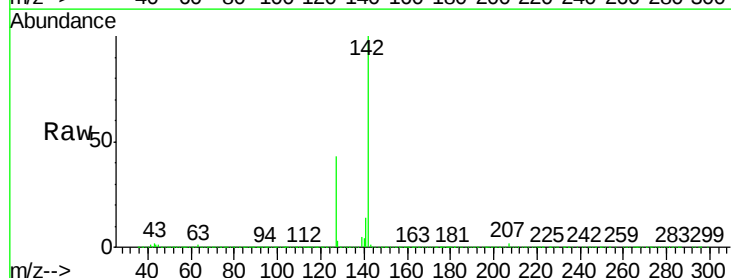
RT: 2.49 min Scan# 263

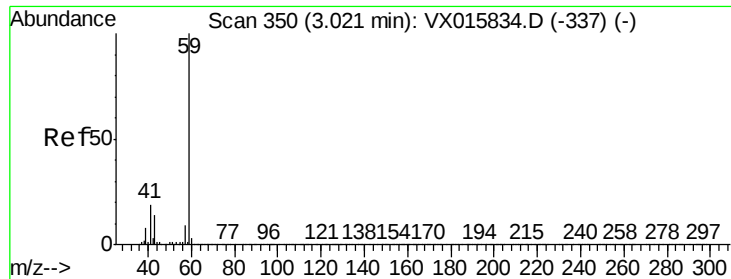
Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion:	142	Resp:	414391
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.3	49.9
141	14.2	11.8	17.6





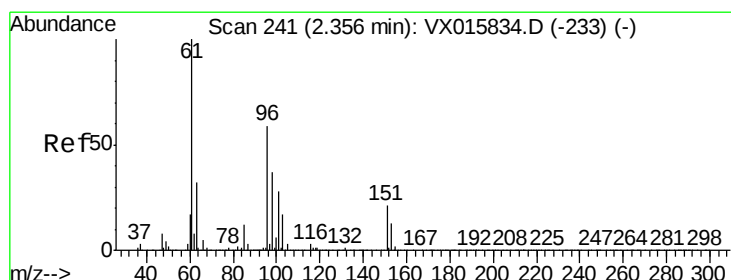
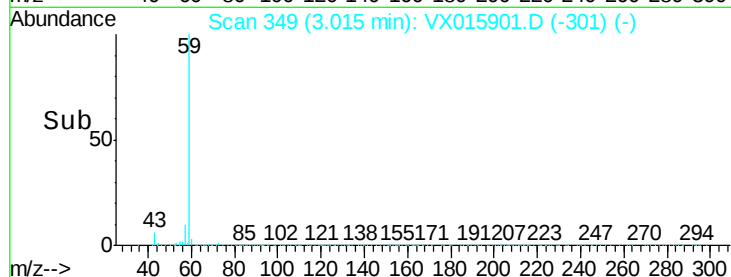
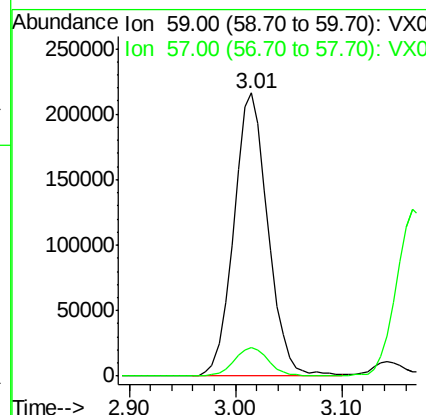
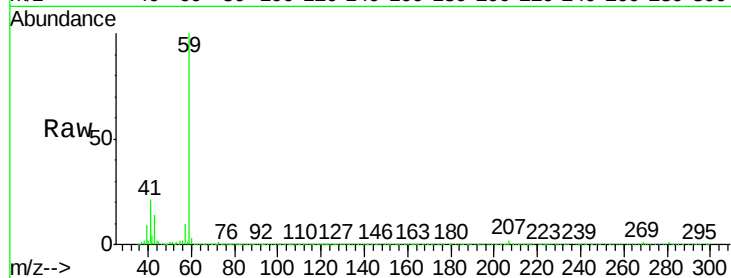
#11
Tert butyl alcohol
Concen: 246.905 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	482140		
57	9.9		8.2	12.2

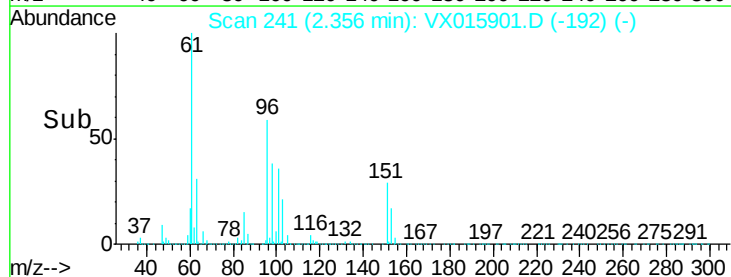
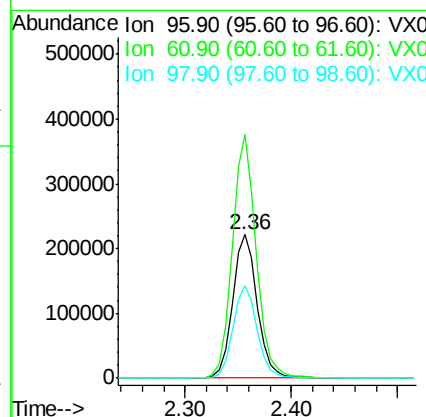
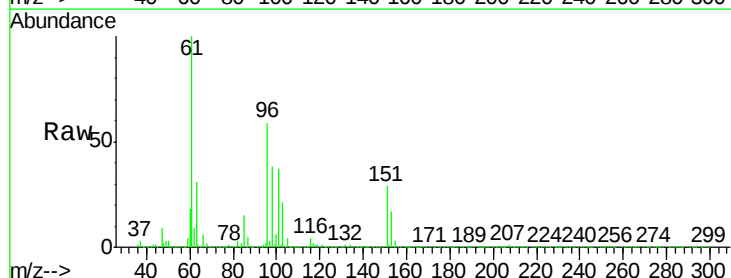
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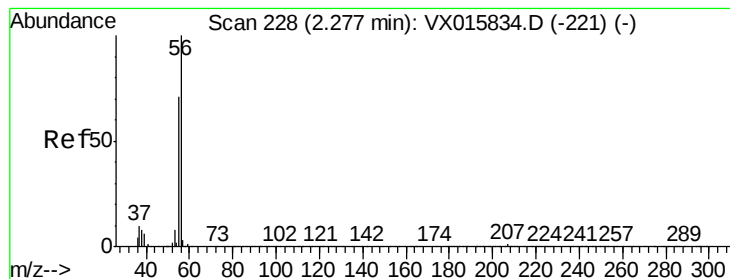
MMDadoda
4/24/2020 11:35:00 AM



#12
1,1-Dichloroethene
Concen: 47.930 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	352770		
61	170.4		135.0	202.6
98	64.8		50.6	76.0





#13

Acrolein

Concen: 238.771 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MSD

Tot Ion: 56 Resp: 275883

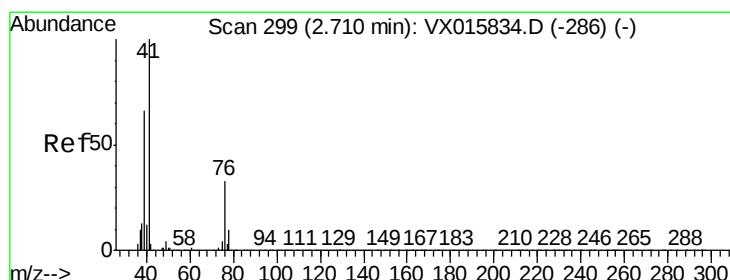
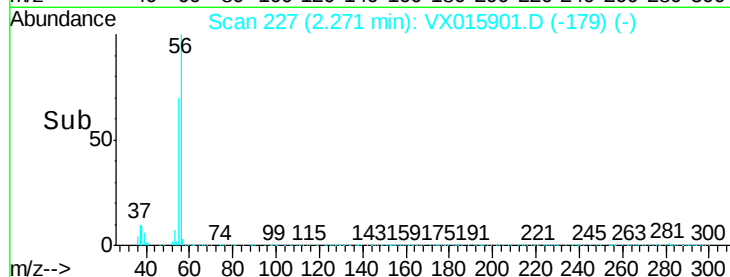
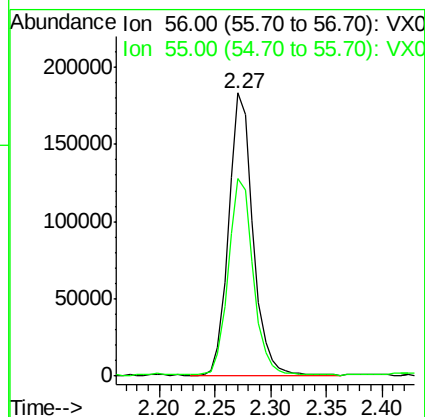
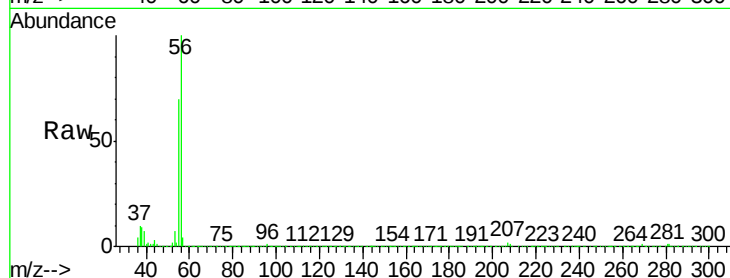
Ion Ratio Lower Upper

56 100

55 70.9 56.1 84.1

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#14

Allyl chloride

Concen: 47.738 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

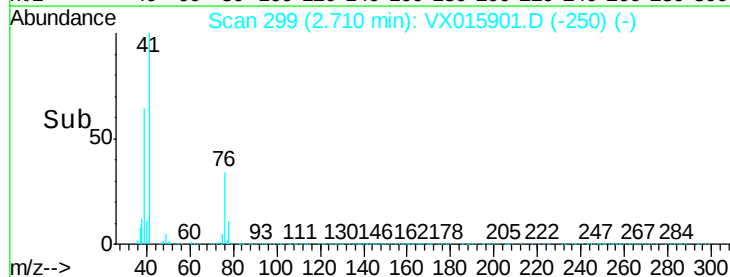
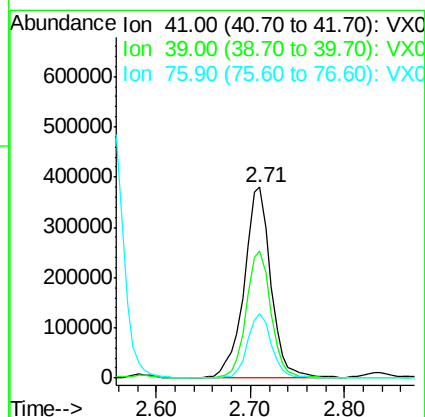
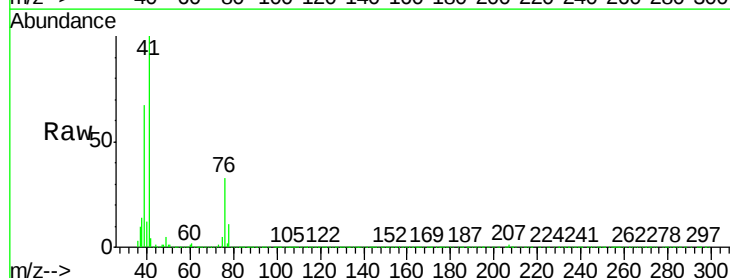
Tgt Ion: 41 Resp: 746626

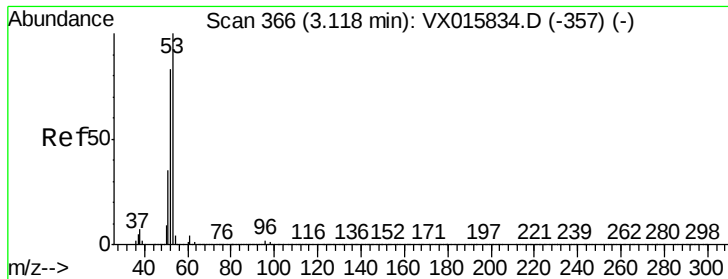
Ion Ratio Lower Upper

41 100

39 61.7 48.4 72.6

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 255.942 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MSD

Tot Ion: 53 Resp: 1160077

Ion Ratio Lower Upper

53 100

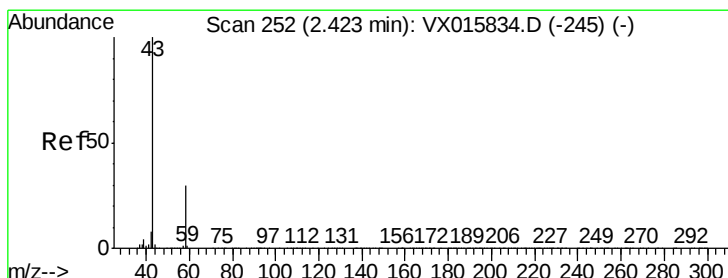
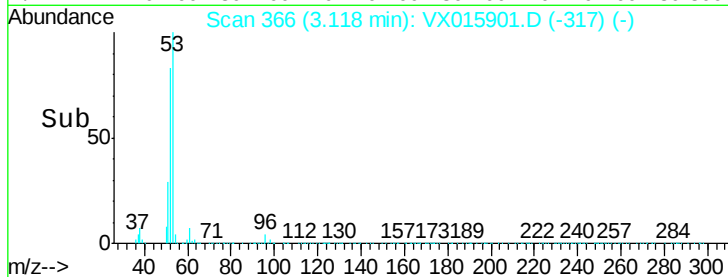
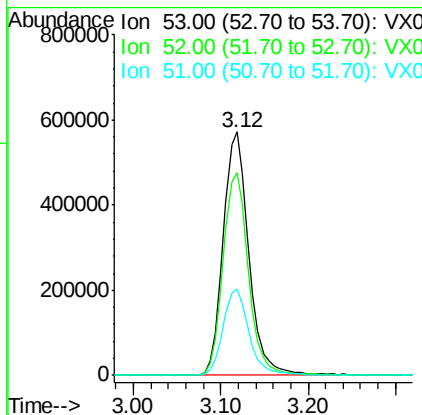
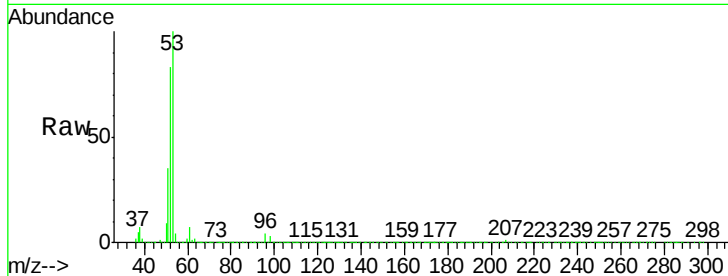
52 82.7 66.2 99.4

51 36.1 28.6 43.0

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#16

Acetone

Concen: 232.224 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015901.D

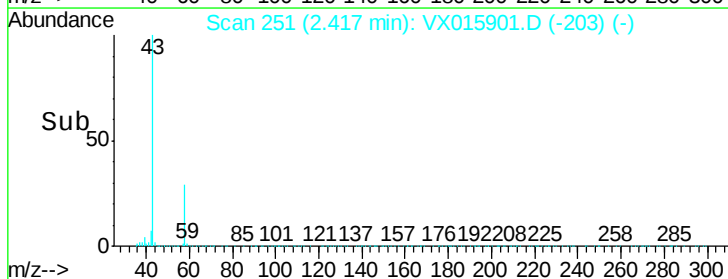
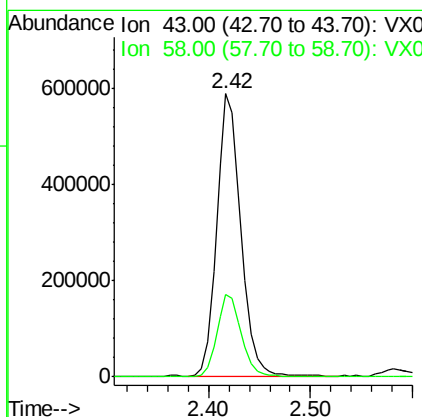
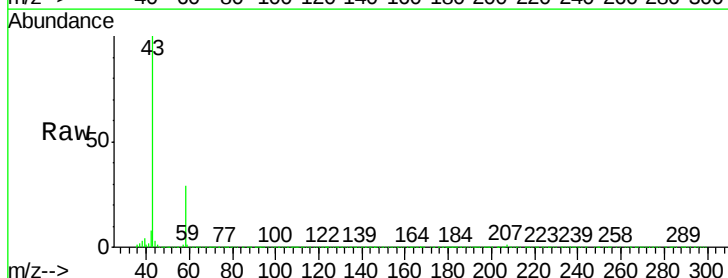
Acq: 23 Apr 2020 19:17

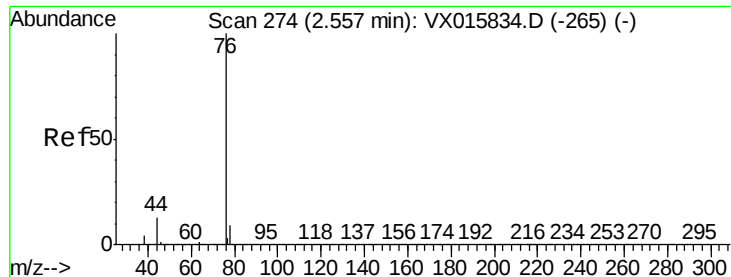
Tgt Ion: 43 Resp: 966400

Ion Ratio Lower Upper

43 100

58 29.2 24.0 36.0





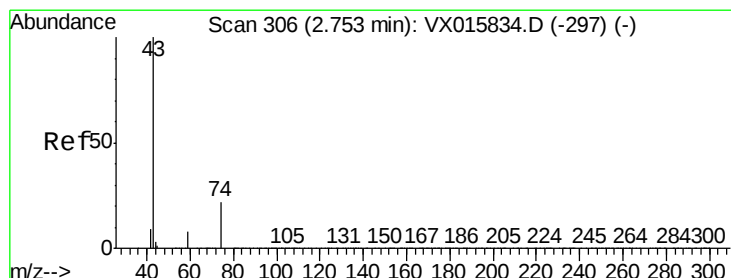
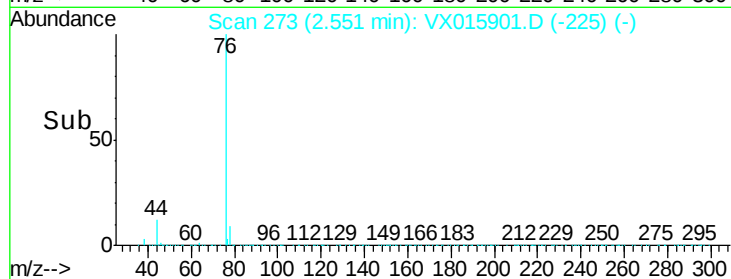
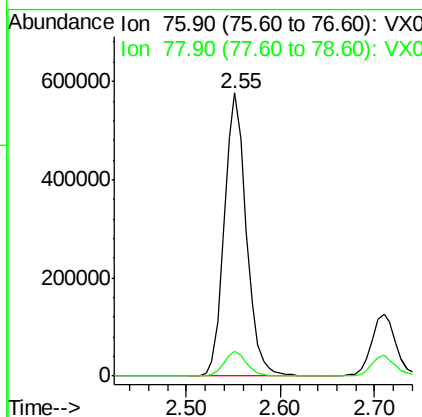
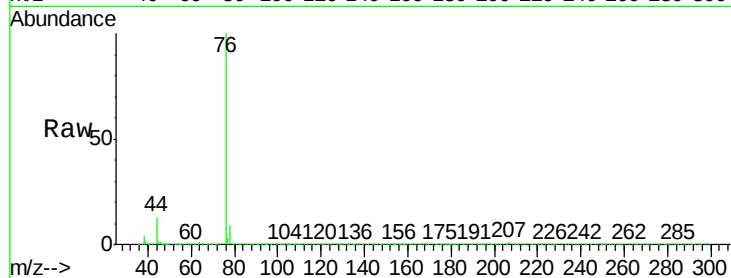
#17
Carbon Disulfide
Concen: 35.024 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

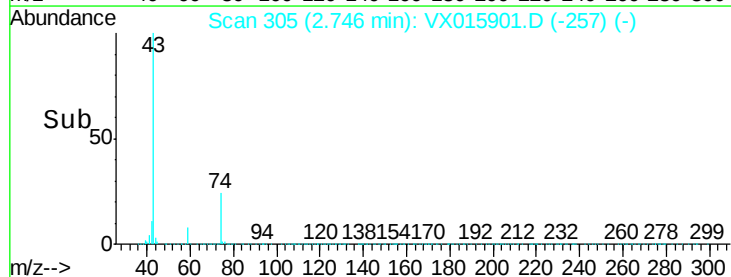
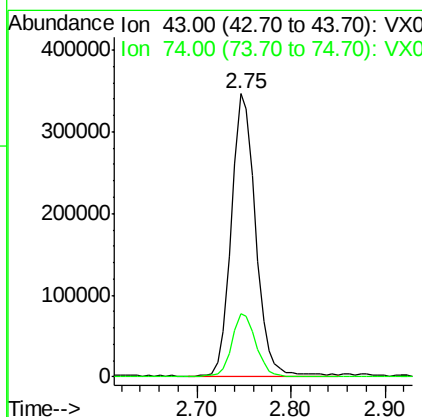
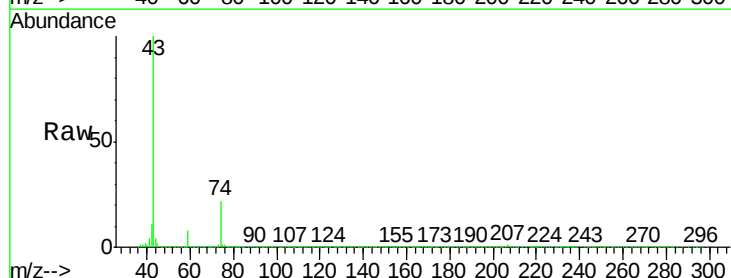
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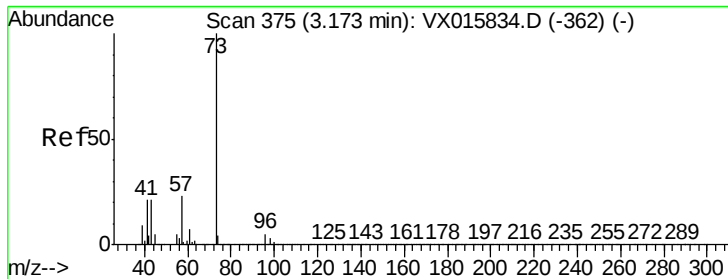
MMDadoda
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#18
Methyl Acetate
Concen: 45.018 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.9	26.9





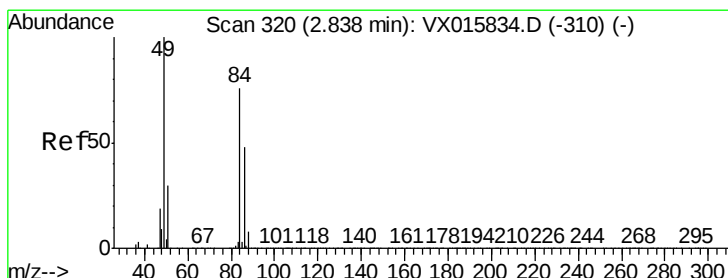
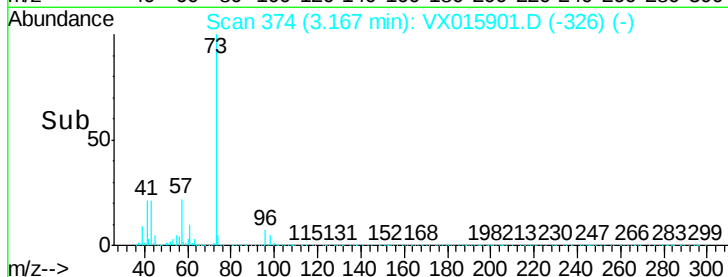
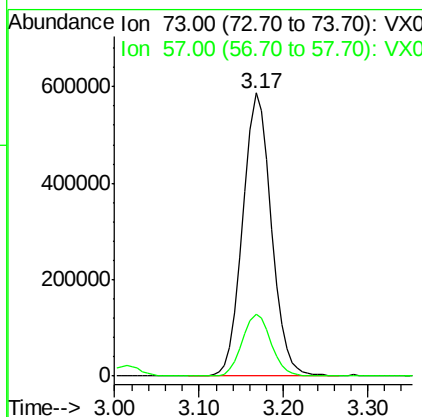
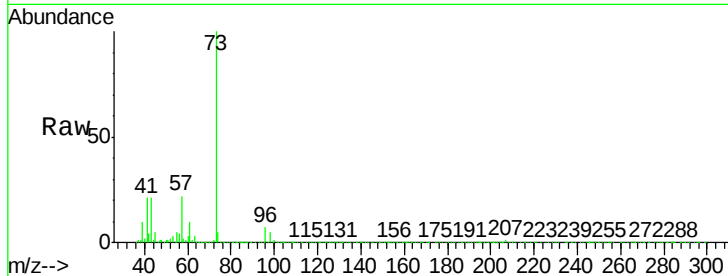
#19
Methvl tert-butvl Ether
Concen: 51.502 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion: 73 Resp: 1338200
Ion Ratio Lower Upper
73 100
57 21.6 18.1 27.1

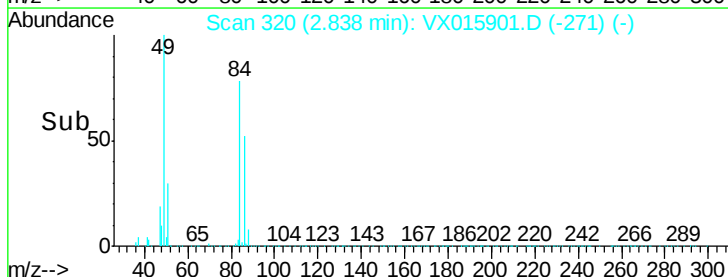
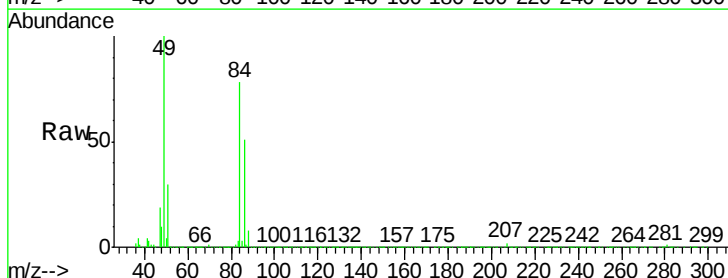
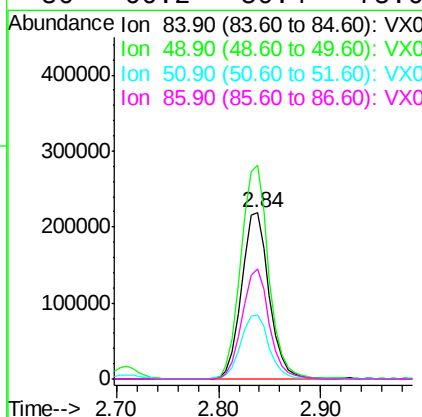
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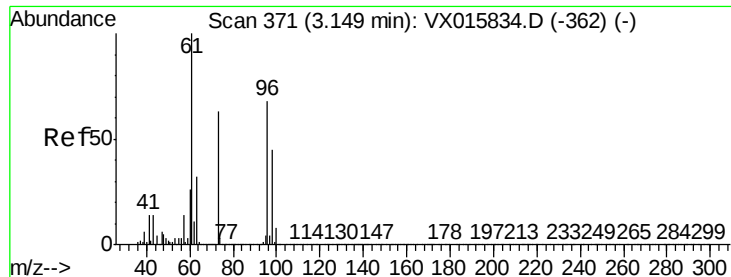
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#20
Methylene Chloride
Concen: 48.329 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion: 84 Resp: 408292
Ion Ratio Lower Upper
84 100
49 128.6 104.9 157.3
51 38.7 32.0 48.0
86 66.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.365 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

