

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

Quant Time: Apr 24 03:35:16 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	473564	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
35) Dibromofluoromethane	5.47	113	368302	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	8.70	98	1445743	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.12	95	582827	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

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	802871	64.918	ug/l	83
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

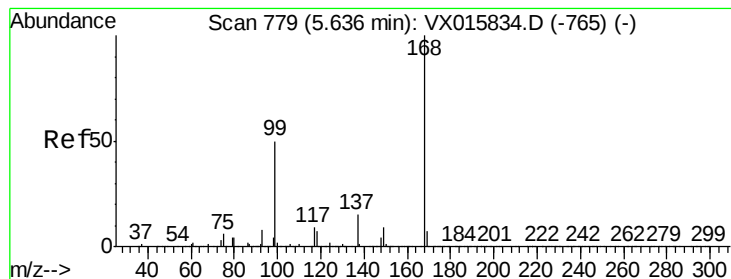
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015901.D
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Quant Time: Apr 24 03:35:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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 :

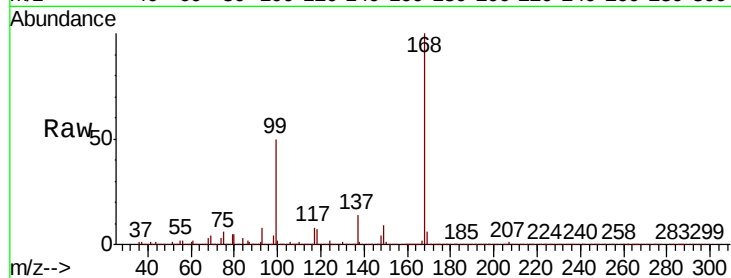
S73-0240MSD

Tot Ion:168 Resp: 840311

Ion Ratio Lower Upper

168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

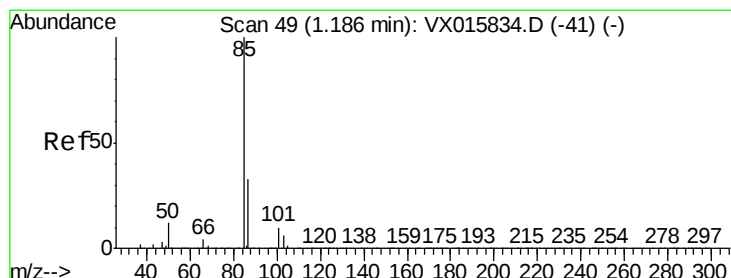
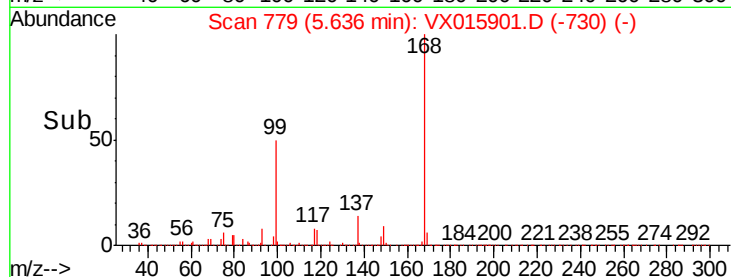
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.794 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX015901.D

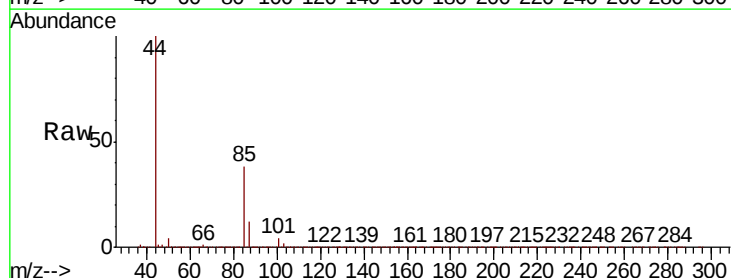
Acq: 23 Apr 2020 19:17

Tgt Ion: 85 Resp: 408511

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

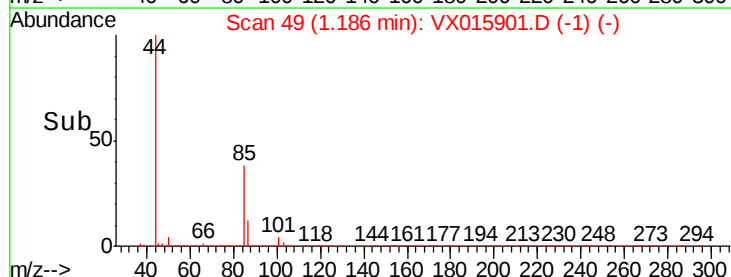
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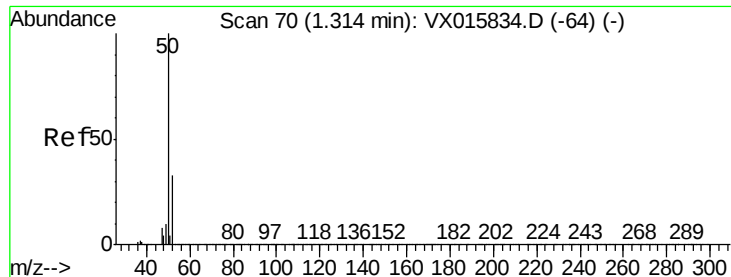
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Time-->

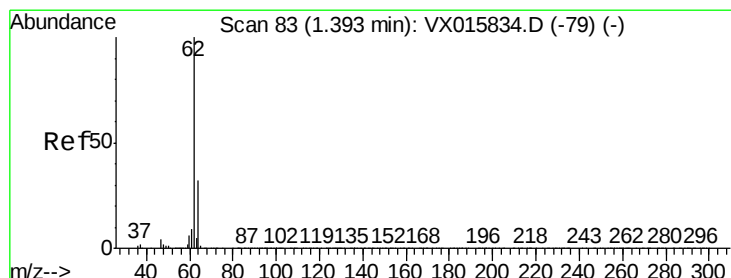
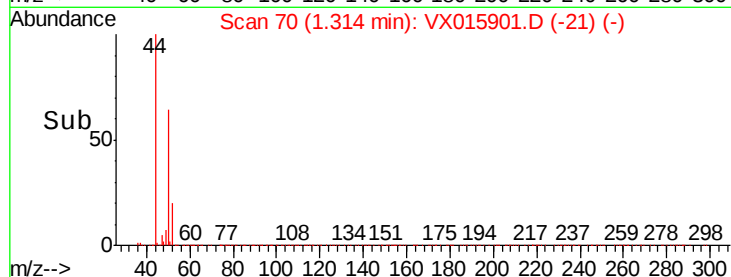
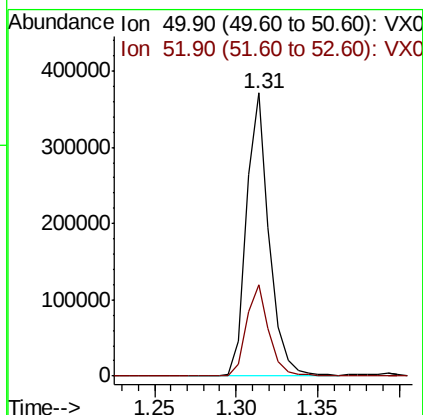
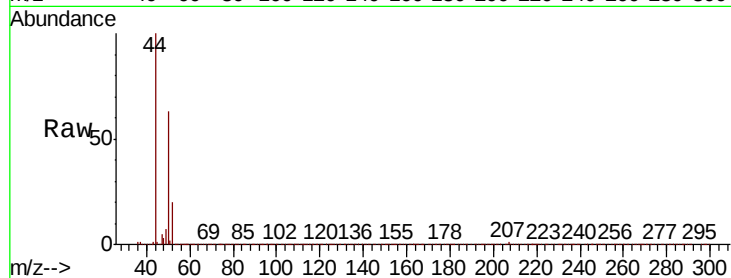




#3
Chloromethane
Concen: 48.443 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

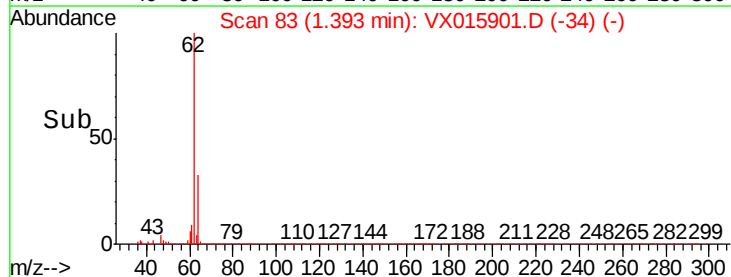
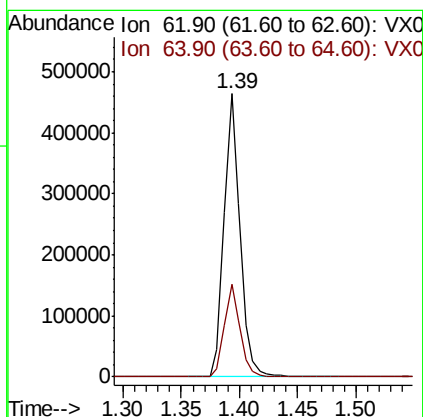
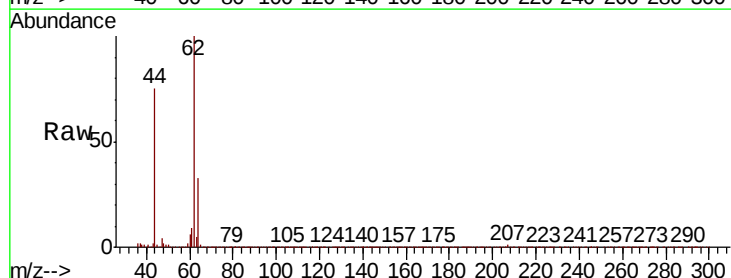
Instrument :
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ClientSampleId :
S73-0240MSD

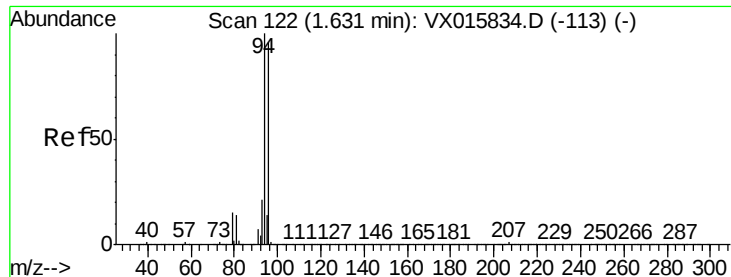
Tot Ion: 50 Resp: 356862
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.4



#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: 62 Resp: 438446
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 :

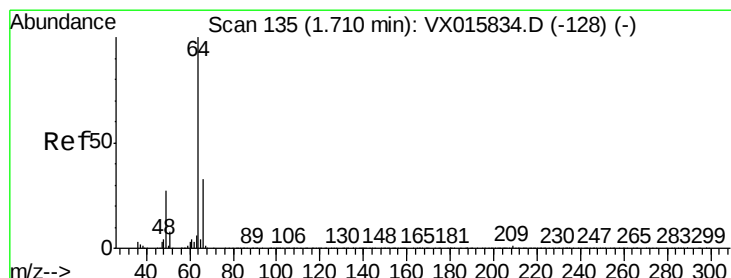
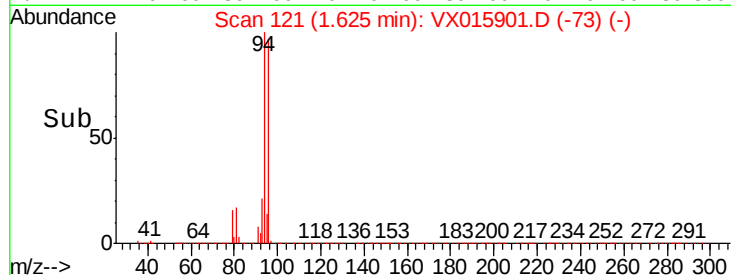
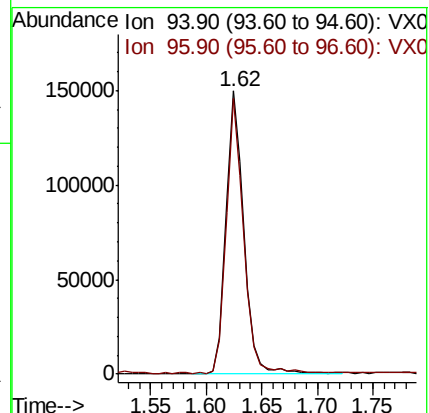
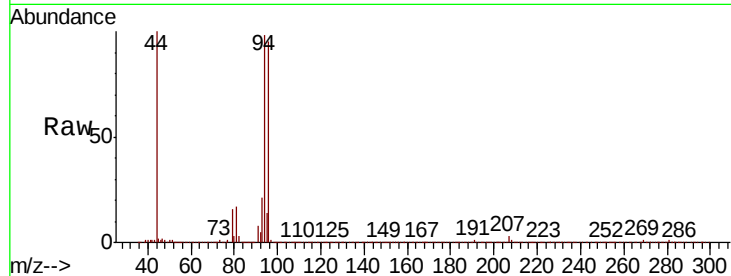
S73-0240MSD

Tot Ion: 94 Resp: 165465

Ion Ratio Lower Upper

94 100

96 97.4 76.7 115.1



#6

Chloroethane

Concen: 48.222 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX015901.D

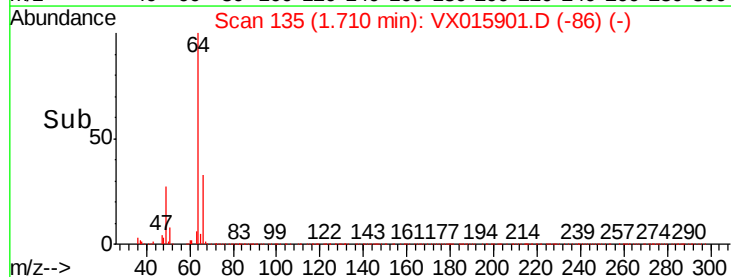
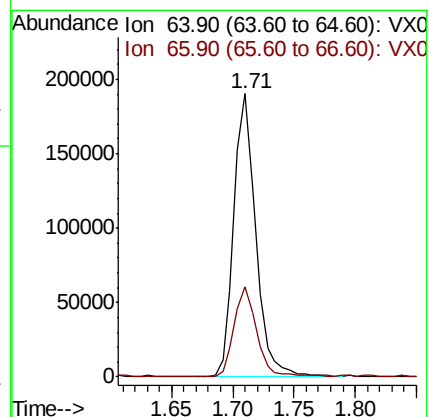
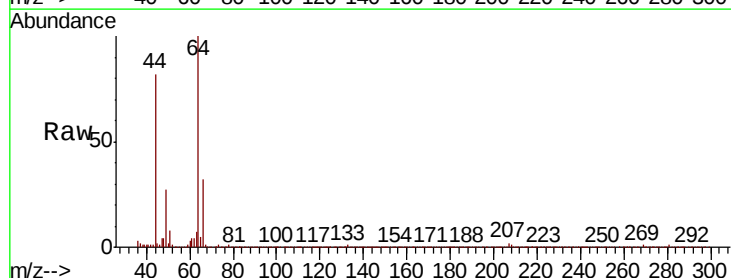
Acq: 23 Apr 2020 19:17

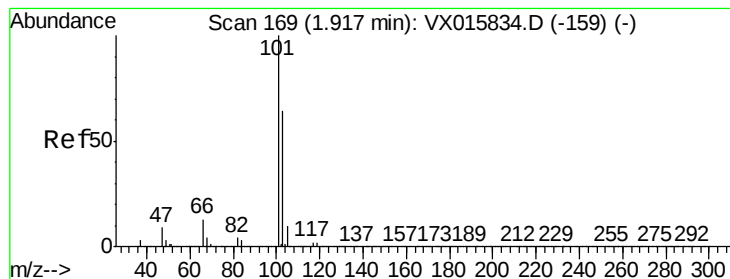
Tgt Ion: 64 Resp: 234310

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2



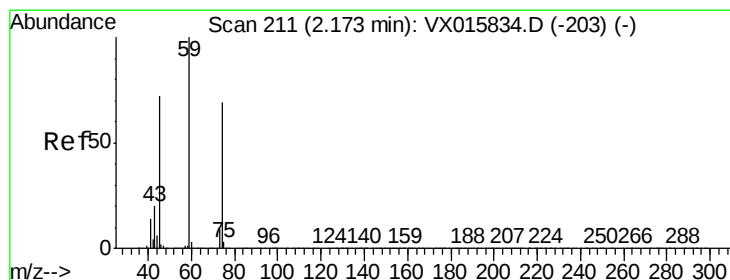
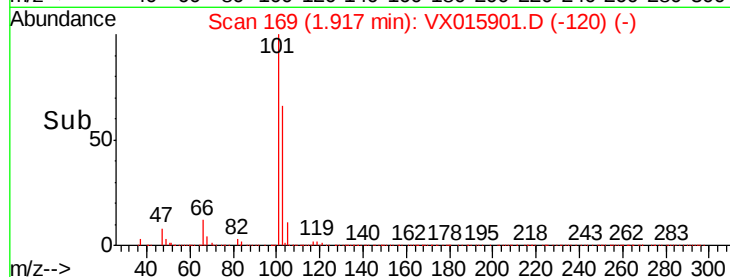
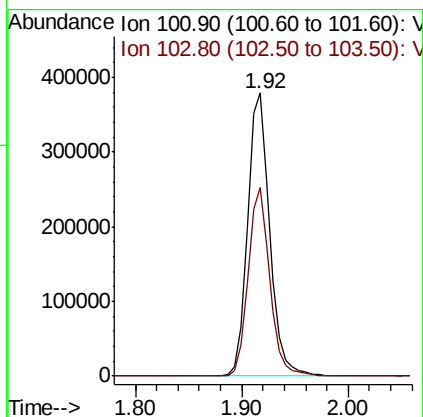
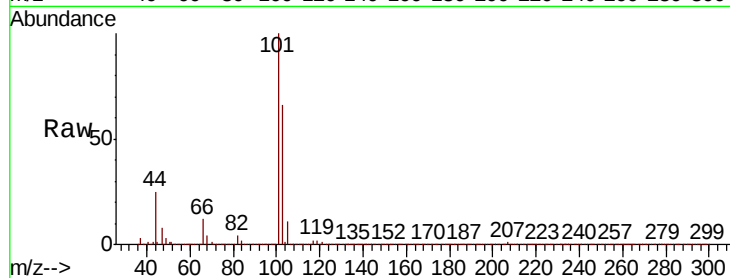


#7

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

Instrument :
MSVOA_X
ClientSampleId :
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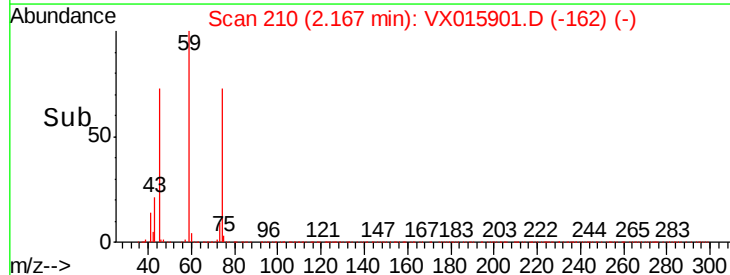
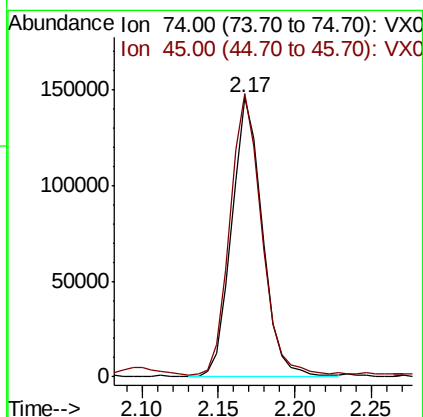
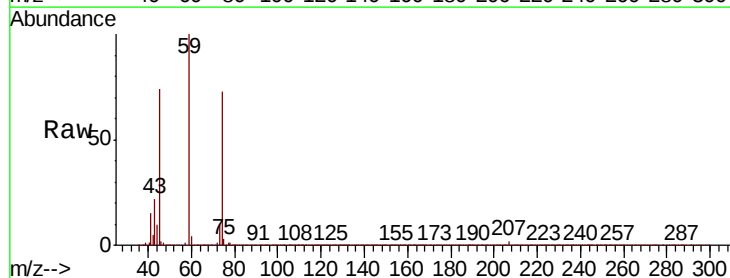
Tot Ion:101 Resp: 549435
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0

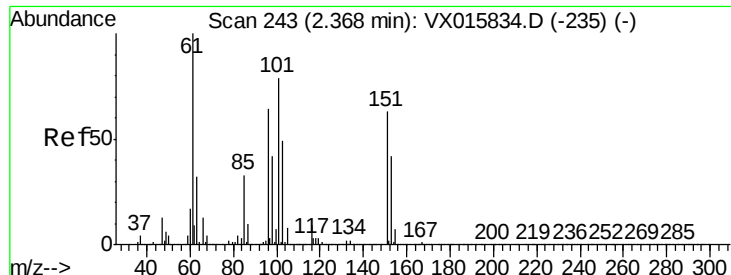


#8

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: 74 Resp: 201954
Ion Ratio Lower Upper
74 100
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

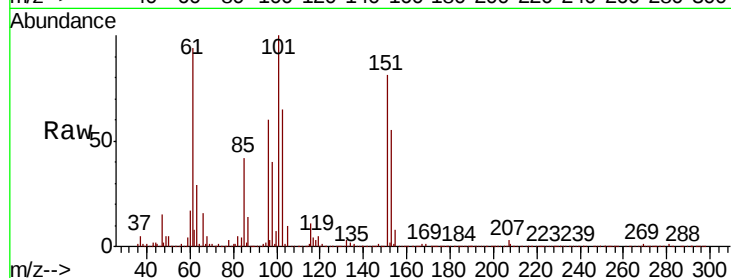
Tot Ion:101 Resp: 342604

Ion Ratio Lower Upper

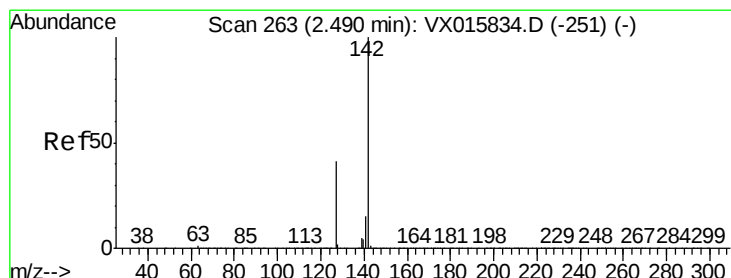
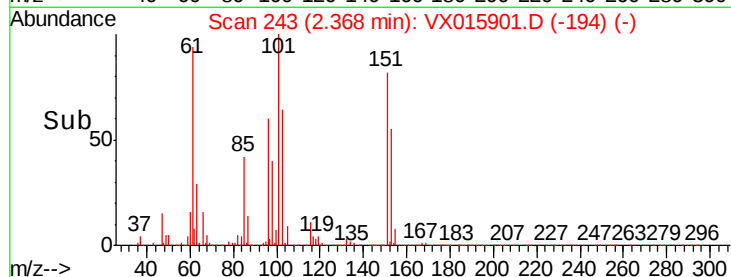
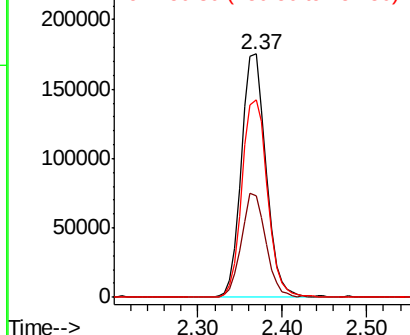
101 100

85 42.2 33.8 50.6

151 84.4 67.8 101.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#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

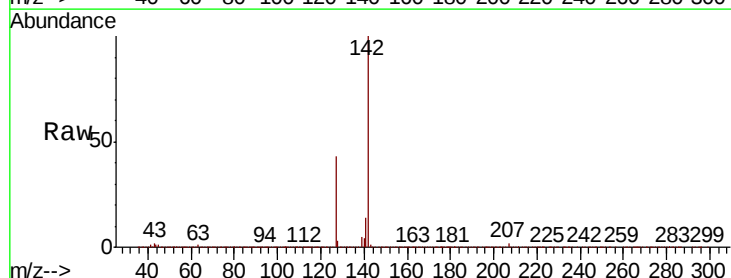
Tgt Ion:142 Resp: 414391

Ion Ratio Lower Upper

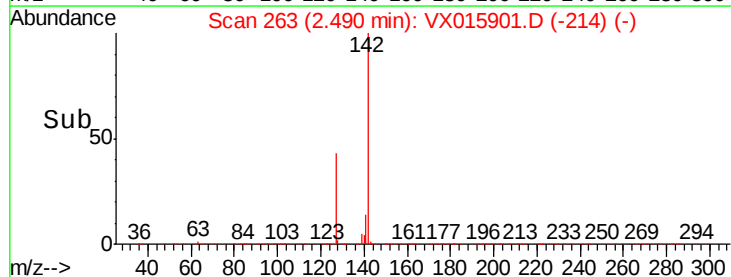
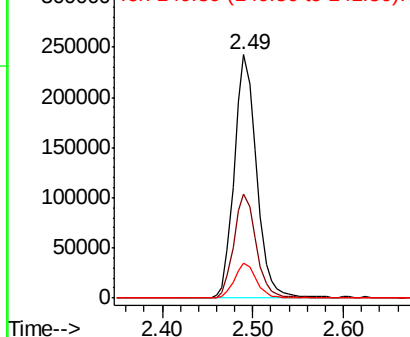
142 100