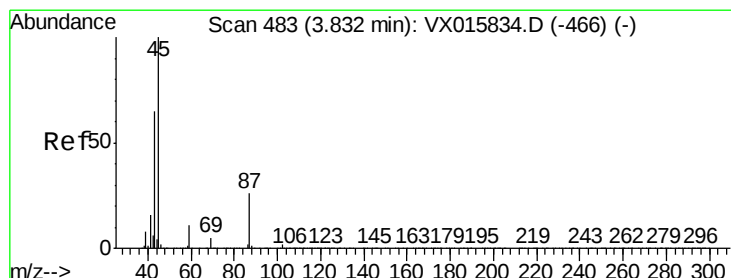
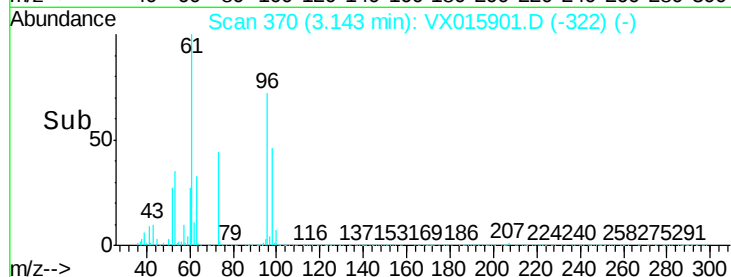
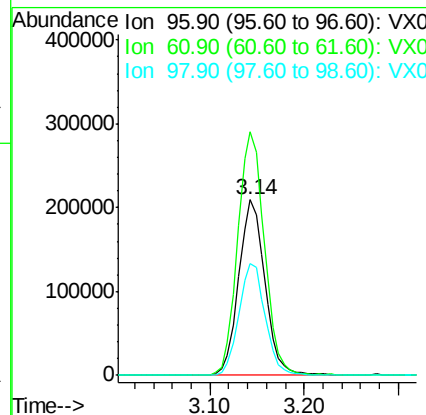
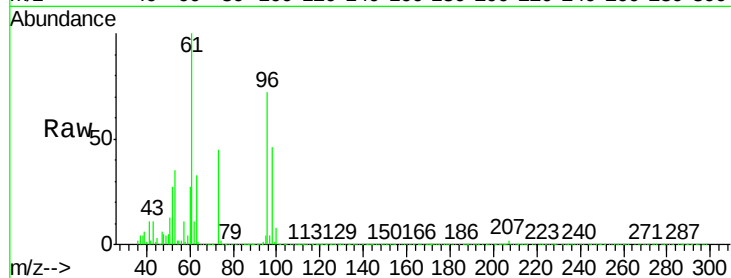
ClientSampleId :

S73-0240MSD

Tot Ion:	96	Resp:	403122
Ion Ratio	Lower	Upper	
96	100		
61	138.9	117.5	176.3
98	63.5	52.7	79.1

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#22

Diisopropyl ether

Concen: 50.350 ug/l

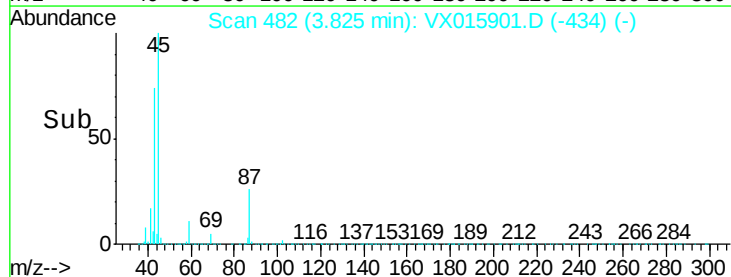
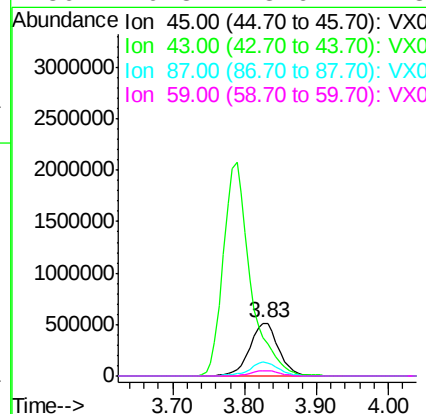
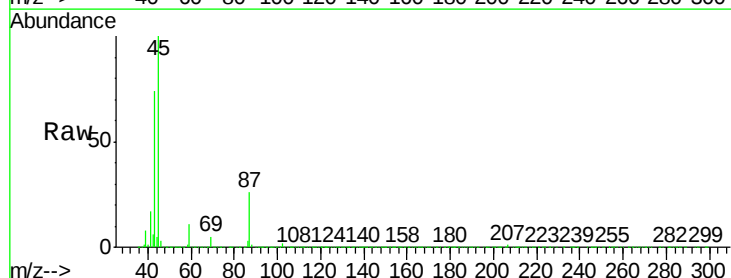
RT: 3.83 min Scan# 482

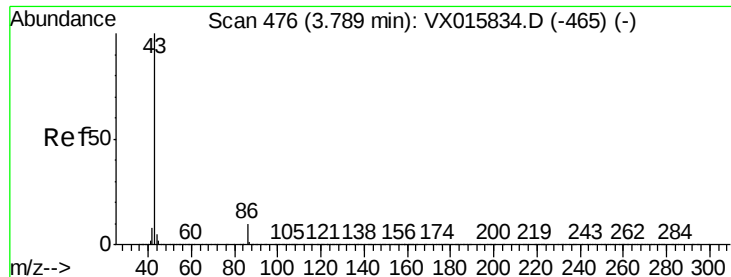
Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion:	45	Resp:	1419333
Ion Ratio	Lower	Upper	
45	100		
43	73.7	52.4	78.6
87	25.7	20.7	31.1
59	10.8	8.6	12.8





#23

Vinyl Acetate

Concen: 233.049 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tot Ion: 43 Resp: 5437232

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0

Instrument :

MSVOA_X

ClientSampleId :

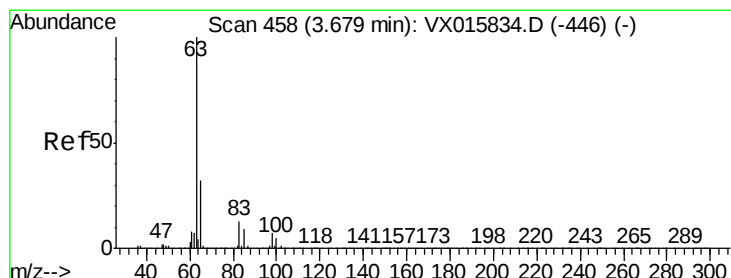
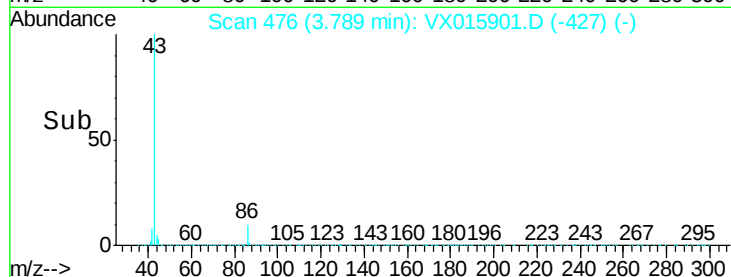
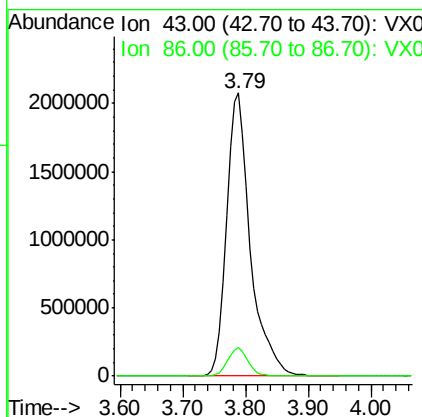
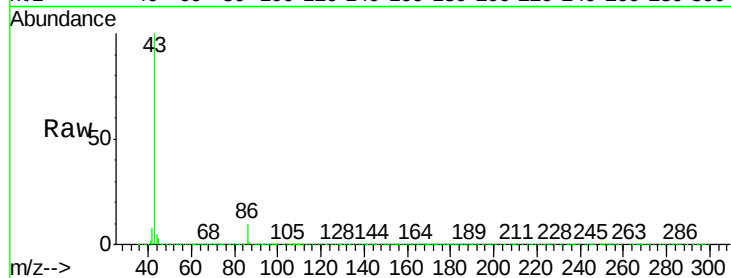
S73-0240MSD

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#24

1,1-Dichloroethane

Concen: 50.442 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

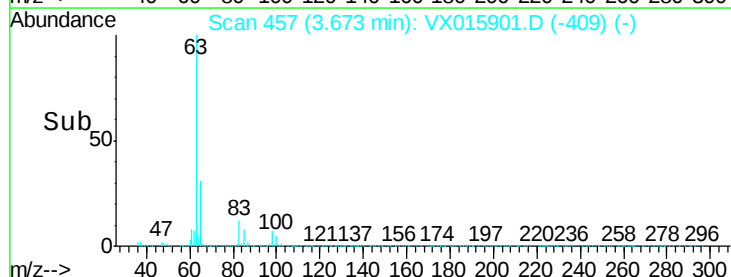
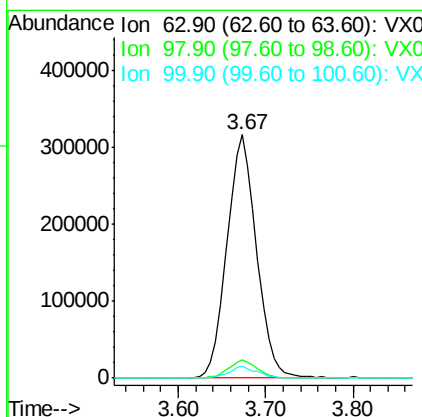
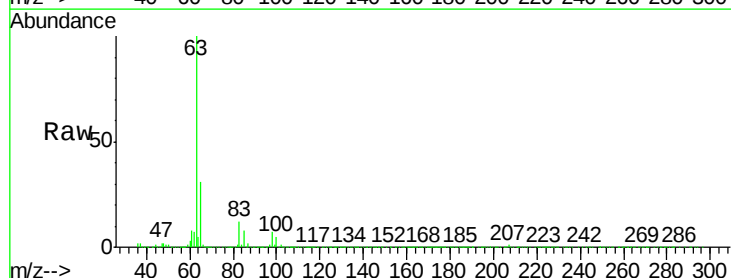
Tgt Ion: 63 Resp: 741129

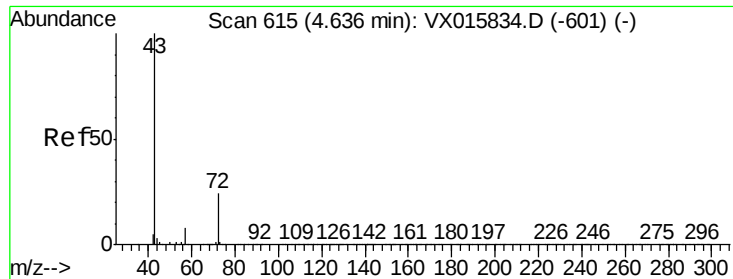
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 249.351 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tot Ion: 43 Resp: 1640136

Ion Ratio Lower Upper

43 100

72 22.7 19.4 29.2

Instrument :

MSVOA_X

ClientSampleId :

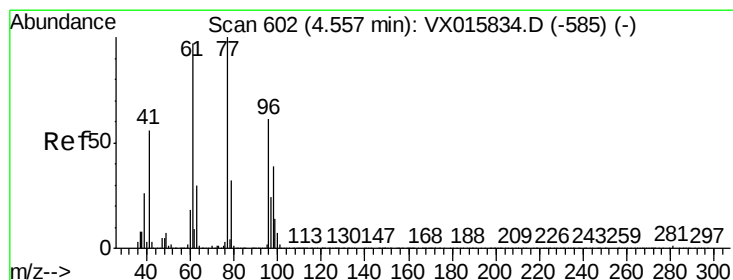
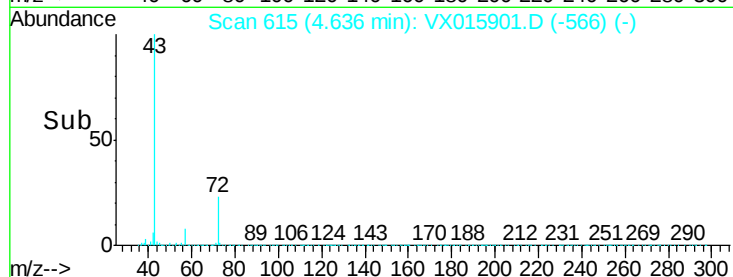
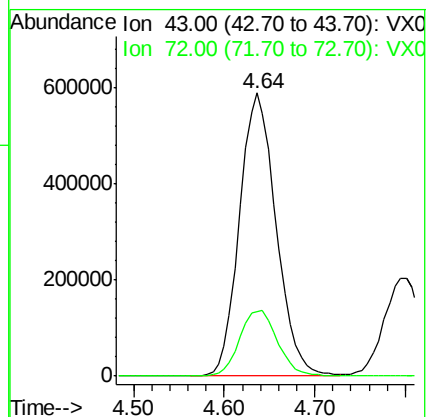
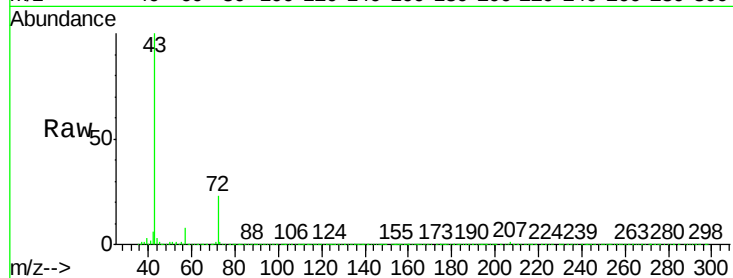
S73-0240MSD

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.718 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015901.D

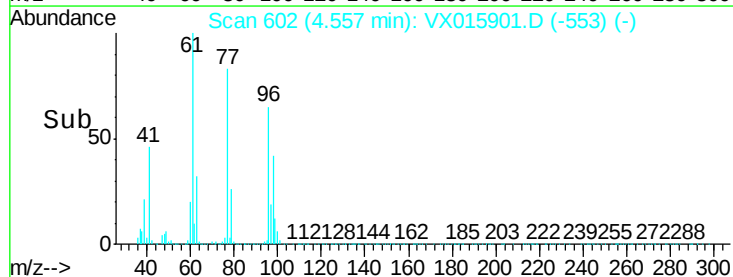
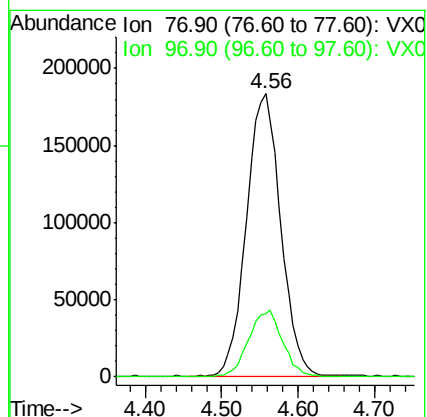
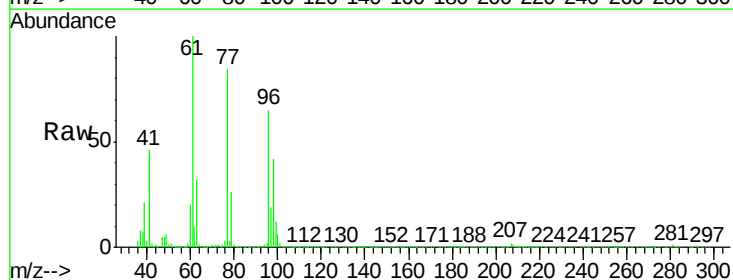
Acq: 23 Apr 2020 19:17

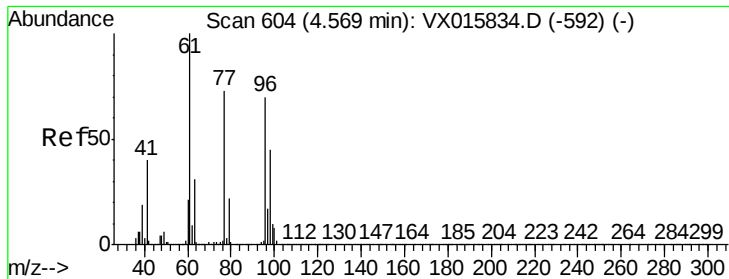
Tgt Ion: 77 Resp: 573794

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.1





#27

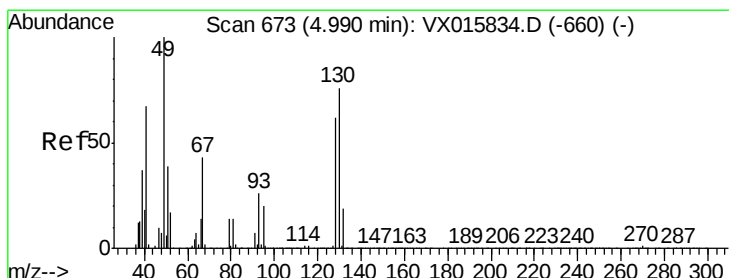
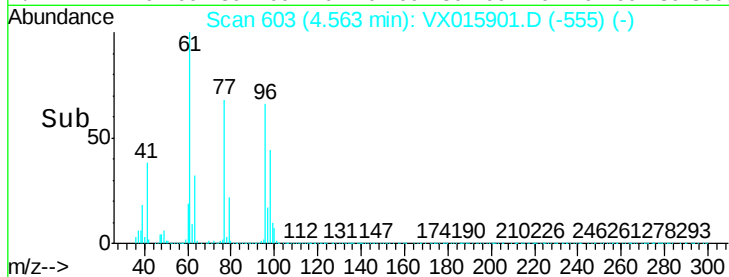
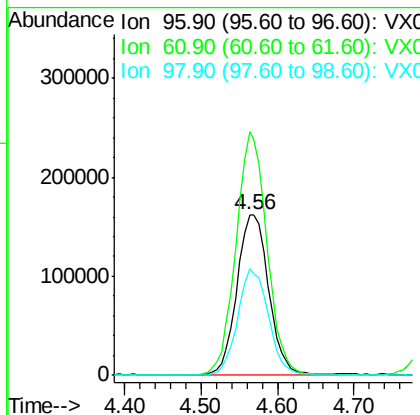
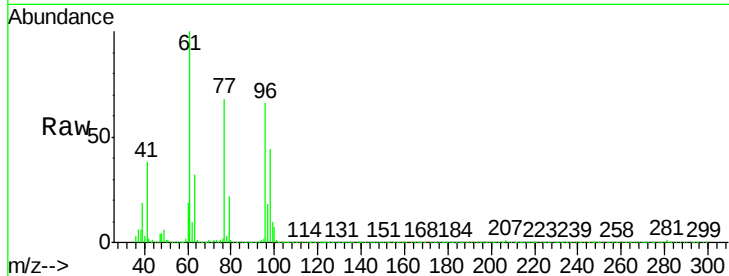
cis-1,2-Dichloroethene
Concen: 50.369 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	466972		
61	147.6	0.0	299.4	
98	64.6	0.0	129.6	

Manual Integrations
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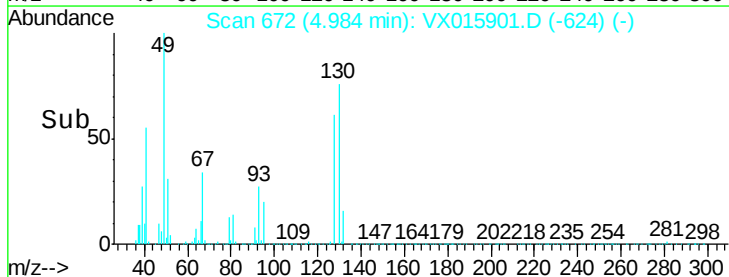
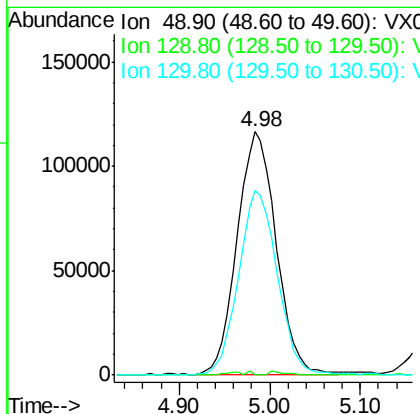
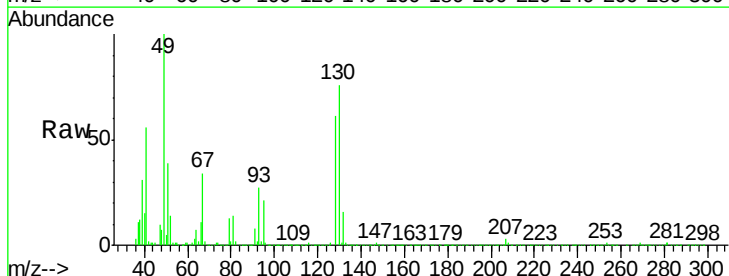
MMDadoda
4/24/2020 11:35:00 AM

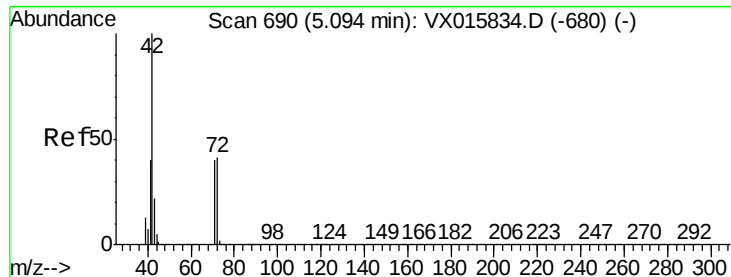


#28

Bromochloromethane
Concen: 44.841 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	345708		
129	0.5	0.0	1.8	
130	76.0	62.4	93.6	





#29

Tetrahydrofuran

Concen: 249.231 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MSD

Tot Ion: 42 Resp: 1084321

Ion Ratio Lower Upper

42 100

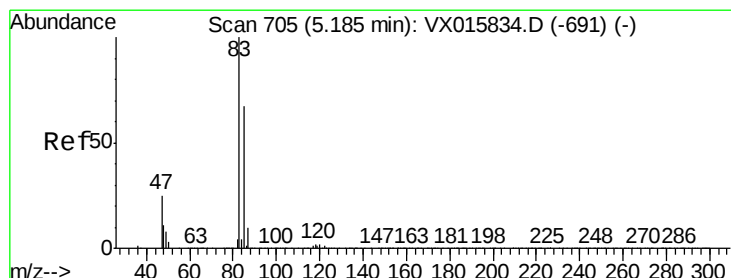
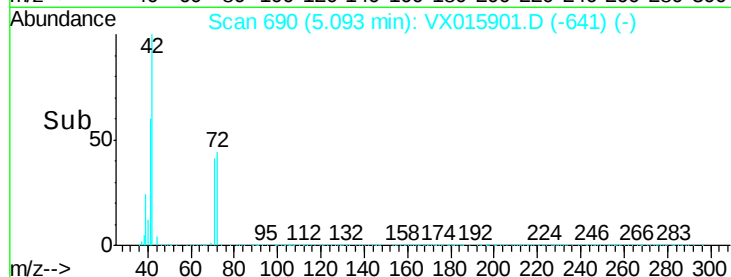
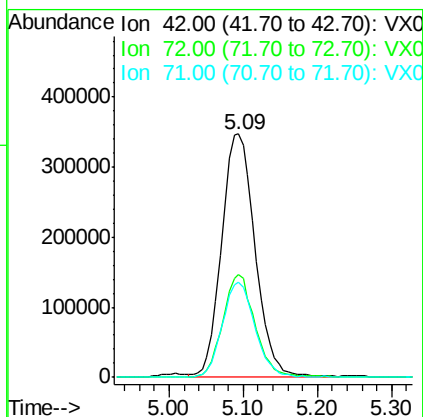
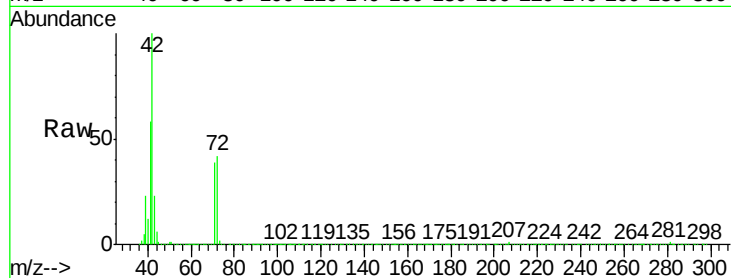
72 40.9 33.0 49.6

71 38.3 30.6 45.8

Manual Integrations
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#30

Chloroform

Concen: 49.890 ug/l

RT: 5.18 min Scan# 705

Delta R.T. -0.00 min

Lab File: VX015901.D

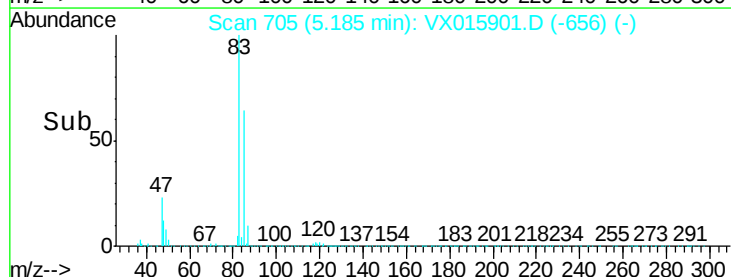
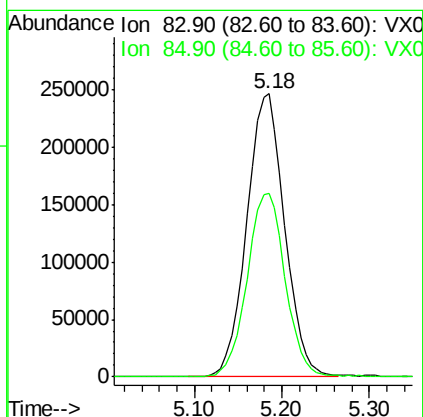
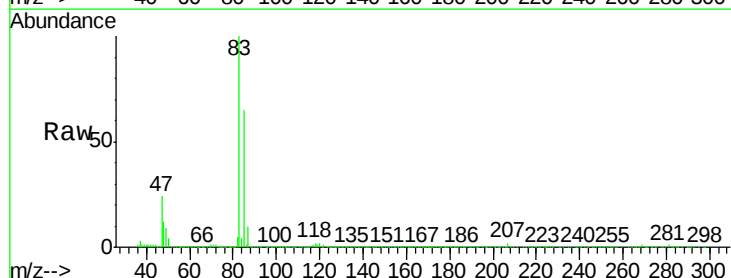
Acq: 23 Apr 2020 19:17

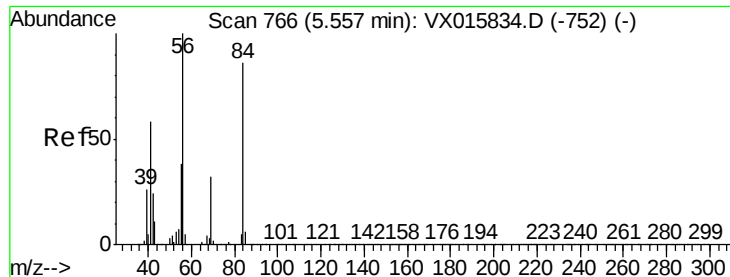
Tgt Ion: 83 Resp: 737521

Ion Ratio Lower Upper

83 100

85 64.5 53.4 80.0





#31

Cyclohexane

Concen: 49.674 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

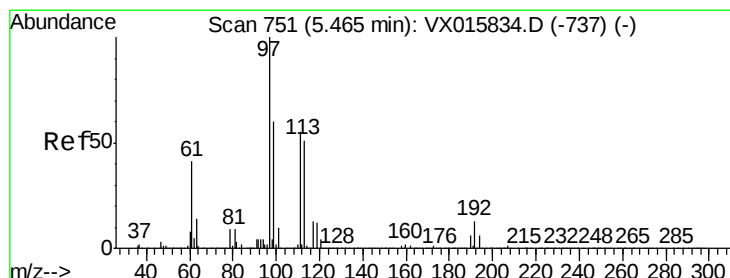
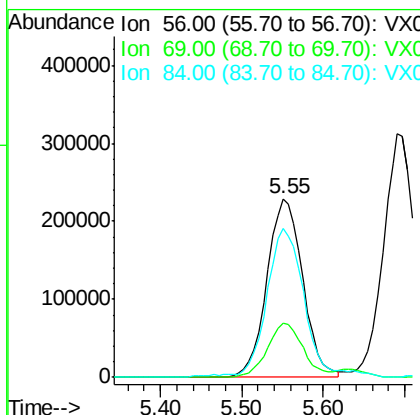
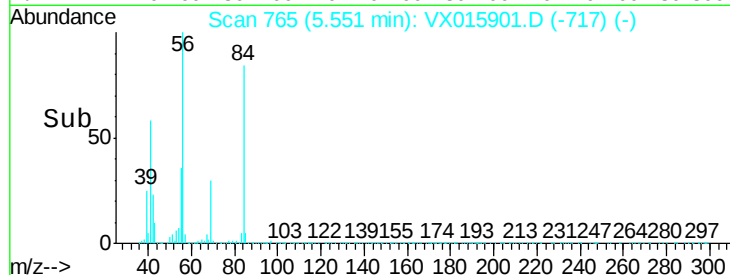
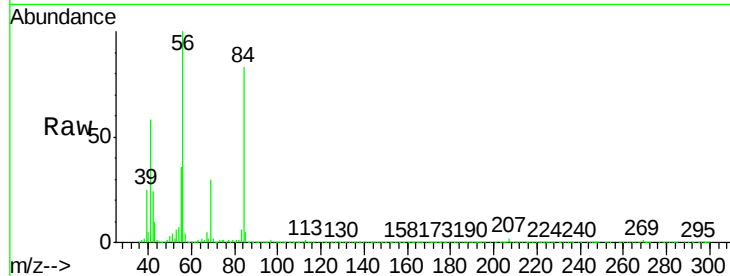
ClientSampleId :

S73-0240MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.0	25.3	37.9	
84	83.1	69.1	103.7	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.251 ug/l

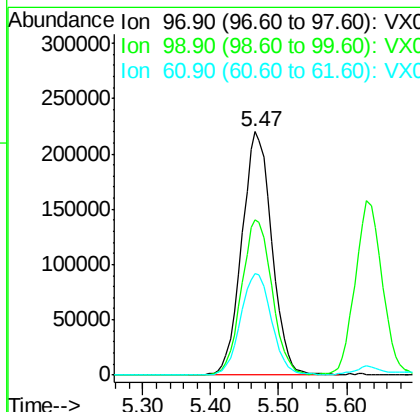
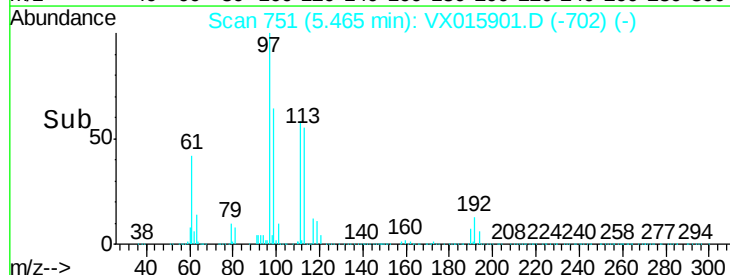
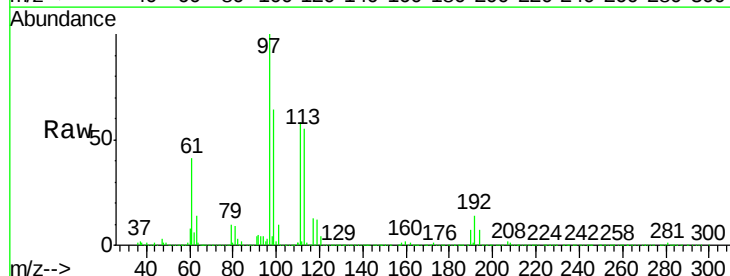
RT: 5.47 min Scan# 751

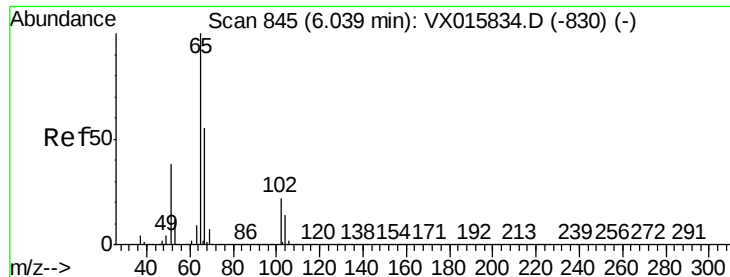
Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.0	51.2	76.8	
61	42.5	34.1	51.1	





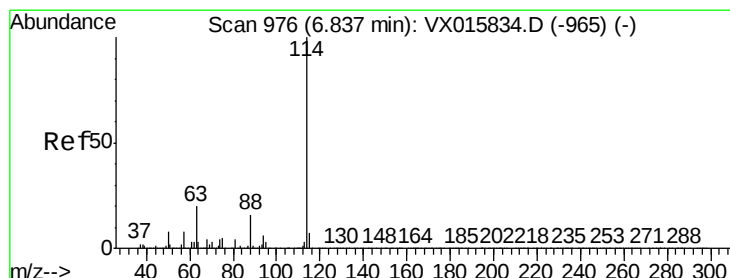
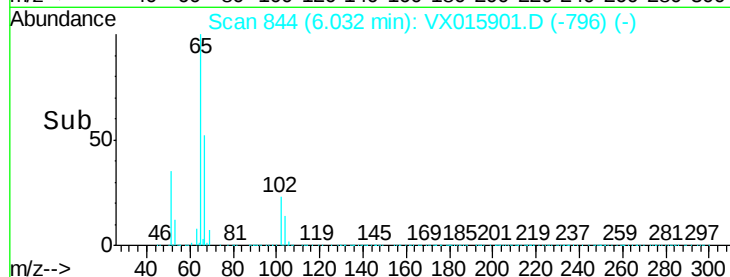
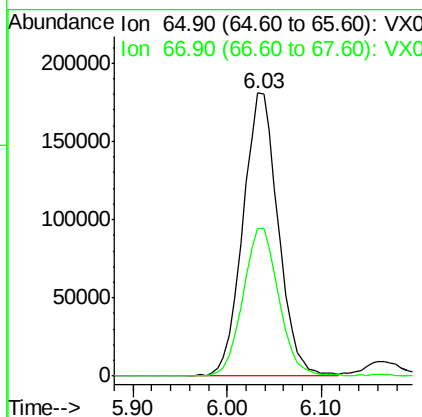
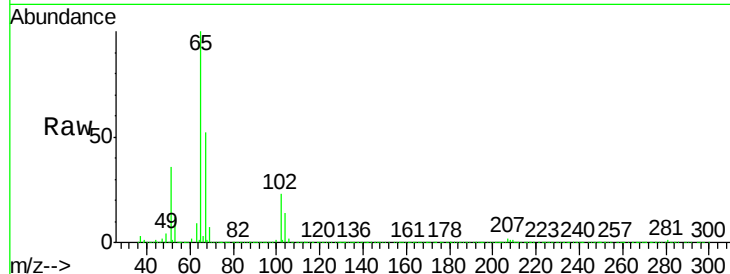
#33
 1,2-Dichloroethane-d4
 Concen: 49.550 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	473564		
67	52.4	0.0	104.2	

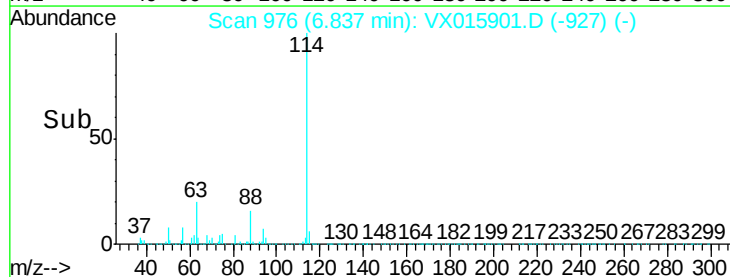
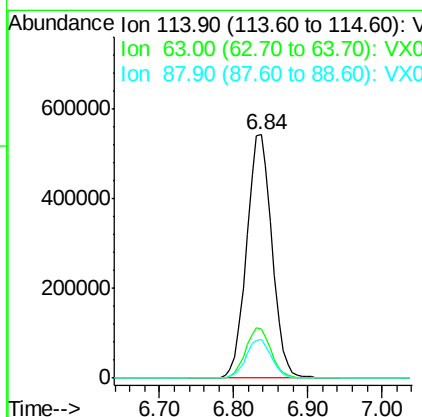
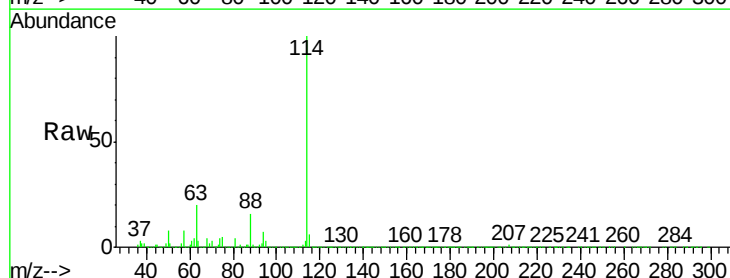
Manual Integrations
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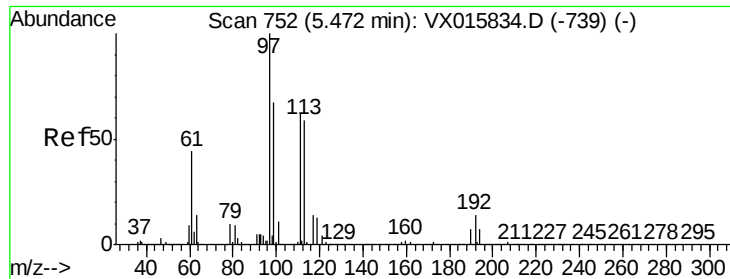
MMDadoda
 4/24/2020 11:35:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1296744		
63	20.1	0.0	40.6	
88	15.6	0.0	32.8	





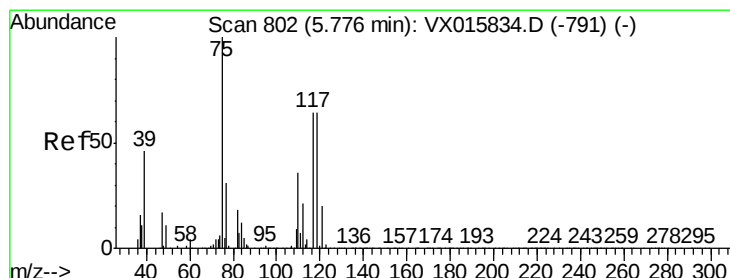
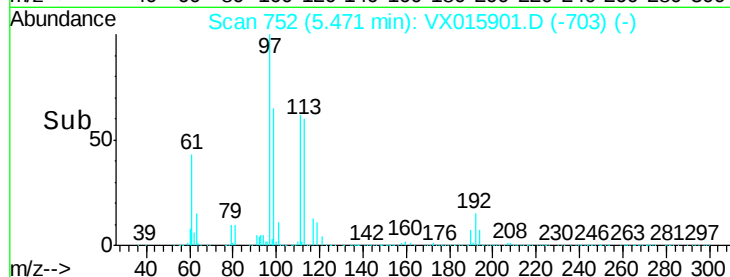
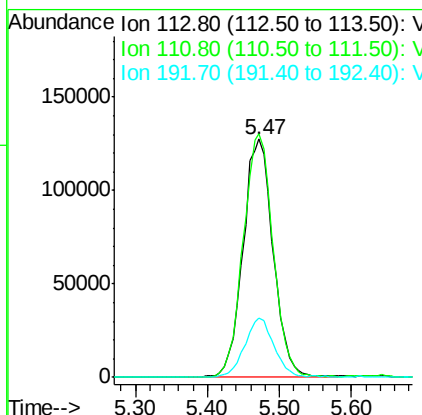
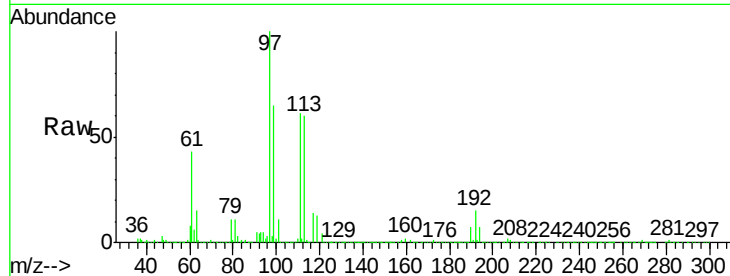
#35
Dibromofluoromethane
Concen: 49.205 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	368302		
111	101.7	82.7	124.1	
192	24.1	19.3	28.9	

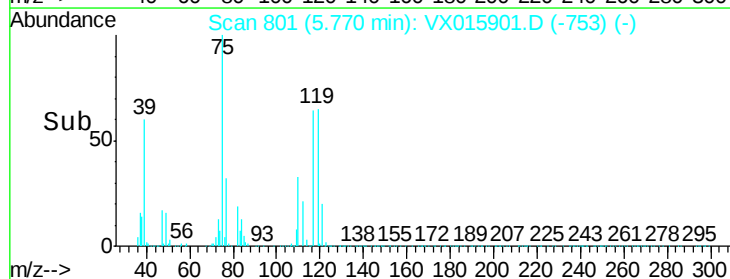
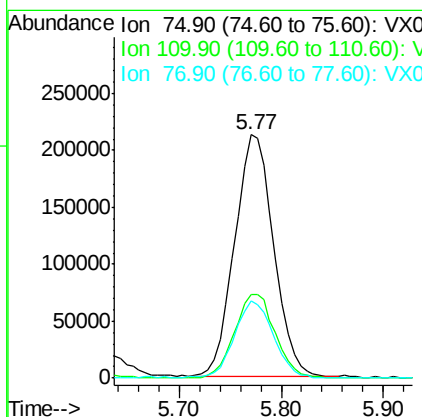
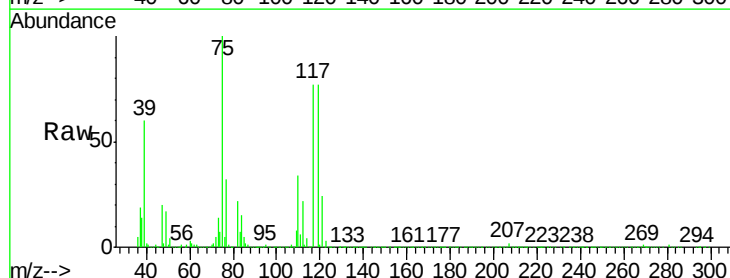
Manual Integrations
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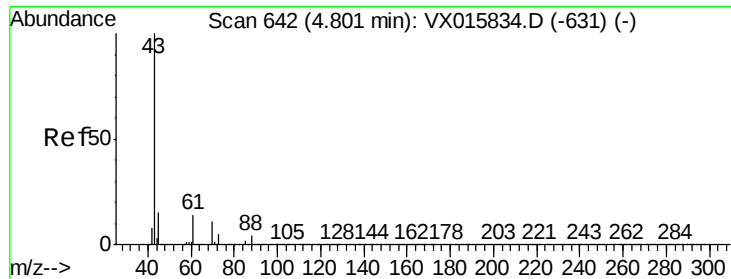
MMDadoda
4/24/2020 11:35:00 AM



#36
1,1-Dichloropropene
Concen: 49.252 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	566198		
110	36.0	17.9	53.8	
77	31.2	24.5	36.7	





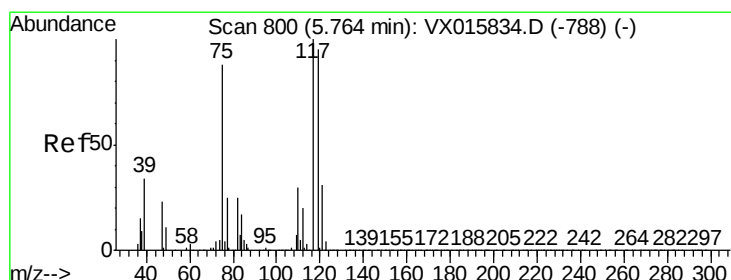
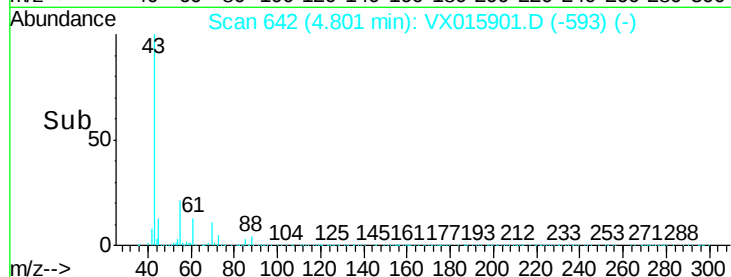
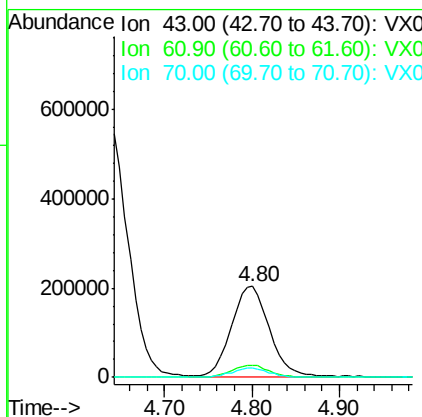
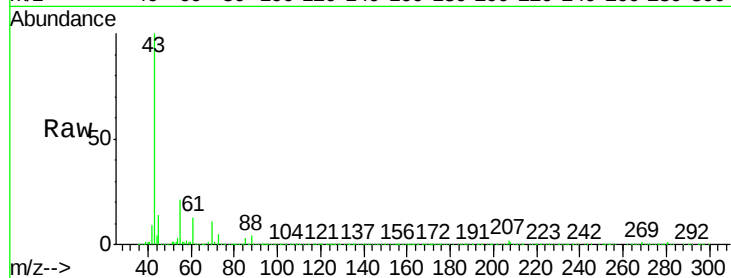
#37
Ethyl Acetate
Concen: 44.291 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion:	43	Resp:	605974
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.8	16.2
70	10.3	8.2	12.2

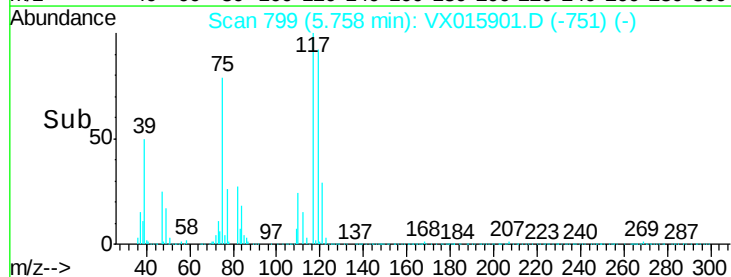
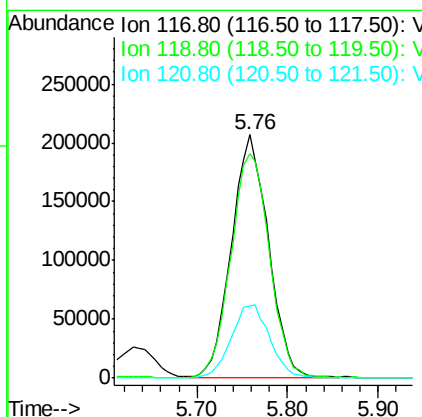
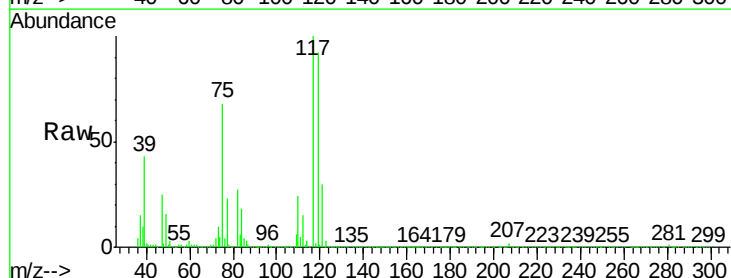
Manual Integrations
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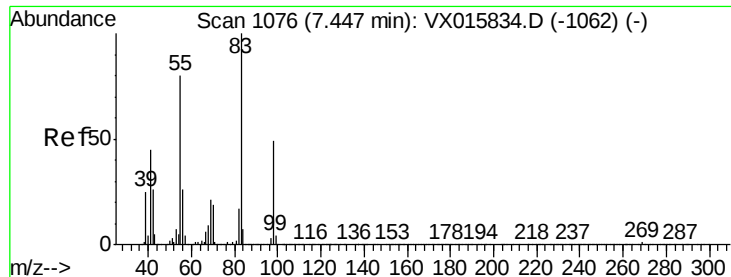
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#38
Carbon Tetrachloride
Concen: 51.392 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion:	117	Resp:	581942
Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.7	113.5
121	29.5	25.0	37.6





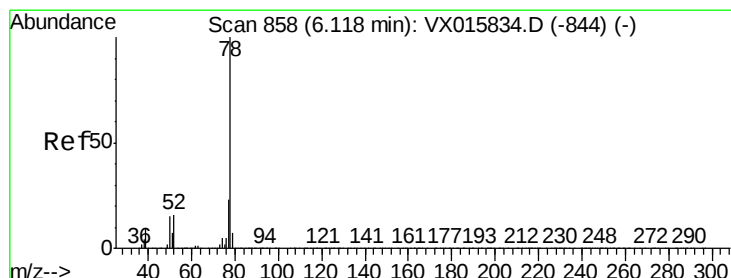
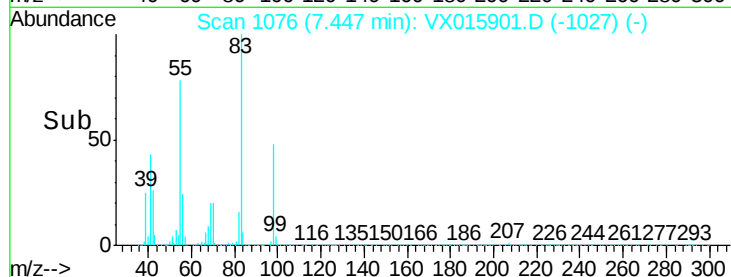
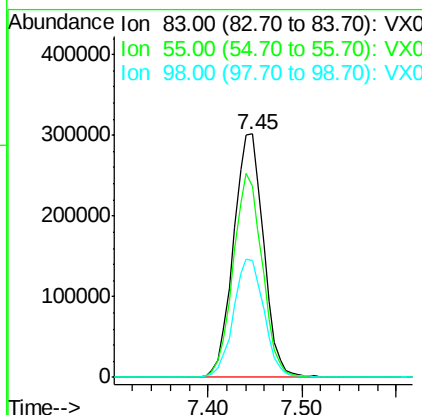
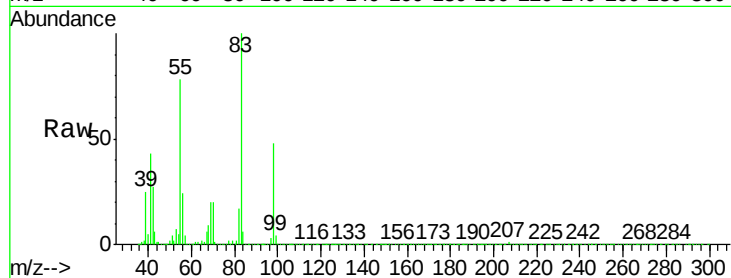
#39
Methvlcvclohexane
Concen: 46.219 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	64.2	96.4
98	47.9	39.3	58.9

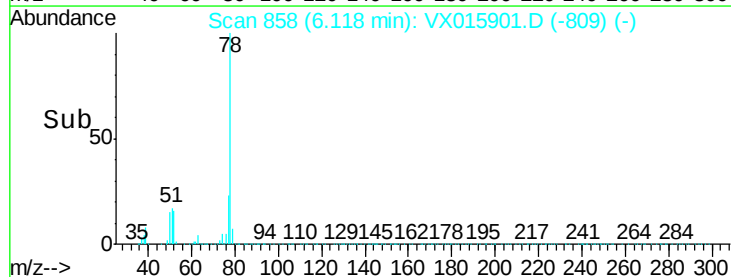
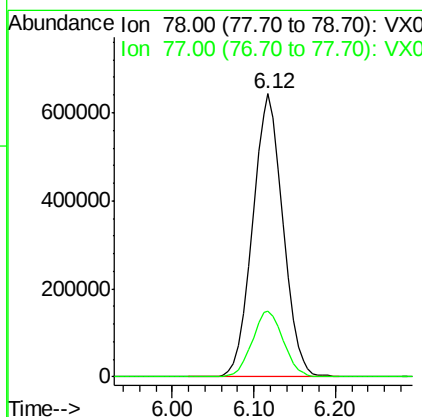
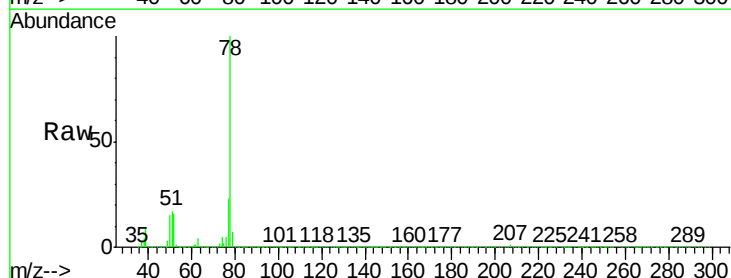
Manual Integrations
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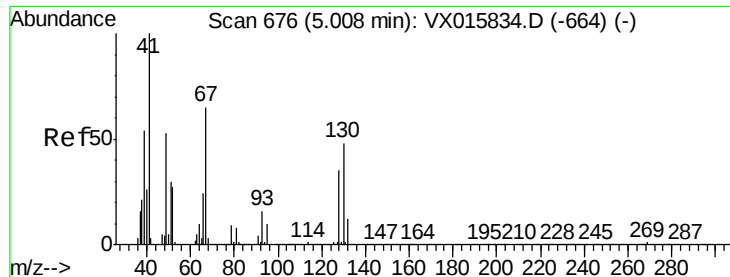
MMDadoda
4/24/2020 11:35:00 AM



#40
Benzene
Concen: 48.057 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8





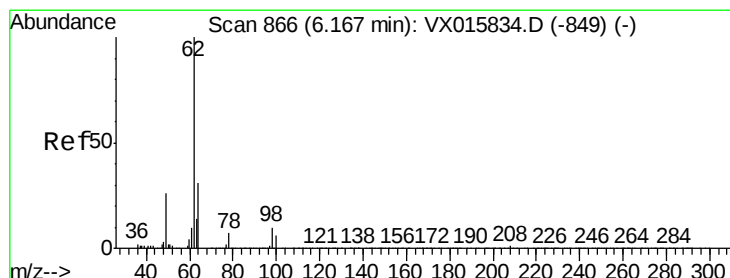
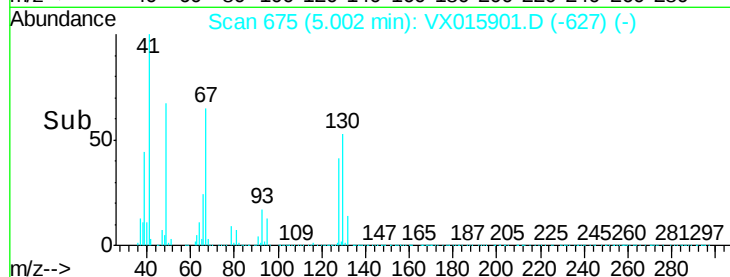
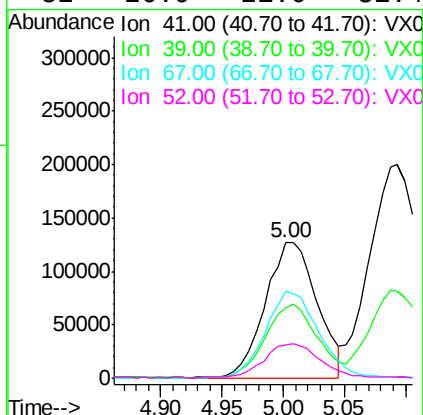
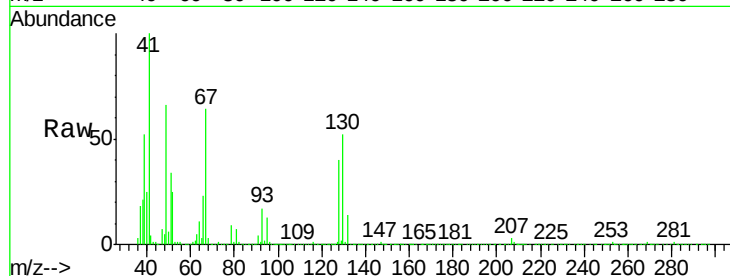
#41
Methacrylonitrile
Concen: 49.203 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.4	63.6
67	65.9	51.9	77.9
52	26.9	21.0	31.4