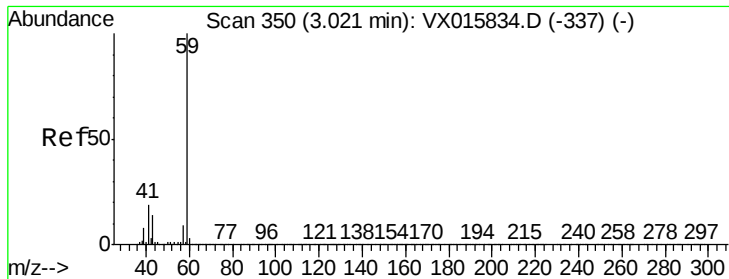
127 42.8 33.3 49.9

141 14.2 11.8 17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

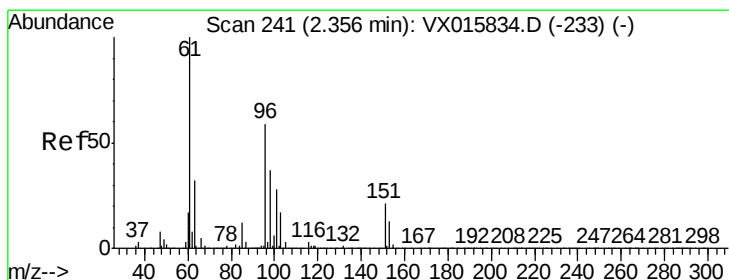
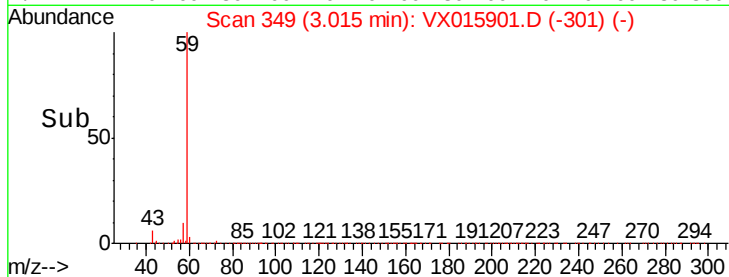
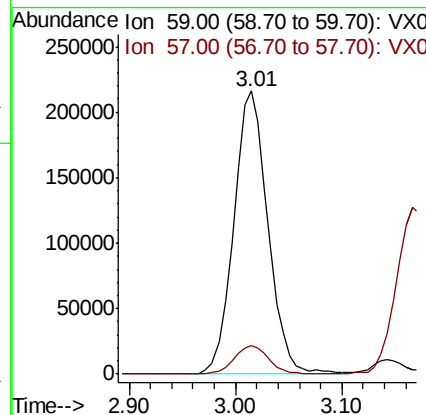
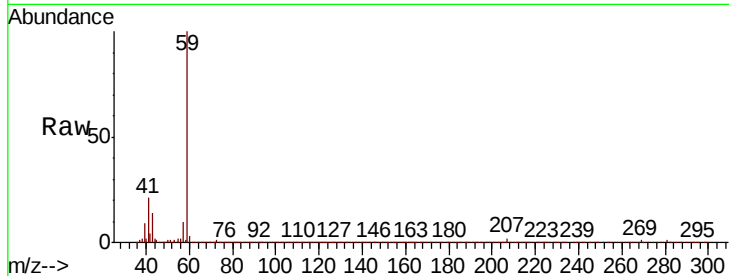




#11
Tert butyl alcohol
Concen: 246.905 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

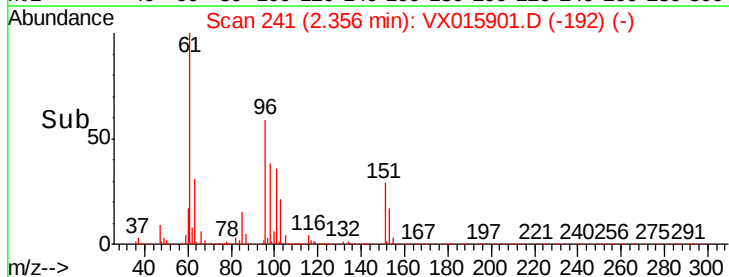
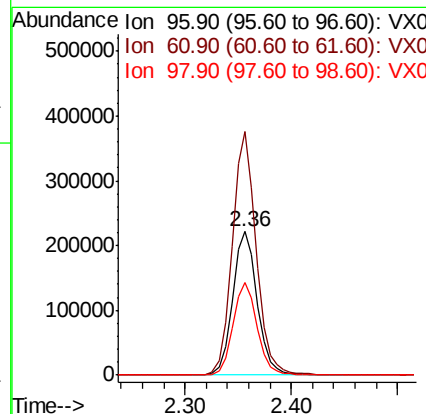
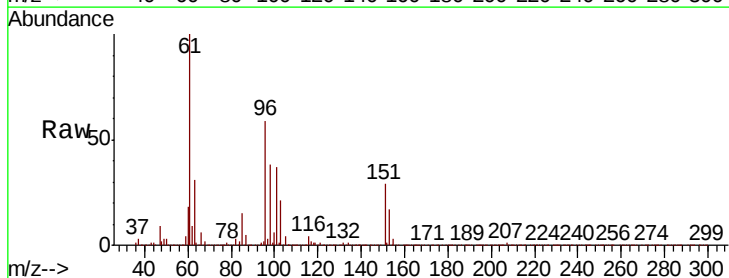
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

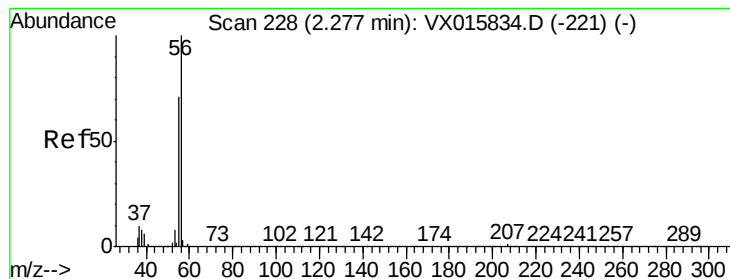
Tot Ion: 59 Resp: 482140
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#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: 96 Resp: 352770
Ion Ratio Lower Upper
96 100
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 :

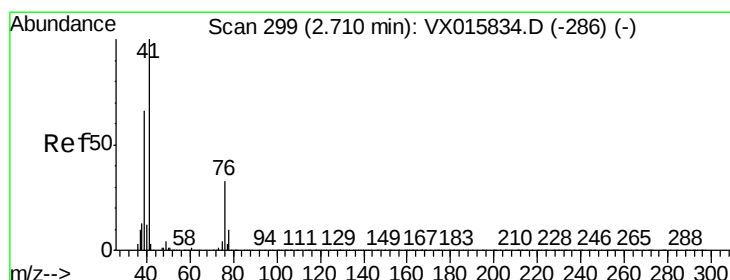
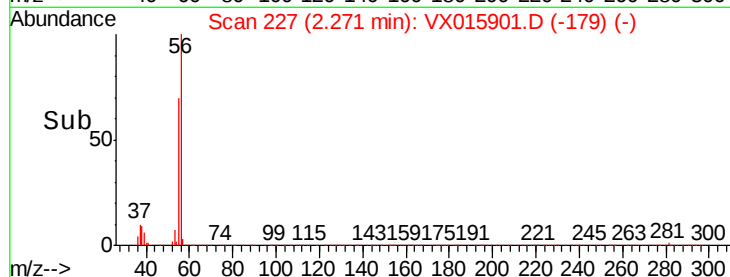
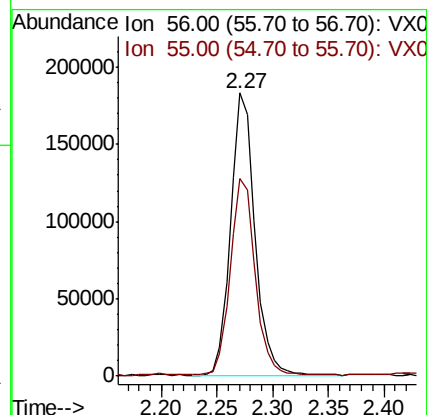
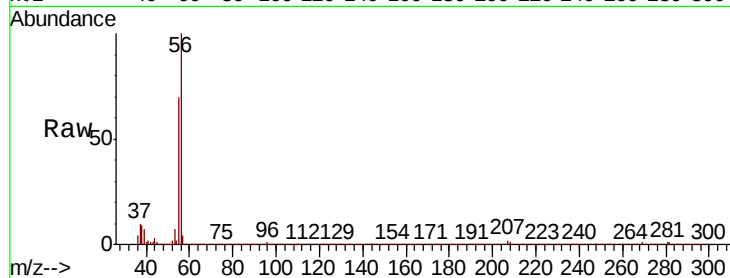
S73-0240MSD

Tot Ion: 56 Resp: 275883

Ion Ratio Lower Upper

56 100

55 70.9 56.1 84.1



#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

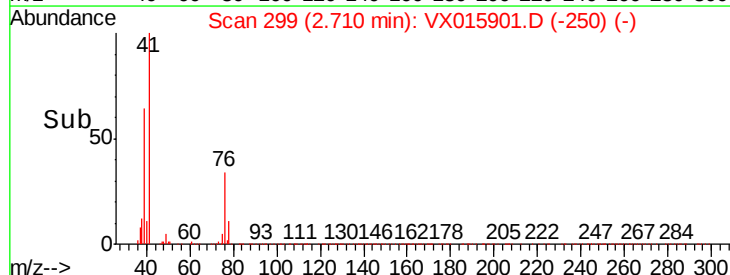
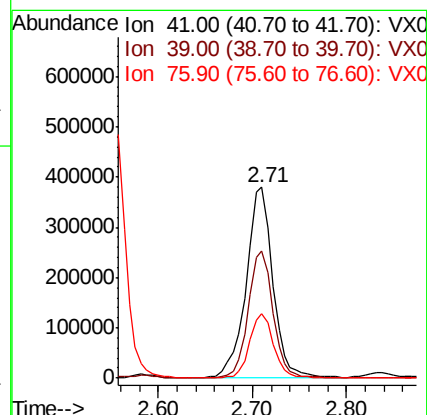
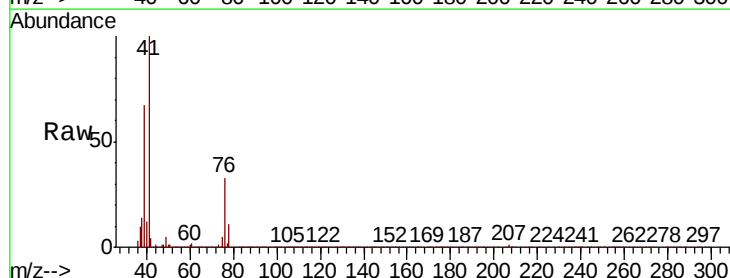
Tgt Ion: 41 Resp: 746626

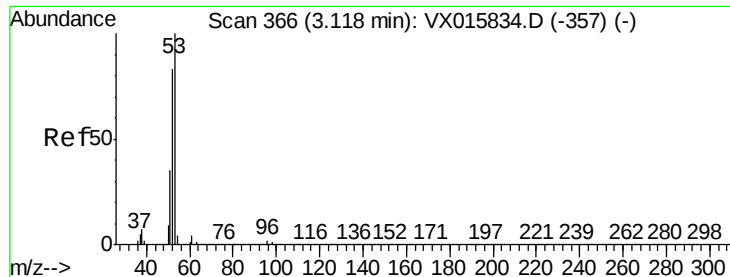
Ion Ratio Lower Upper

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

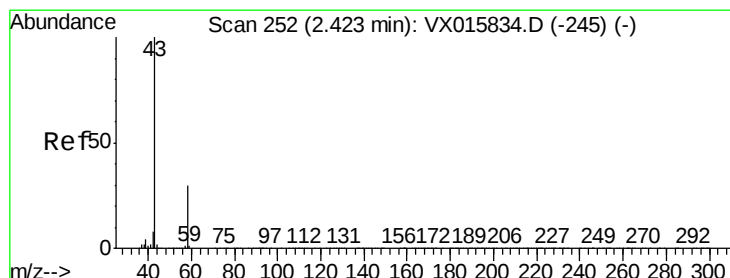
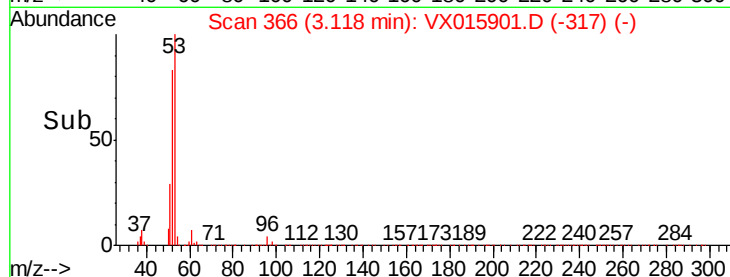
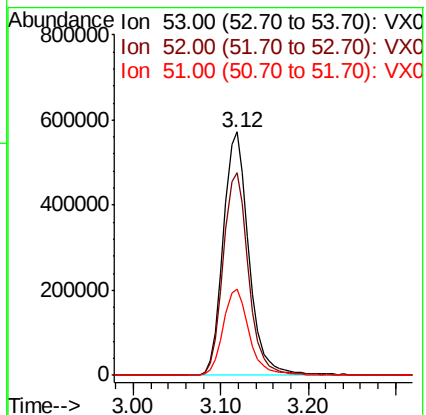
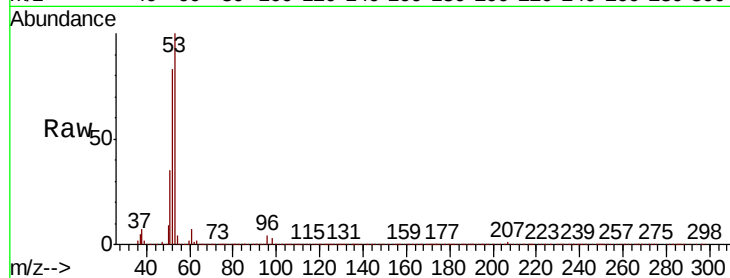
Tot Ion: 53 Resp: 1160077

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.4

51 36.1 28.6 43.0



#16

Acetone

Concen: 232.224 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015901.D

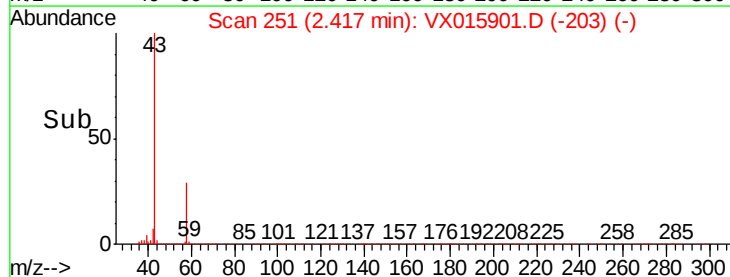
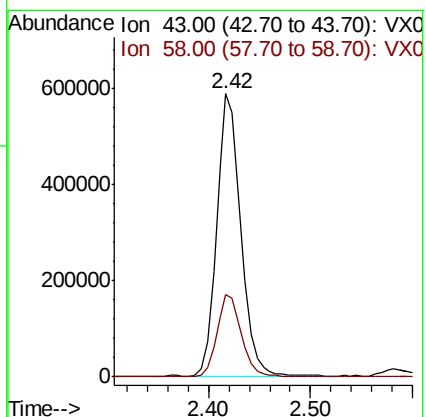
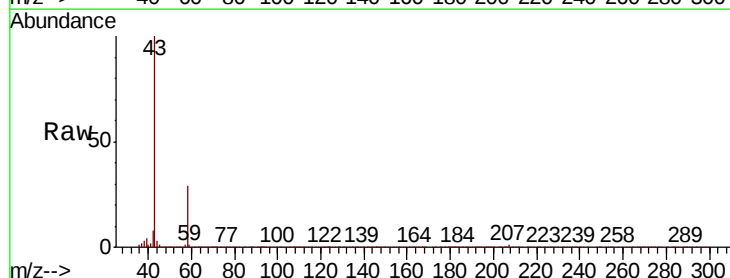
Acq: 23 Apr 2020 19:17

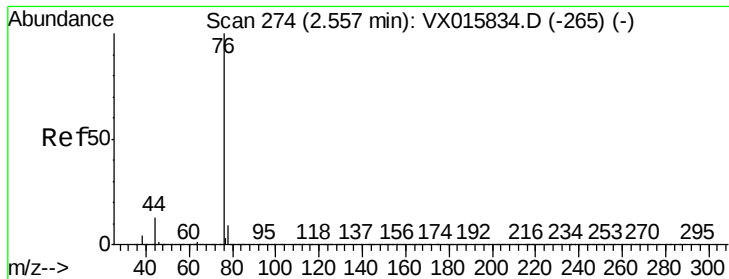
Tgt Ion: 43 Resp: 966400

Ion Ratio Lower Upper

43 100

58 29.2 24.0 36.0

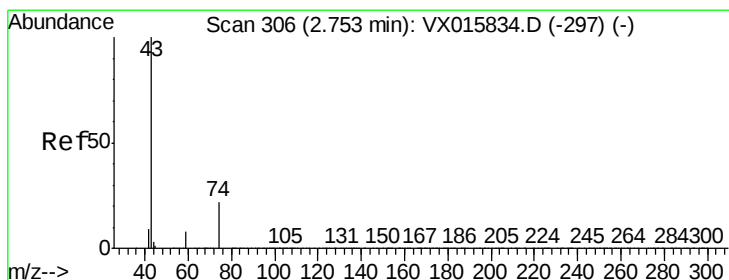
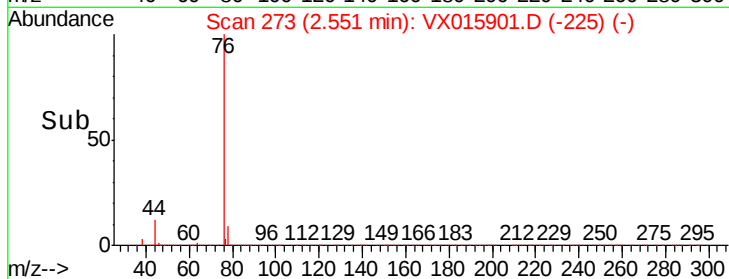
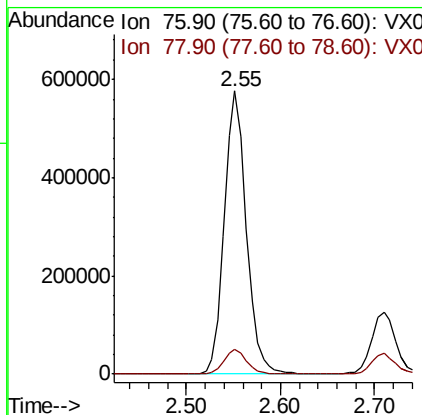
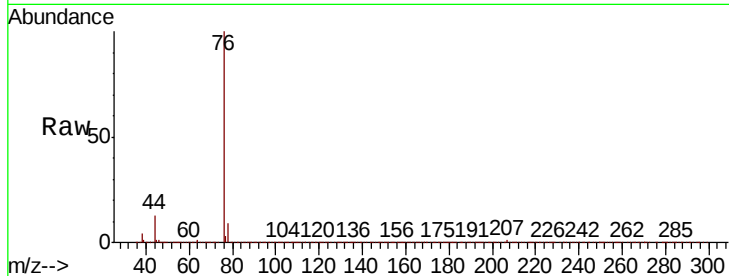




#17
Carbon Disulfide
Concen: 35.024 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

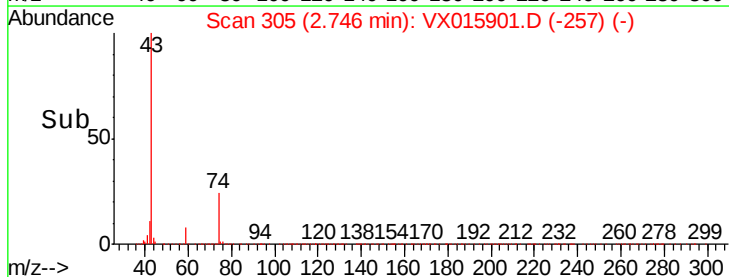
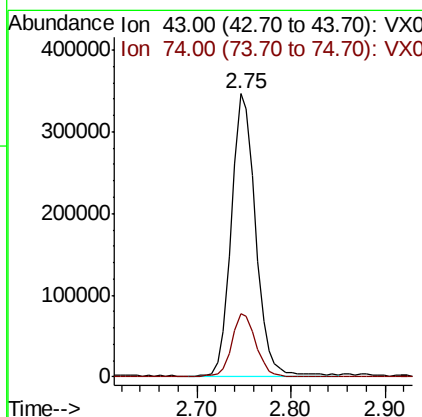
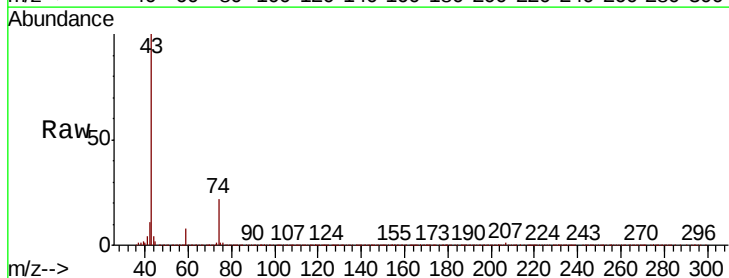
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

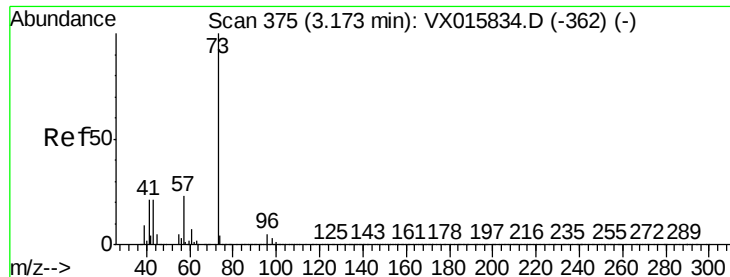
Tot Ion: 76 Resp: 936134
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#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: 43 Resp: 618467
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9



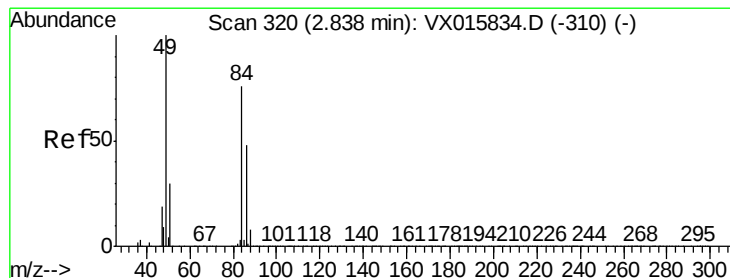
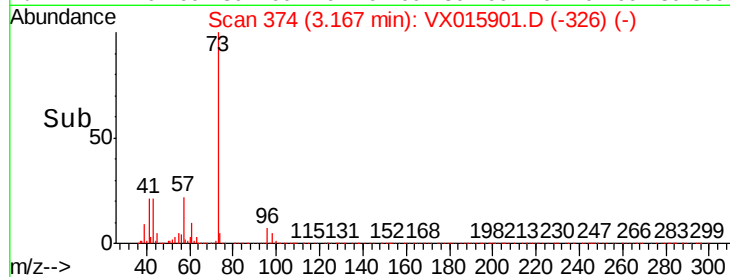
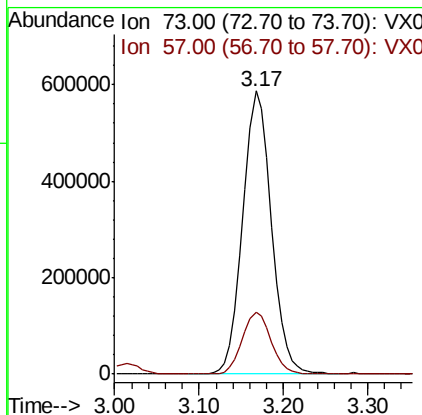
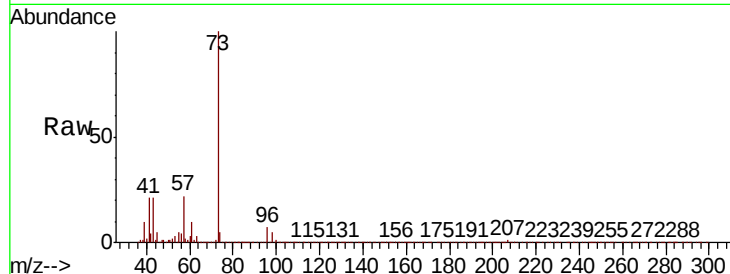


#19

Methyl tert-butyl 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

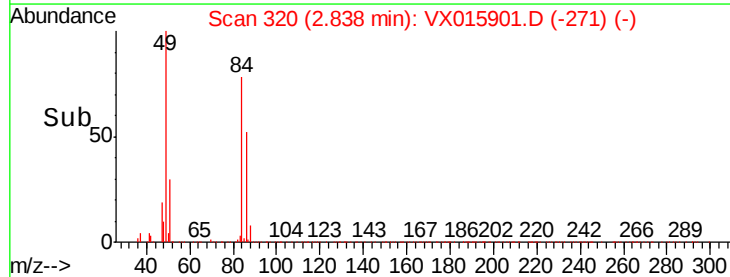
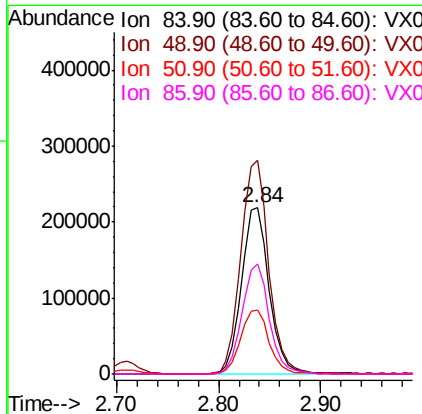
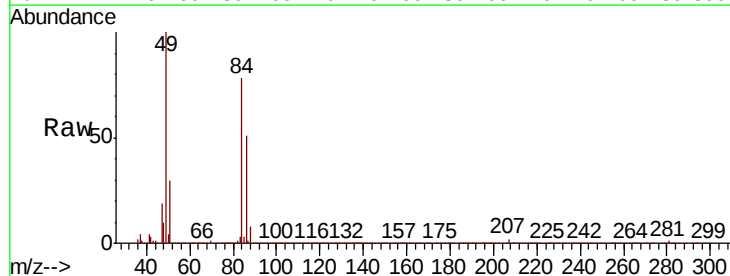
Tot Ion: 73 Resp: 1338200
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.1 27.1