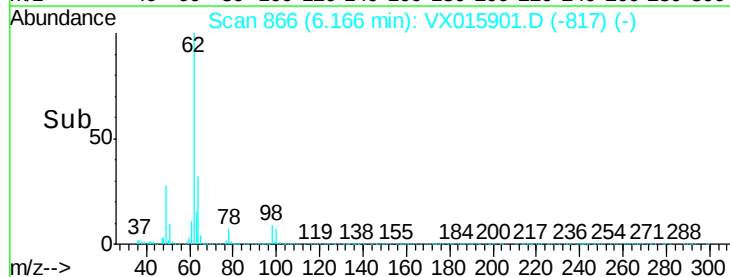
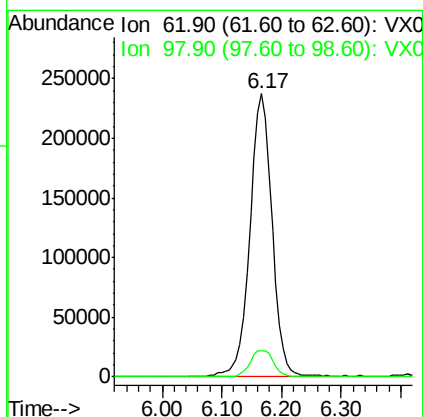
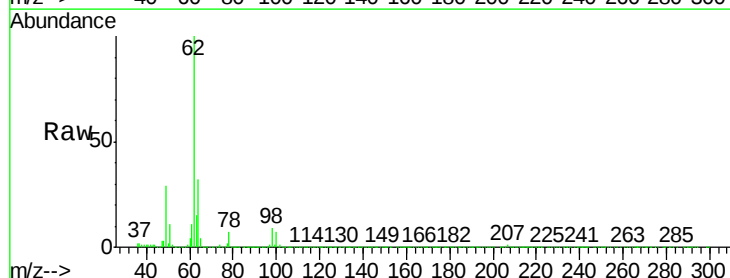
Manual Integrations
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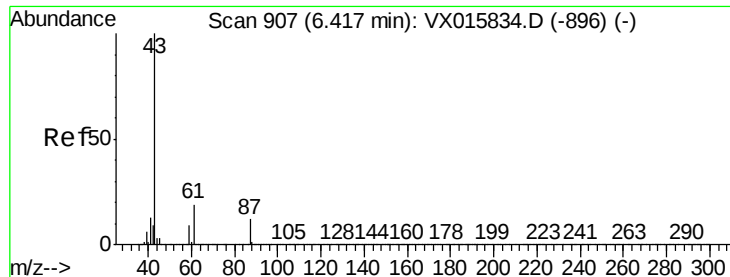
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#42
1,2-Dichloroethane
Concen: 49.243 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

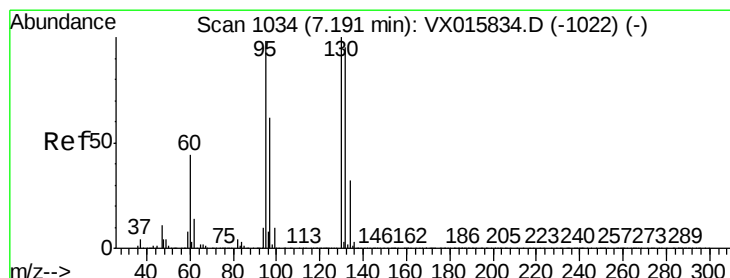
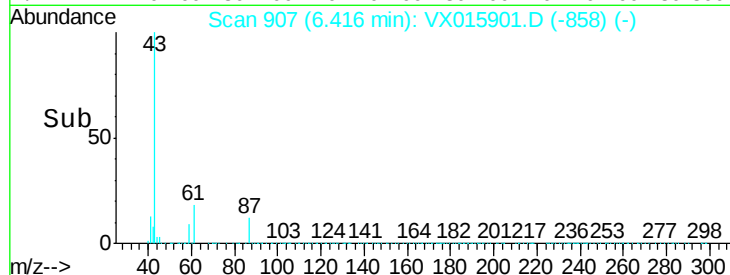
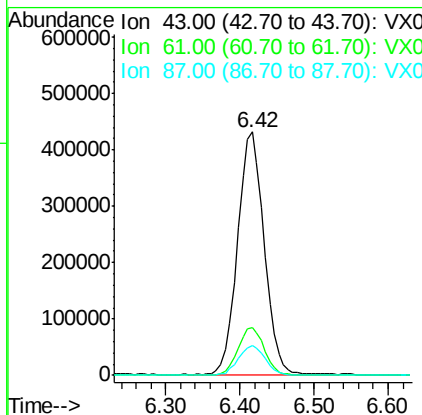
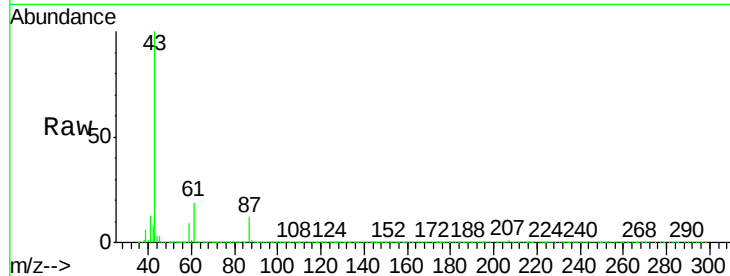
Isopropyl Acetate
 Concen: 46.660 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.2
87	12.5	9.8	14.6

Manual Integrations
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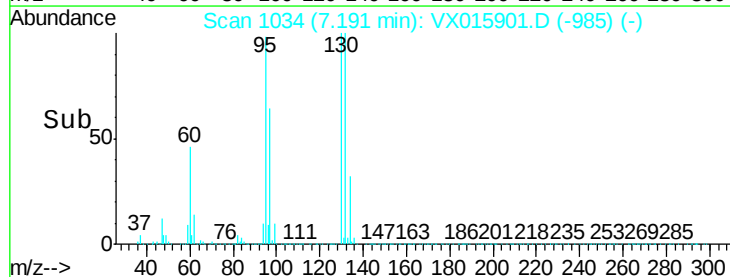
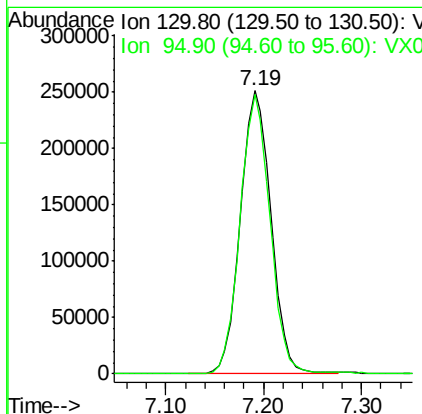
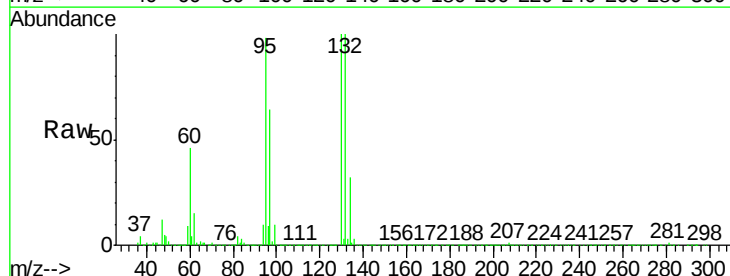
MMDadoda
 4/24/2020 11:35:00 AM

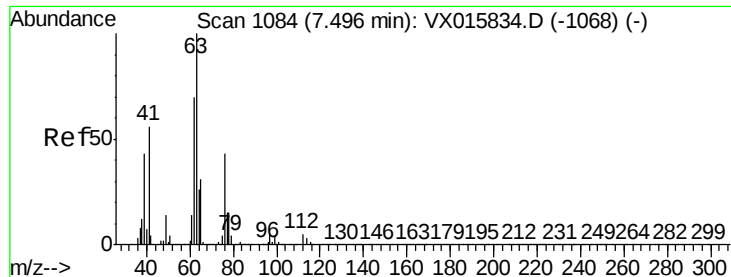


#44

Trichloroethene
 Concen: 44.954 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	195.8





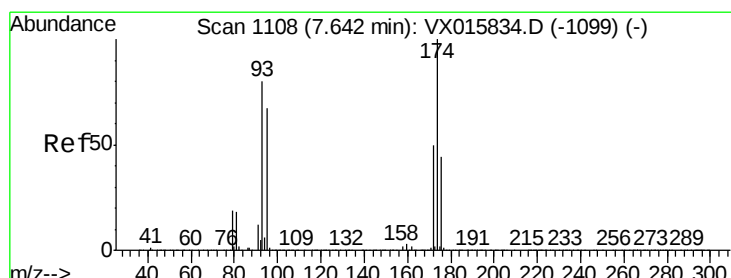
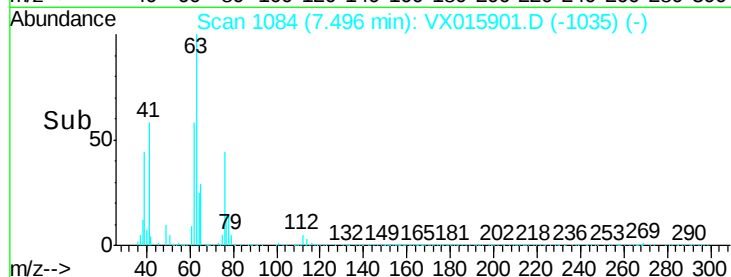
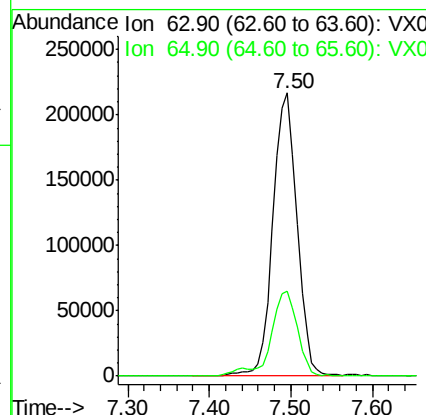
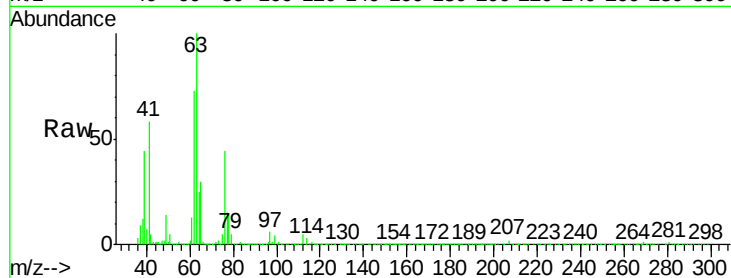
#45
 1,2-Dichloropropane
 Concen: 48.734 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.5	36.7

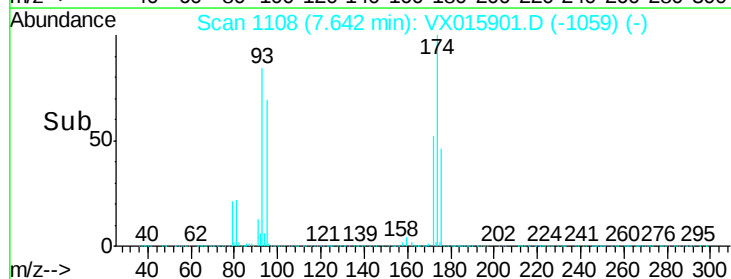
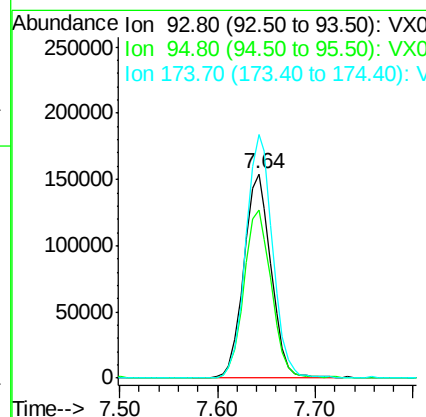
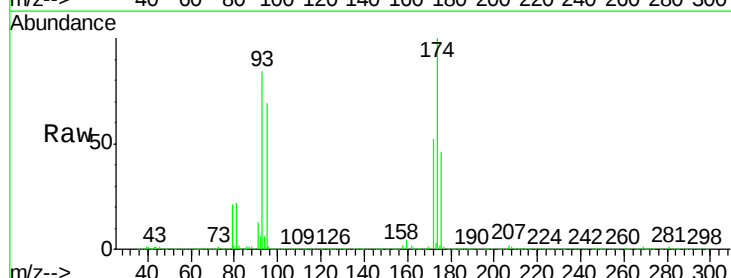
Manual Integrations
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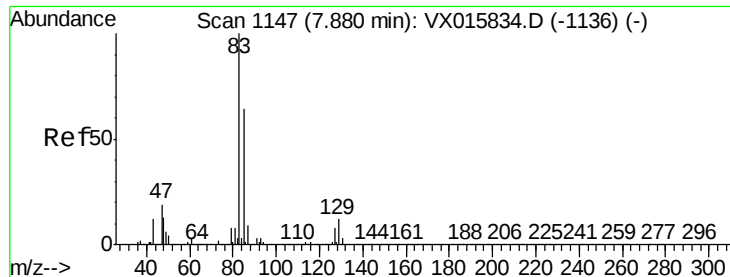
MMDadoda
 4/24/2020 11:35:00 AM



#46
 Dibromomethane
 Concen: 44.801 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	117.0	95.6	143.4





#47

Bromodichloromethane

Concen: 51.387 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

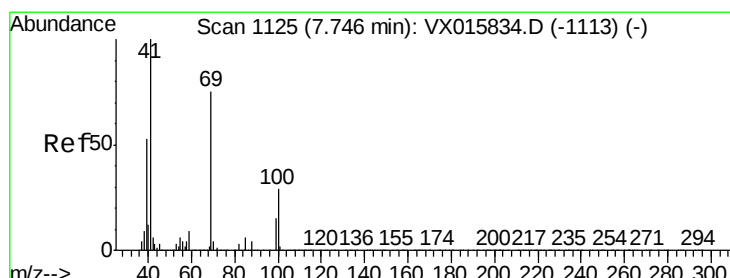
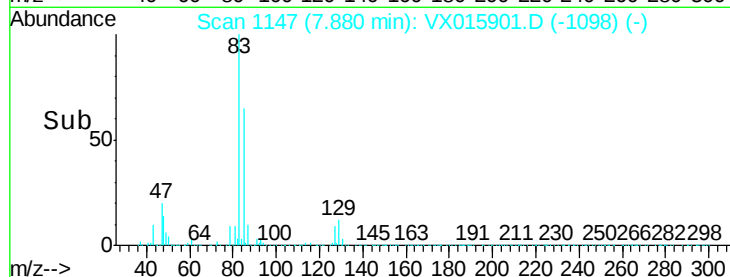
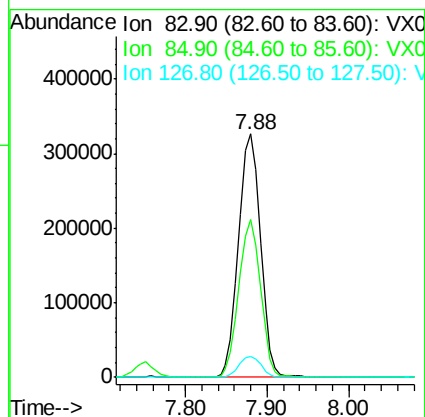
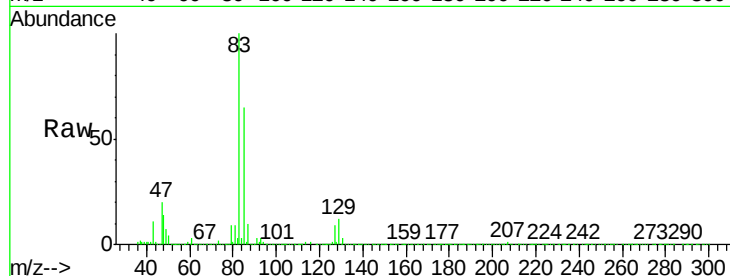
ClientSampleId :

S73-0240MSD

Tot Ion:	83	Resp:	605527
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.8	76.2
127	8.6	6.6	10.0

Manual Integrations
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MMDadoda
4/24/2020 11:35:00 AM



#48

Methyl methacrylate

Concen: 48.651 ug/l

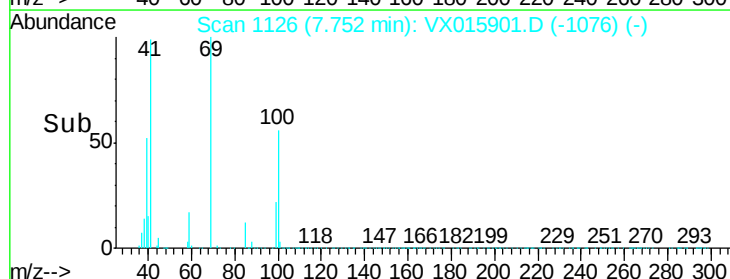
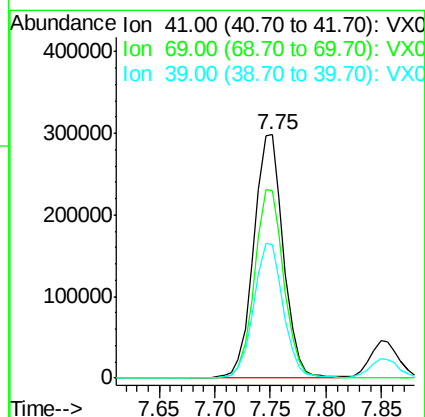
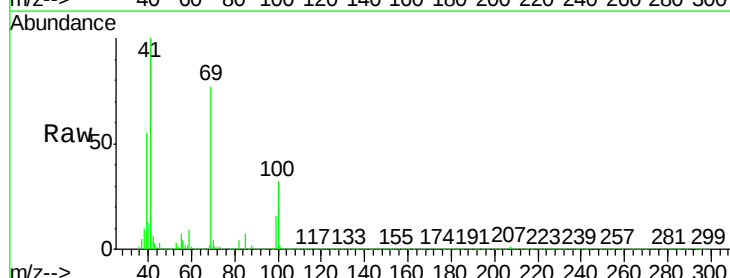
RT: 7.75 min Scan# 1126

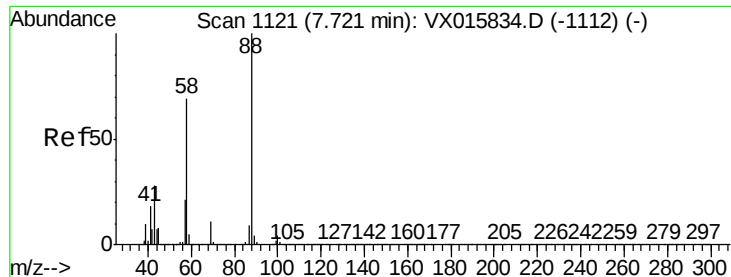
Delta R.T. 0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion:	41	Resp:	552300
Ion Ratio	Lower	Upper	
41	100		
69	76.9	60.5	90.7
39	55.0	42.1	63.1





#49

1,4-Dioxane

Concen: 900.912 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

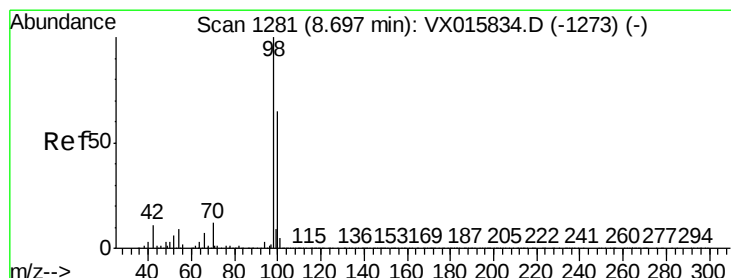
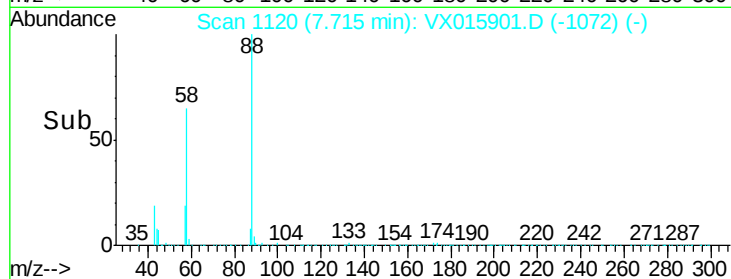
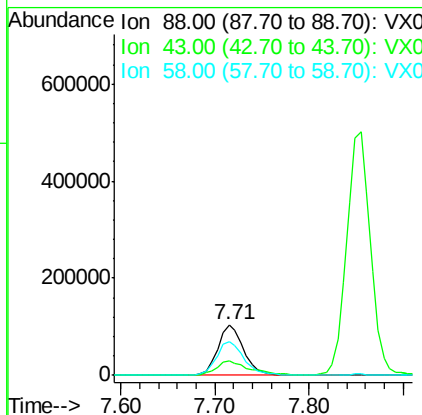
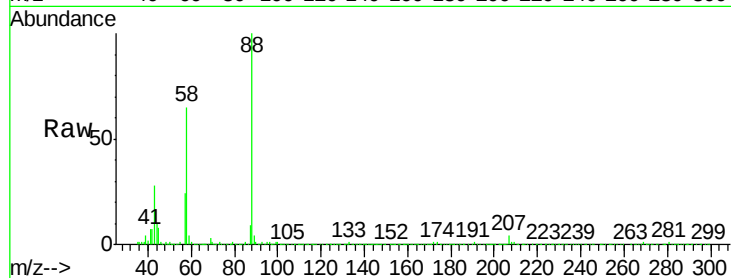
ClientSampleId :

S73-0240MSD

Tot Ion:	88	Resp:	193287
Ion Ratio	Lower	Upper	
88	100		
43	35.2	28.2	42.4
58	71.7	58.9	88.3

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#50

Toluene-d8

Concen: 47.980 ug/l

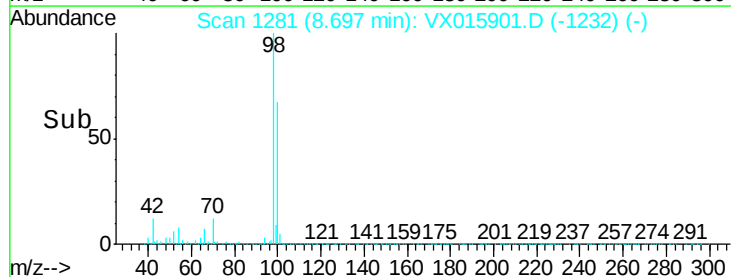
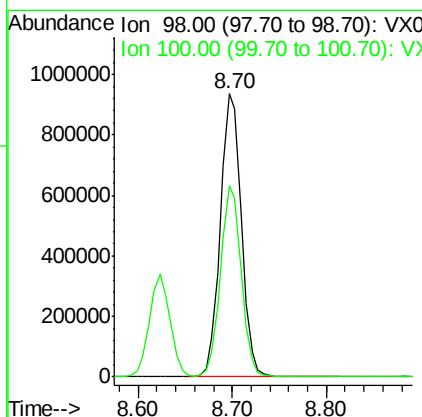
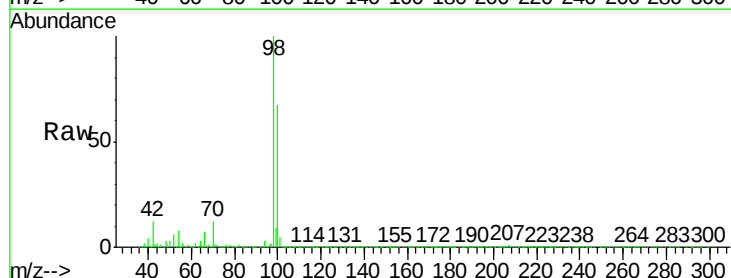
RT: 8.70 min Scan# 1281

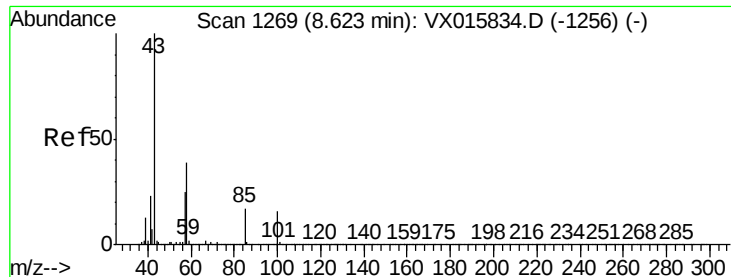
Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion:	98	Resp:	1445743
Ion Ratio	Lower	Upper	
98	100		
100	66.6	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 247.459 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MSD

Tot Ion: 43 Resp: 3296445

Ion Ratio Lower Upper

43 100

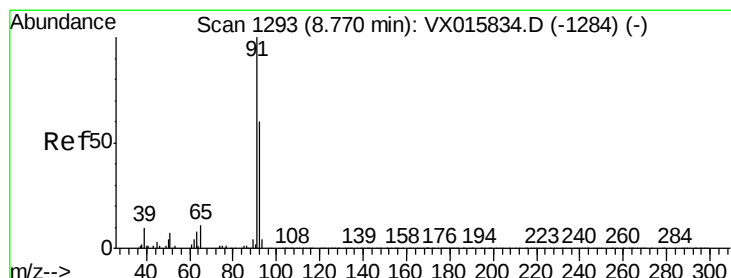
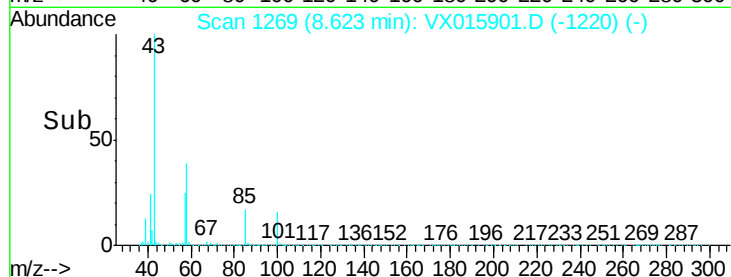
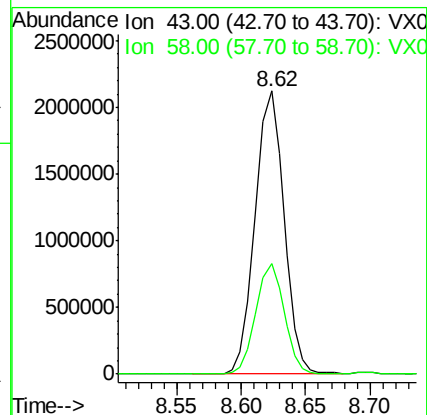
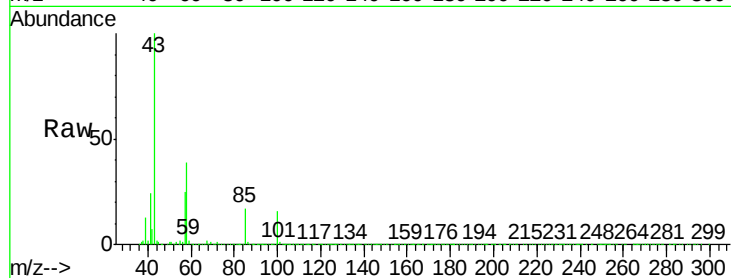
58 38.5 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 49.079 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015901.D

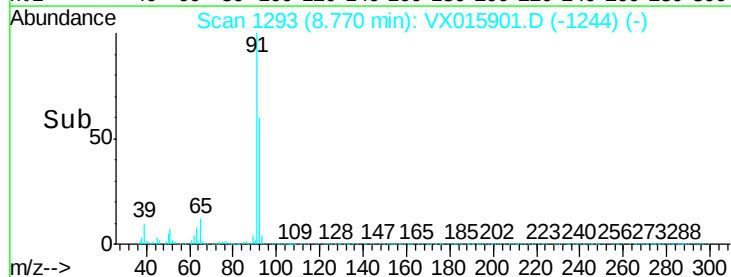
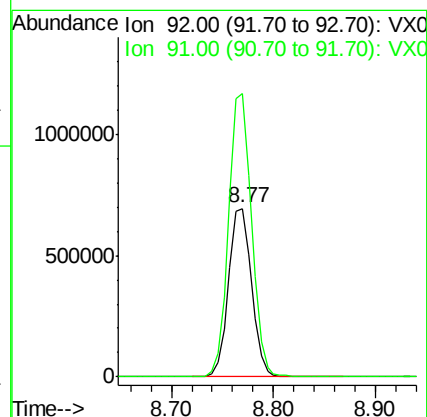
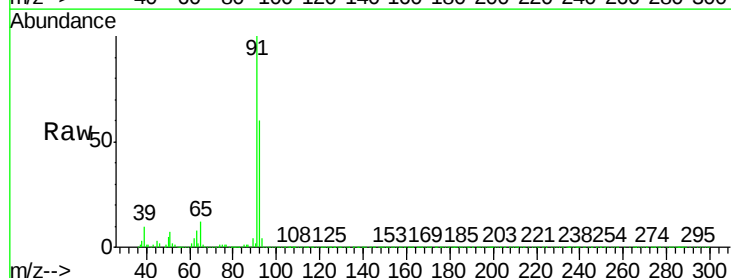
Acq: 23 Apr 2020 19:17

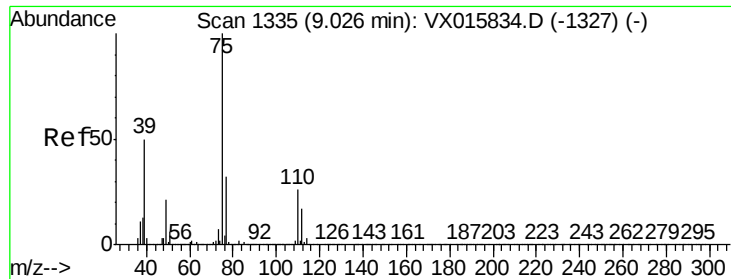
Tgt Ion: 92 Resp: 1089230

Ion Ratio Lower Upper

92 100

91 167.2 133.4 200.0





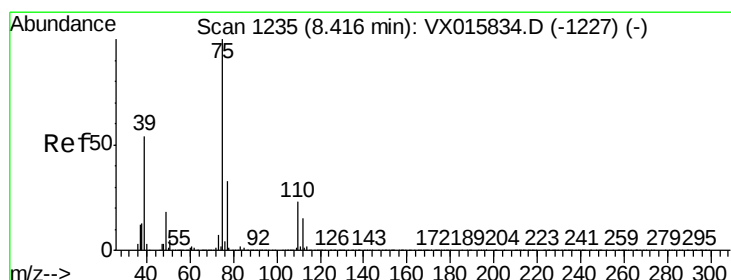
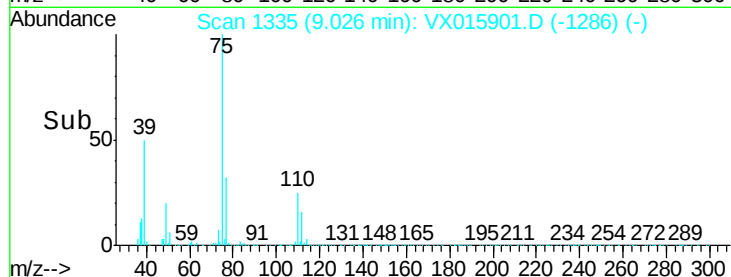
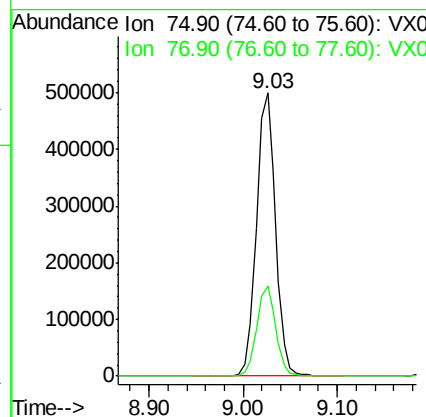
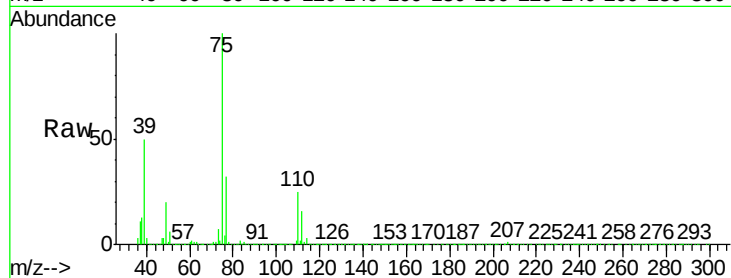
#53
 t-1,3-Dichloropropene
 Concen: 48.629 ug/l
 RT: 9.03 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampled :
 S73-0240MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.9	38.9

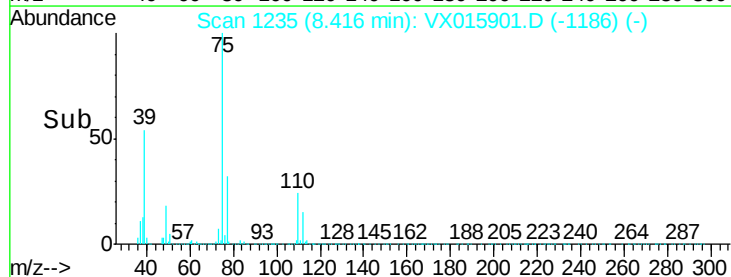
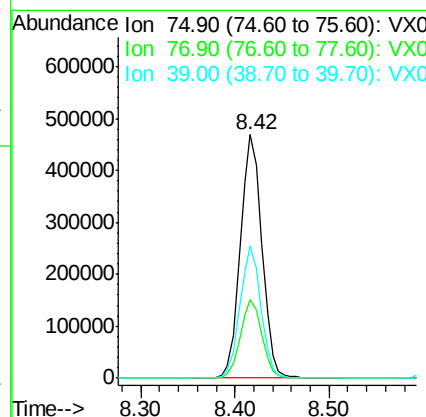
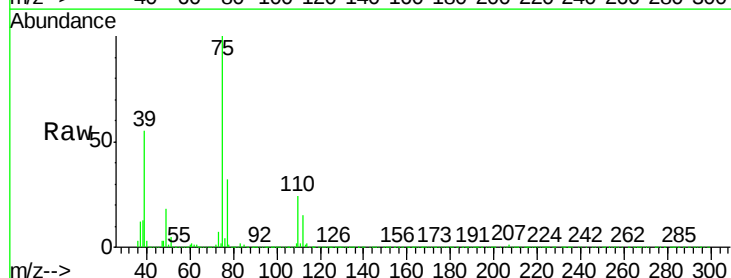
Manual Integrations
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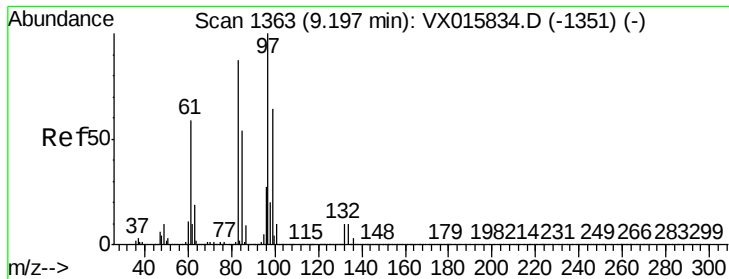
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#54
 cis-1,3-Dichloropropene
 Concen: 48.052 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.0	39.0
39	54.5	42.8	64.2





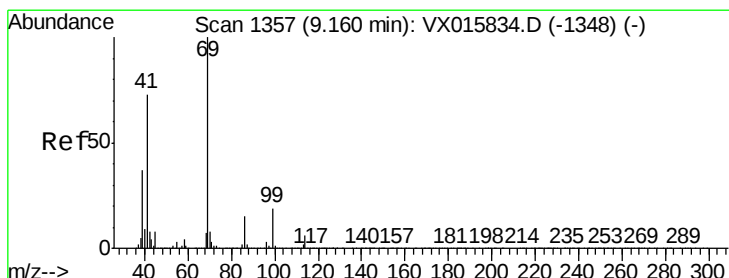
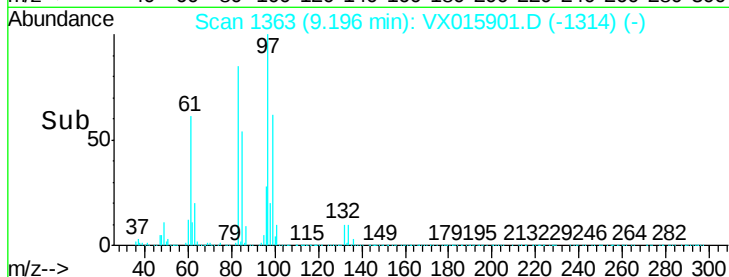
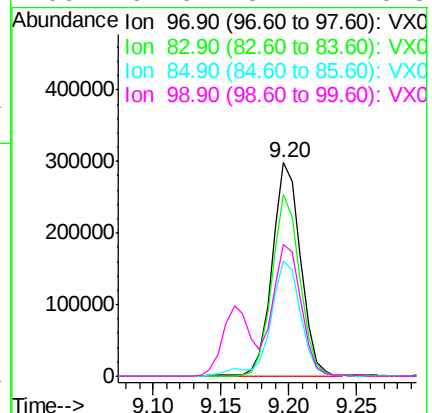
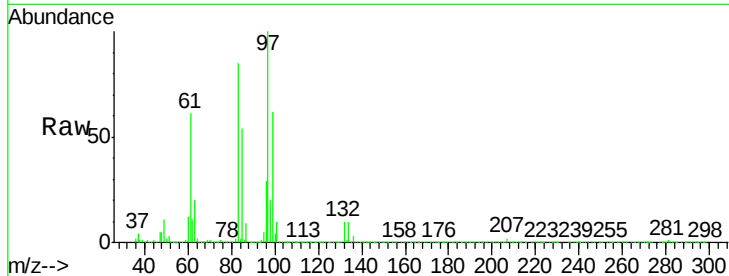
#55
1,1,2-Trichloroethane
Concen: 50.566 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		438201		
83	84.9	69.8	104.8		
85	54.0	43.4	65.2		
99	61.6	51.2	76.8		

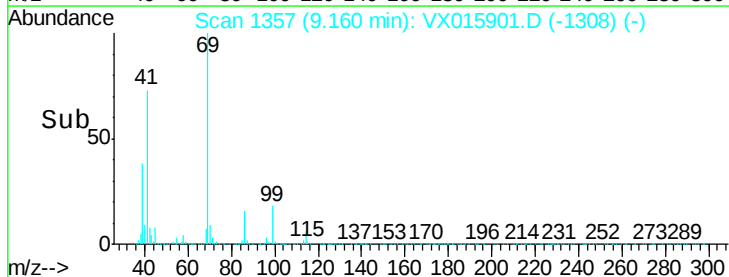
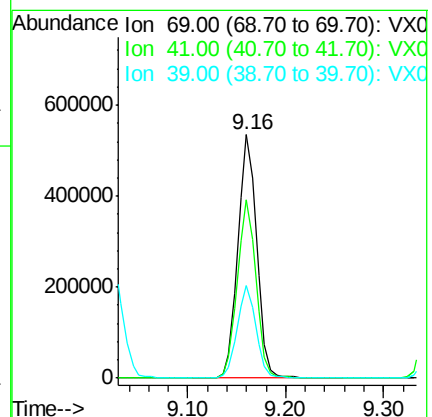
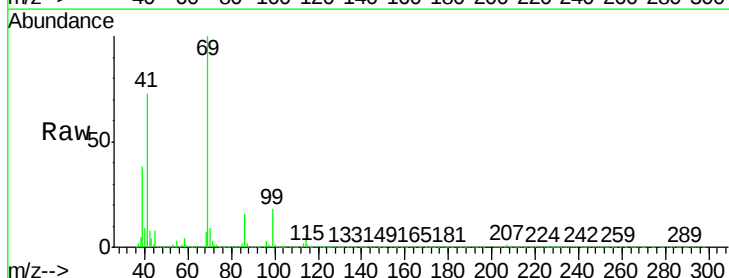
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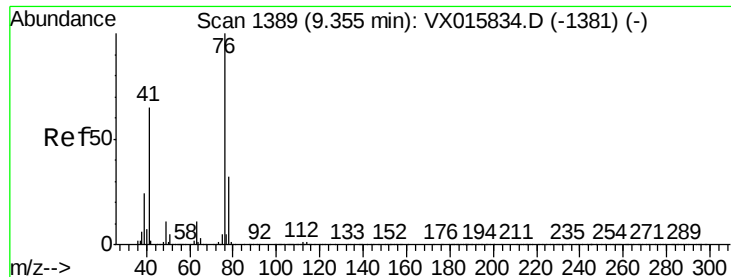
MMDadoda
4/24/2020 11:35:00 AM



#56
Ethyl methacrylate
Concen: 48.821 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		716624		
41	72.7	57.4	86.2		
39	38.1	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 49.444 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MSD

Tot Ion: 76 Resp: 744582

Ion Ratio Lower Upper

76 100

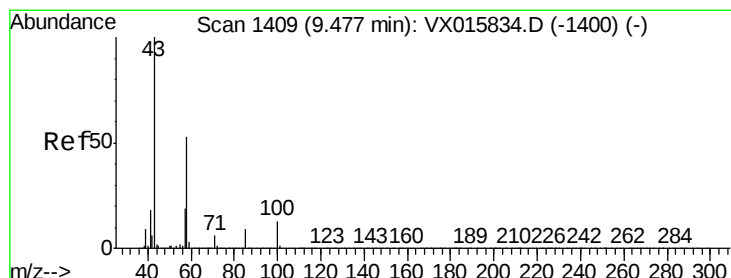
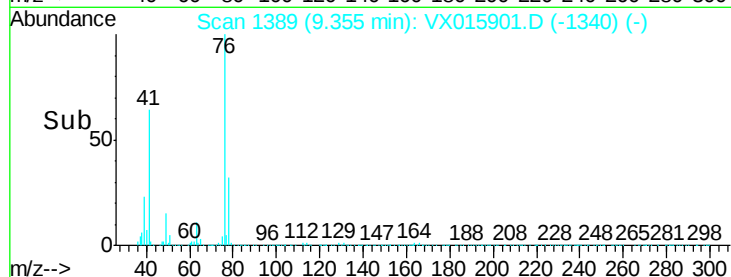
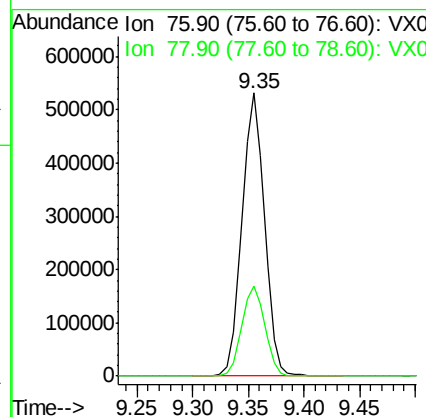
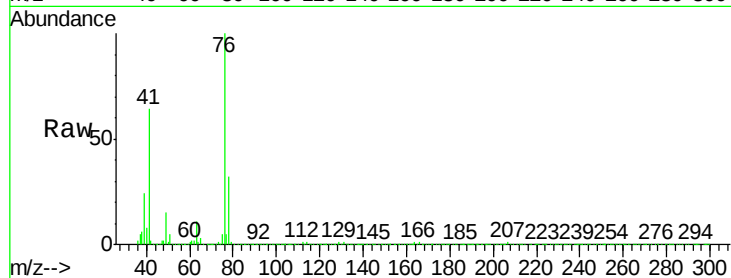
78 32.3 25.4 38.2

Manual Integrations

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MMDadoda

4/24/2020 11:35:00 AM



#59

2-Hexanone

Concen: 247.165 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015901.D

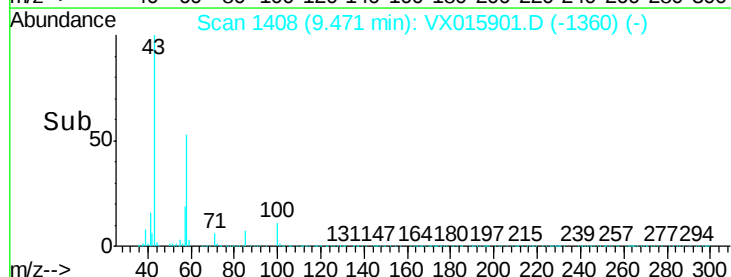
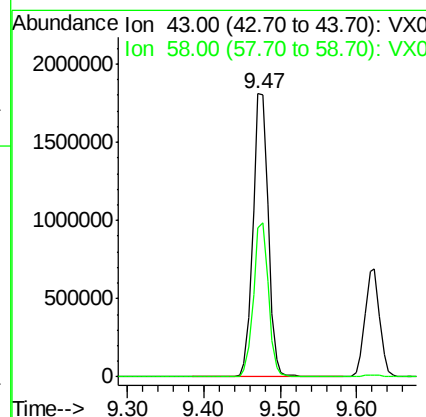
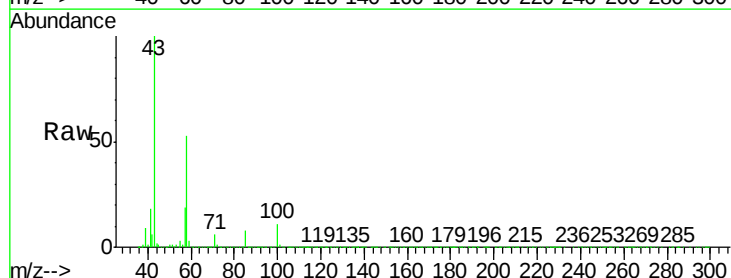
Acq: 23 Apr 2020 19:17

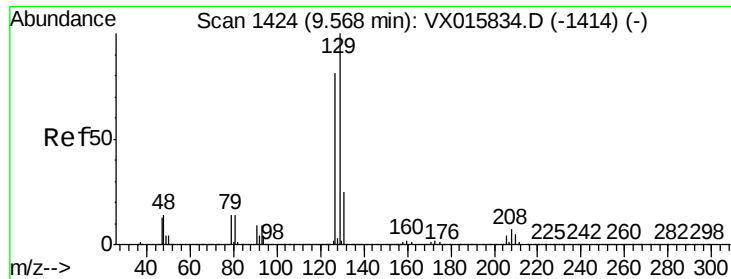
Tgt Ion: 43 Resp: 2508281

Ion Ratio Lower Upper

43 100

58 53.3 26.5 79.4





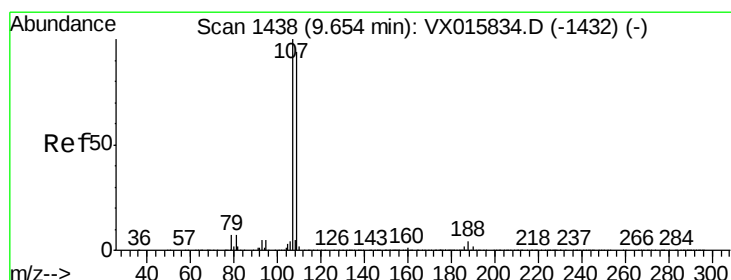
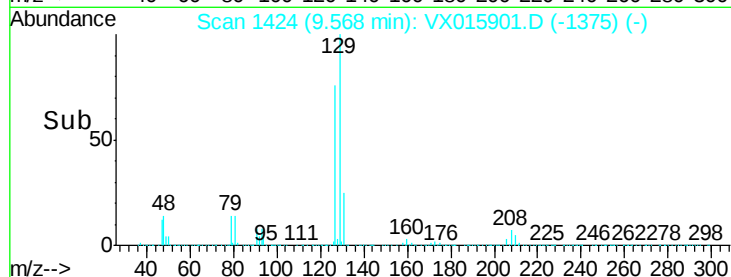
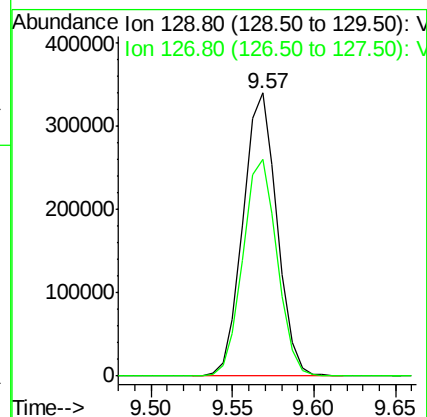
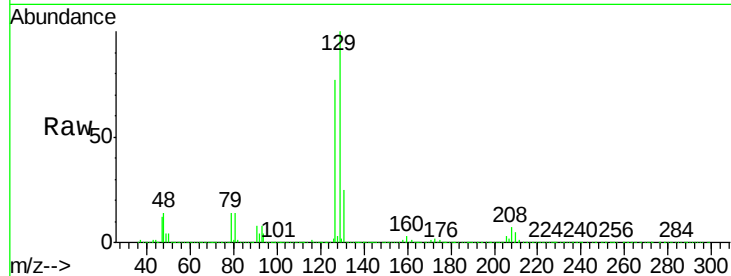
#60
Dibromochloromethane
Concen: 55.156 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.1	40.0	120.0

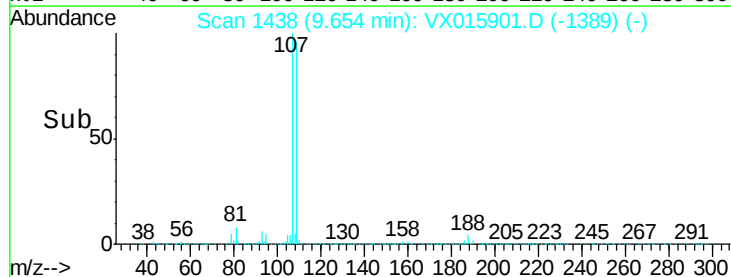
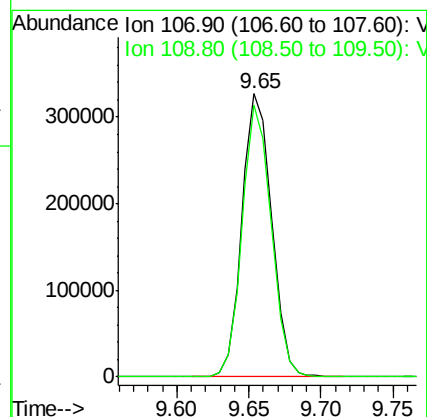
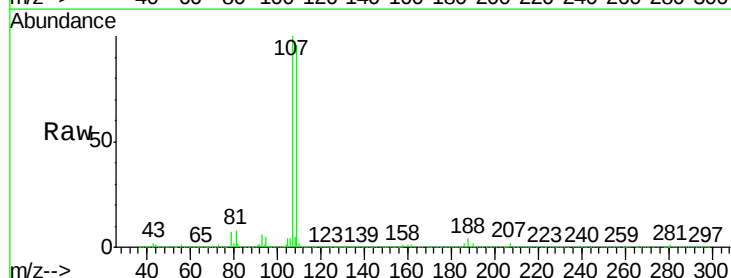
Manual Integrations
APPROVED

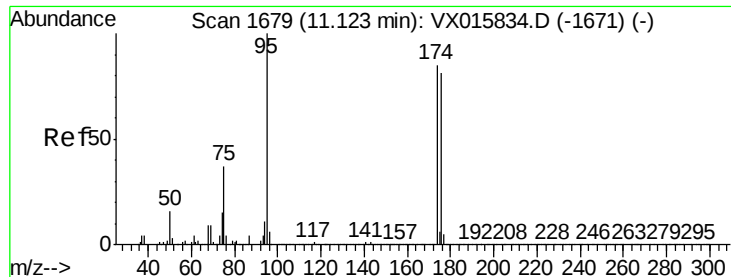
MMDadoda
4/24/2020 11:35:00 AM



#61
1,2-Dibromoethane
Concen: 48.885 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.4	113.0





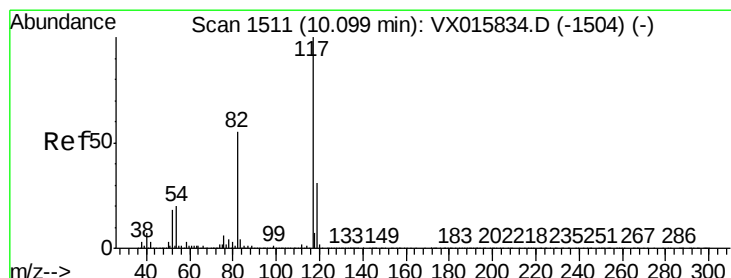
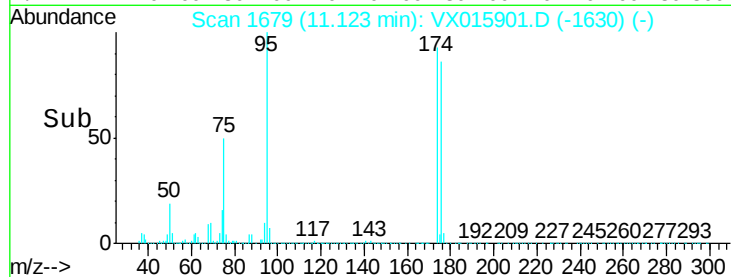
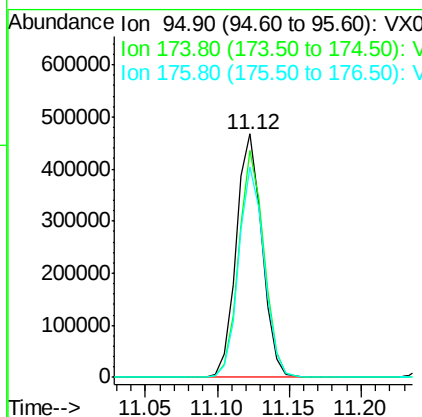
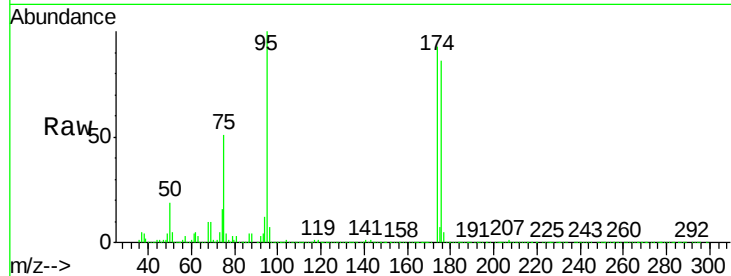
#62
4-Bromofluorobenzene
Concen: 47.150 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	582827		
174	90.9	0.0	172.4	
176	85.2	0.0	167.0	

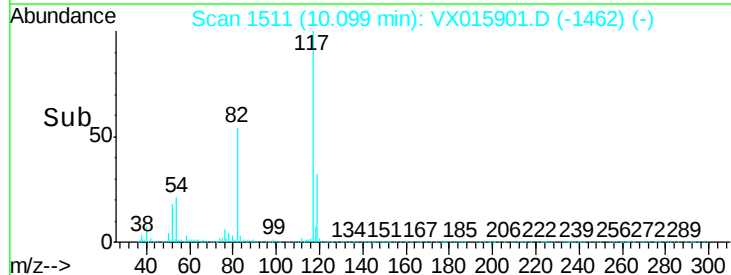
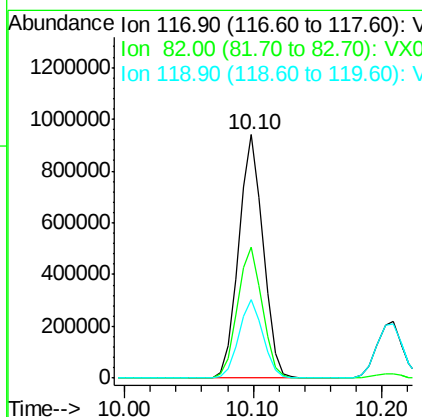
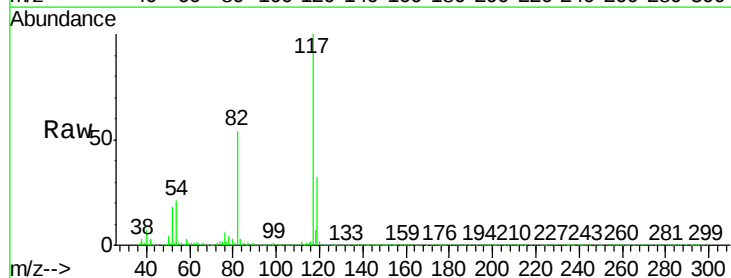
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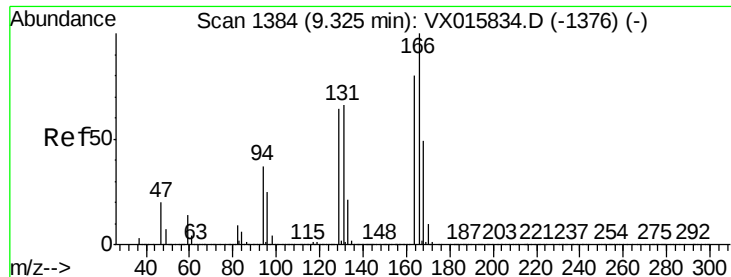
MMDadoda
4/24/2020 11:35:00 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1231307		
82	53.7	43.9	65.9	
119	32.2	25.1	37.7	





#64

Tetrachloroethene

Concen: 42.467 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

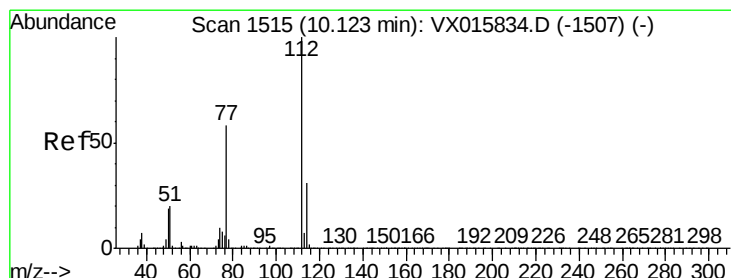
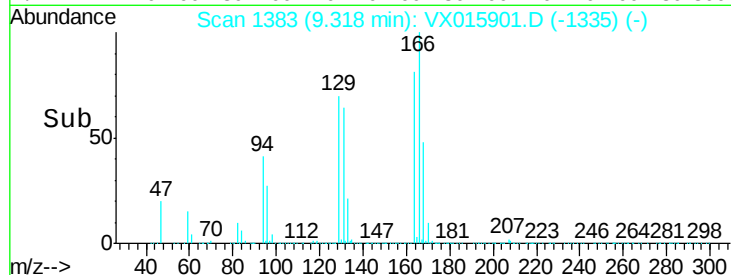
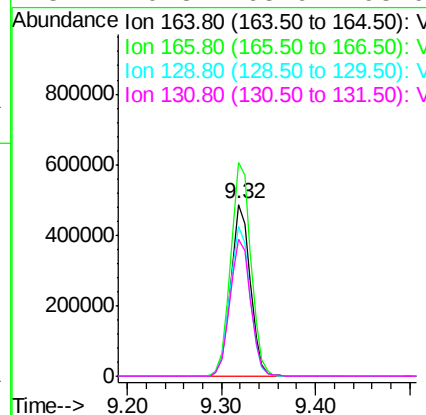
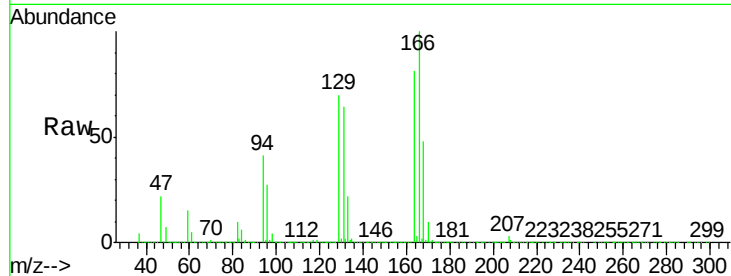
ClientSampleId :