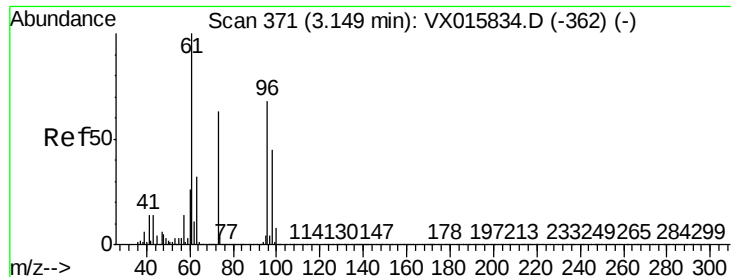


#20

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

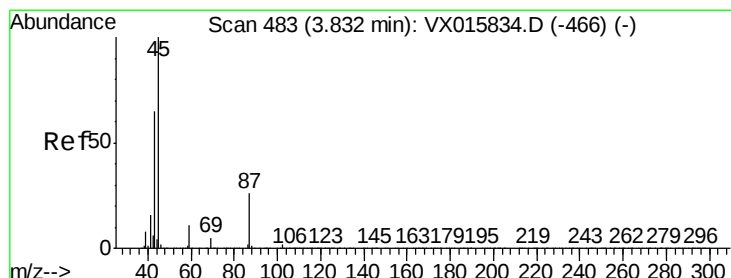
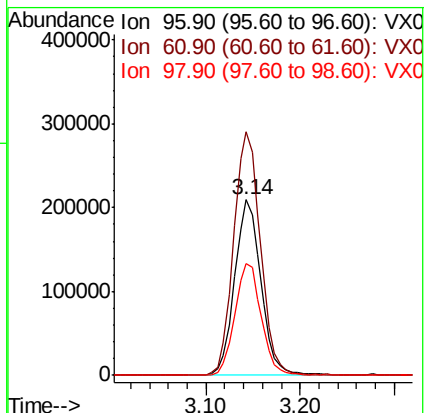
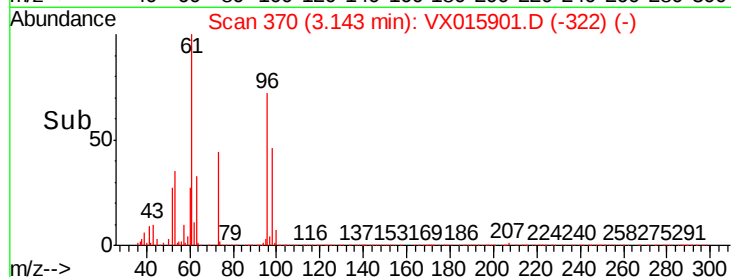
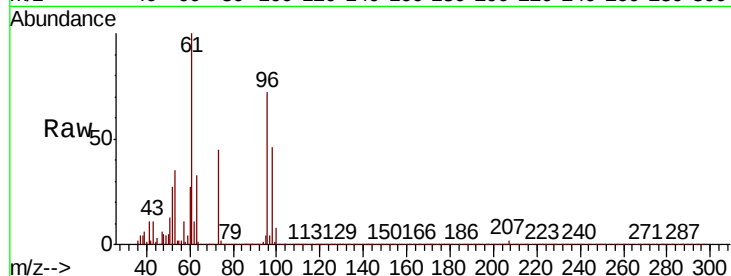
Tot Ion: 96 Resp: 403122

Ion Ratio Lower Upper

96 100

61 138.9 117.5 176.3

98 63.5 52.7 79.1



#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

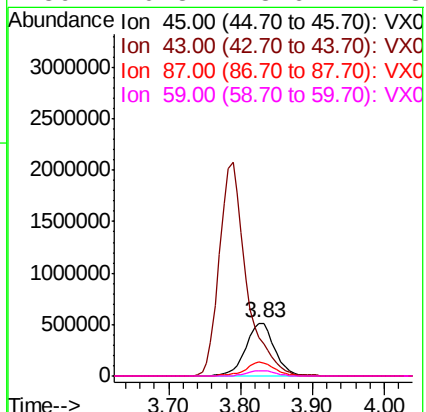
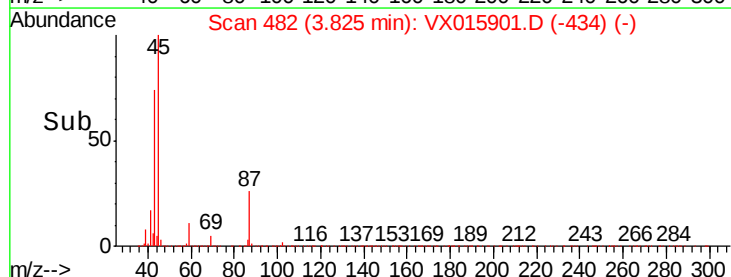
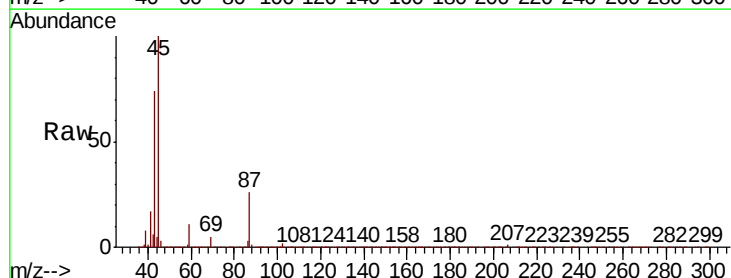
Ion Ratio Lower Upper

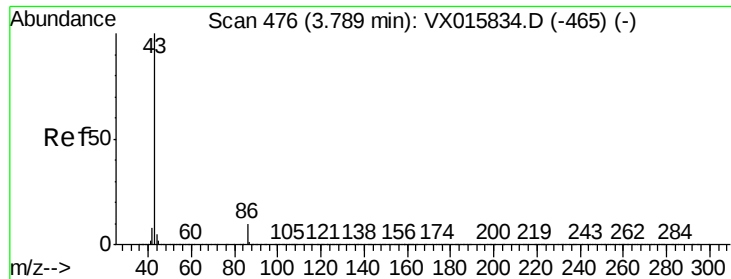
45 100

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

Instrument :

MSVOA_X

ClientSampleId :

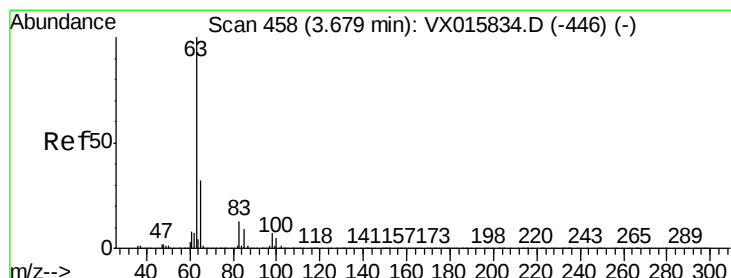
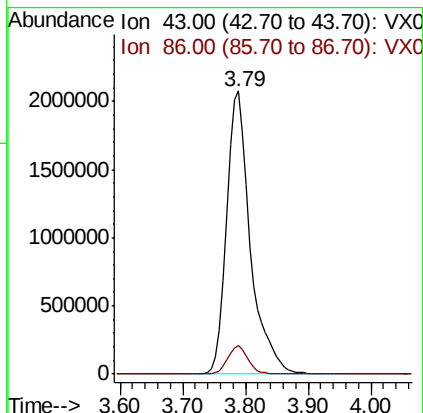
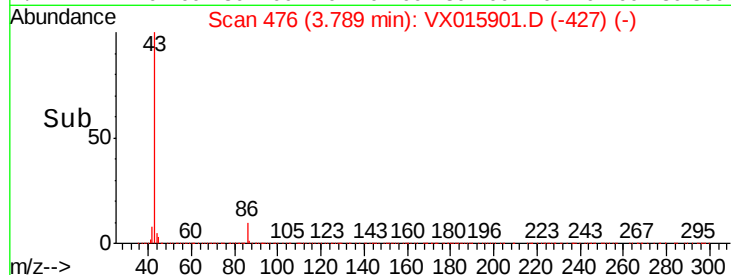
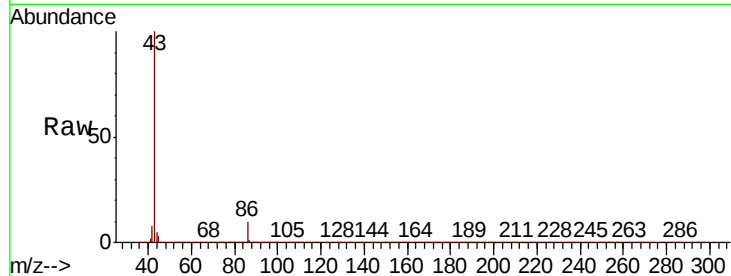
S73-0240MSD

Tot Ion: 43 Resp: 5437232

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



#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

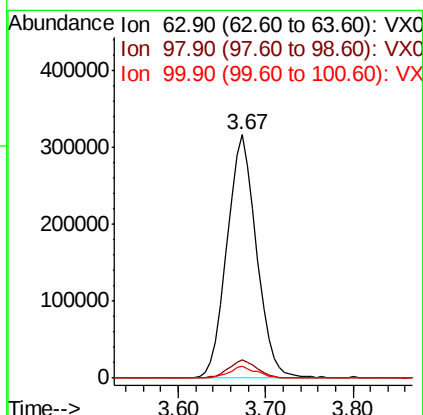
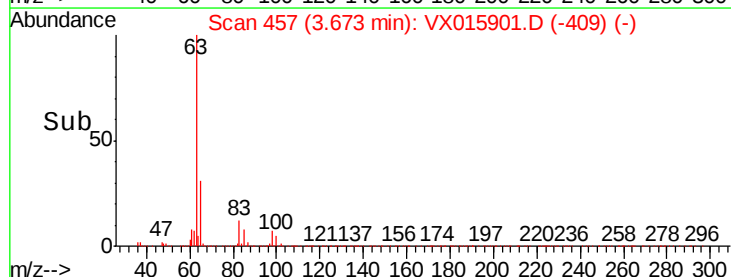
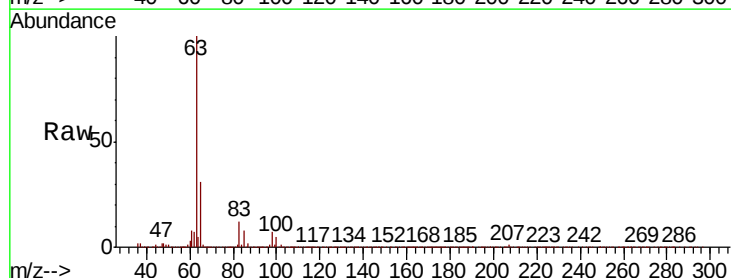
Tgt Ion: 63 Resp: 741129

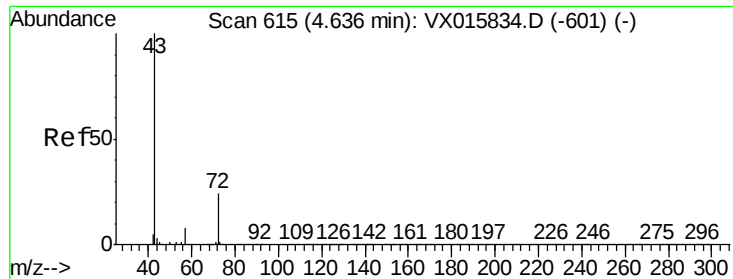
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.8 2.3 6.8

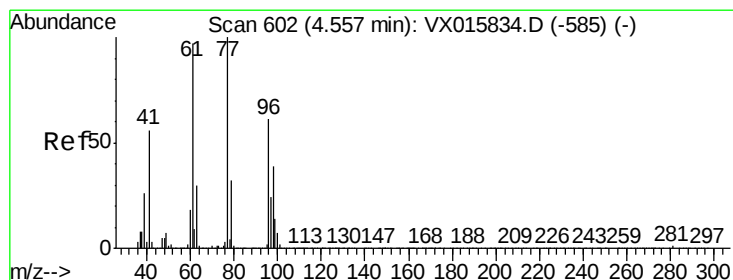
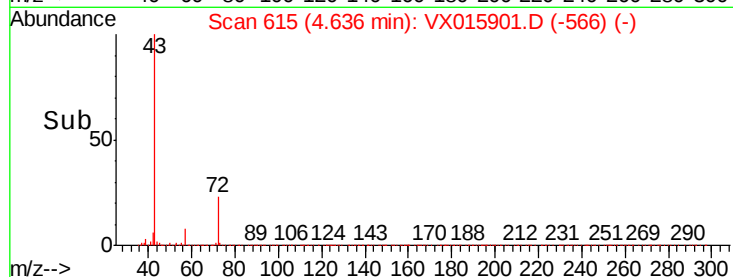
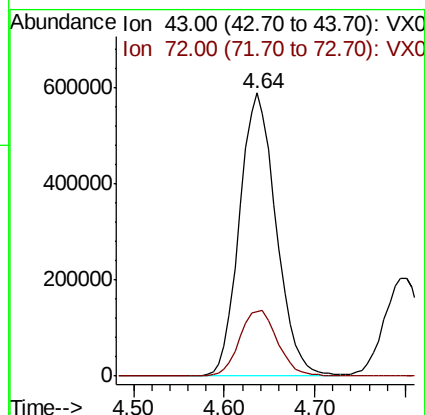
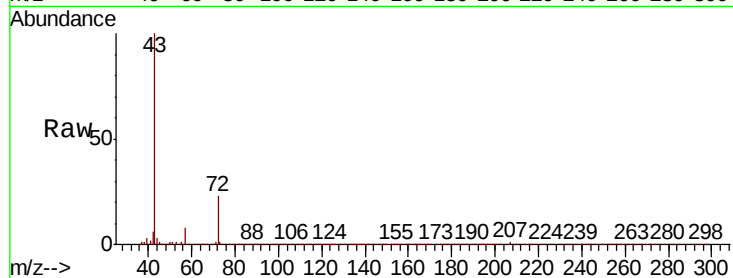




#25
2-Butanone
Concen: 249.351 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

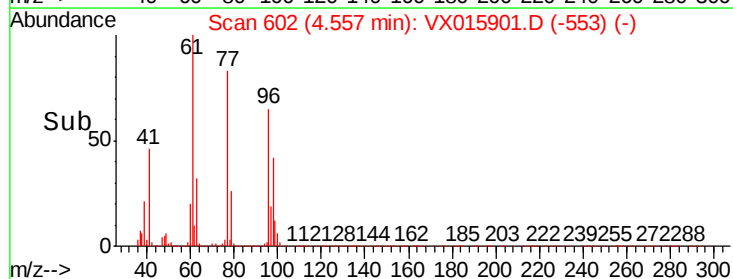
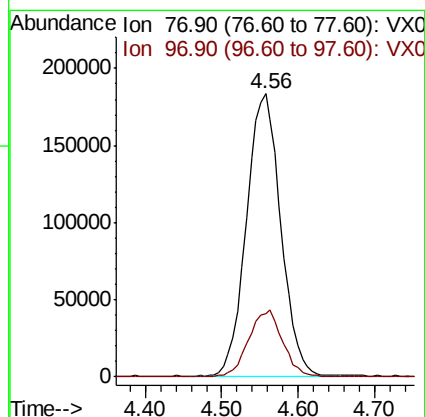
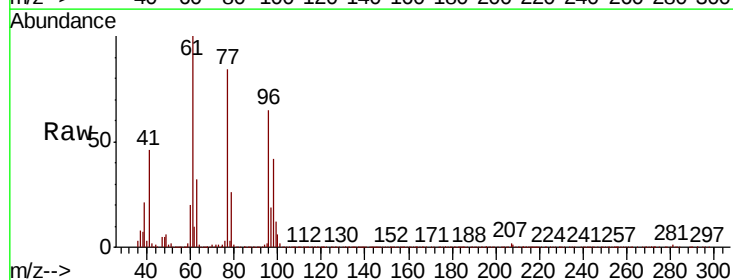
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

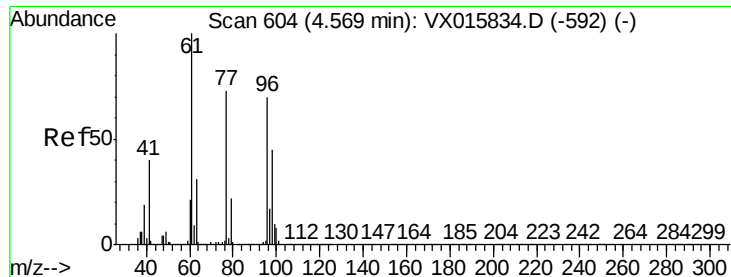
Tot Ion: 43 Resp: 1640136
Ion Ratio Lower Upper
43 100
72 22.7 19.4 29.2



#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



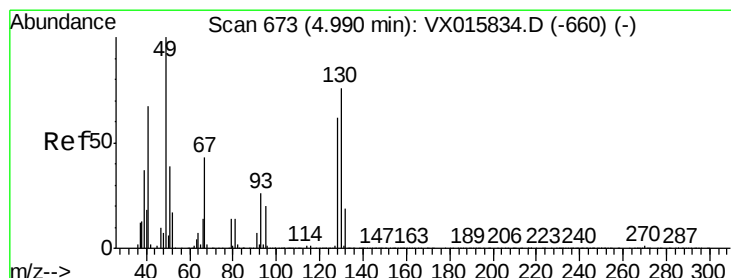
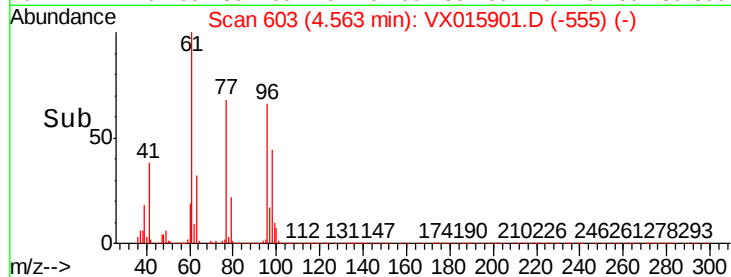
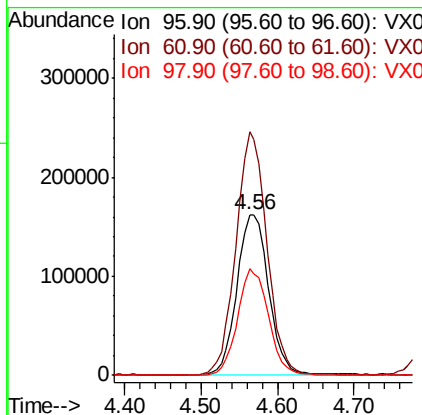
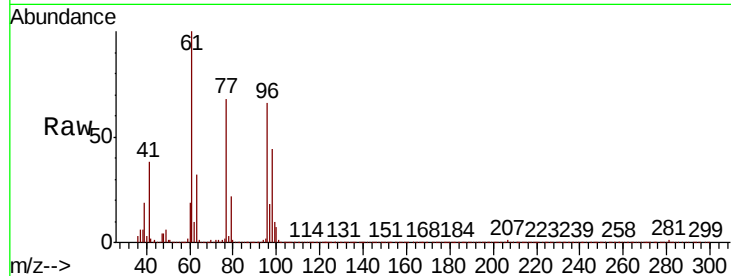


#27

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

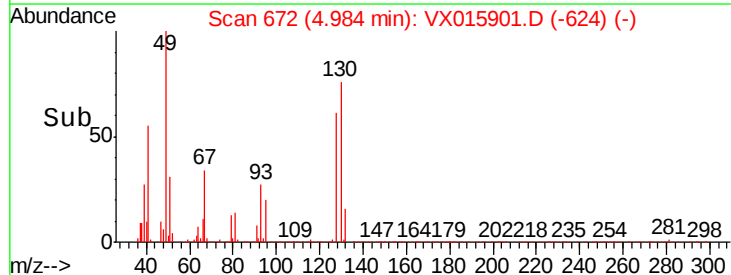
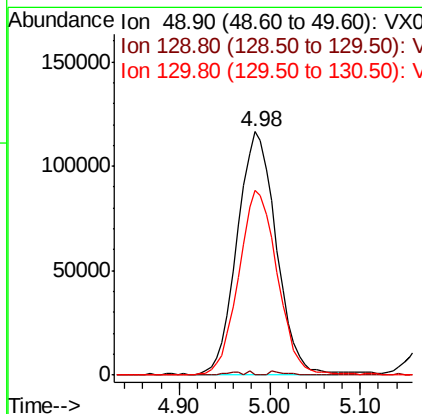
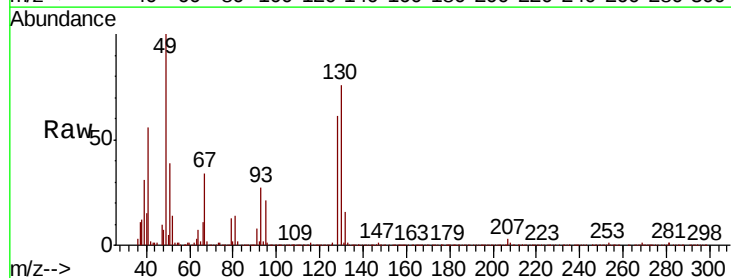
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	299.4
98	64.6	0.0	129.6

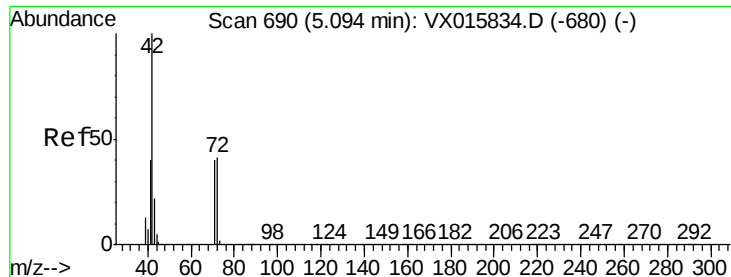


#28

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	Lower	Upper
49	100		
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

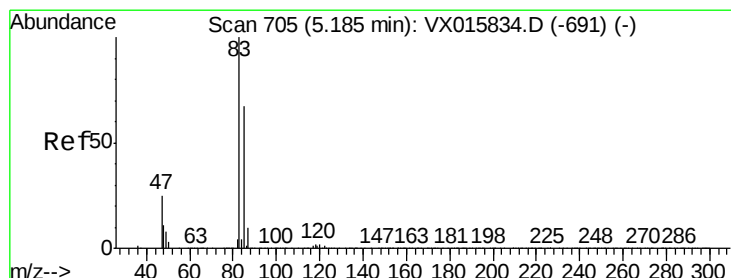
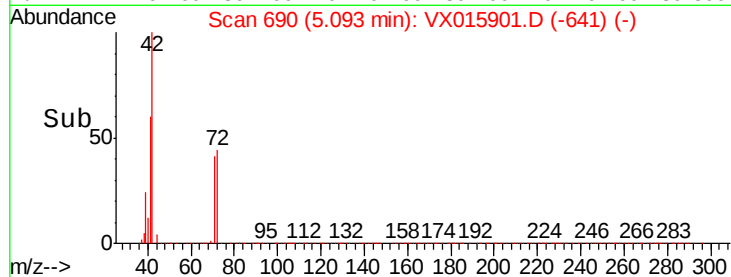
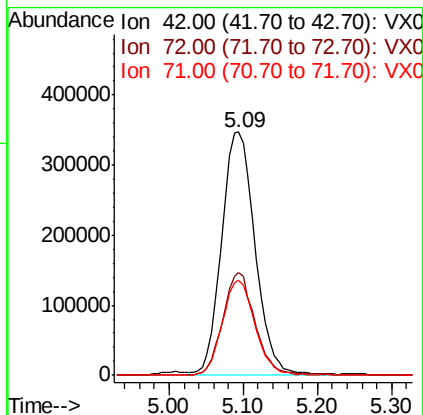
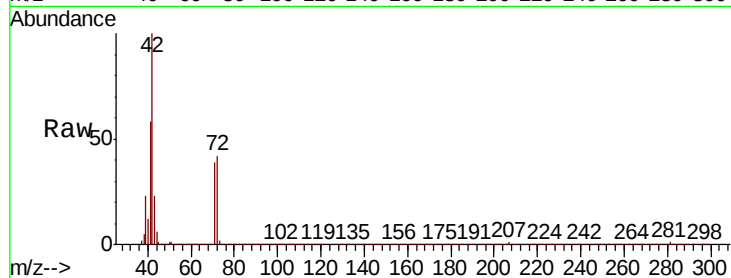
Tot Ion: 42 Resp: 1084321