S73-0240MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.0	100.2	150.2
129	87.2	64.5	96.7
131	79.8	65.9	98.9

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#65

Chlorobenzene

Concen: 47.938 ug/l

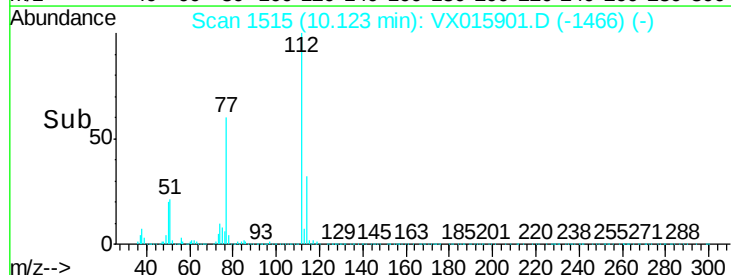
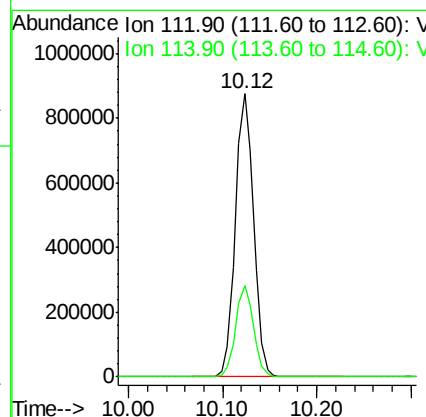
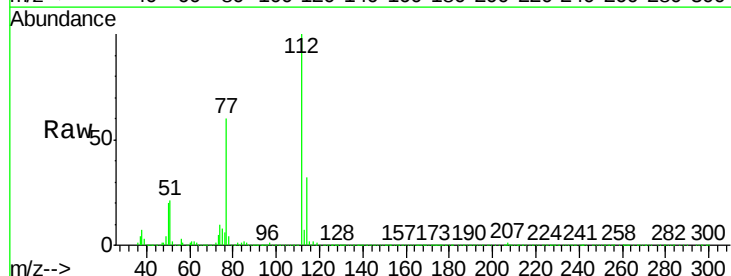
RT: 10.12 min Scan# 1515

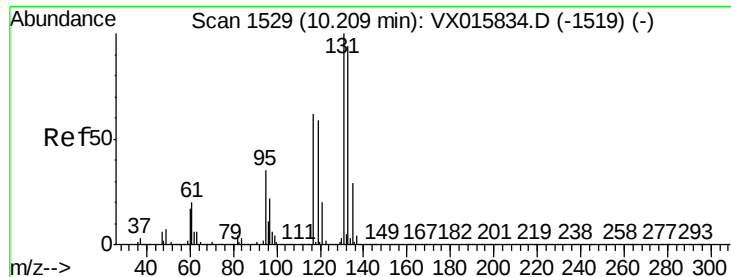
Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.0	37.4





#66

1,1,1,2-Tetrachloroethane

Concen: 50.142 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

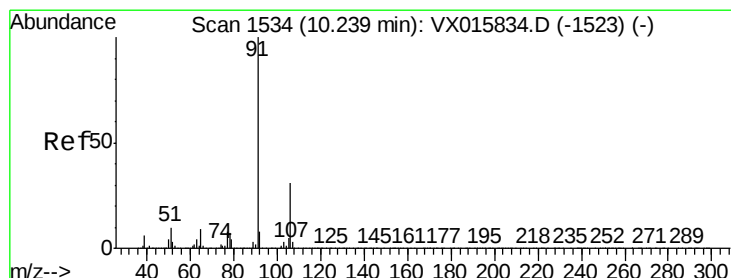
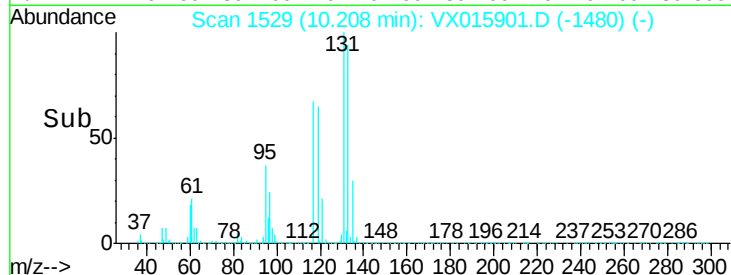
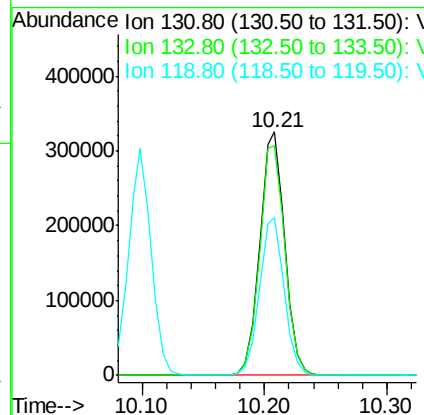
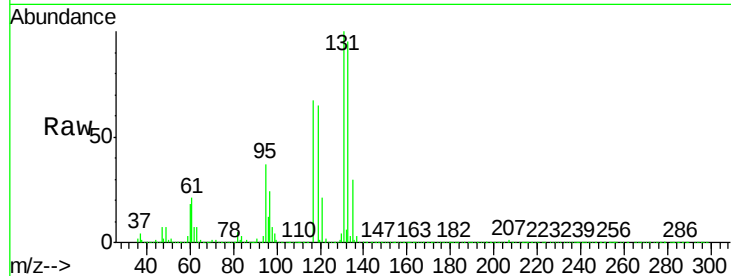
ClientSampleId :

S73-0240MSD

Tot Ion:	131	Resp:	461497
Ion Ratio	Lower	Upper	
131	100		
133	95.8	47.0	141.2
119	63.9	30.9	92.8

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#67

Ethyl Benzene

Concen: 48.093 ug/l

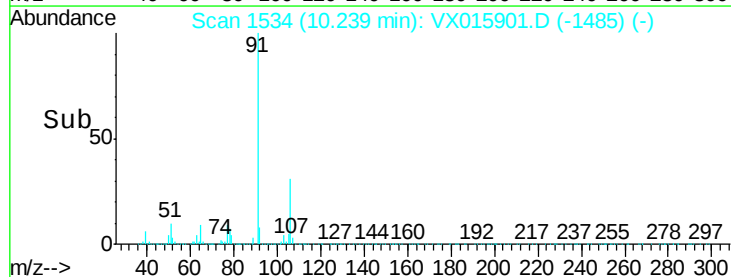
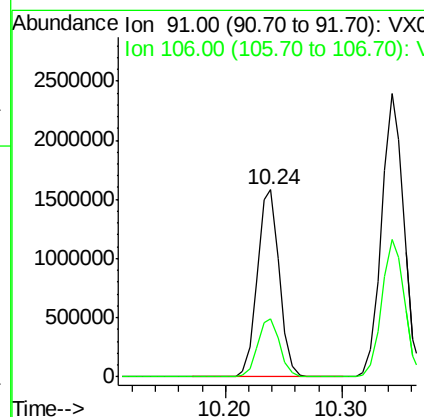
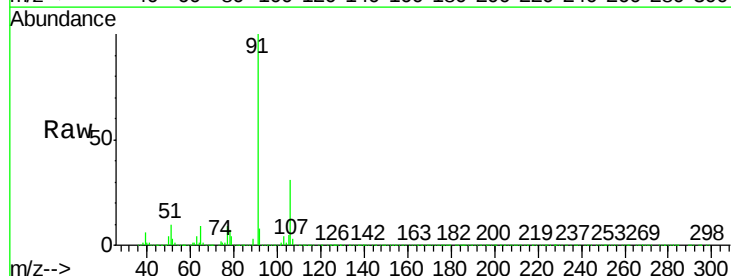
RT: 10.24 min Scan# 1534

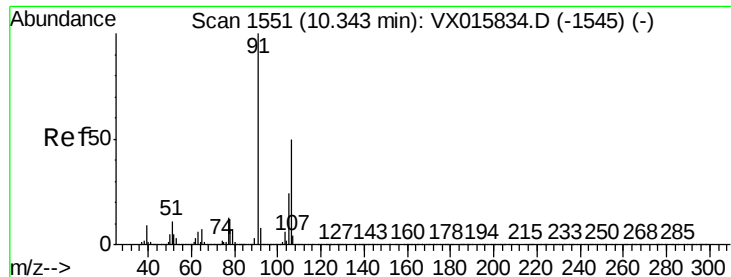
Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion:	91	Resp:	2079465
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.0	37.4





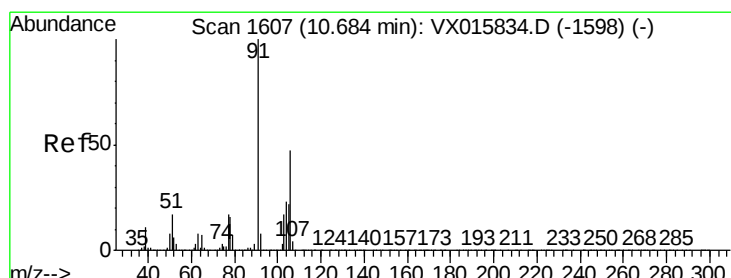
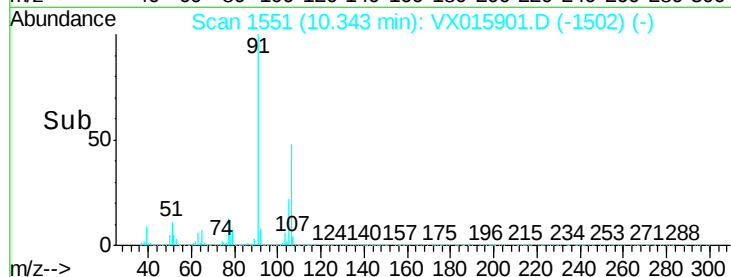
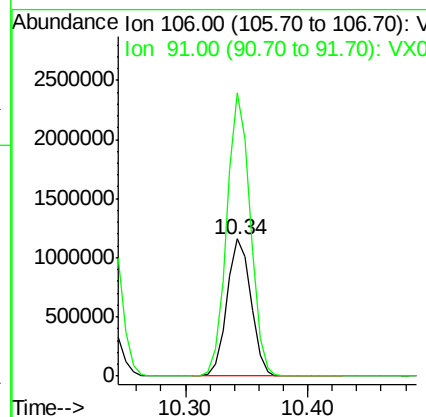
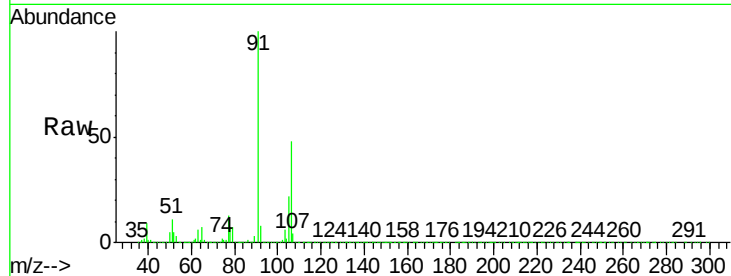
#68
m/p-Xylenes
Concen: 96.883 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion:106 Resp: 1572379
Ion Ratio Lower Upper
106 100
91 202.2 161.1 241.7

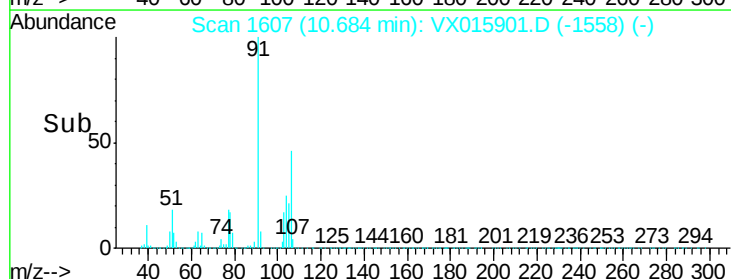
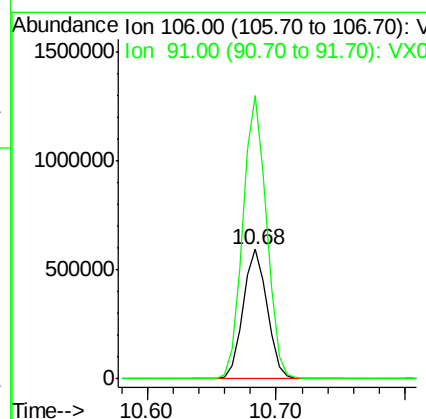
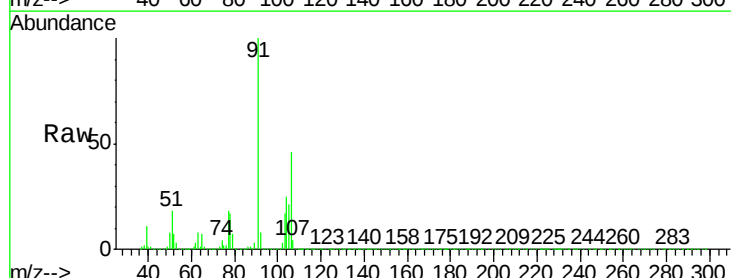
Manual Integrations
APPROVED

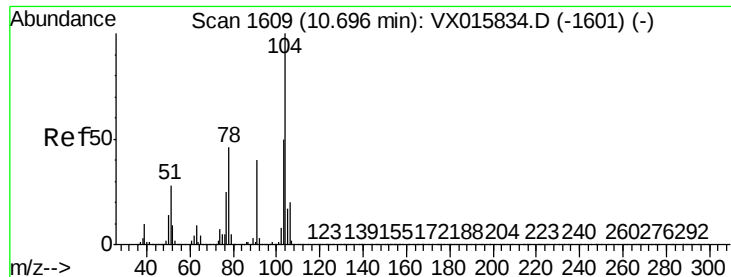
MMDadoda
4/24/2020 11:35:00 AM



#69
o-Xylene
Concen: 48.204 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion:106 Resp: 769860
Ion Ratio Lower Upper
106 100
91 214.9 107.1 321.3





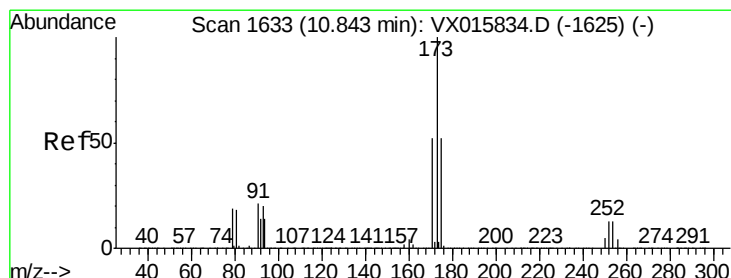
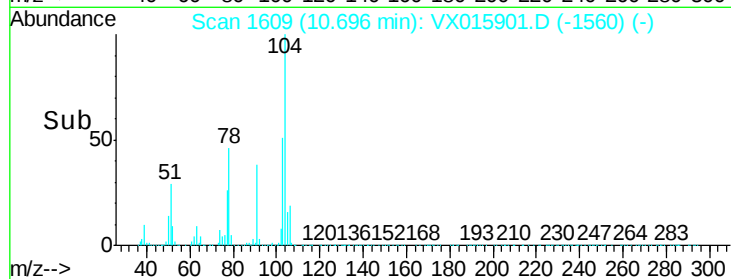
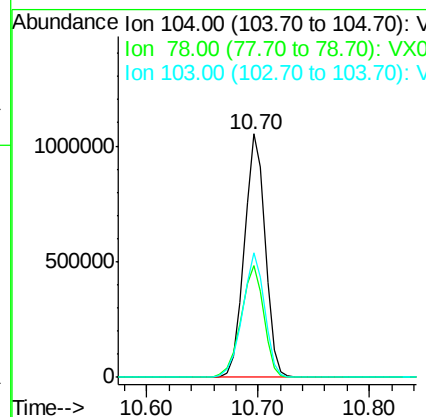
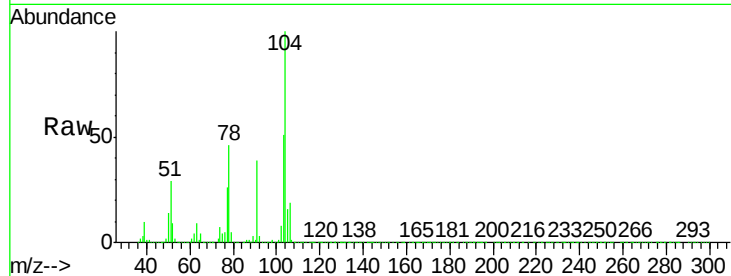
#70
Stvrene
Concen: 49.184 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	40.1	60.1
103	54.4	43.3	64.9

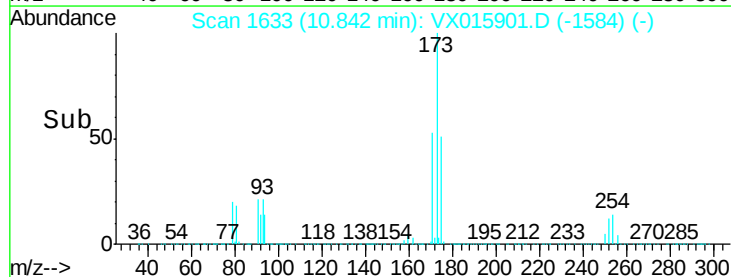
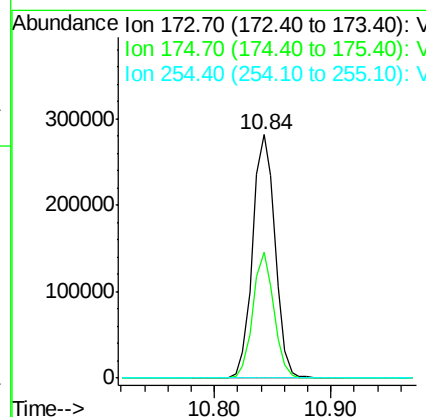
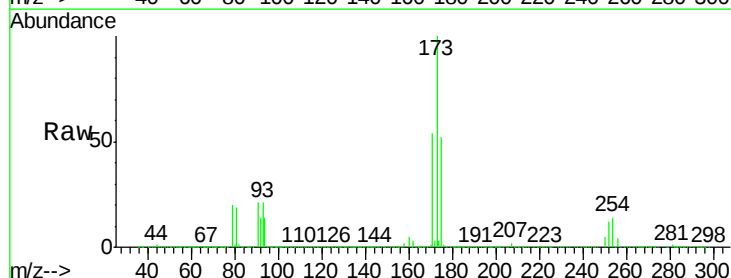
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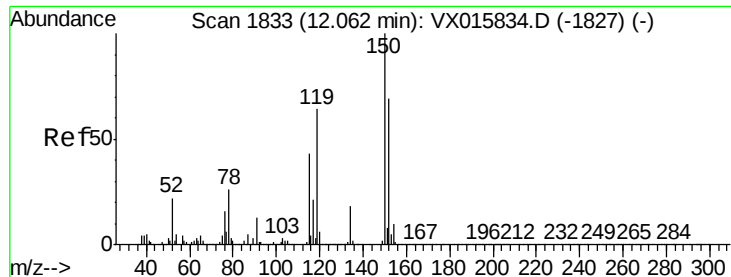
MMDadoda
4/24/2020 11:35:00 AM



#71
Bromoform
Concen: 63.222 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	25.1	75.4
254	0.2	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: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

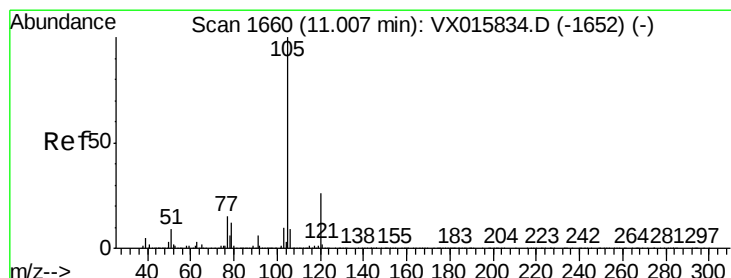
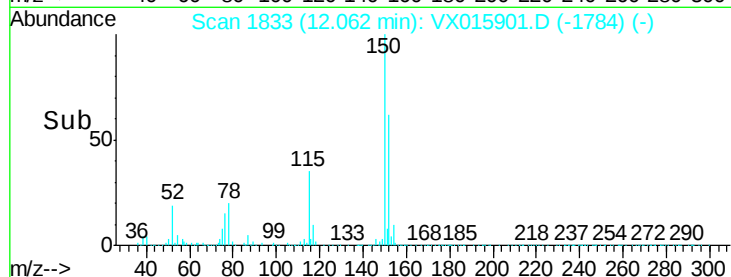
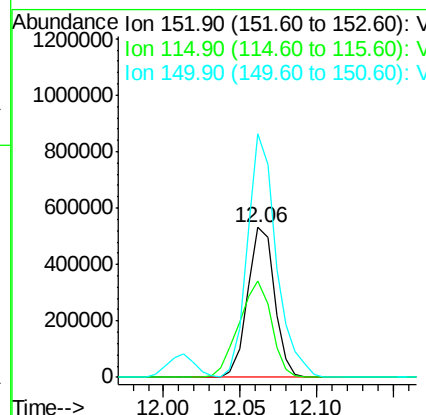
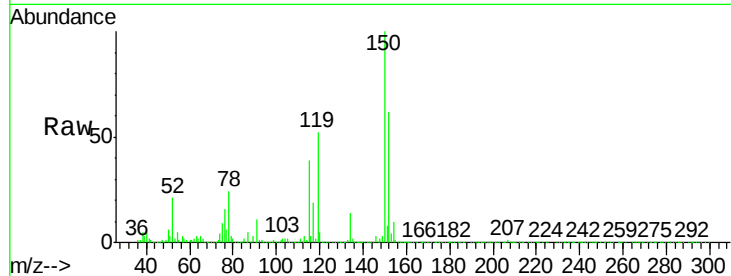
ClientSampleId :

S73-0240MSD

Tot Ion:	152	Resp:	650383
Ion Ratio	Lower	Upper	
152	100		
115	77.4	39.0	116.9
150	173.1	0.0	336.8

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#73

Isopropylbenzene

Concen: 50.607 ug/l

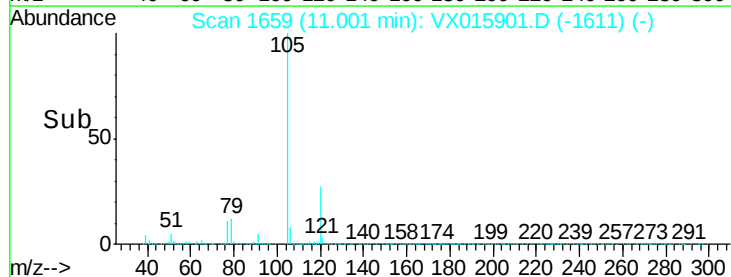
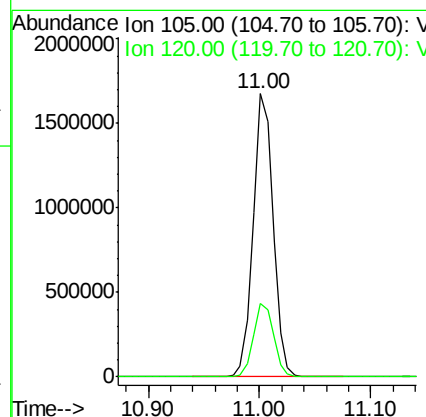
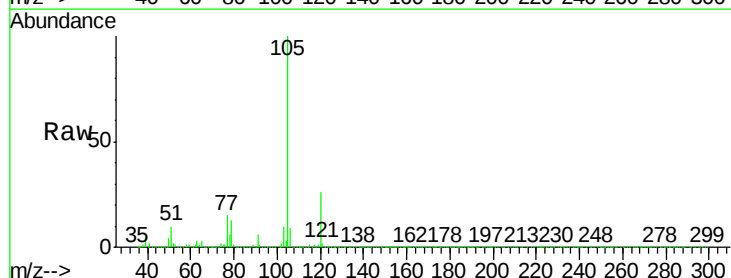
RT: 11.00 min Scan# 1659

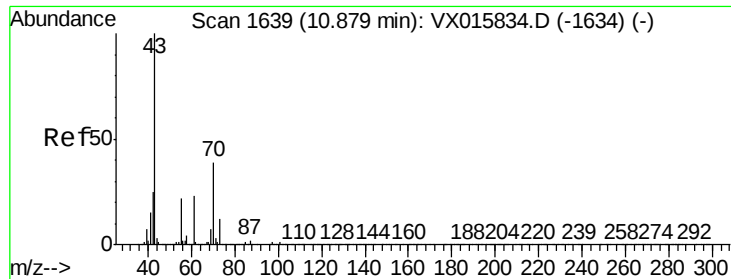
Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion:	105	Resp:	2090380
Ion Ratio	Lower	Upper	
105	100		
120	26.3	13.1	39.1





#74

N-amvl acetate

Concen: 45.370 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

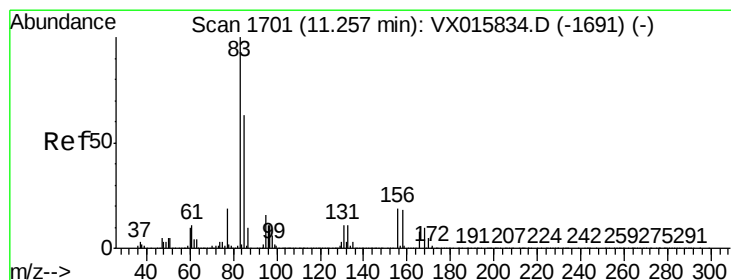
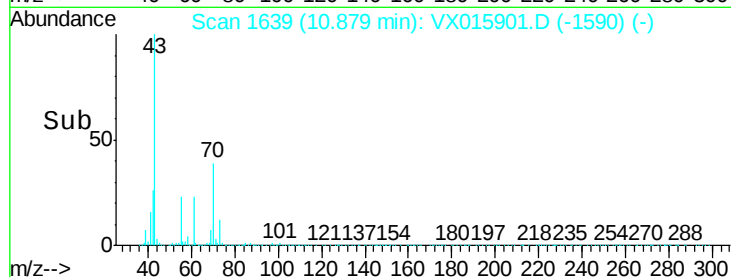
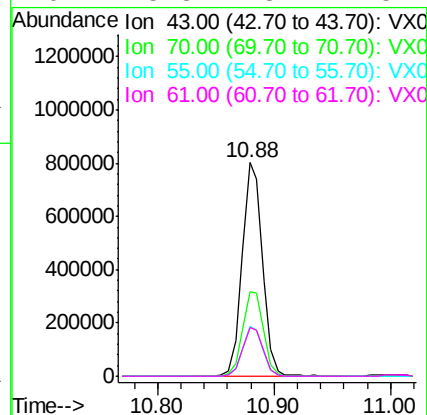
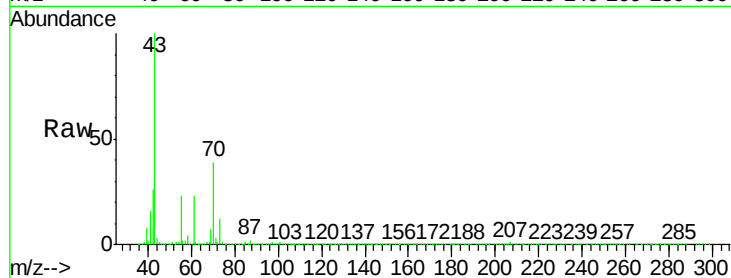
ClientSampleId :

S73-0240MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	40.8	32.6	49.0		
55	23.1	18.3	27.5		
61	23.3	18.7	28.1		

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#75

1,1,2,2-Tetrachloroethane

Concen: 56.552 ug/l

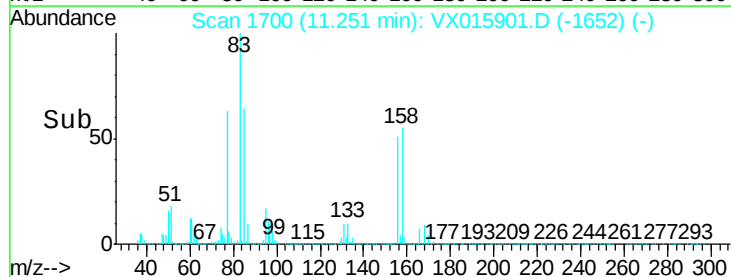
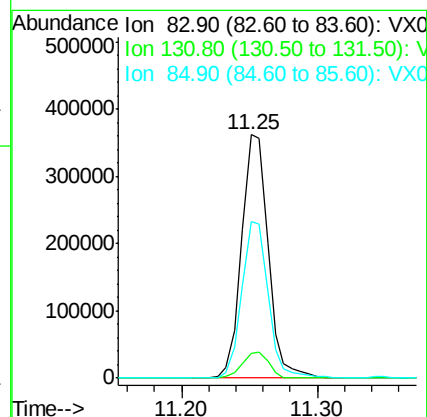
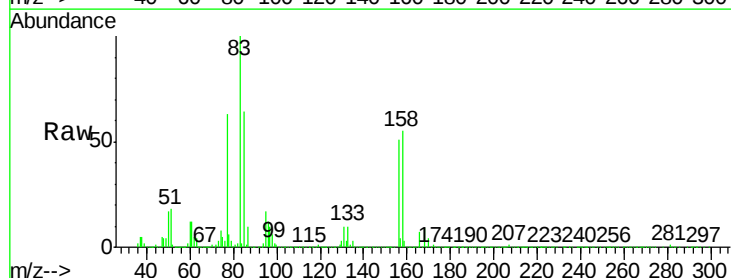
RT: 11.25 min Scan# 1700

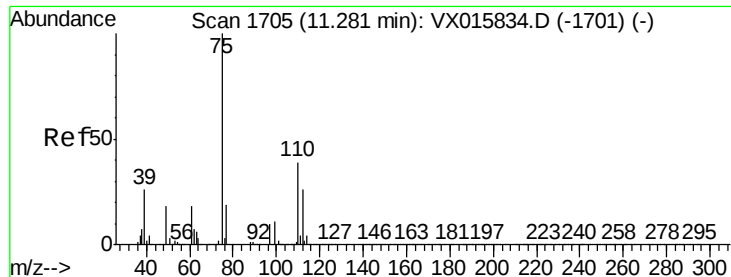
Delta R.T. -0.01 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.8	5.5	16.4		
85	64.1	32.4	97.0		





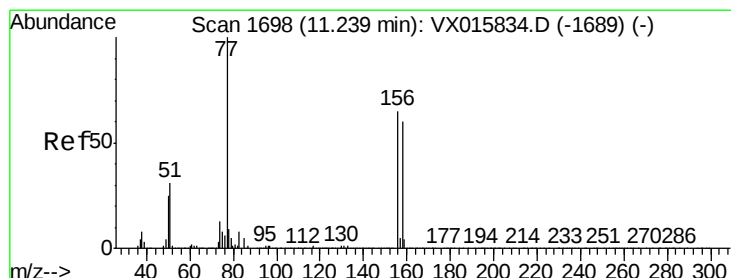
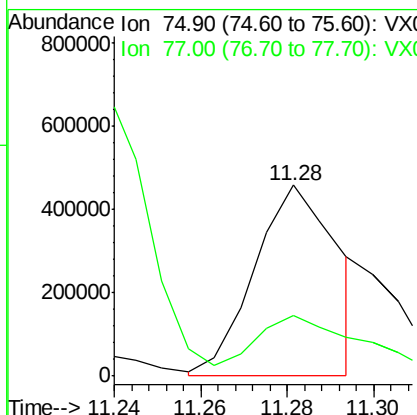
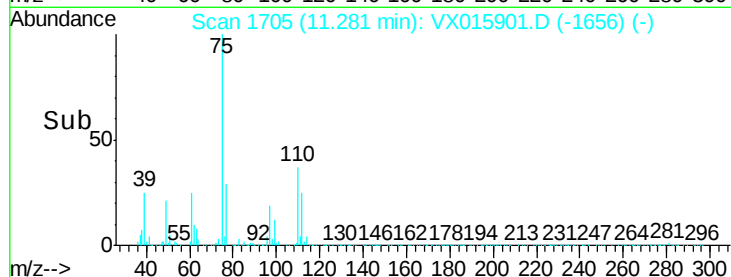
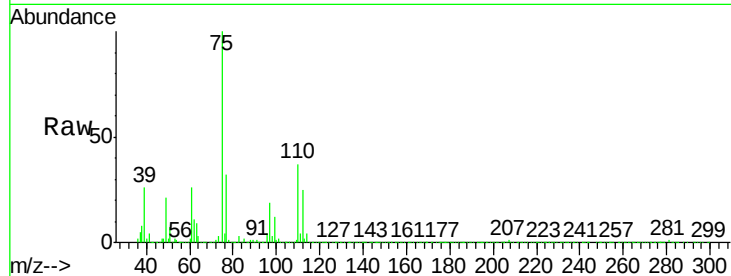
#76
 1,2,3-Trichloropropane
 Concen: 49.576 ug/l m
 RT: 11.28 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Tot Ion: 75 Resp: 613137
 Ion Ratio Lower Upper
 75 100
 77 41.3 21.3 63.9

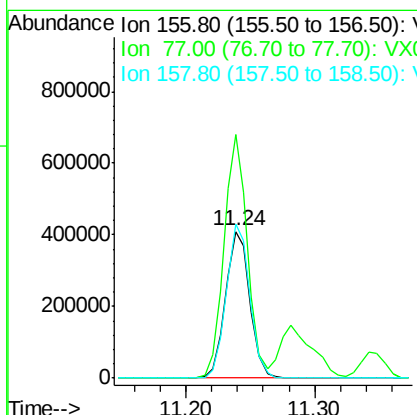
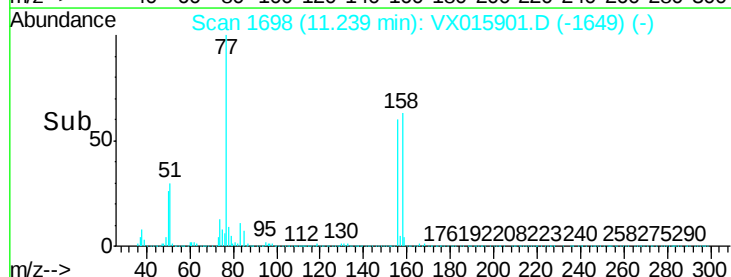
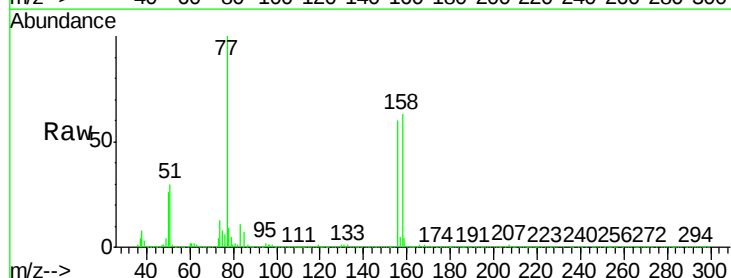
Manual Integrations
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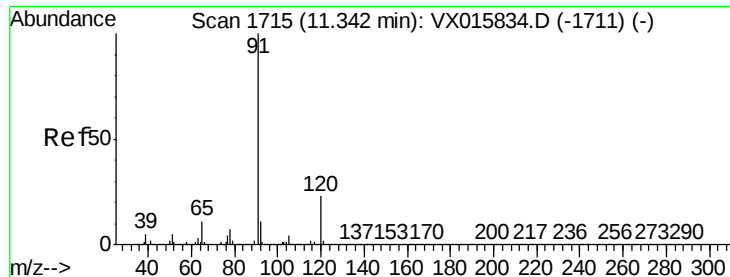
MMDadoda
 4/24/2020 11:35:00 AM



#77
 Bromobenzene
 Concen: 48.049 ug/l
 RT: 11.24 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Tgt Ion: 156 Resp: 542287
 Ion Ratio Lower Upper
 156 100
 77 159.3 75.2 225.6
 158 102.3 47.9 143.6





#78

n-propylbenzene

Concen: 50.175 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MSD

Tot Ion: 91 Resp: 2374146

Ion Ratio Lower Upper

91 100

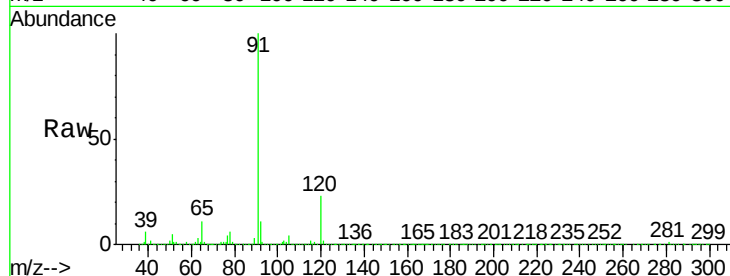
120 23.5 11.7 35.1

Manual Integrations

APPROVED

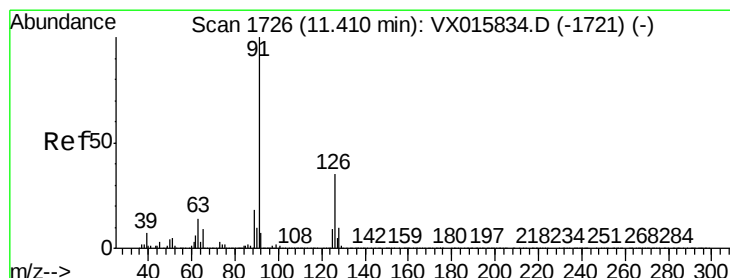
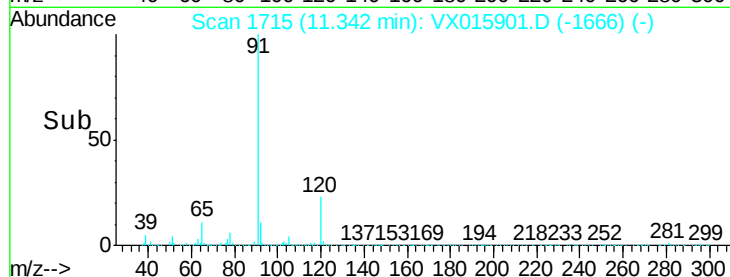
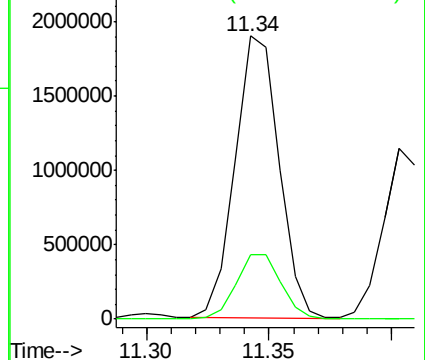
MMDadoda

4/24/2020 11:35:00 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 50.034 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015901.D

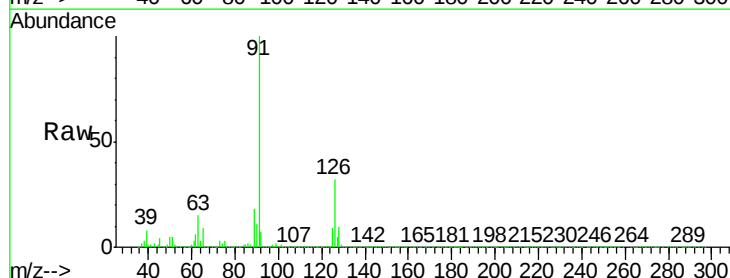
Acq: 23 Apr 2020 19:17

Tgt Ion: 91 Resp: 1422105

Ion Ratio Lower Upper

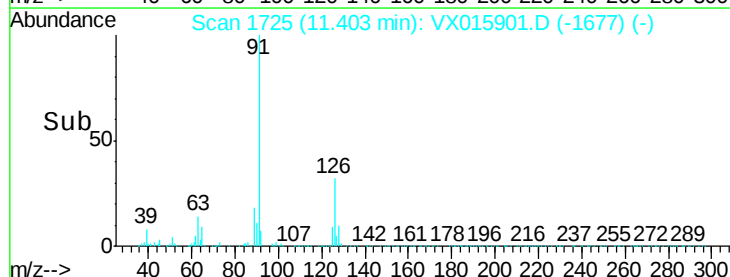
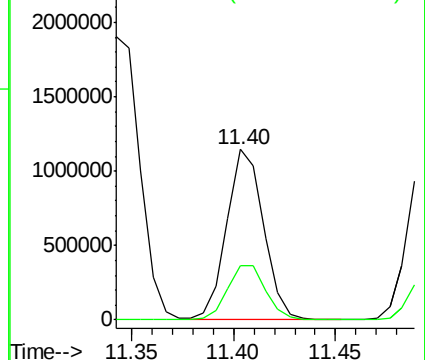
91 100

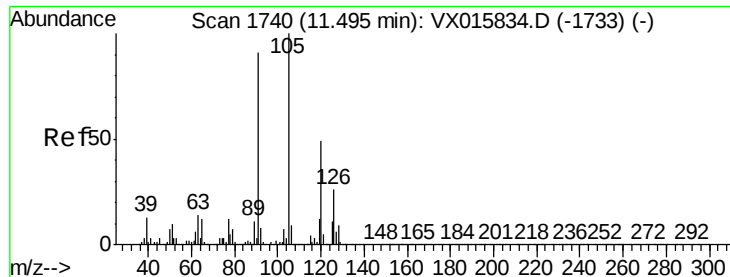
126 33.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





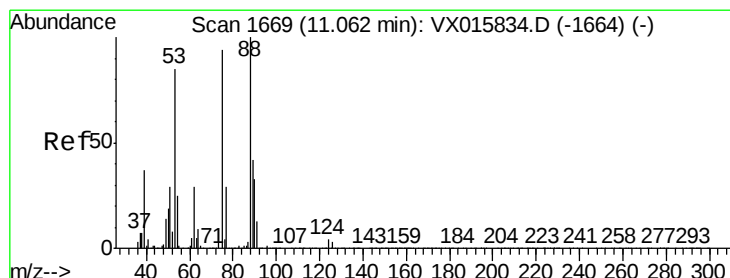
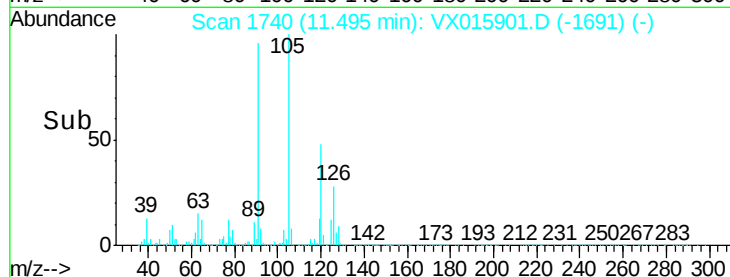
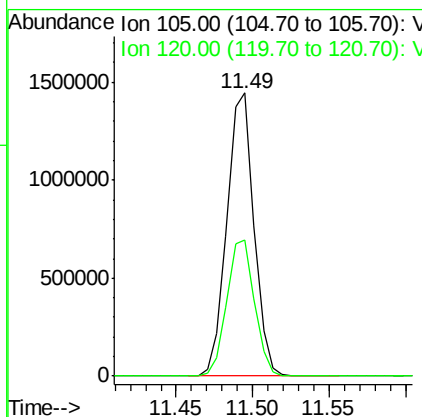
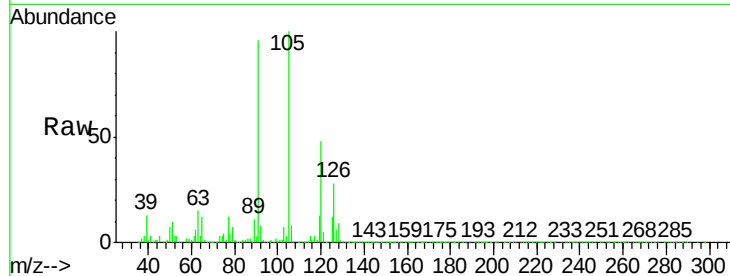
#80
 1,3,5-Trimethylbenzene
 Concen: 50.132 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Tot Ion:105 Resp: 1765687
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.7

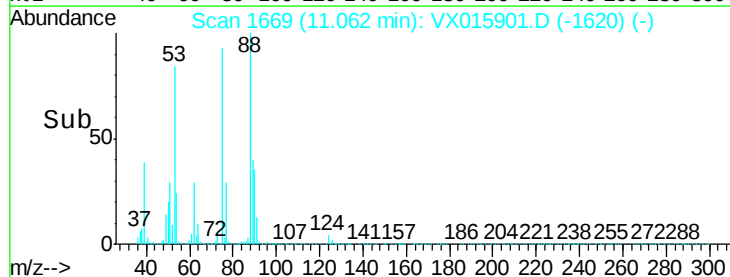
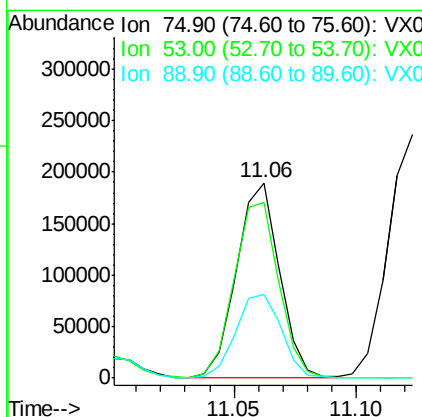
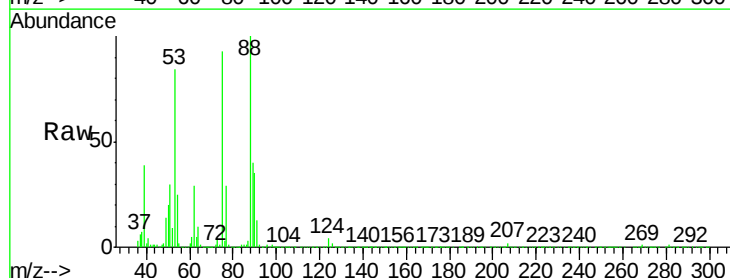
Manual Integrations
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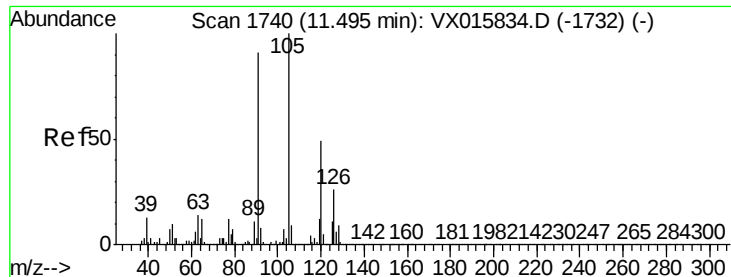
MMDadoda
 4/24/2020 11:35:00 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.827 ug/l
 RT: 11.06 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Tgt Ion: 75 Resp: 230467
 Ion Ratio Lower Upper
 75 100
 53 94.1 74.2 111.2
 89 46.1 38.0 57.0





#82

4-Chlorotoluene

Concen: 50.178 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

S73-0240MSD

Tot Ion: 91 Resp: 1694772

Ion Ratio Lower Upper

91 100

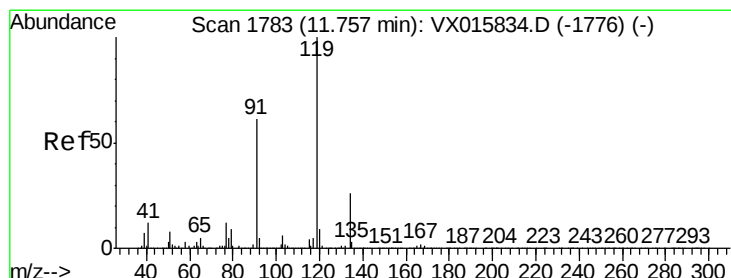
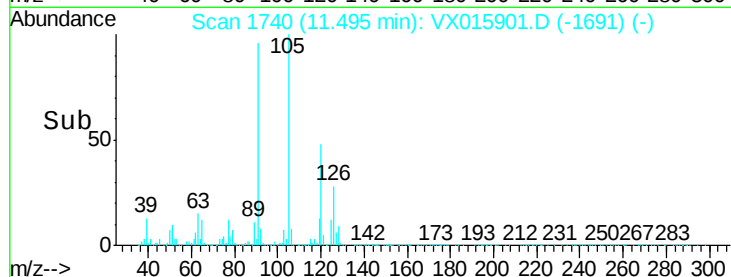
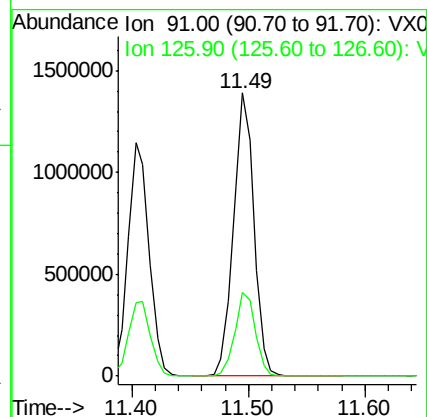
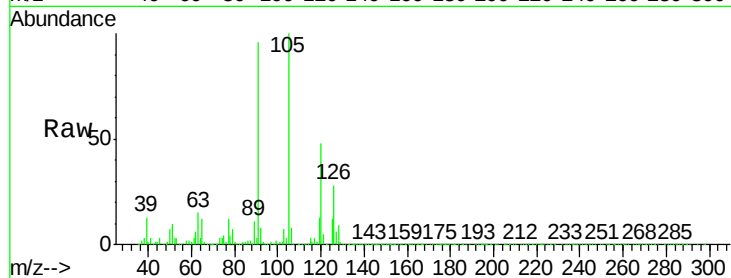
126 29.8 15.0 45.0

Manual Integrations

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MMDadoda

4/24/2020 11:35:00 AM



#83

tert-Butylbenzene

Concen: 51.105 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

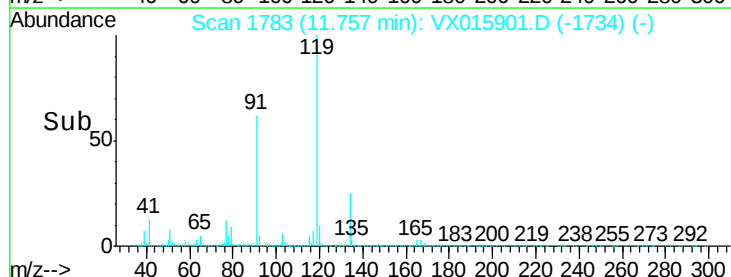
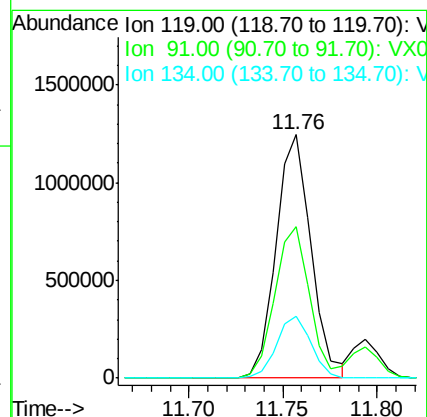
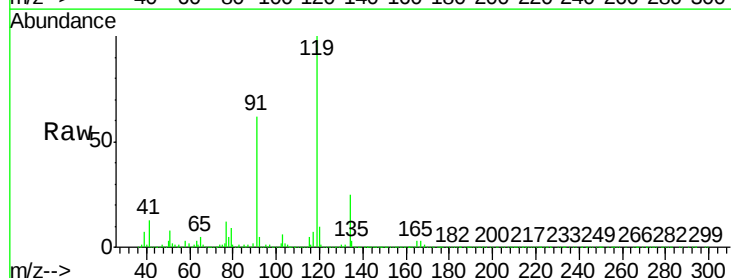
Tgt Ion: 119 Resp: 1596630

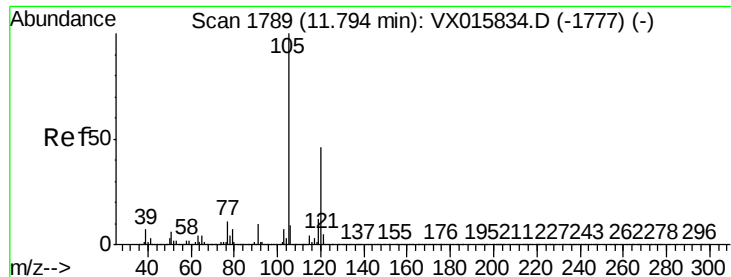
Ion Ratio Lower Upper

119 100

91 61.5 30.9 92.7

134 25.0 12.4 37.2





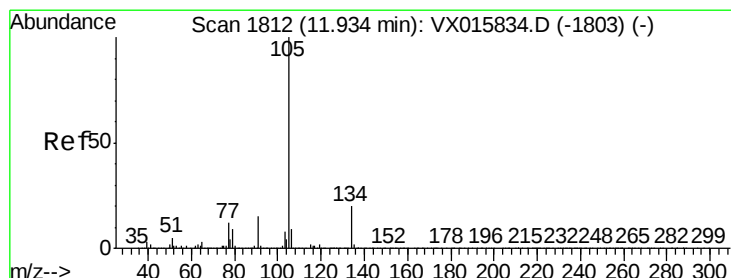
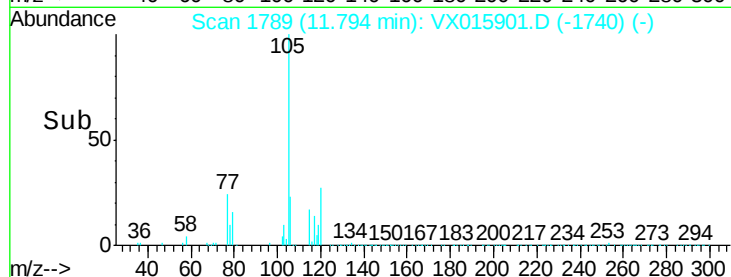
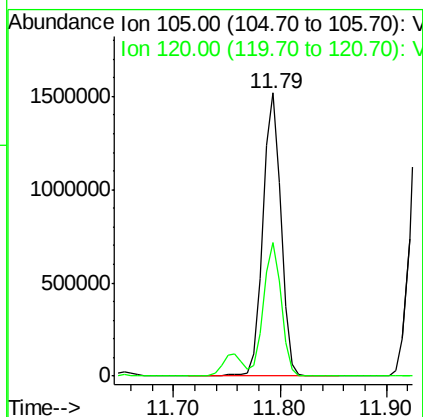
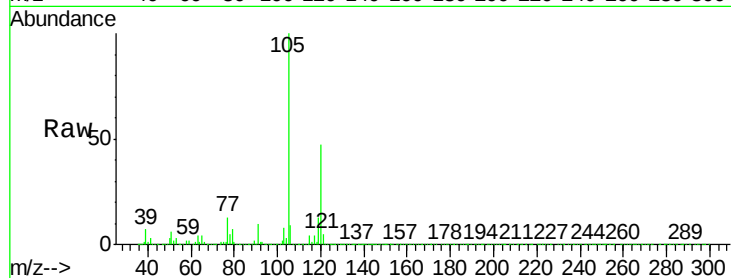
#84
1,2,4-Trimethylbenzene
Concen: 49.491 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion:105 Resp: 1809686
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.7

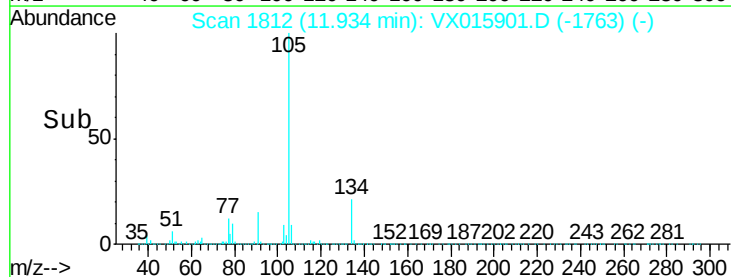
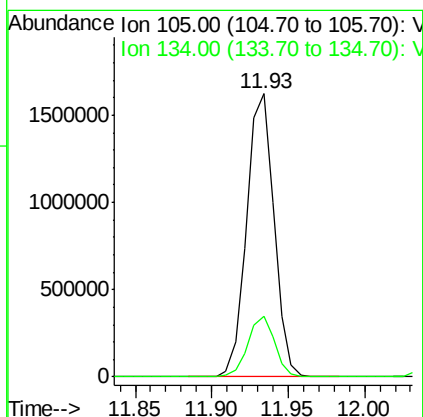
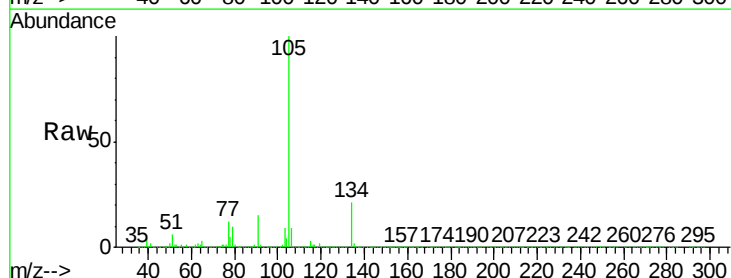
Manual Integrations
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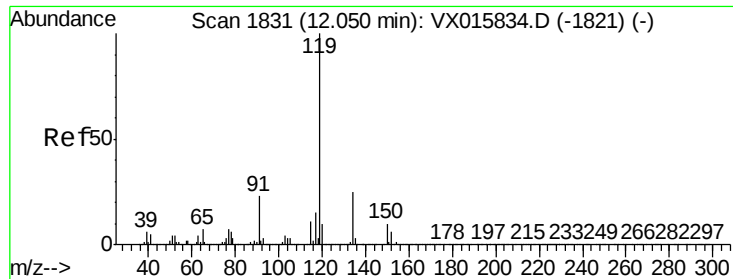
MMDadoda
4/24/2020 11:35:00 AM