Ion Ratio Lower Upper

42 100

72 40.9 33.0 49.6

71 38.3 30.6 45.8



#30

Chloroform

Concen: 49.890 ug/l

RT: 5.18 min Scan# 705

Delta R.T. -0.00 min

Lab File: VX015901.D

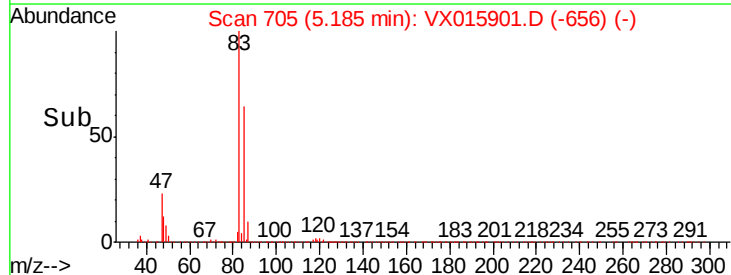
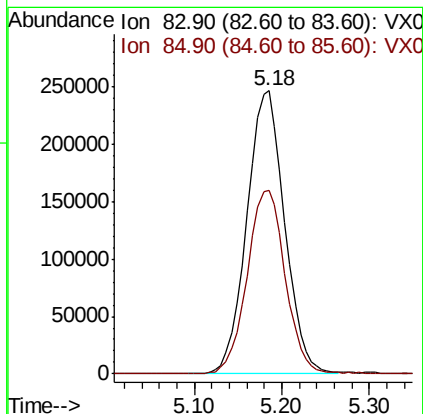
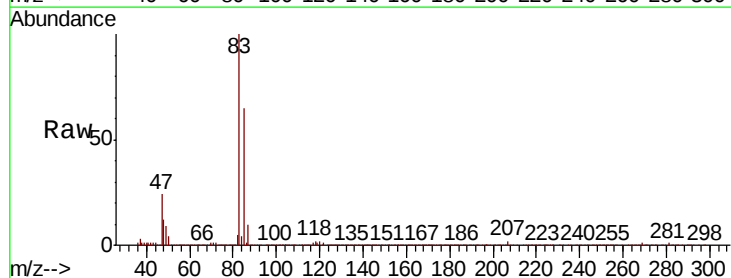
Acq: 23 Apr 2020 19:17

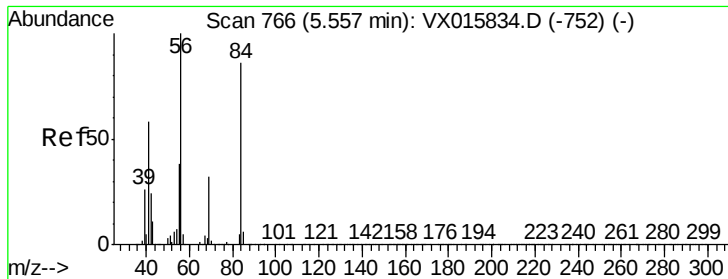
Tgt Ion: 83 Resp: 737521

Ion Ratio Lower Upper

83 100

85 64.5 53.4 80.0

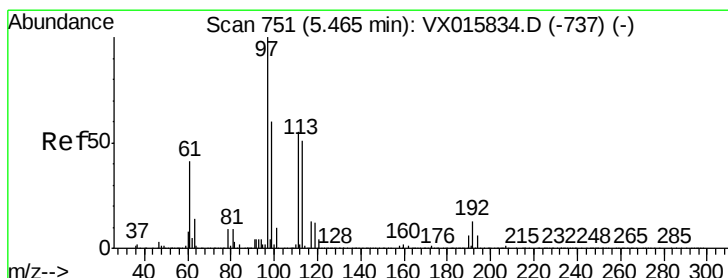
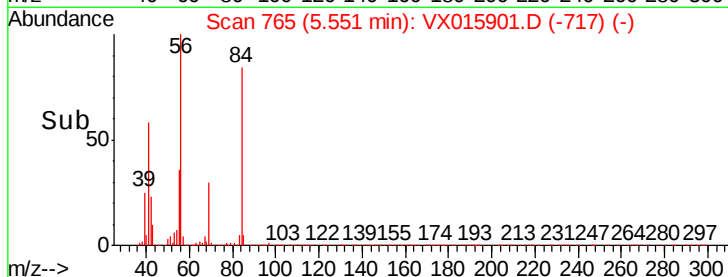
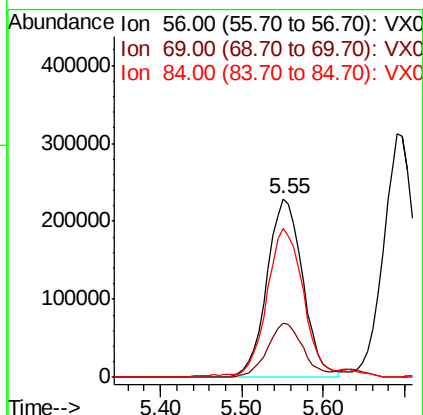
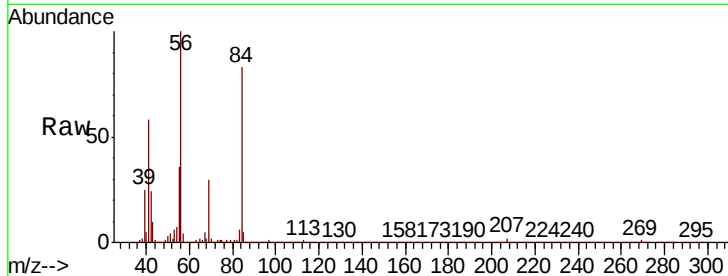




#31
Cyclohexane
Concen: 49.674 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

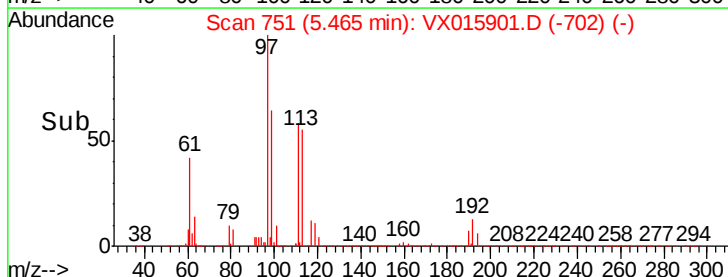
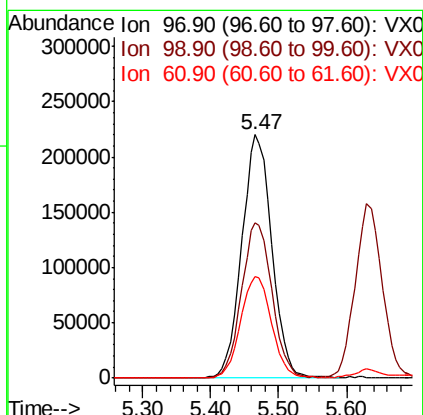
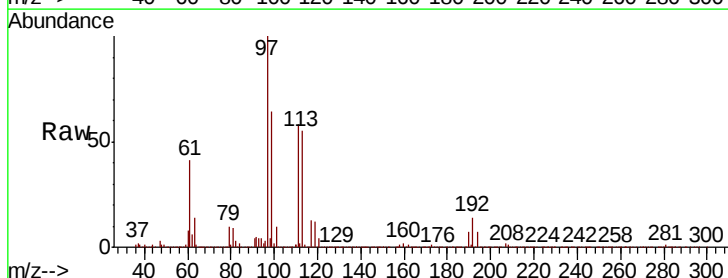
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

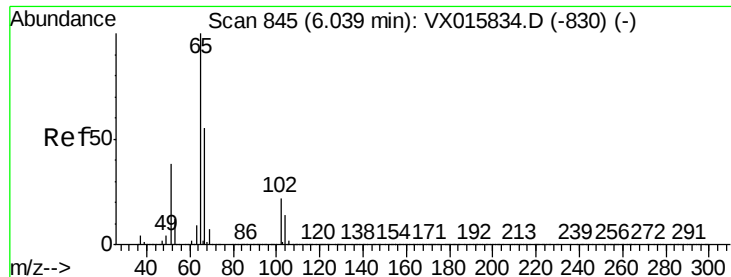
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.3	37.9
84	83.1	69.1	103.7



#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	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 :

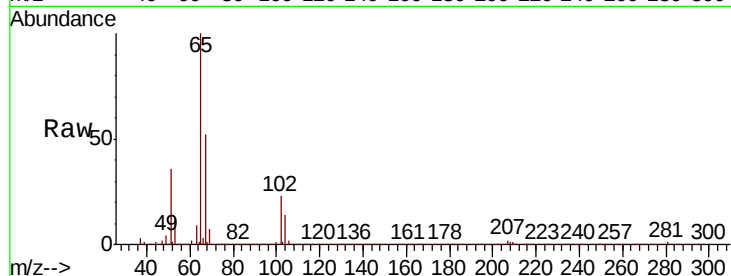
S73-0240MSD

Tot Ion: 65 Resp: 473564

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

200000

150000

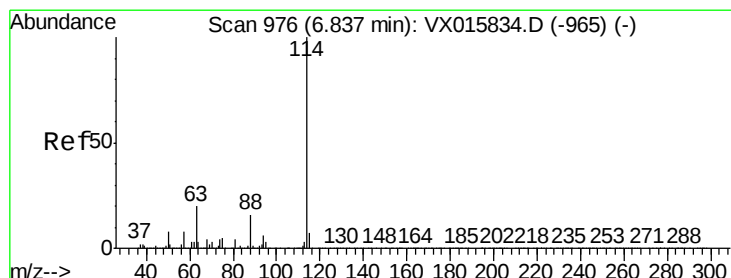
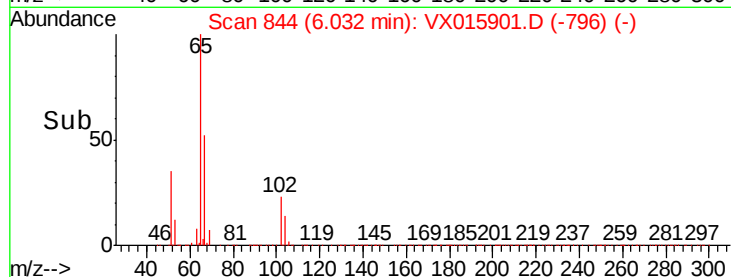
100000

50000

0

5.90 6.00 6.10

Time-->



#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

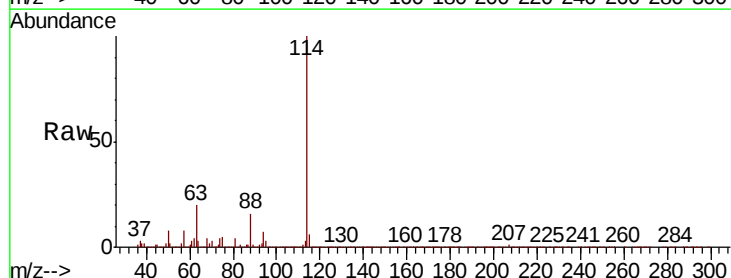
Tgt Ion: 114 Resp: 1296744

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

600000

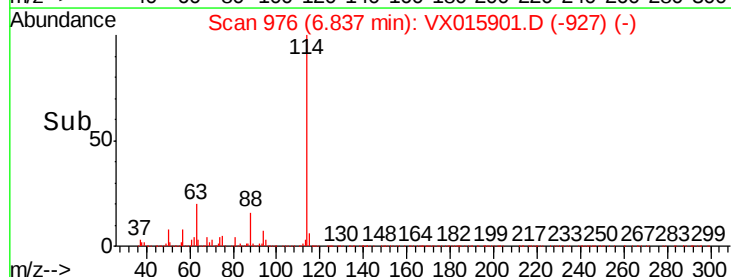
400000

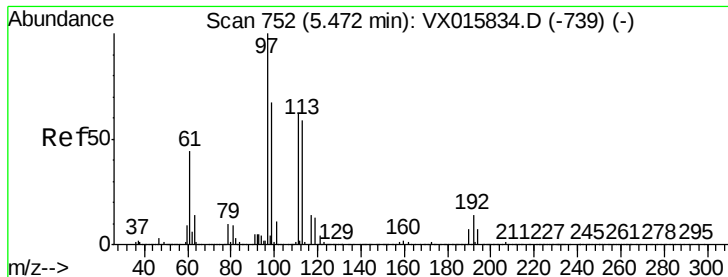
200000

0

6.70 6.80 6.90 7.00

Time-->

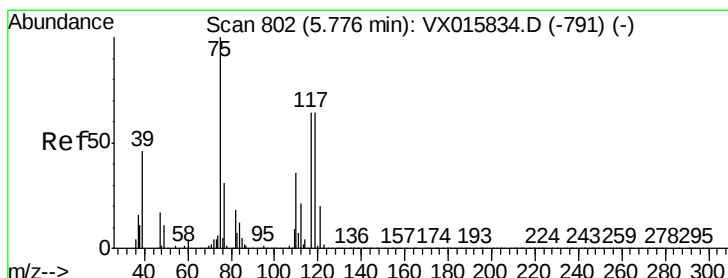
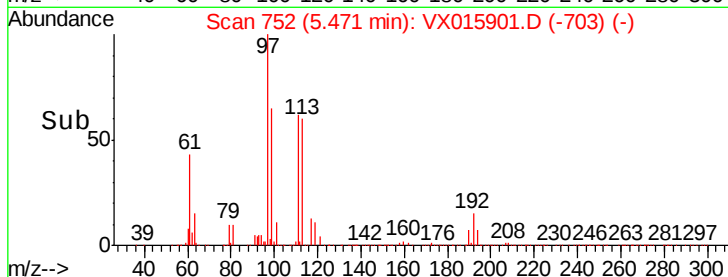
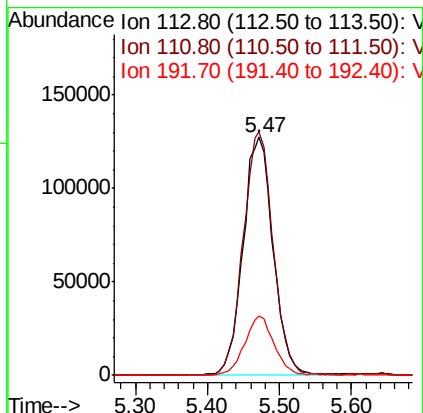
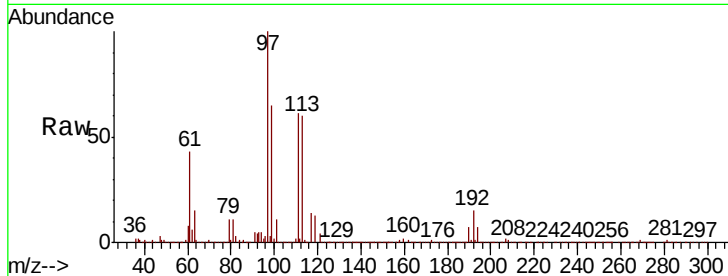




#35
 Dibromofluoromethane
 Concen: 49.205 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

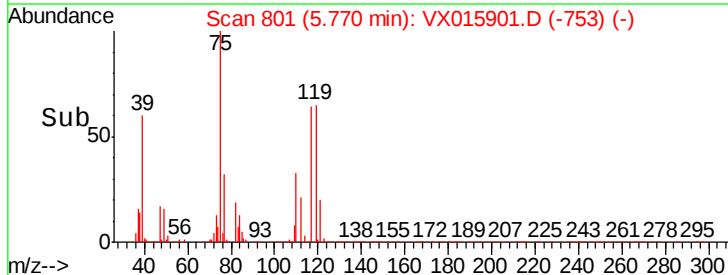
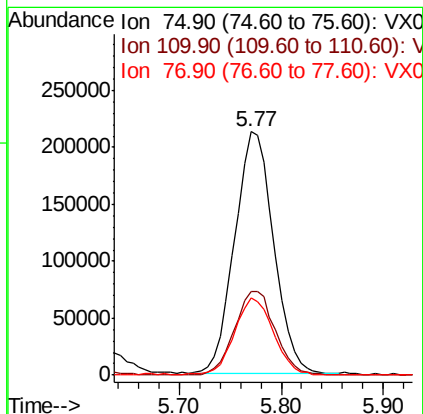
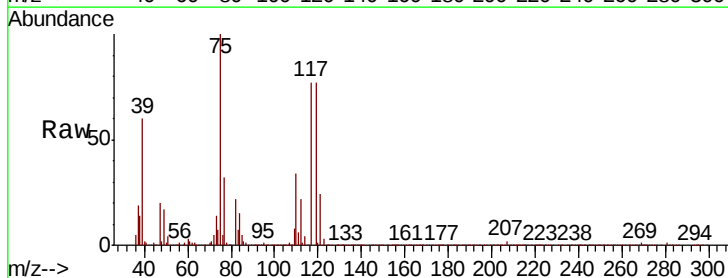
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

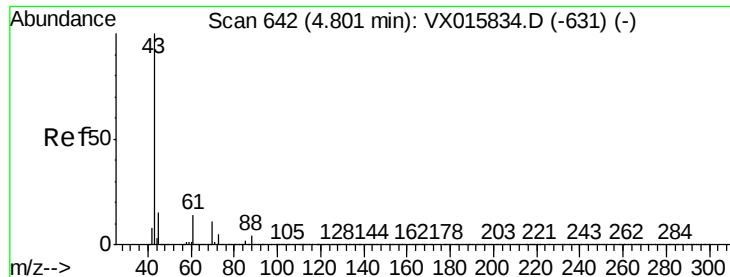
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.7	124.1
192	24.1	19.3	28.9



#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	Lower	Upper
75	100		
110	36.0	17.9	53.8
77	31.2	24.5	36.7

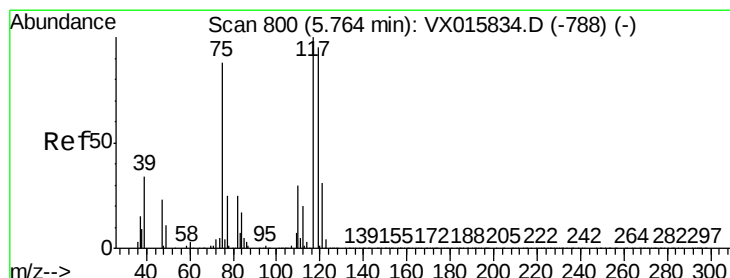
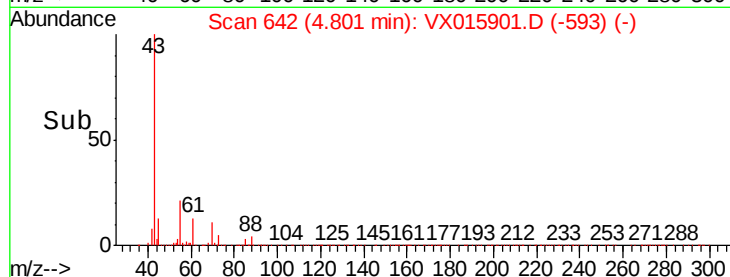
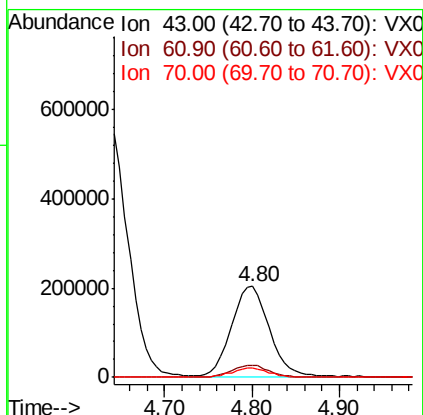
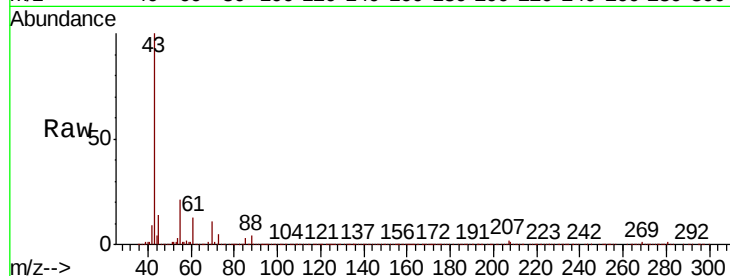




#37
Ethyl Acetate
Concen: 44.291 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

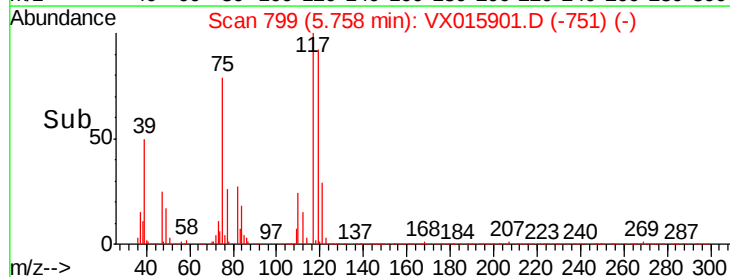
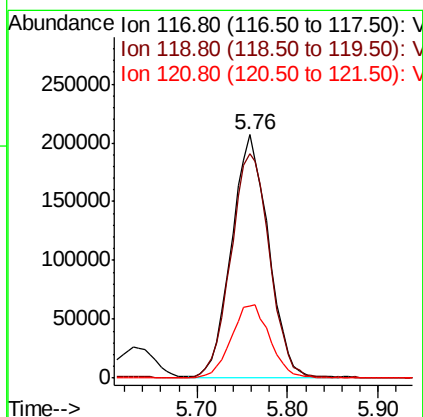
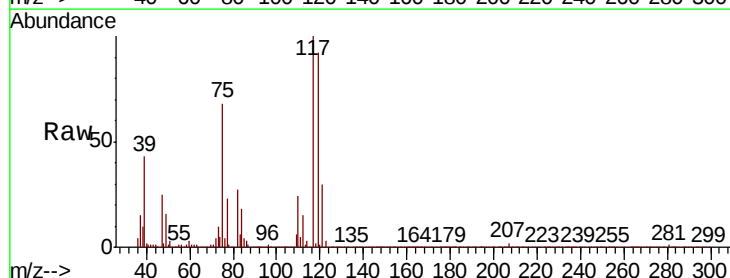
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

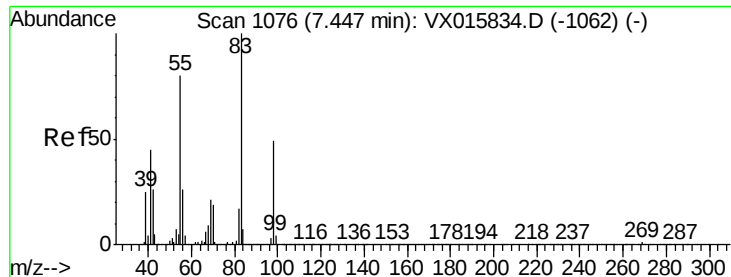
Tot Ion: 43 Resp: 605974
Ion Ratio Lower Upper
43 100
61 12.7 10.8 16.2
70 10.3 8.2 12.2



#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

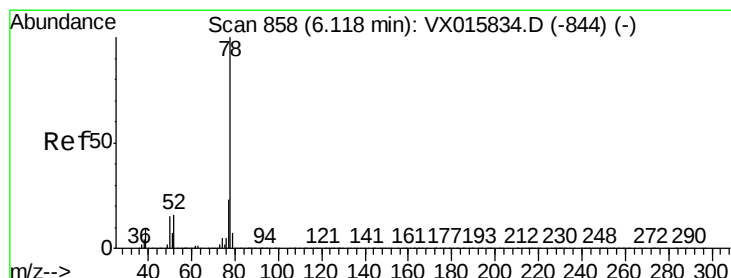
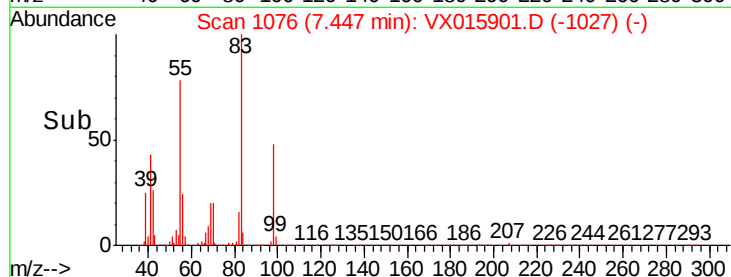
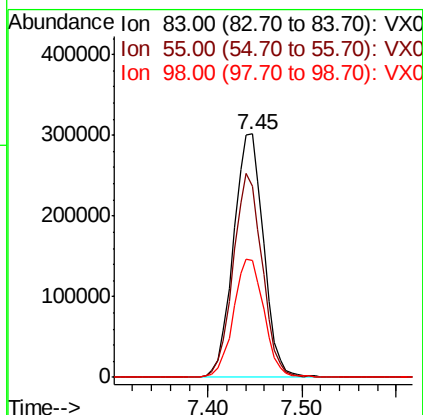
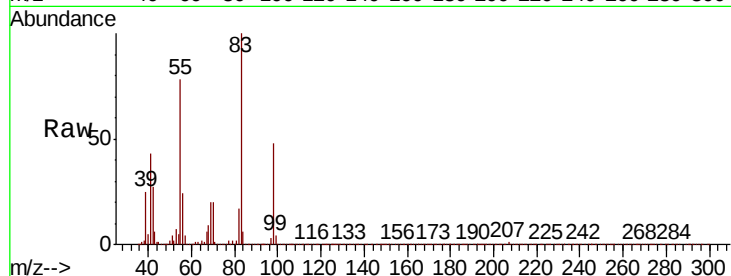




#39
Methvlcvclohexane
Concen: 46.219 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

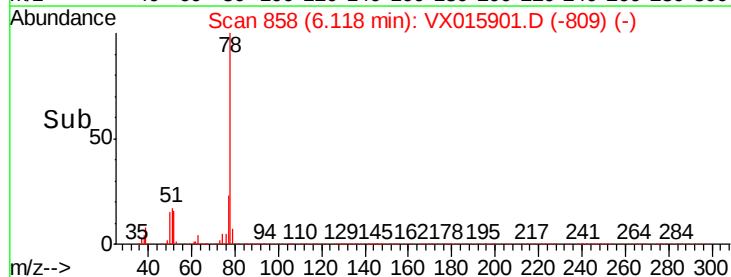
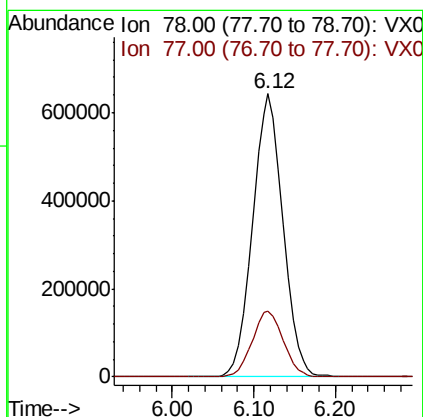
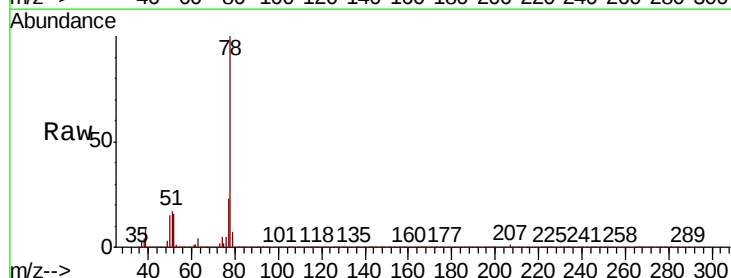
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

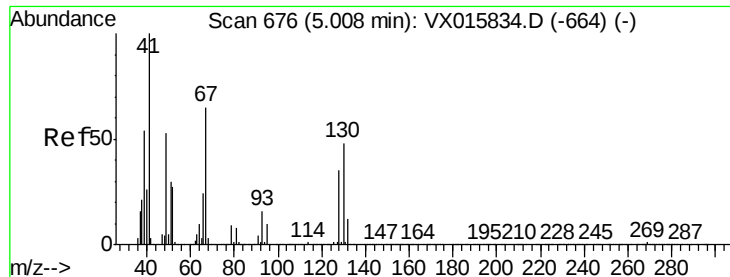
Tot Ion	83.00	Resp	672854
Ion	Ratio	Lower	Upper
83	100		
55	78.2	64.2	96.4
98	47.9	39.3	58.9



#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	78.00	Resp	1663918
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8

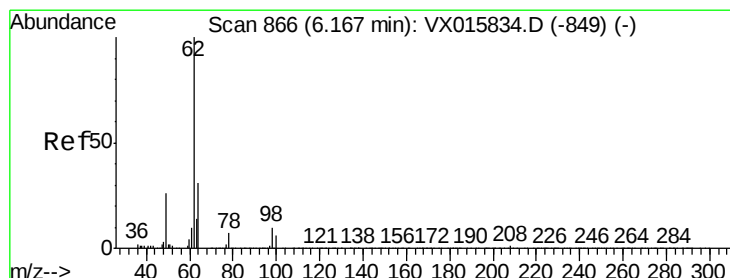
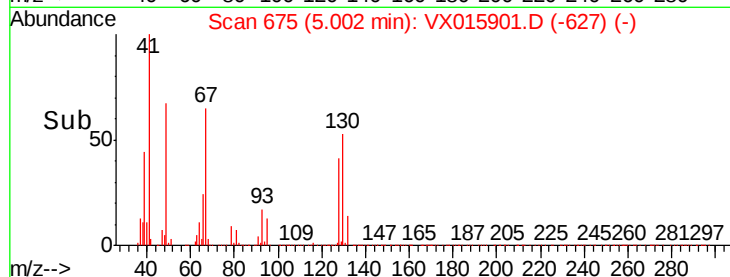
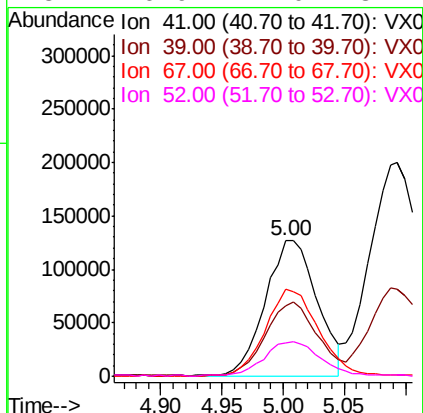
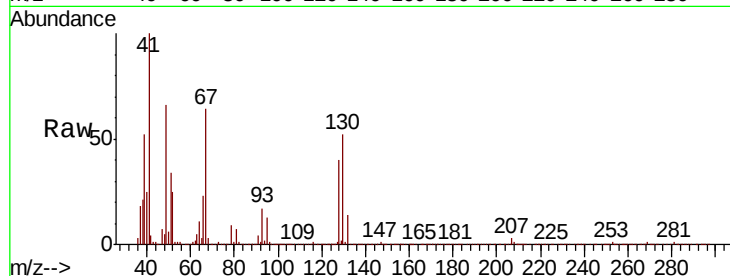




#41
Methacrylonitrile
Concen: 49.203 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

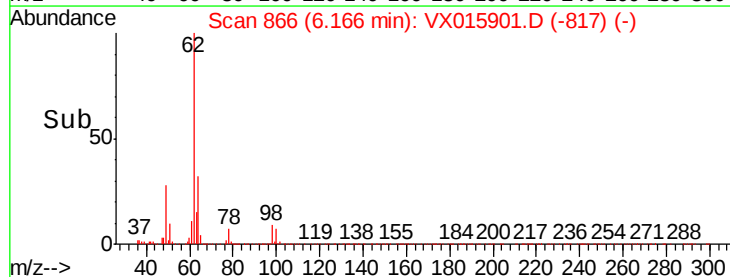
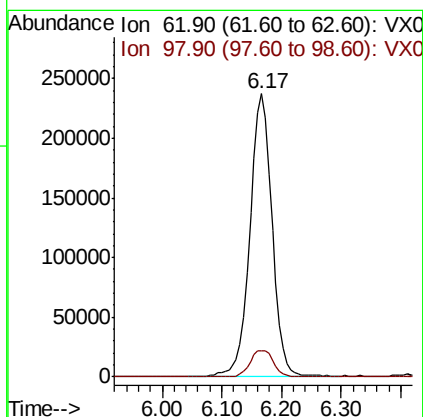
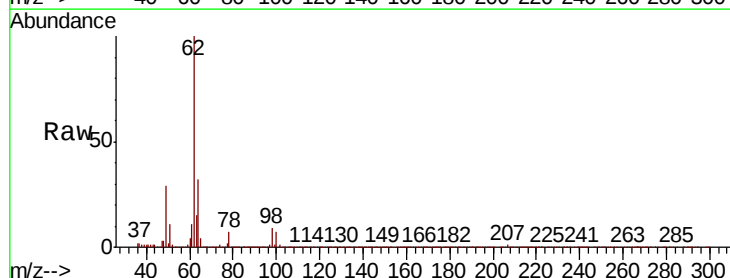
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

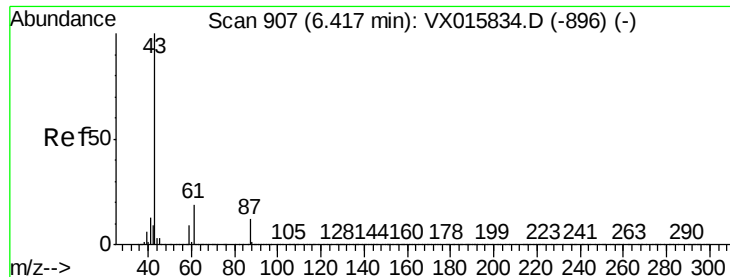
Tot Ion:	41	Resp:	374067
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.4	63.6
67	65.9	51.9	77.9
52	26.9	21.0	31.4



#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:	62	Resp:	613959
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0



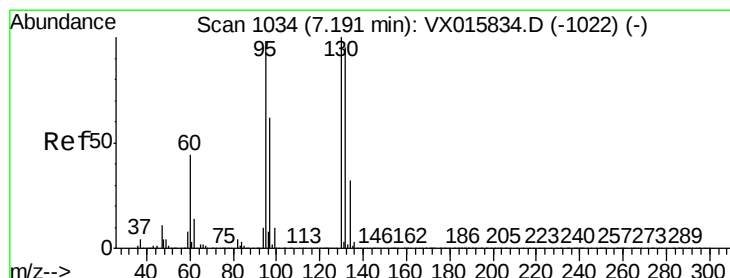
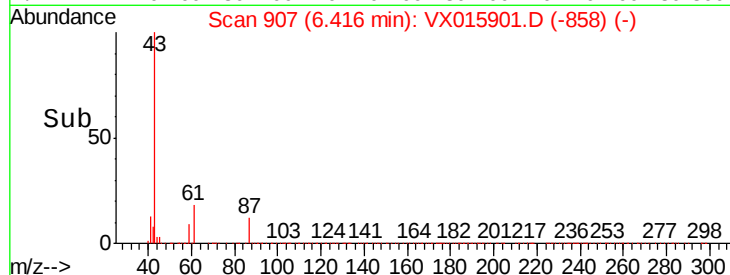
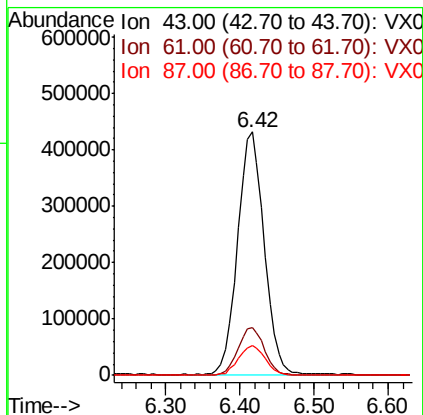
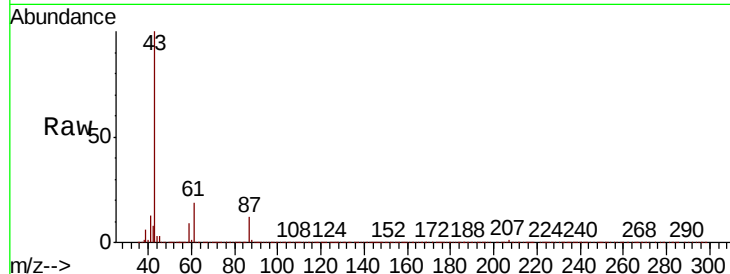


#43

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

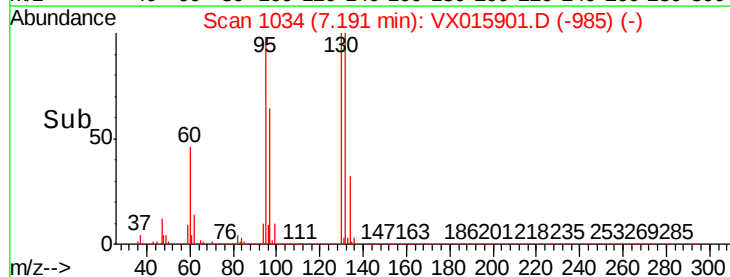
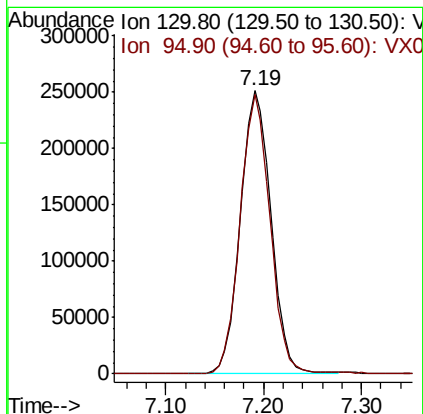
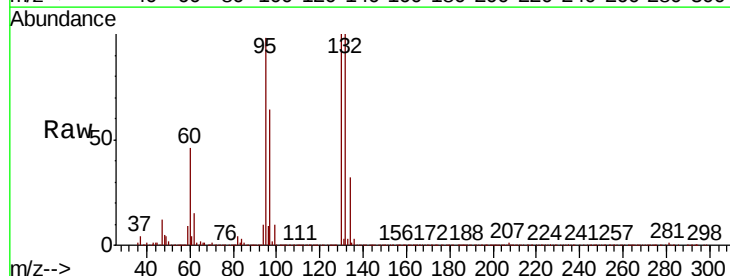
Tot Ion: 43 Resp: 1076847
 Ion Ratio Lower Upper
 43 100
 61 19.3 15.4 23.2
 87 12.5 9.8 14.6

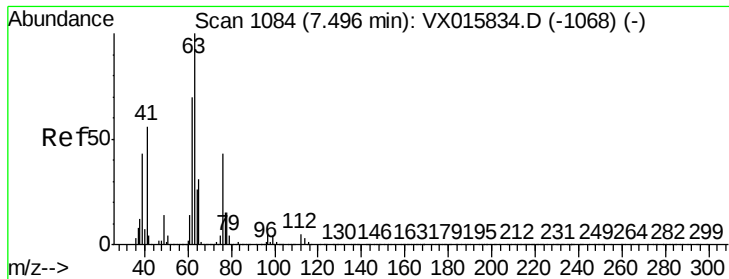


#44

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: 130 Resp: 546992
 Ion Ratio Lower Upper
 130 100
 95 98.7 0.0 195.8

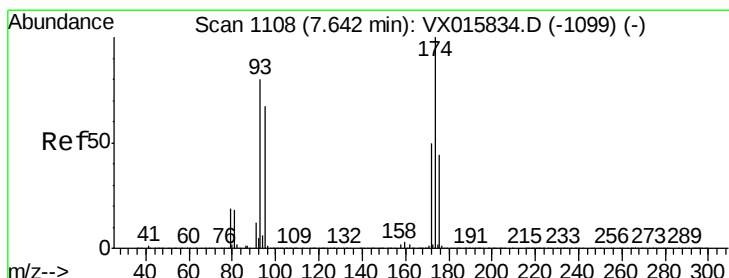
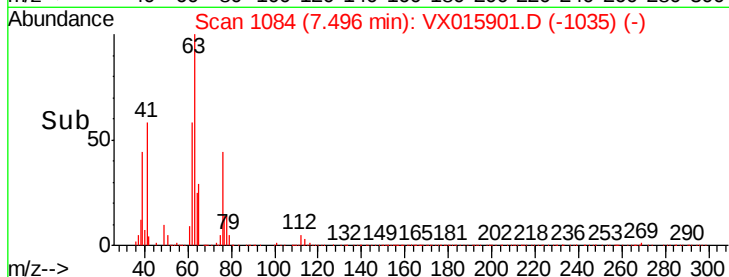
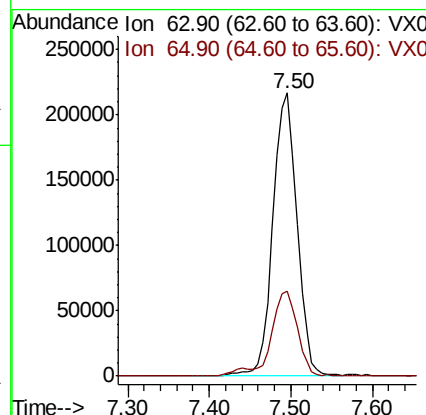
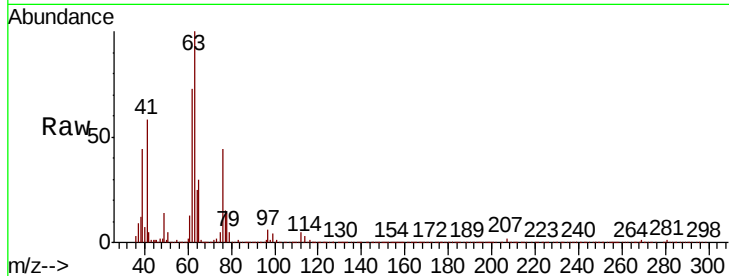




#45
 1,2-Dichloropropane
 Concen: 48.734 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

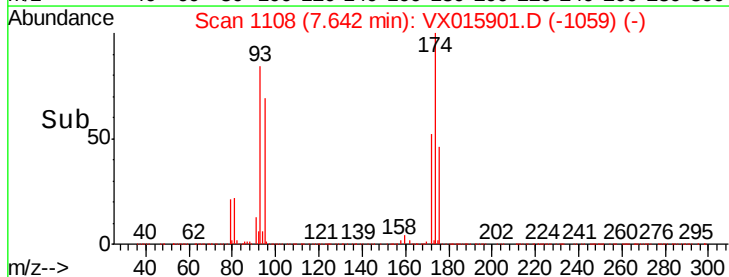
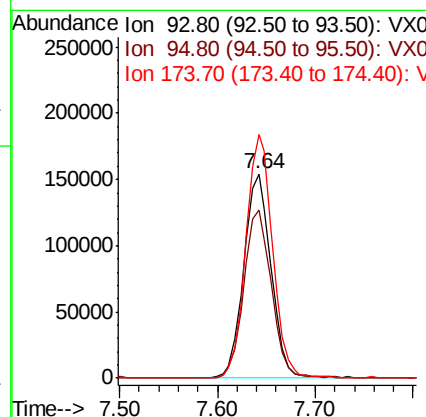
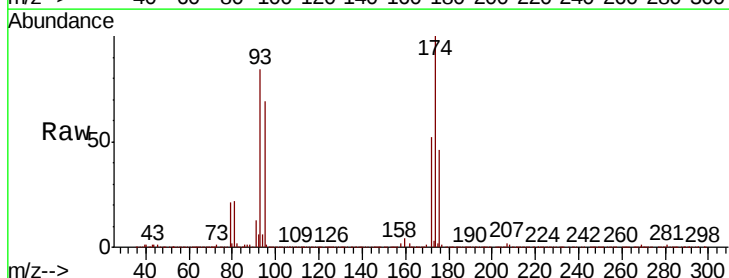
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

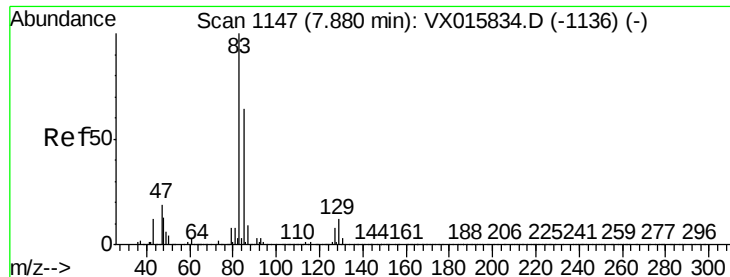
Tot Ion: 63 Resp: 442201
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.5 36.7



#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: 93 Resp: 296748
 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

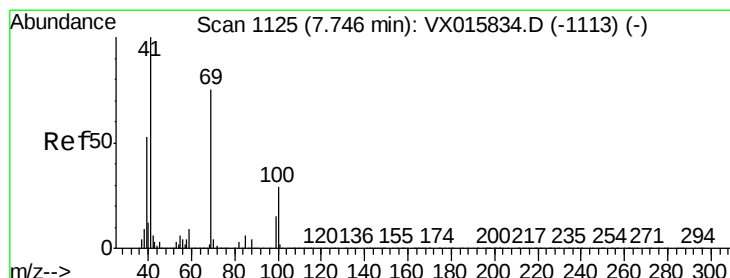
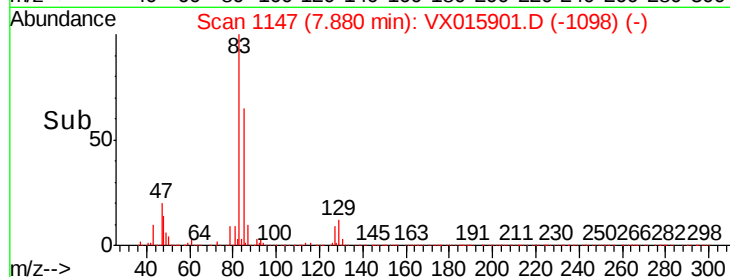
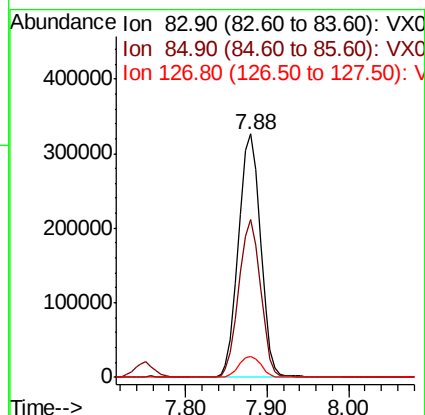
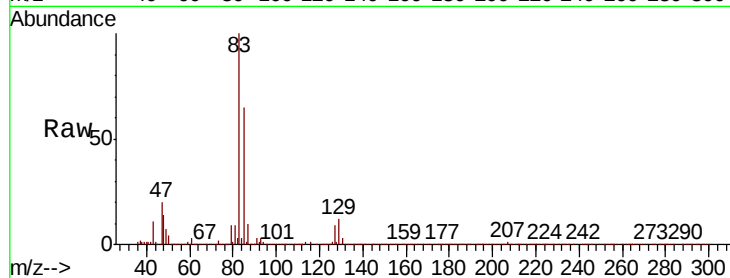
Tot Ion: 83 Resp: 605527

Ion Ratio Lower Upper

83 100

85 64.5 50.8 76.2

127 8.6 6.6 10.0



#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

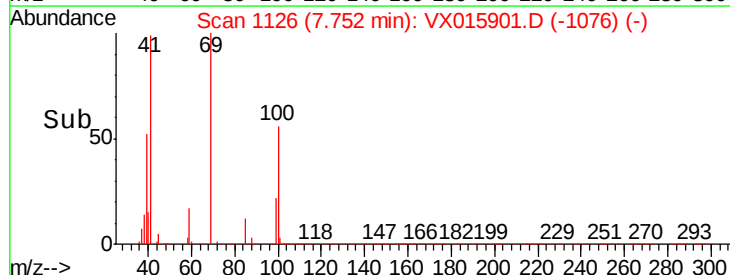
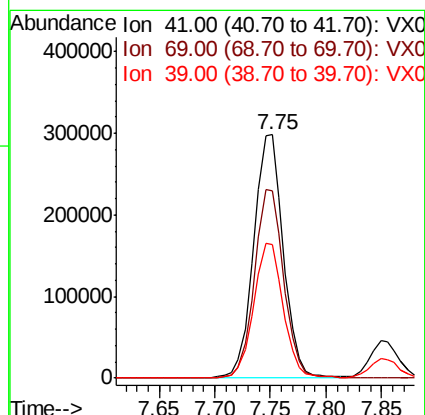
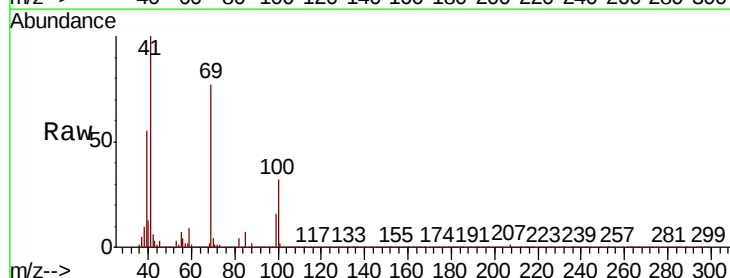
Tgt Ion: 41 Resp: 552300

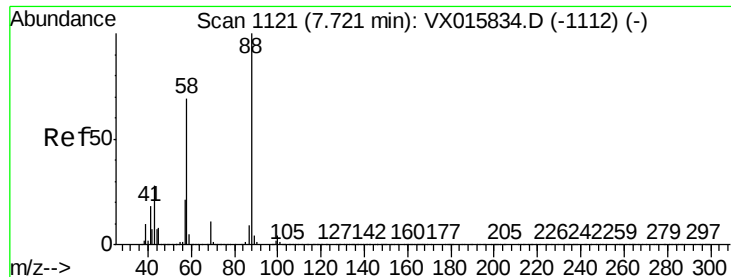
Ion Ratio Lower Upper

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 :

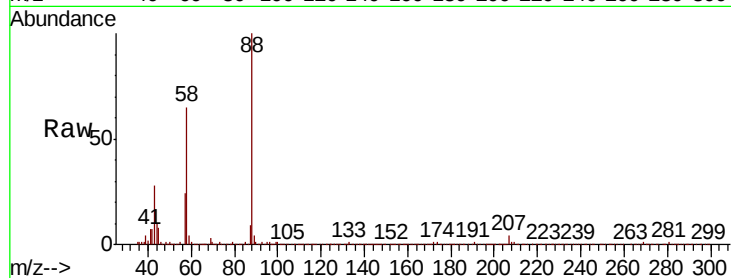
MSVOA_X

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

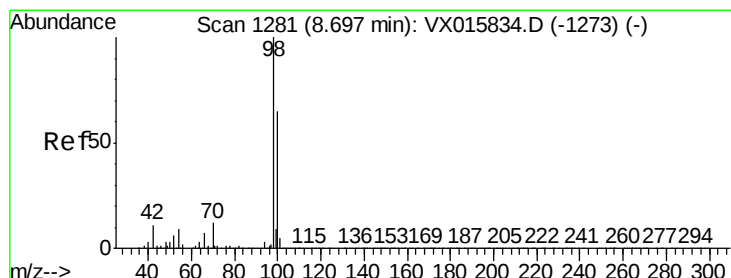
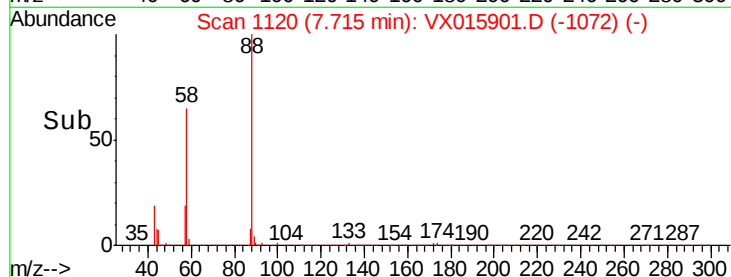
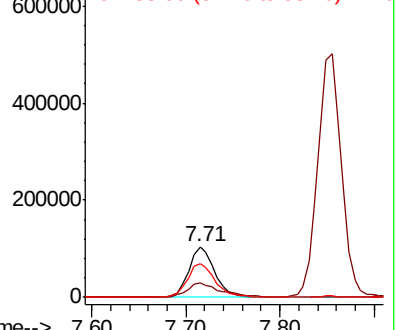