#85
sec-Butylbenzene
Concen: 48.932 ug/l
RT: 11.93 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion:105 Resp: 2015230
Ion Ratio Lower Upper
105 100
134 21.0 10.3 30.8





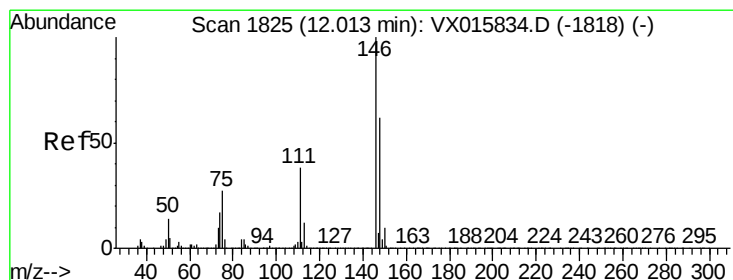
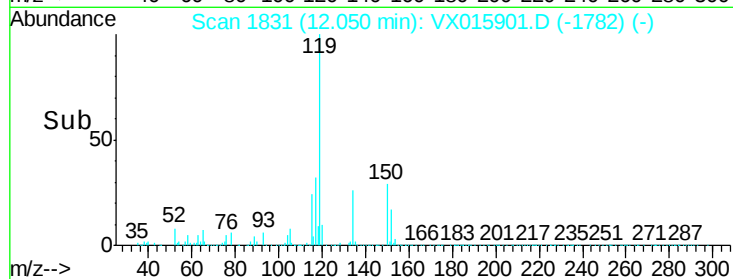
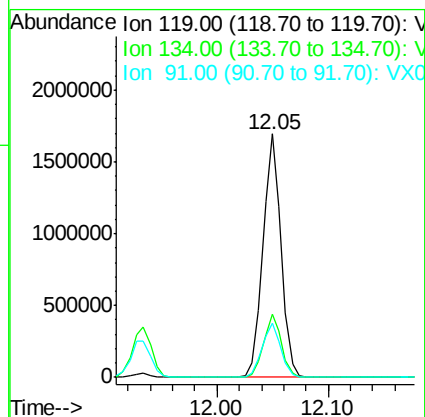
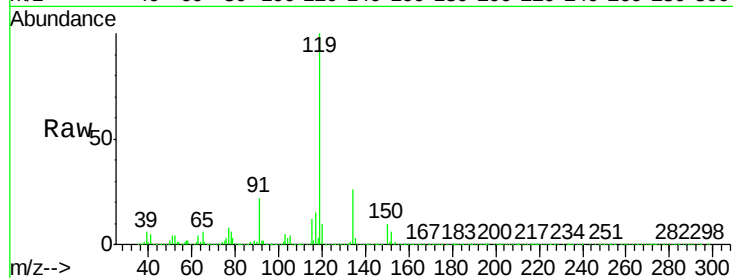
#86
p-Isopropyltoluene
Concen: 49.914 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	22.8	11.5	34.5

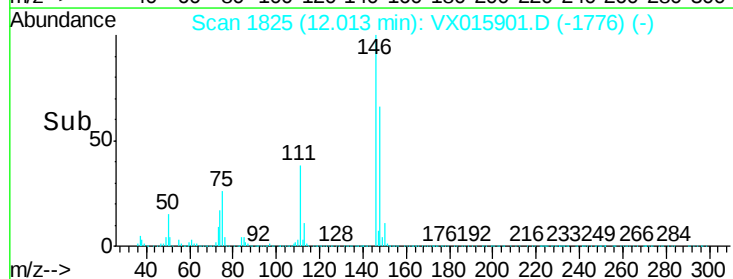
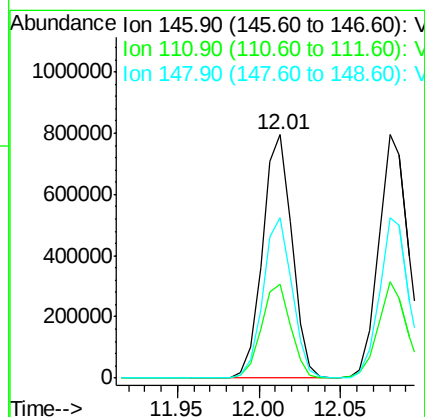
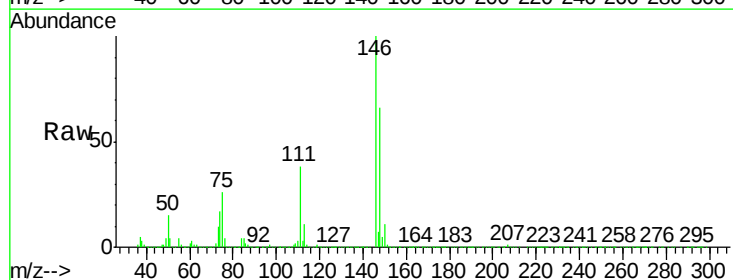
Manual Integrations
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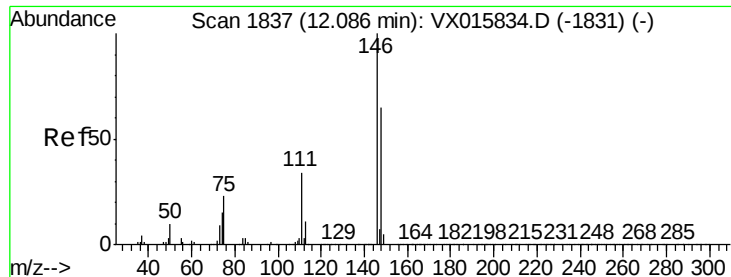
MMDadoda
4/24/2020 11:35:00 AM



#87
1,3-Dichlorobenzene
Concen: 47.973 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	64.8	30.9	92.7





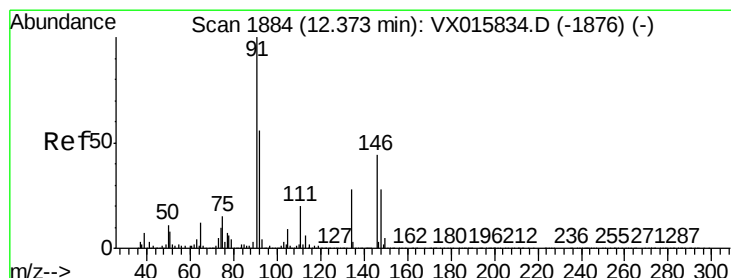
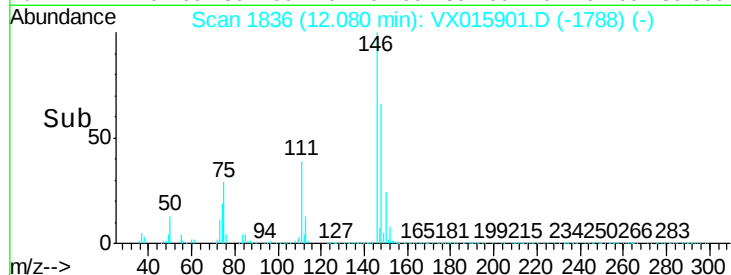
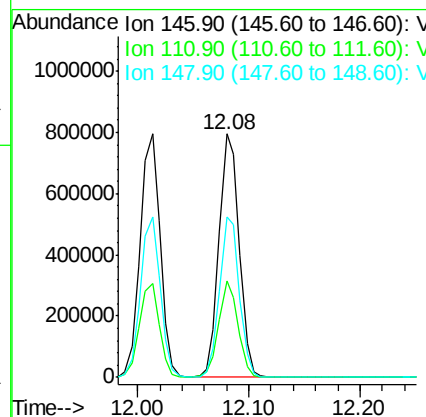
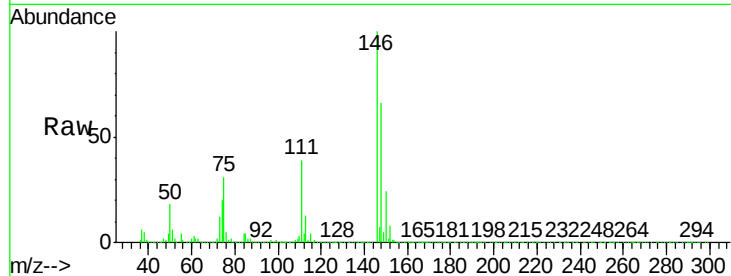
#88
 1,4-Dichlorobenzene
 Concen: 48.037 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	64.7	33.8	101.4

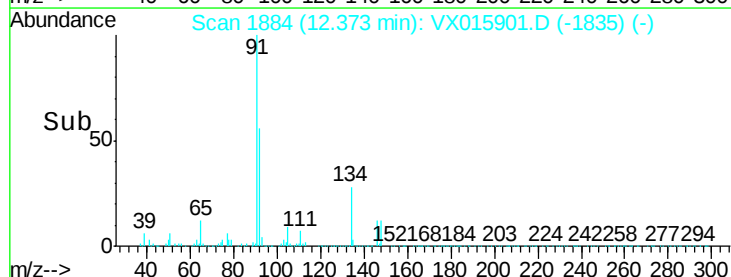
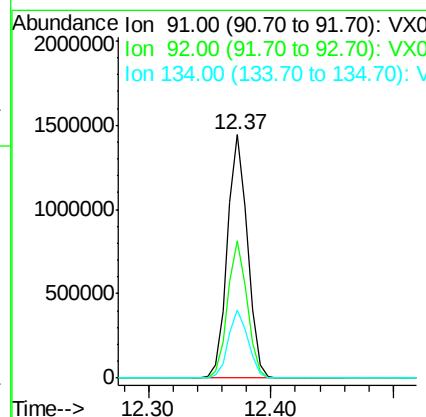
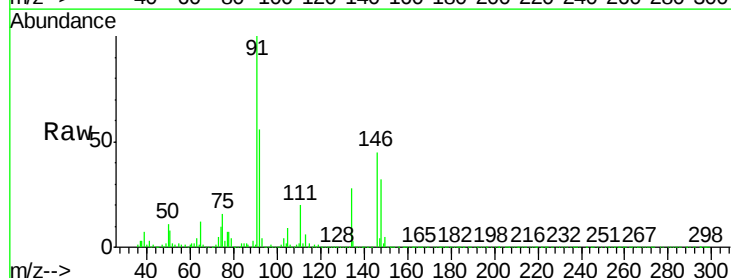
Manual Integrations
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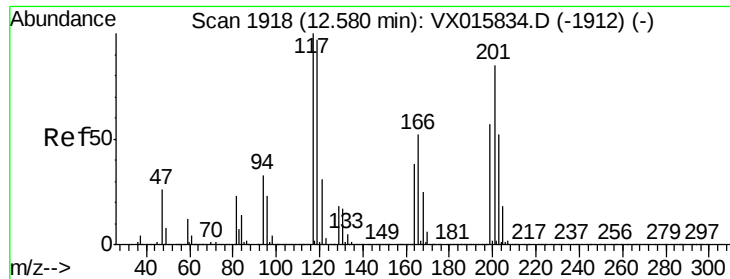
MMDadoda
 4/24/2020 11:35:00 AM



#89
 n-Butylbenzene
 Concen: 47.691 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.7	83.1
134	27.6	14.1	42.4





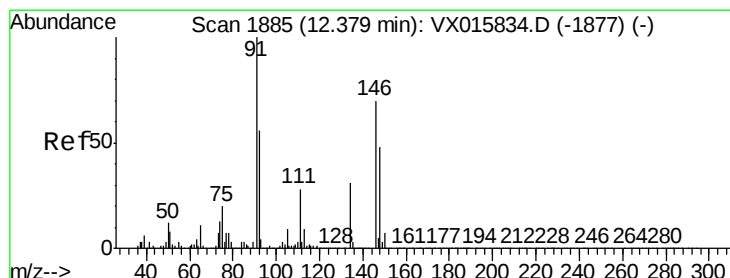
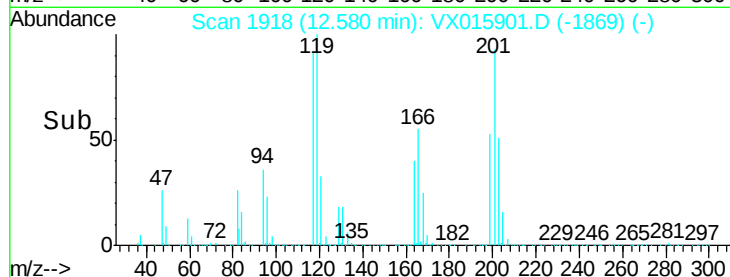
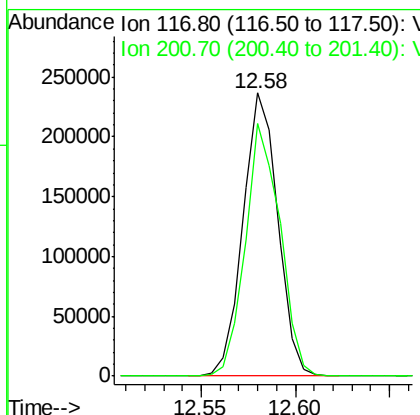
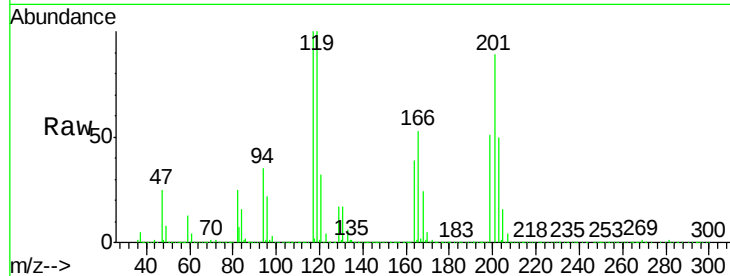
#90
Hexachloroethane
Concen: 74.370 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	302556		
201	89.4	45.6	136.9	

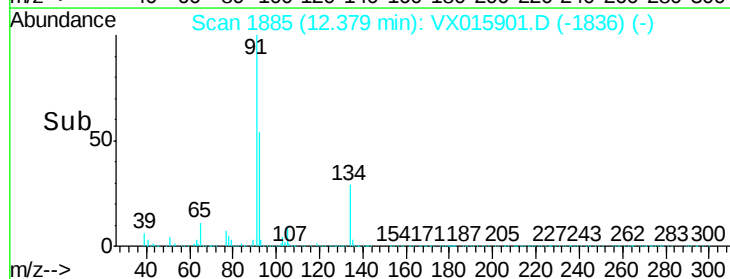
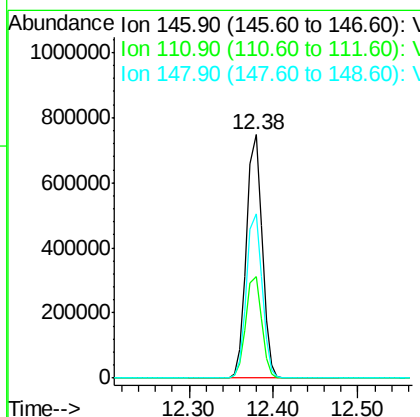
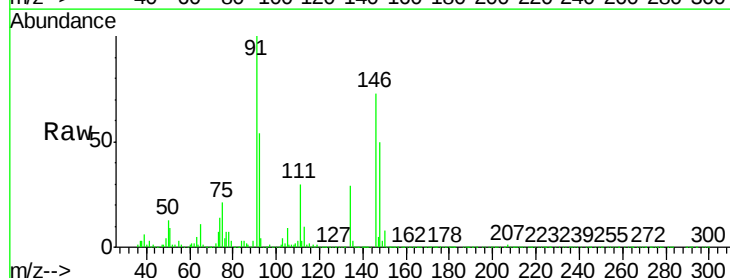
Manual Integrations
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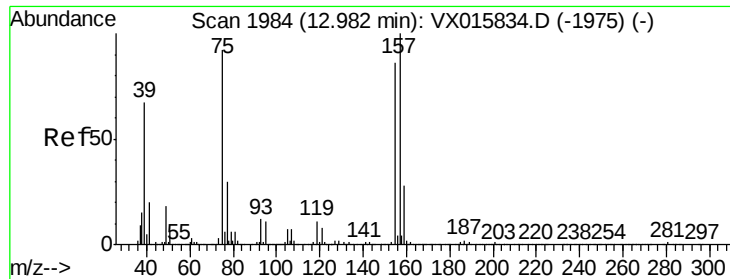
MMDadoda
4/24/2020 11:35:00 AM



#91
1,2-Dichlorobenzene
Concen: 46.870 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	920966		
111	42.0	20.3	61.0	
148	67.1	32.1	96.3	





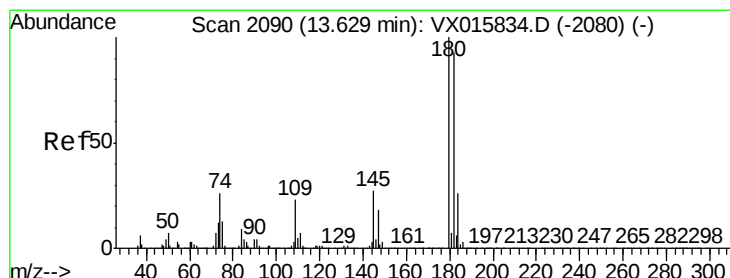
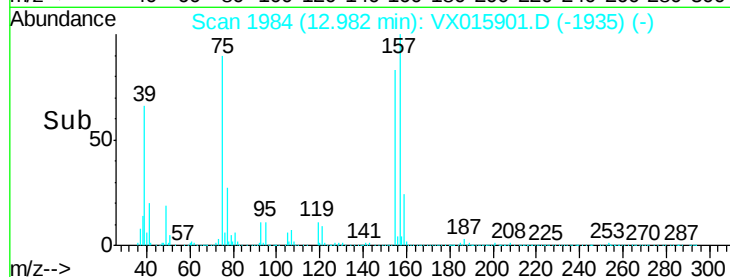
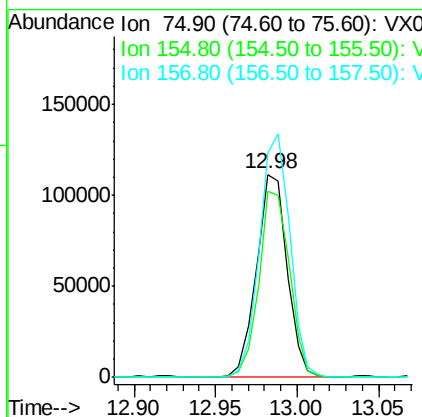
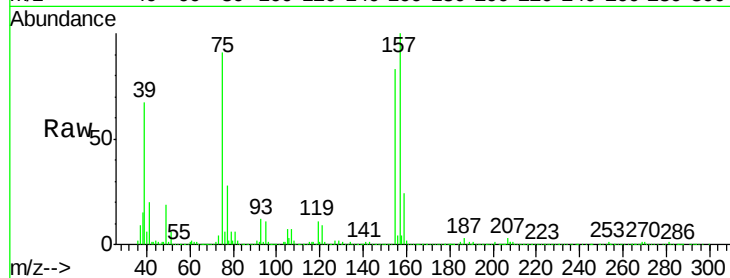
#92
1,2-Dibromo-3-Chloropropane
Concen: 55.961 ug/l
RT: 12.98 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	92.7	48.1	144.4
157	119.5	58.9	176.7

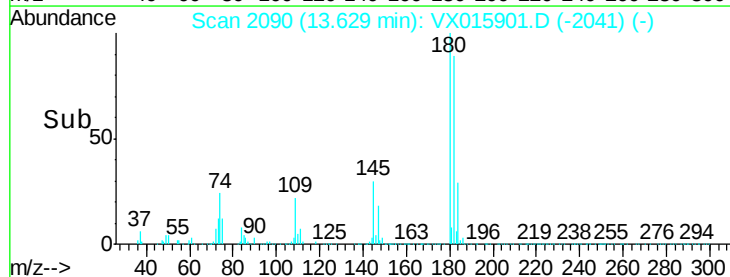
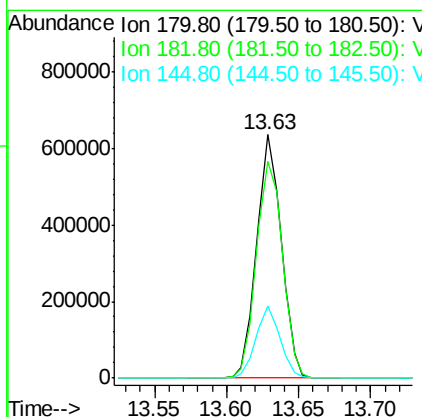
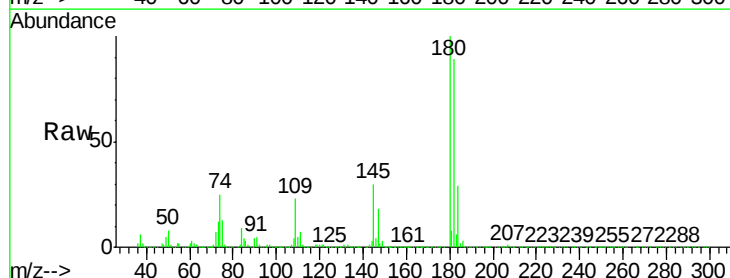
Manual Integrations
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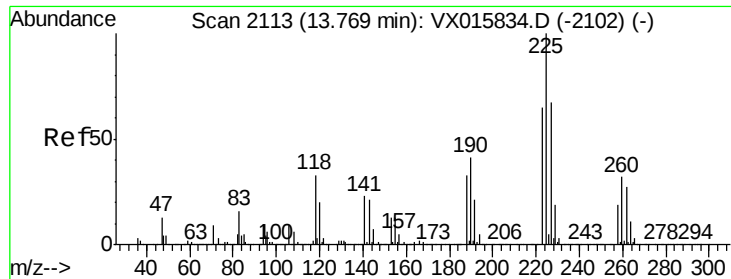
MMDadoda
4/24/2020 11:35:00 AM



#93
1,2,4-Trichlorobenzene
Concen: 48.298 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.7	143.1
145	29.4	14.5	43.5





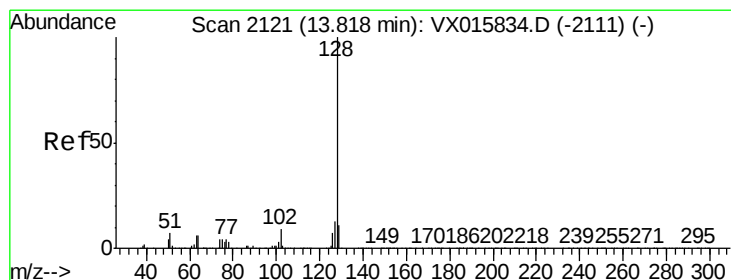
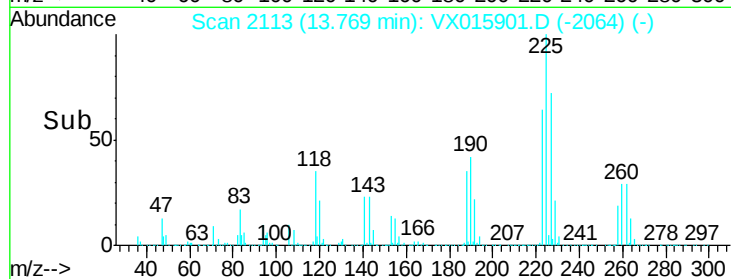
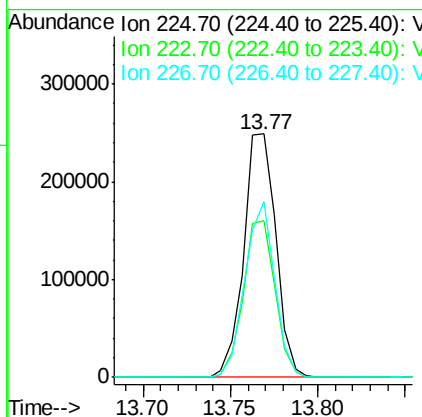
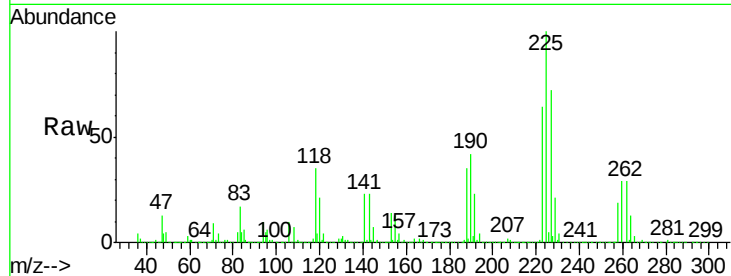
#94
Hexachlorobutadiene
Concen: 45.724 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.3	93.8
227	67.1	32.6	97.8

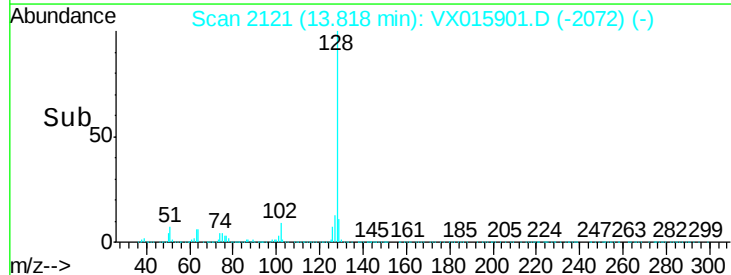
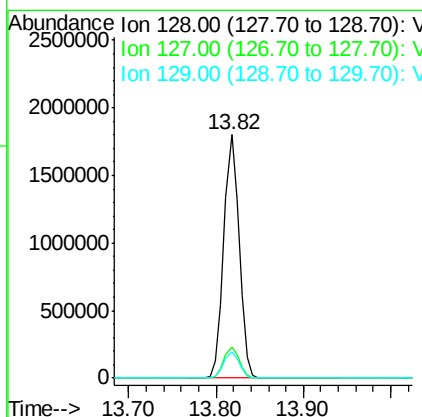
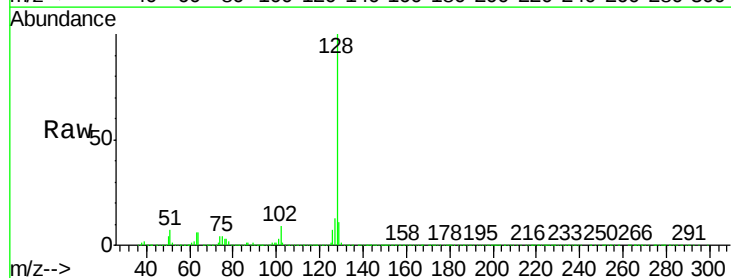
Manual Integrations
APPROVED

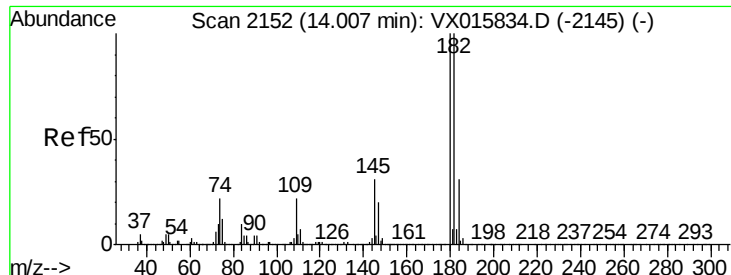
MMDadoda
4/24/2020 11:35:00 AM



#95
Naphthalene
Concen: 48.899 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.5	12.7





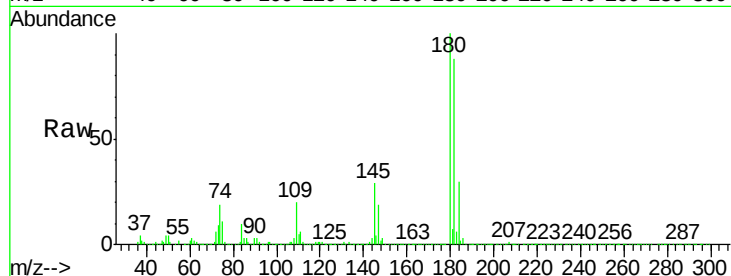
#96
 1,2,3-Trichlorobenzene
 Concen: 48.590 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Tot Ion:	180	Resp:	733943
Ion Ratio	Lower	Upper	
180	100		
182	91.6	47.9	143.7
145	31.3	15.2	45.5

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:00 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