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.980 ug/l

RT: 8.70 min Scan# 1281

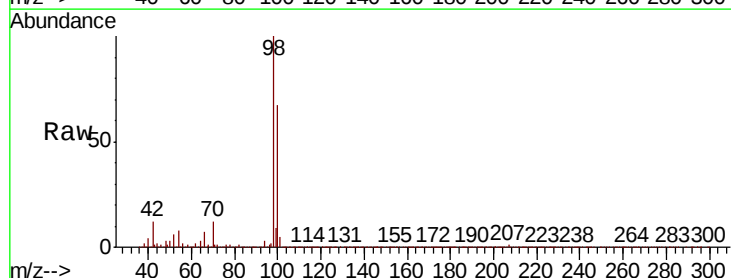
Delta R.T. -0.00 min

Lab File: VX015901.D

Acq: 23 Apr 2020 19:17

Tgt Ion: 98 Resp: 1445743

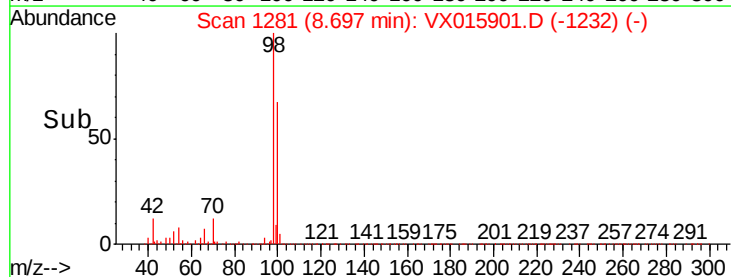
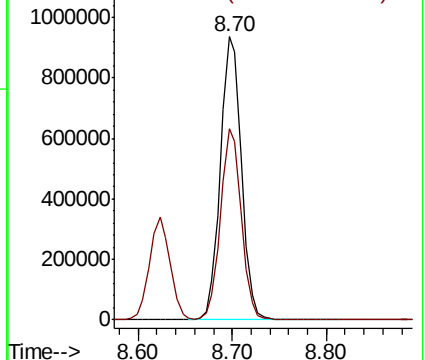
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6

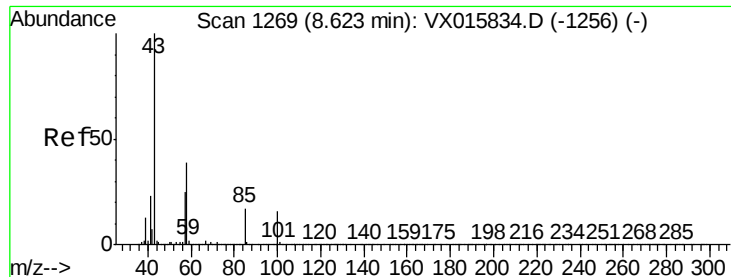


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

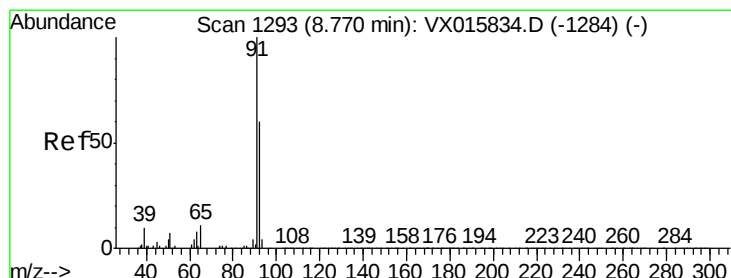
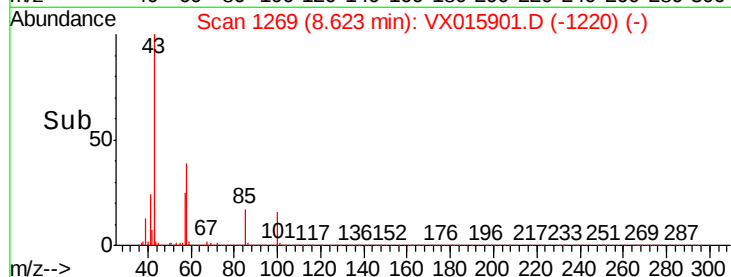
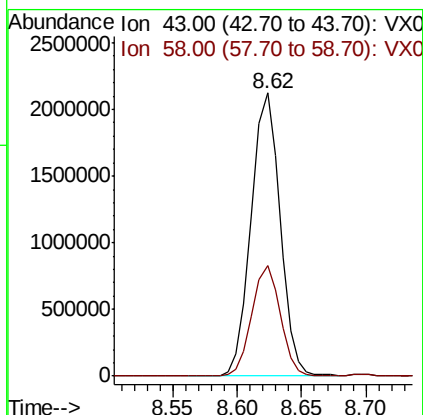
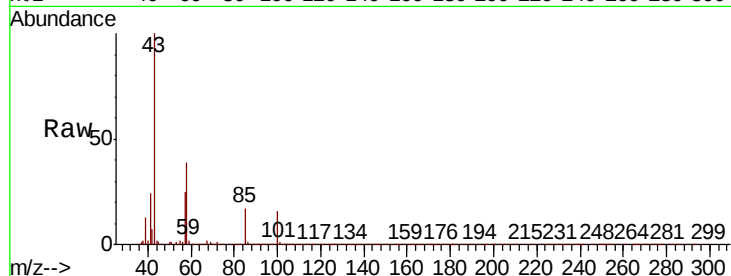




#51
4-Methyl-2-Pentanone
Concen: 247.459 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

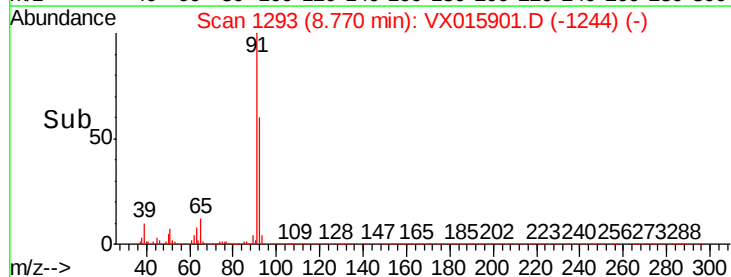
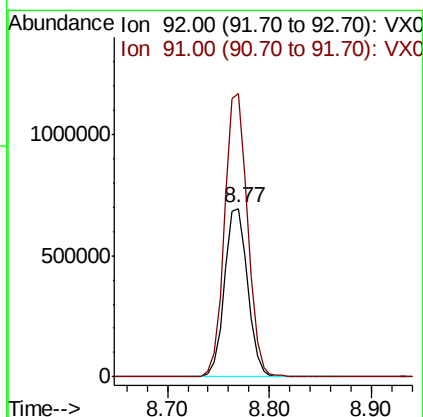
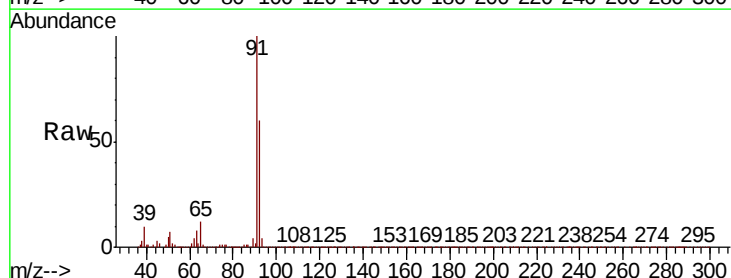
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

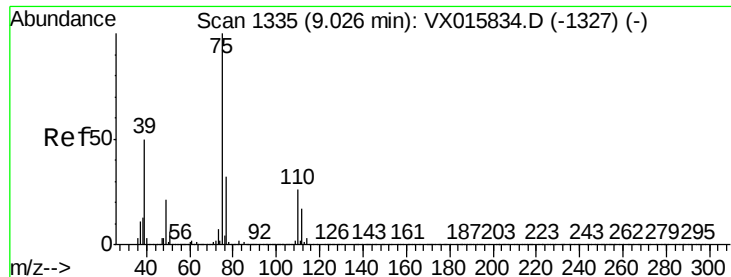
Tot Ion: 43 Resp: 3296445
Ion Ratio Lower Upper
43 100
58 38.5 30.6 45.8



#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

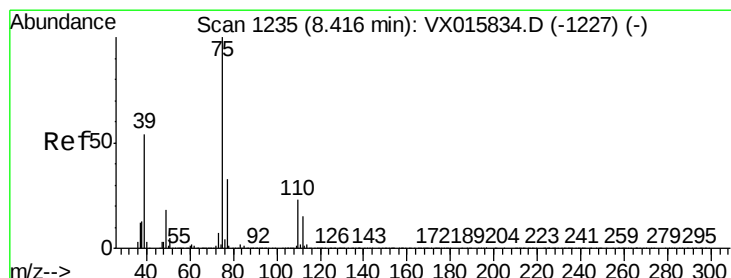
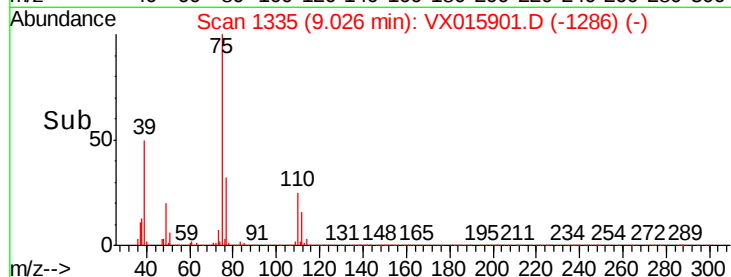
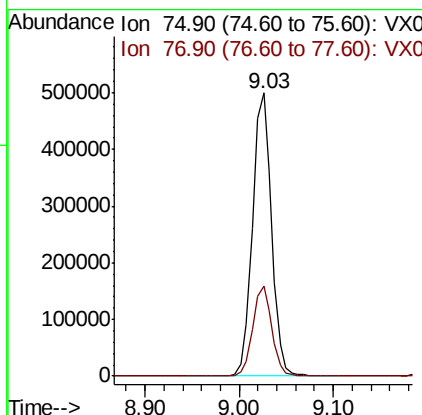
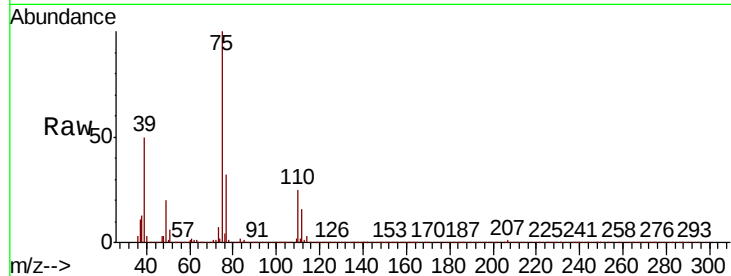




#53
t-1,3-Dichloropropene
Concen: 48.629 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

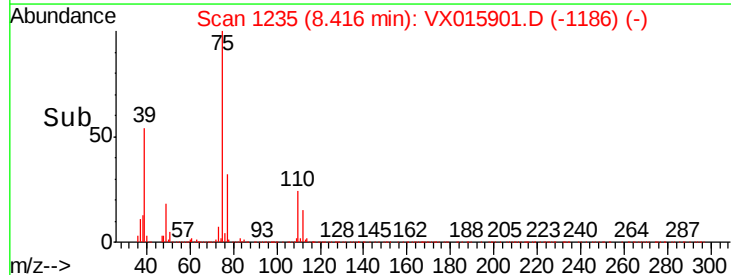
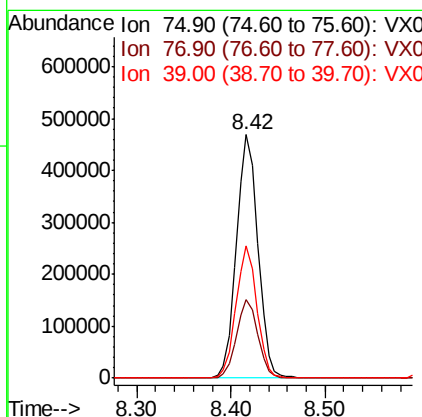
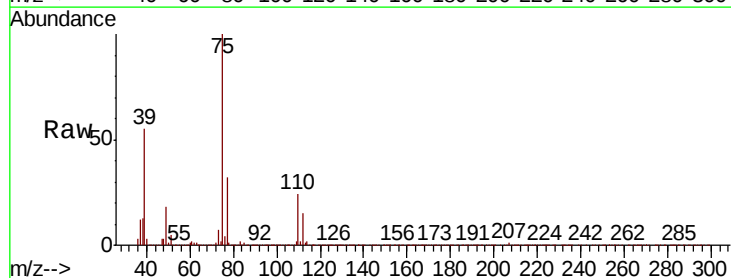
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

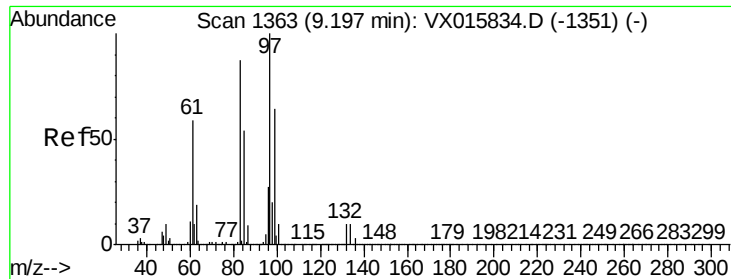
Tot Ion: 75 Resp: 710985
Ion Ratio Lower Upper
75 100
77 31.6 25.9 38.9



#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: 75 Resp: 742539
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
39 54.5 42.8 64.2

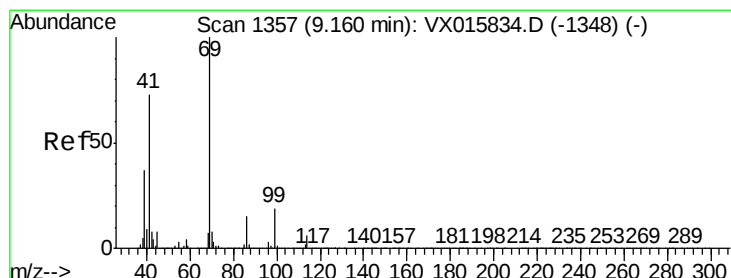
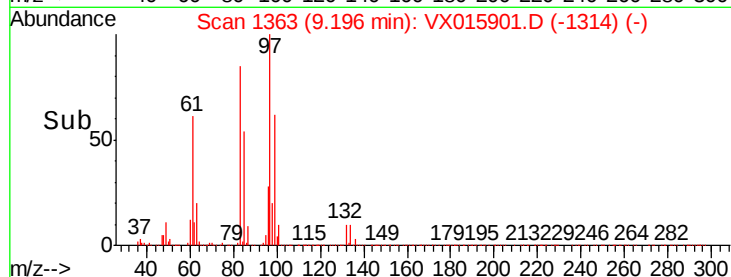
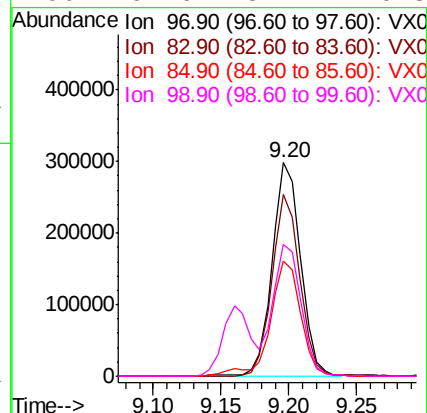
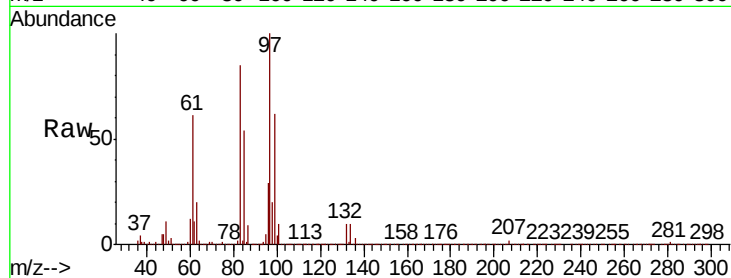




#55
 1,1,2-Trichloroethane
 Concen: 50.566 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

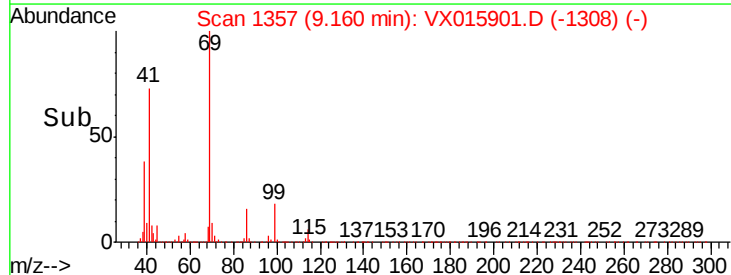
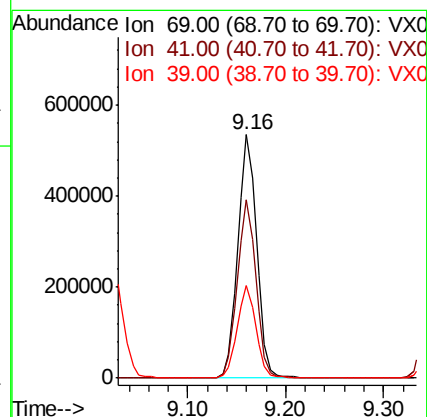
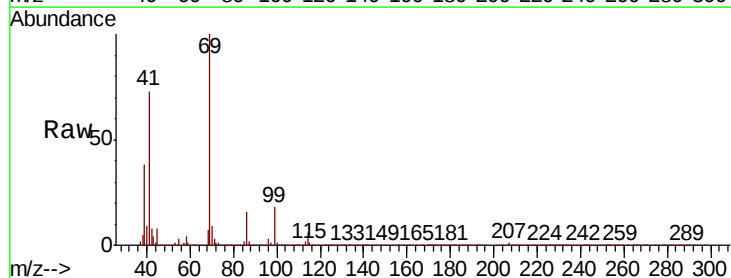
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

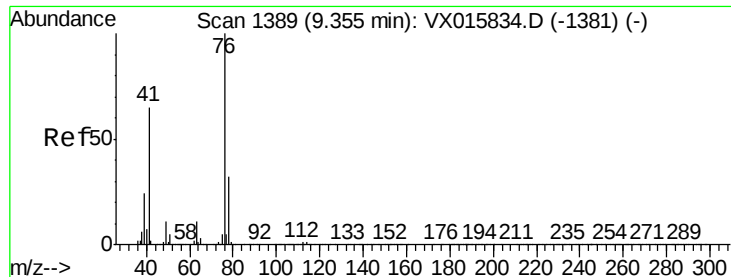
Tot Ion:	97	Resp:	438201
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.8	104.8
85	54.0	43.4	65.2
99	61.6	51.2	76.8



#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:	69	Resp:	716624
Ion	Ratio	Lower	Upper
69	100		
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 :

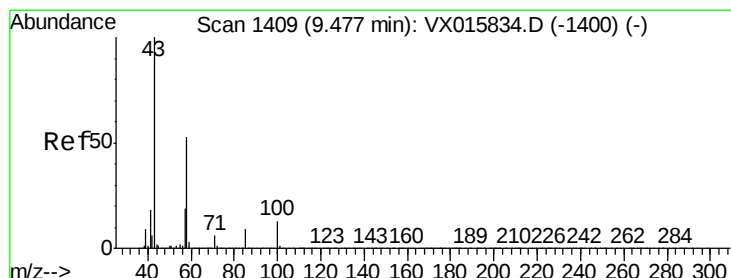
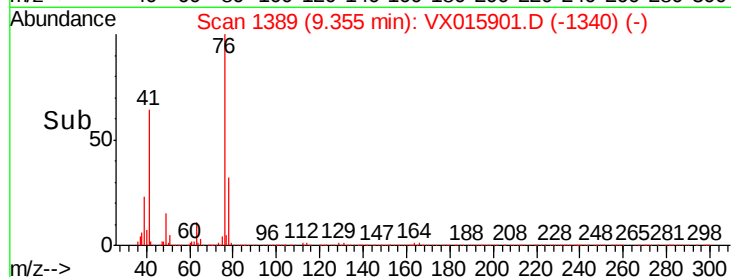
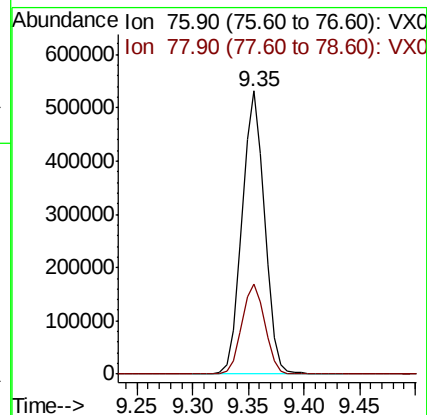
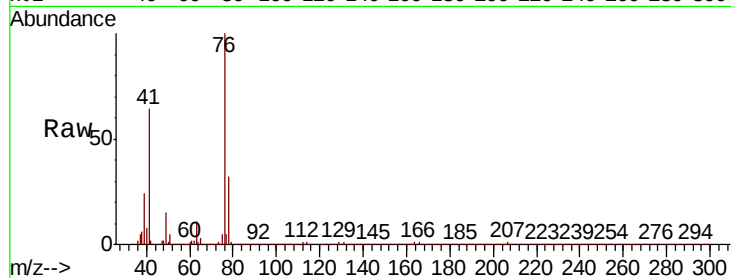
S73-0240MSD

Tot Ion: 76 Resp: 744582

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.2



#59

2-Hexanone

Concen: 247.165 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015901.D

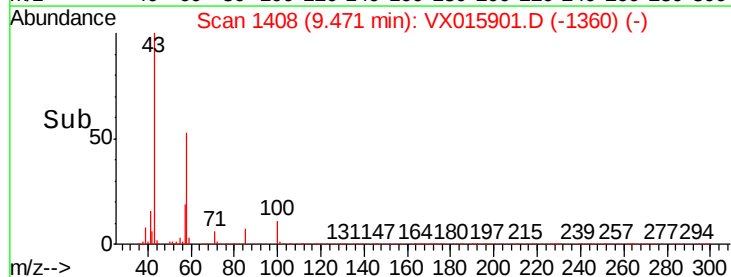
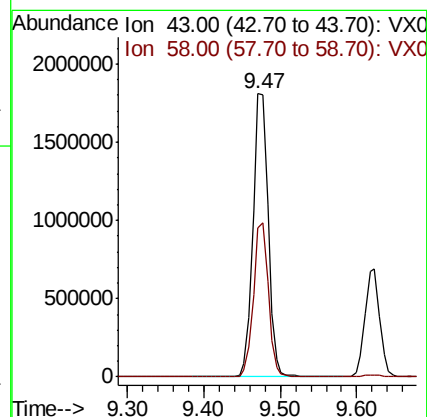
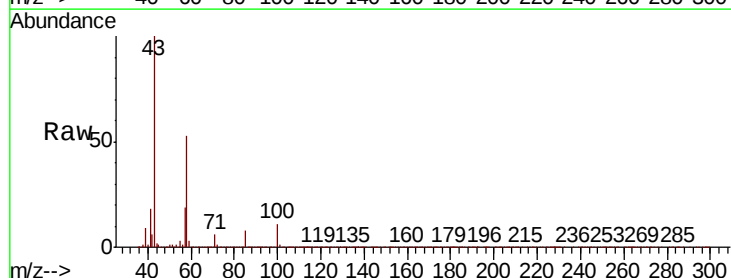
Acq: 23 Apr 2020 19:17

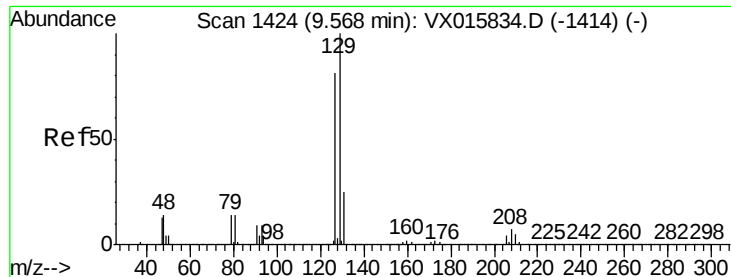
Tgt Ion: 43 Resp: 2508281

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 :

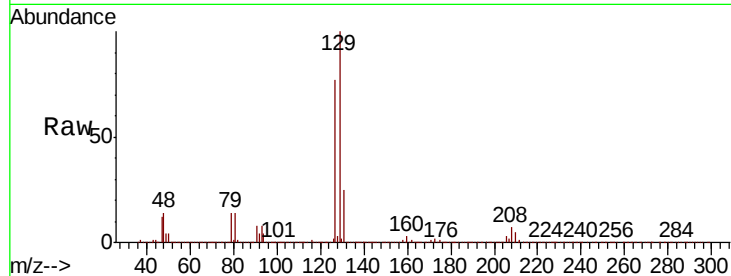
S73-0240MSD

Tot Ion:129 Resp: 493610

Ion Ratio Lower Upper

129 100

127 77.1 40.0 120.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

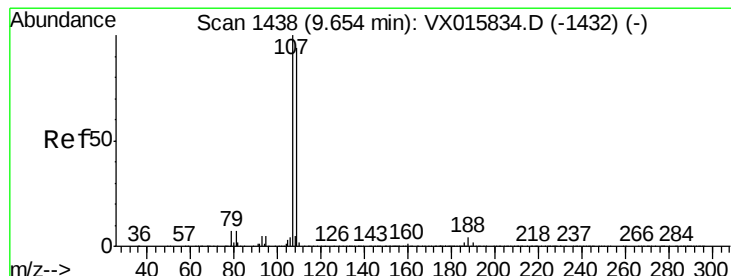
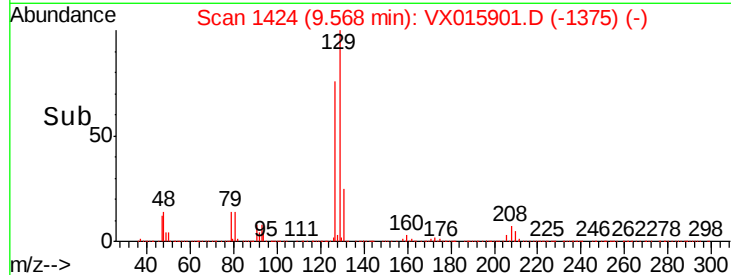
300000

200000

100000

0

Time-->



#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

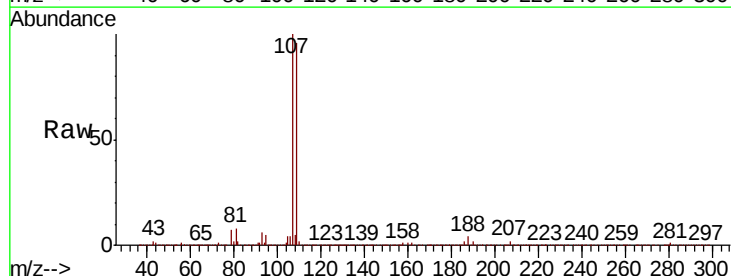
Acq: 23 Apr 2020 19:17

Tgt Ion:107 Resp: 468210

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

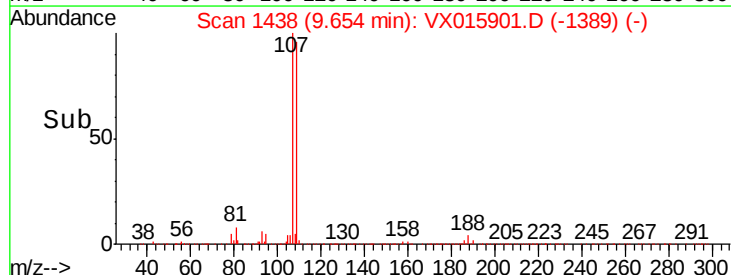
300000

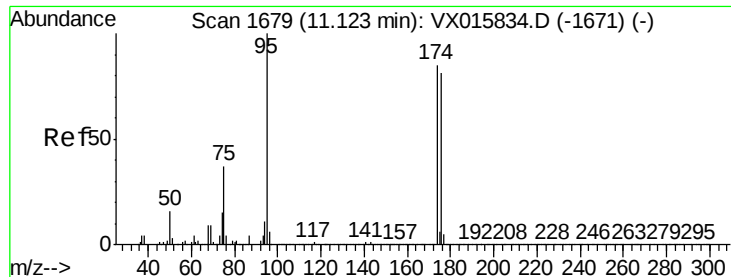
200000

100000

0

Time-->





#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

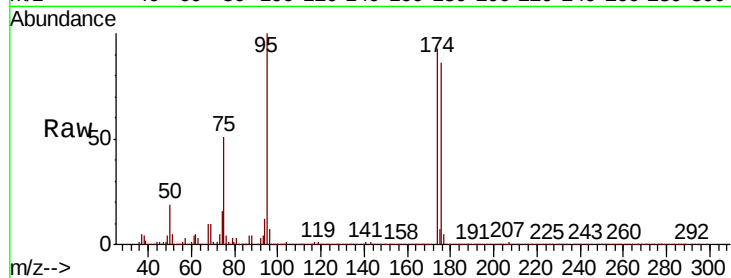
Tot Ion: 95 Resp: 582827

Ion Ratio Lower Upper

95 100

174 90.9 0.0 172.4

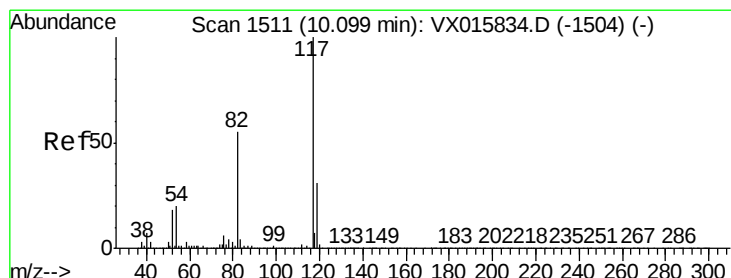
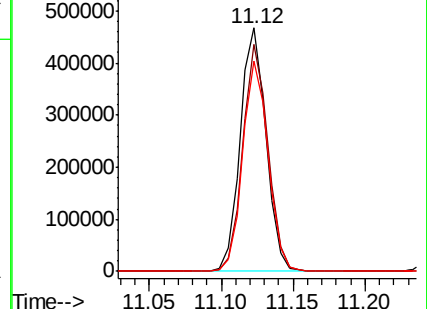
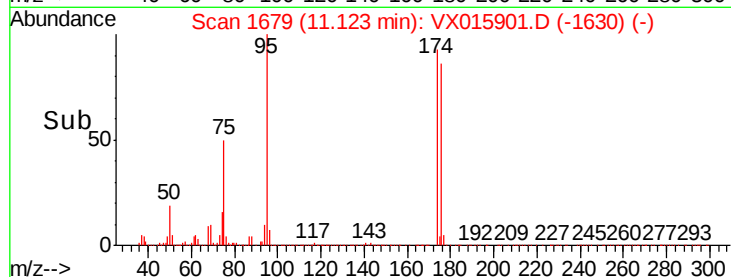
176 85.2 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX015901.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015901.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015901.D (-1630) (-)



#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

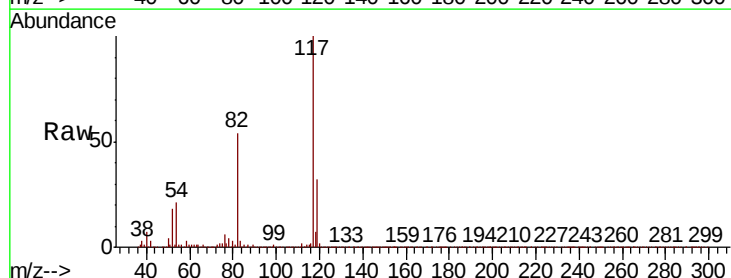
Tgt Ion: 117 Resp: 1231307

Ion Ratio Lower Upper

117 100

82 53.7 43.9 65.9

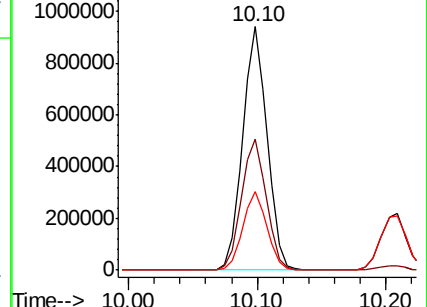
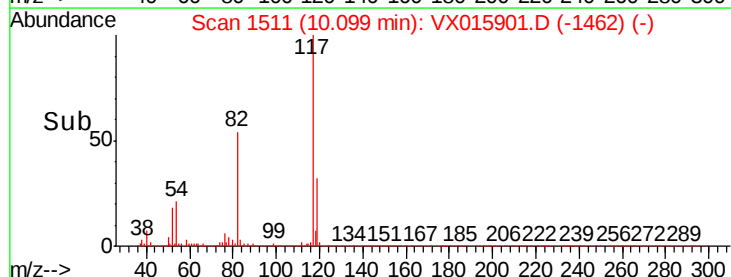
119 32.2 25.1 37.7

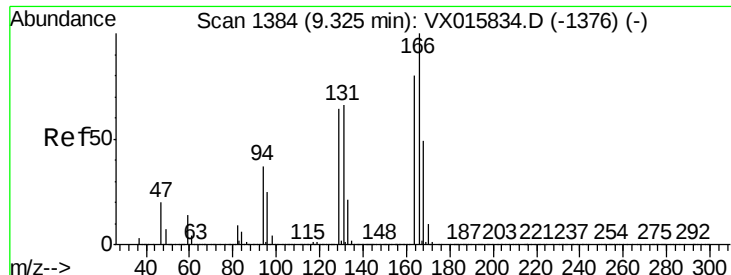


Abundance Ion 116.90 (116.60 to 117.60): VX015901.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015901.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015901.D (-1462) (-)





#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:164 Resp: 704813

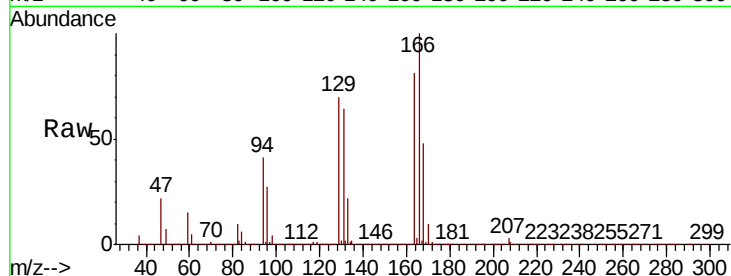
Ion Ratio Lower Upper

164 100

166 124.0 100.2 150.2

129 87.2 64.5 96.7

131 79.8 65.9 98.9

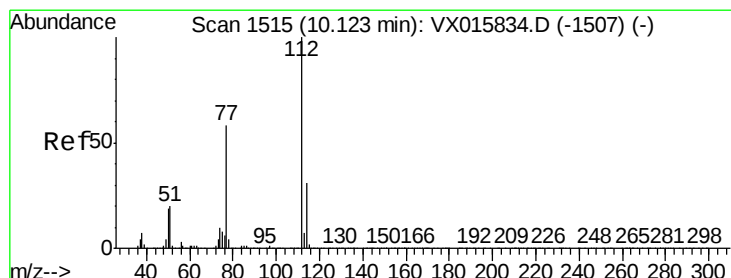
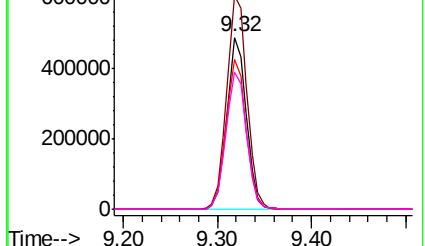
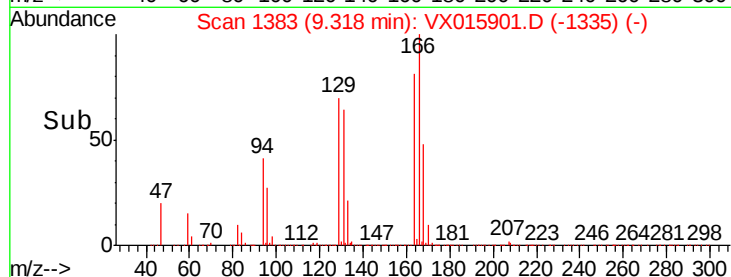


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.938 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015901.D

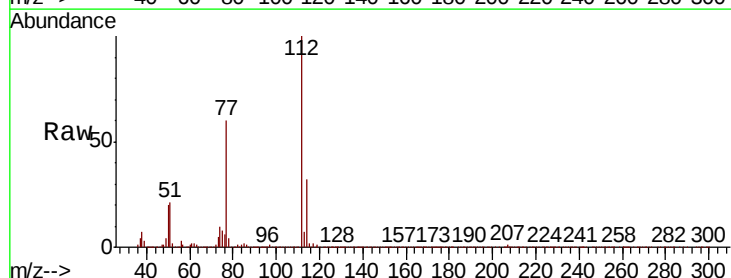
Acq: 23 Apr 2020 19:17

Tgt Ion:112 Resp: 1180329

Ion Ratio Lower Upper

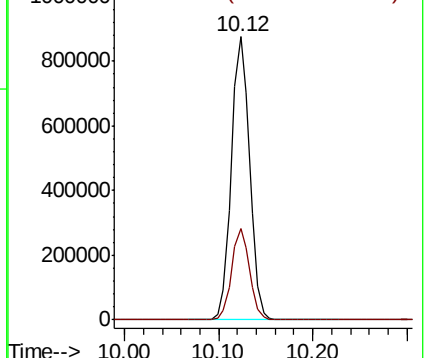
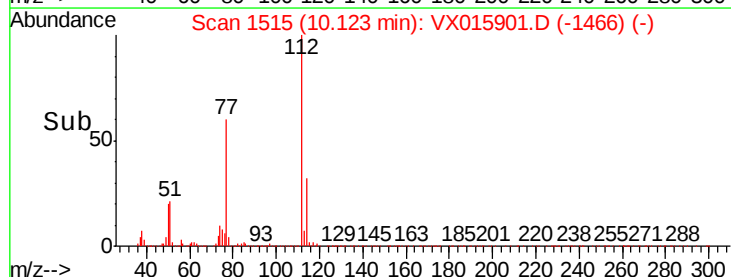
112 100

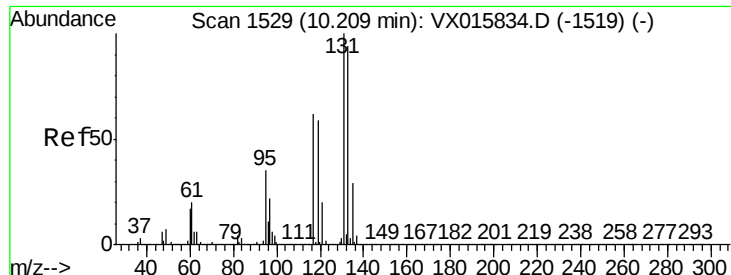
114 32.2 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

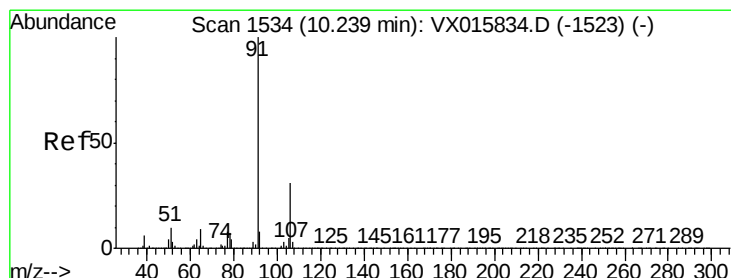
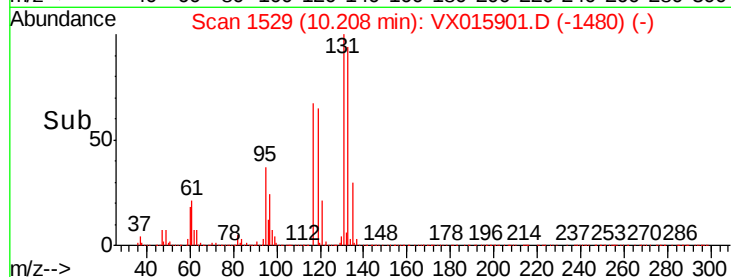
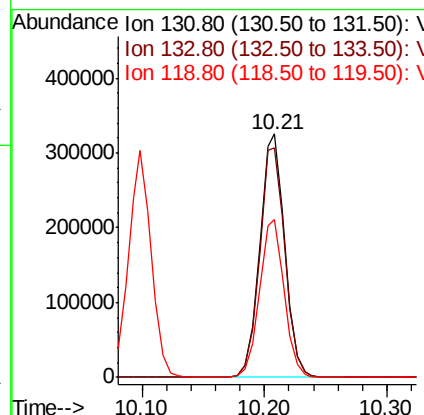
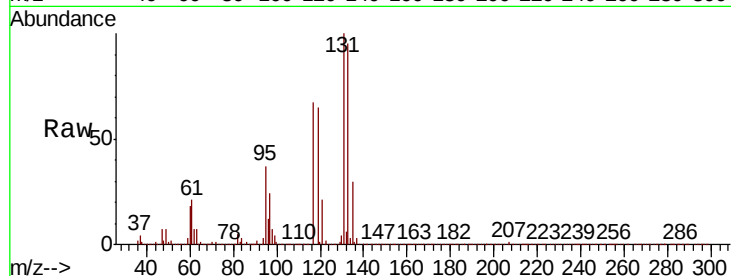




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.142 ug/l
 RT: 10.21 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

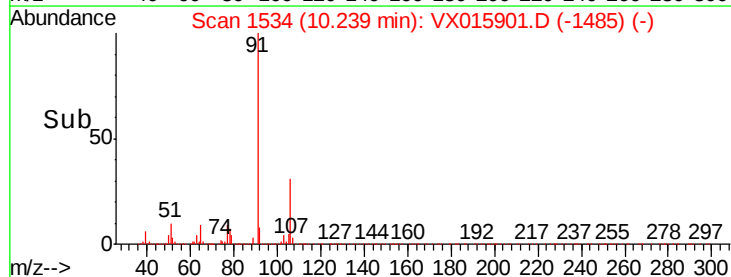
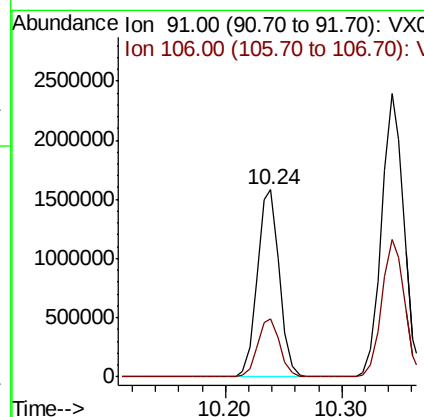
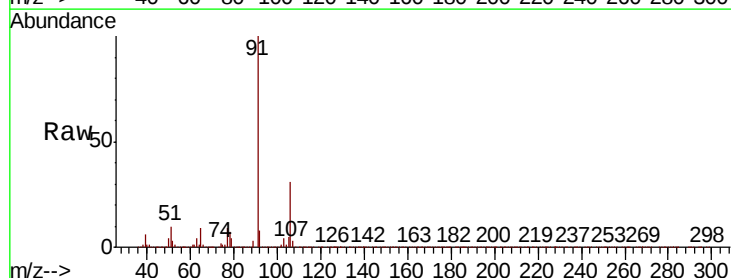
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

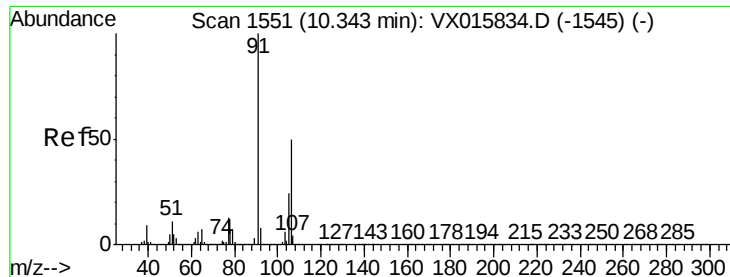
Tot Ion:131 Resp: 461497
 Ion Ratio Lower Upper
 131 100
 133 95.8 47.0 141.2
 119 63.9 30.9 92.8



#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 :

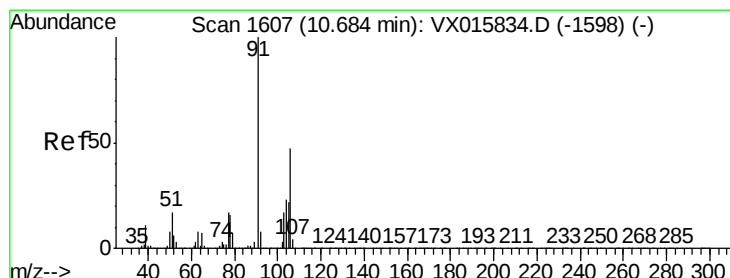
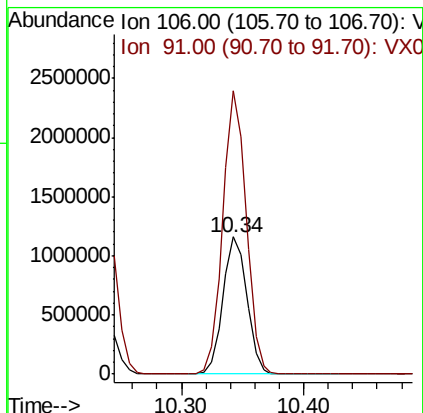
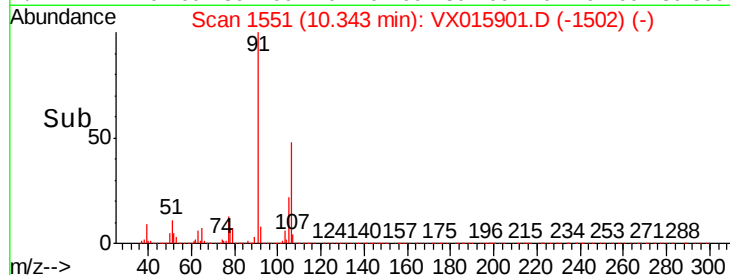
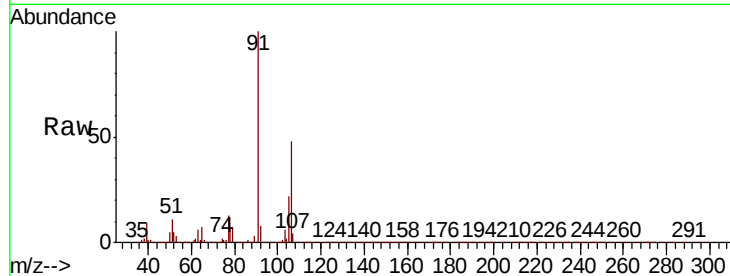
S73-0240MSD

Tot Ion:106 Resp: 1572379

Ion Ratio Lower Upper

106 100

91 202.2 161.1 241.7



#69

o-Xylene

Concen: 48.204 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015901.D

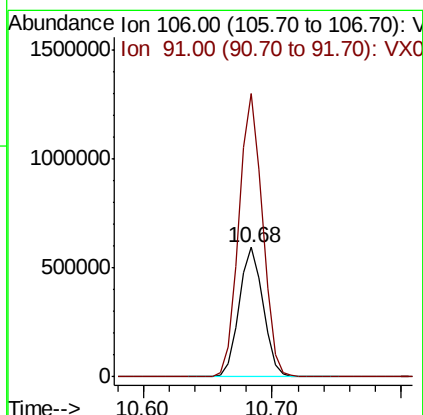
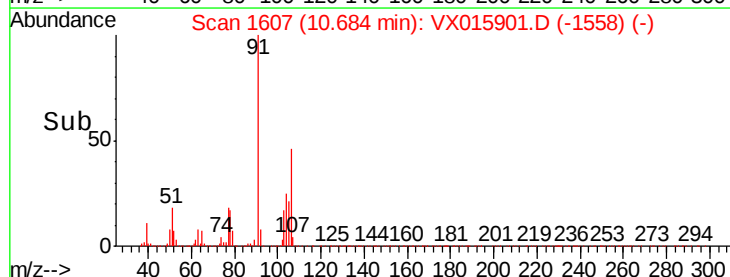
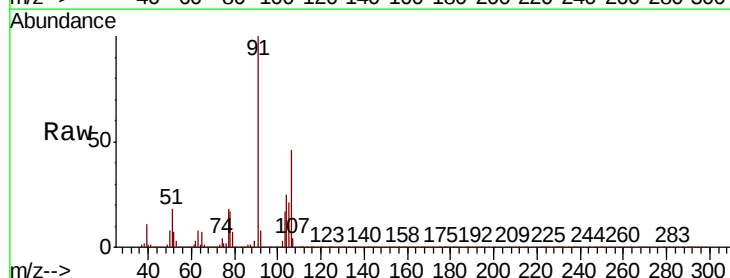
Acq: 23 Apr 2020 19:17

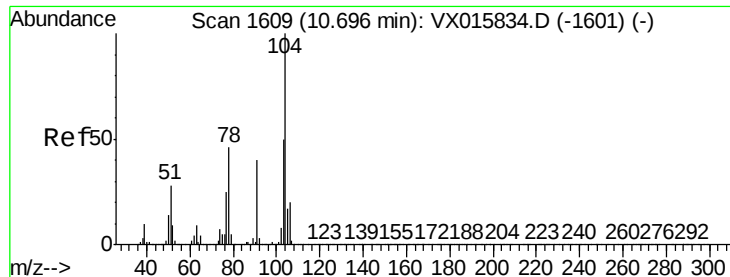
Tgt Ion:106 Resp: 769860

Ion Ratio Lower Upper

106 100

91 214.9 107.1 321.3

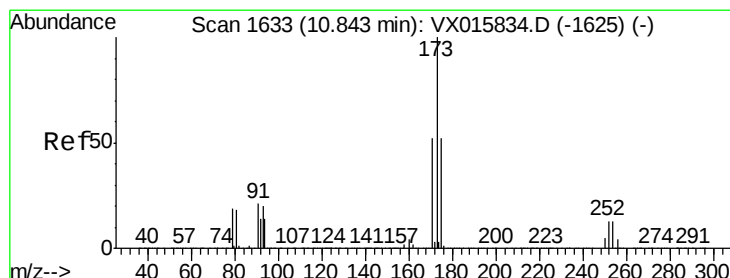
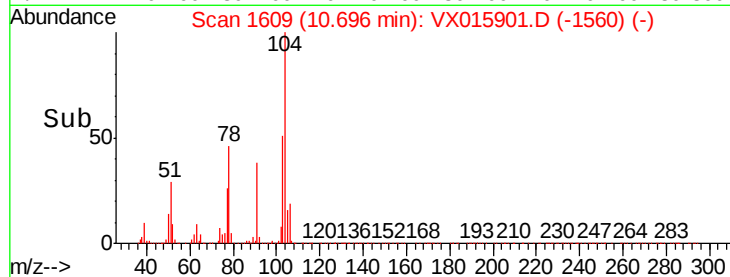
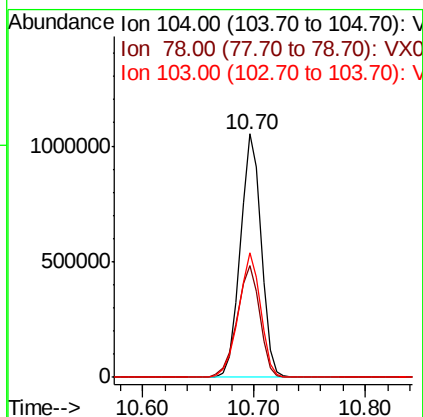
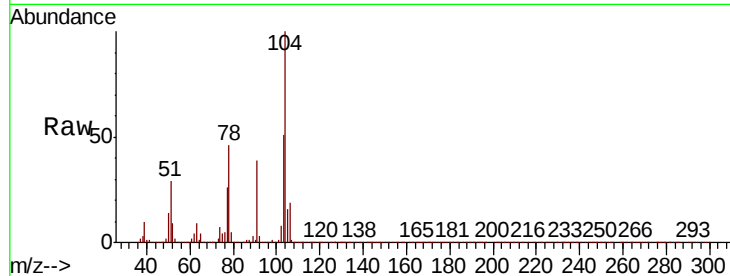




#70
Stvrene
Concen: 49.184 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

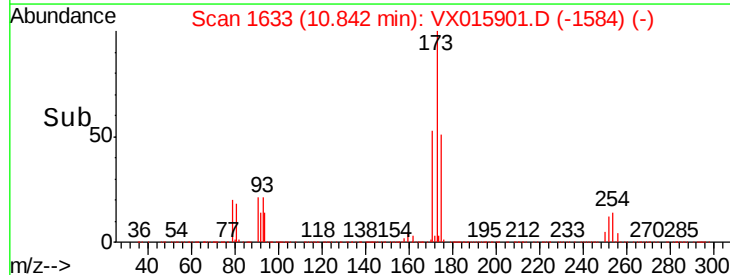
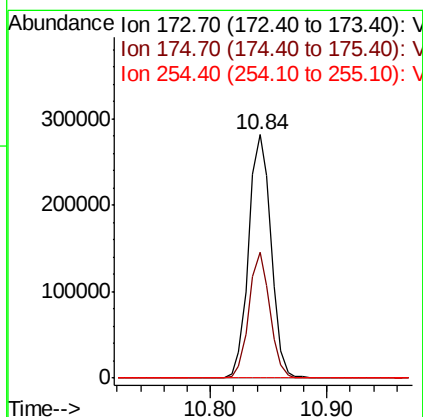
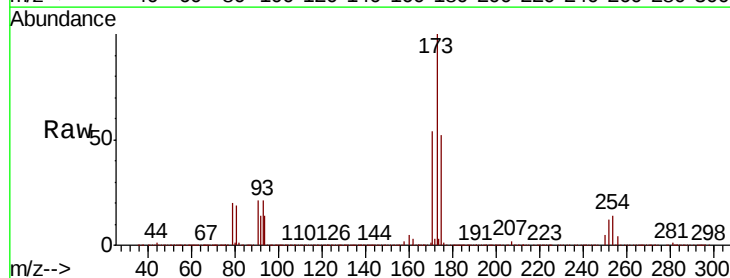
Instrument :
MSVOA_X
ClientSampled :
S73-0240MSD

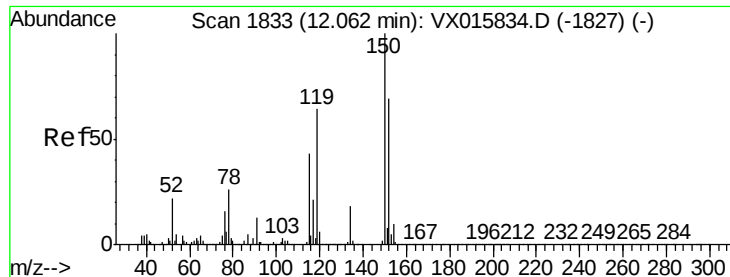
Tot Ion:104 Resp: 1360105
Ion Ratio Lower Upper
104 100
78 50.2 40.1 60.1
103 54.4 43.3 64.9



#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:173 Resp: 379166
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

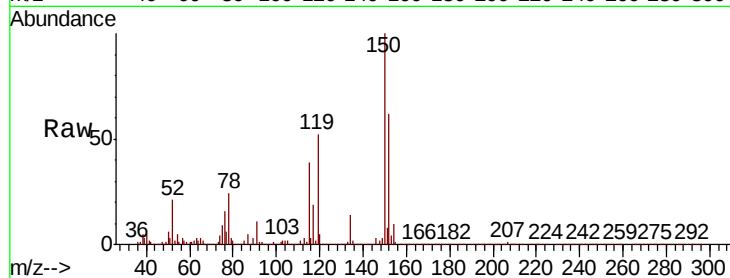
Tot Ion:152 Resp: 650383

Ion Ratio Lower Upper

152 100

115 77.4 39.0 116.9

150 173.1 0.0 336.8

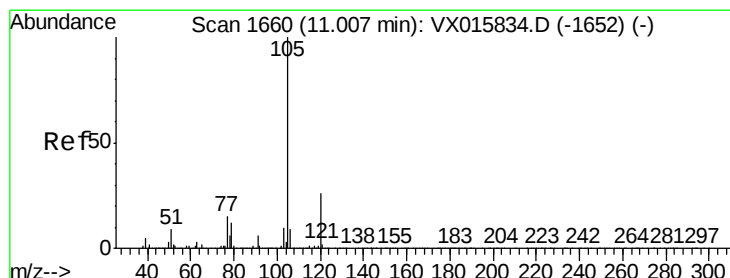
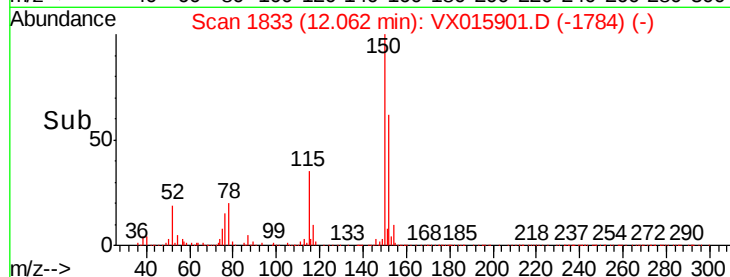
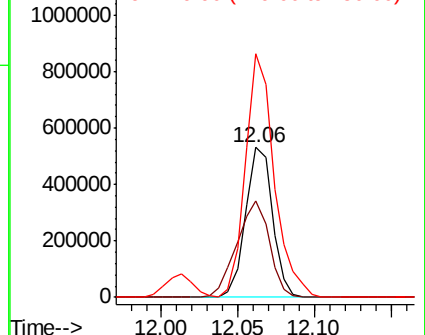


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.607 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015901.D

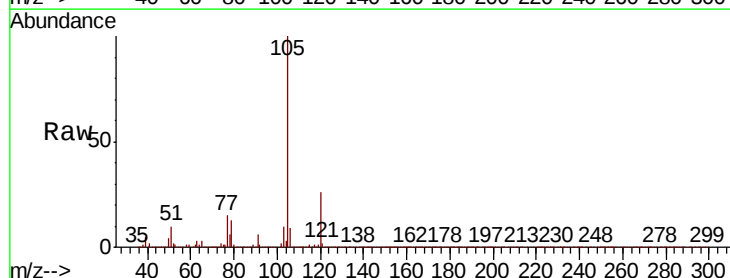
Acq: 23 Apr 2020 19:17

Tgt Ion:105 Resp: 2090380

Ion Ratio Lower Upper

105 100

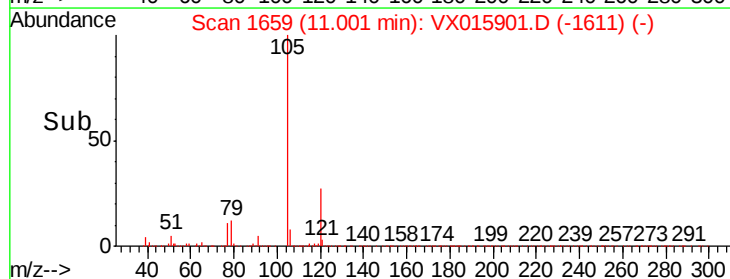
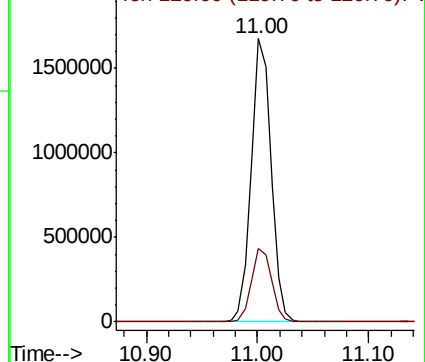
120 26.3 13.1 39.1

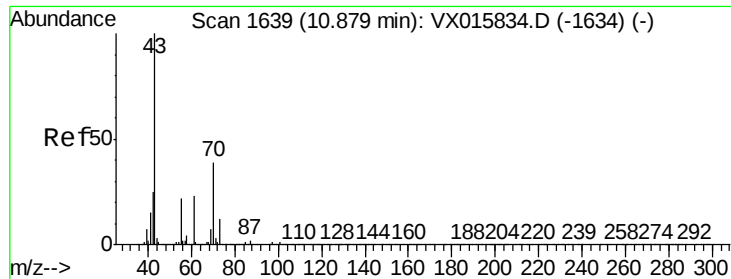


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

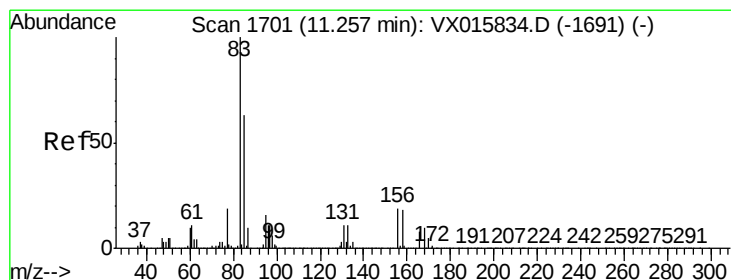
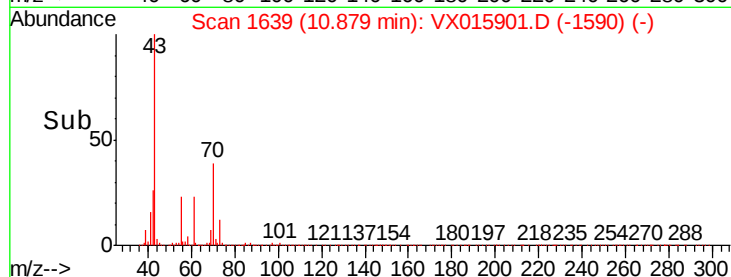
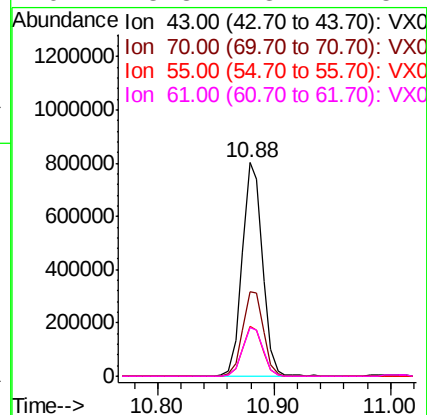
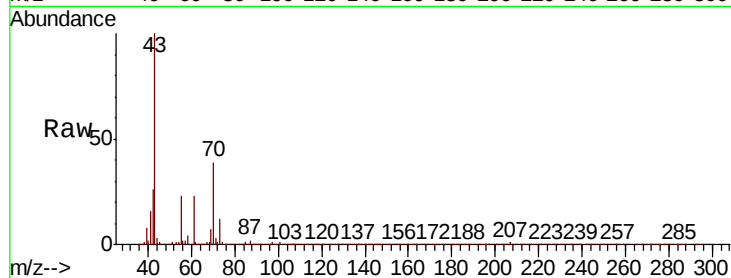




#74
N-amvl acetate
Concen: 45.370 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

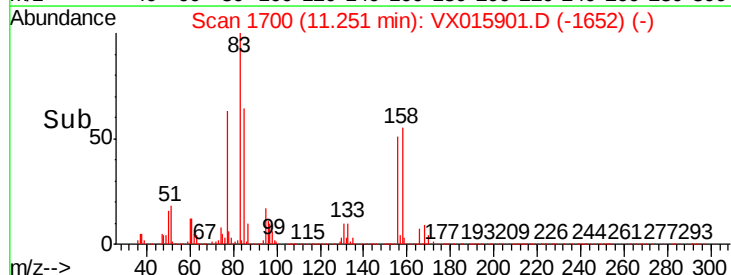
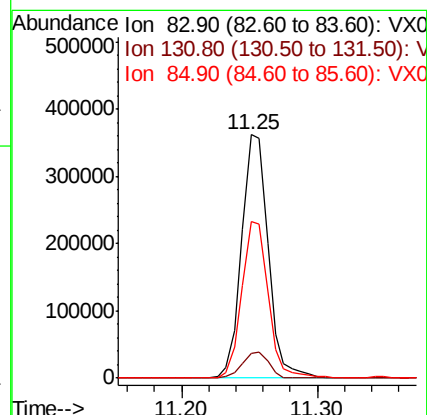
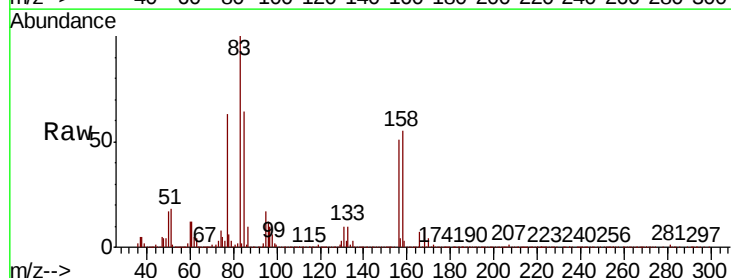
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

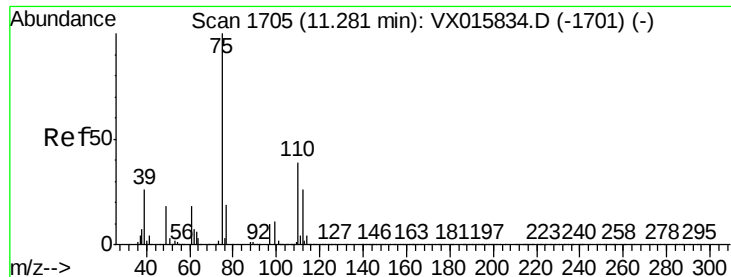
Tot Ion:	43	Resp:	967478
Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.6	49.0
55	23.1	18.3	27.5
61	23.3	18.7	28.1



#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:	83	Resp:	494361
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.5	16.4
85	64.1	32.4	97.0





#76

1,2,3-Trichloropropane

Concen: 64.918 ug/l

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 :

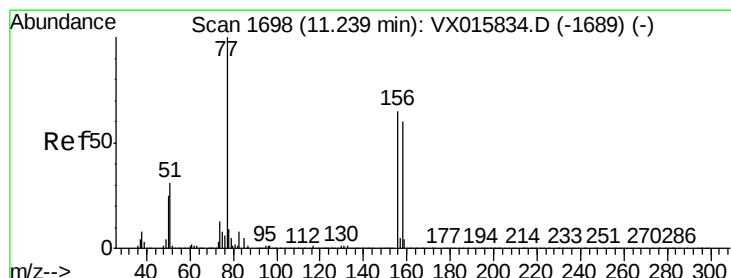
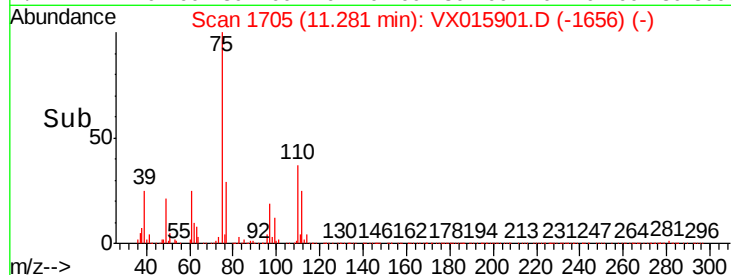
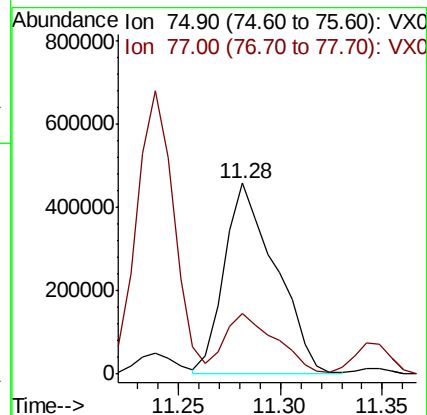
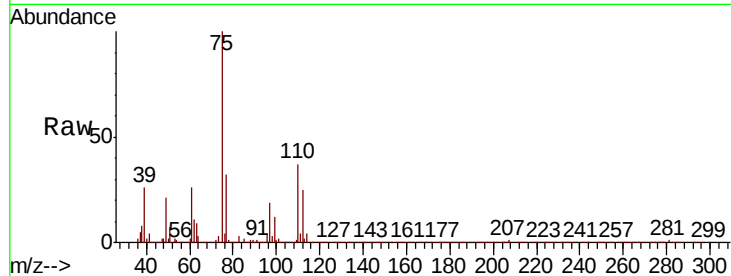
S73-0240MSD

Tot Ion: 75 Resp: 802871

Ion Ratio Lower Upper

75 100

77 31.6 21.3 63.9



#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

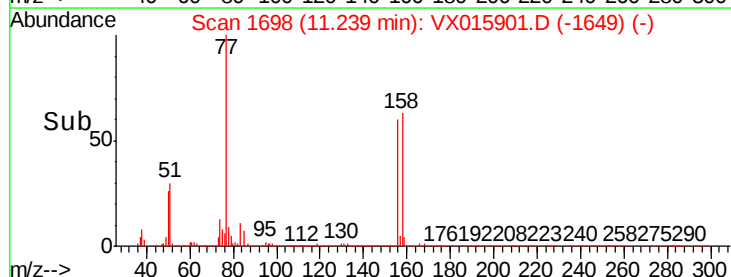
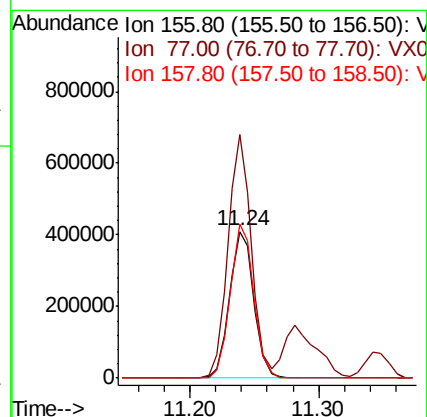
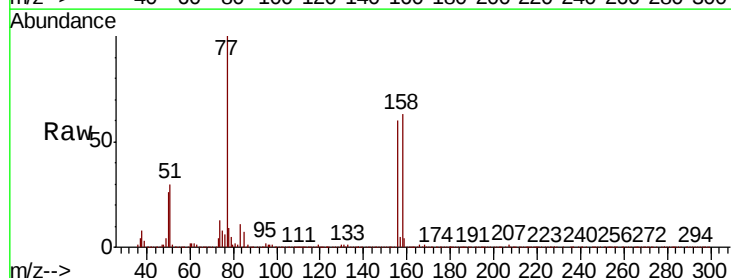
Tgt Ion: 156 Resp: 542287

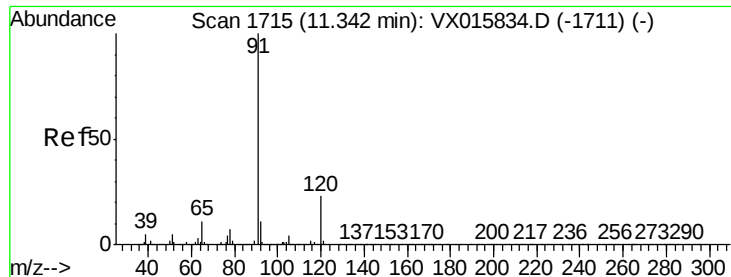
Ion Ratio Lower Upper

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 :

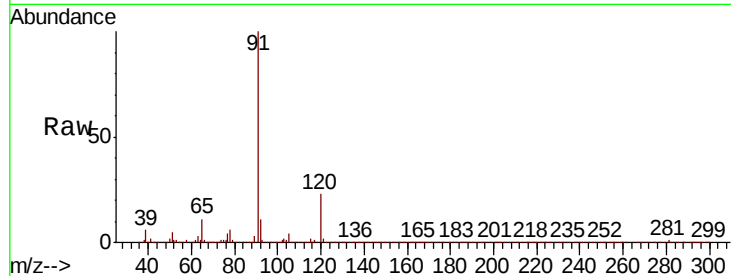
S73-0240MSD

Tot Ion: 91 Resp: 2374146

Ion Ratio Lower Upper

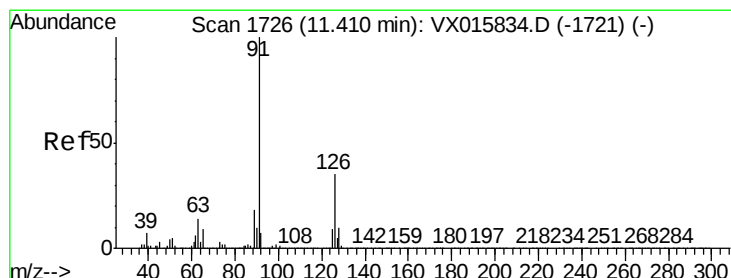
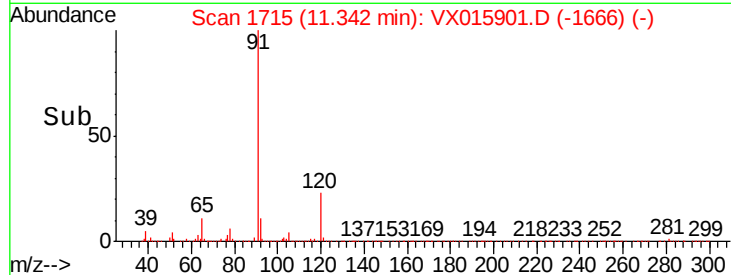
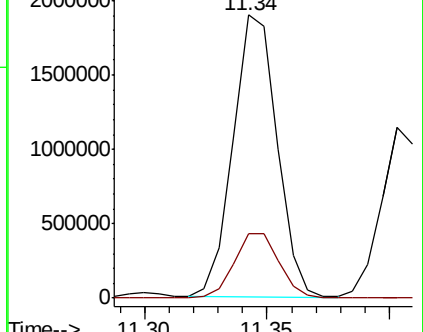
91 100

120 23.5 11.7 35.1



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

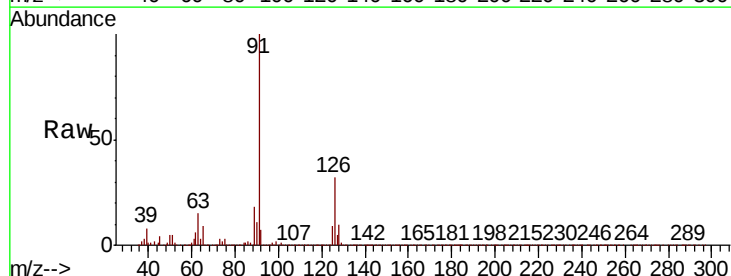
Acq: 23 Apr 2020 19:17

Tgt Ion: 91 Resp: 1422105

Ion Ratio Lower Upper

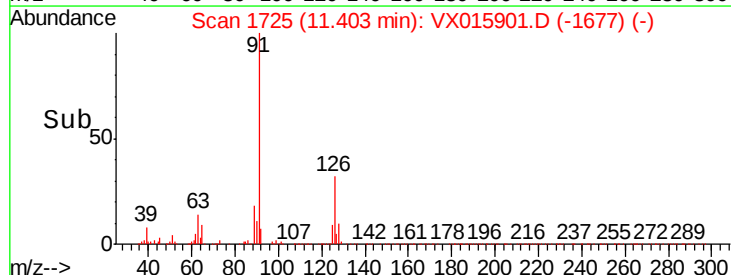
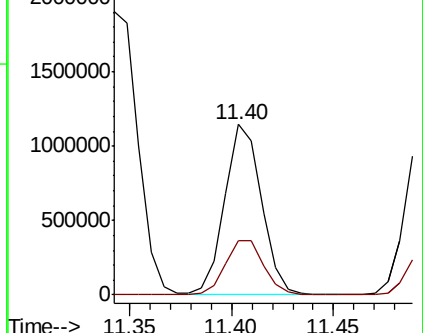
91 100

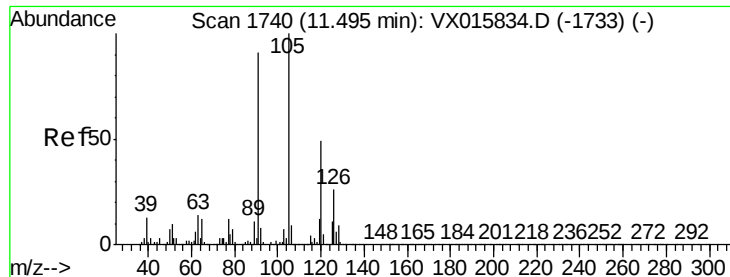
126 33.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

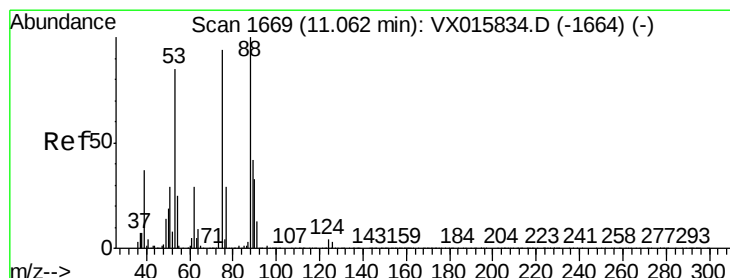
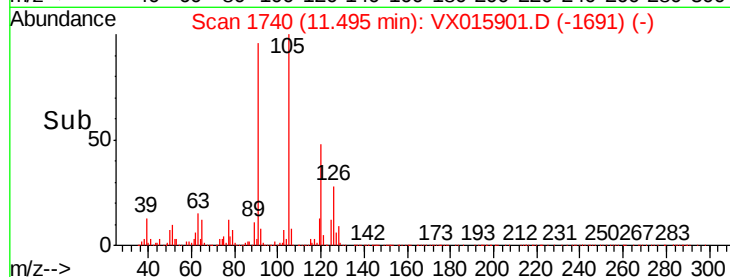
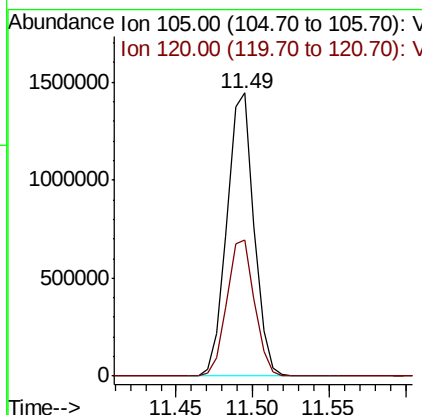
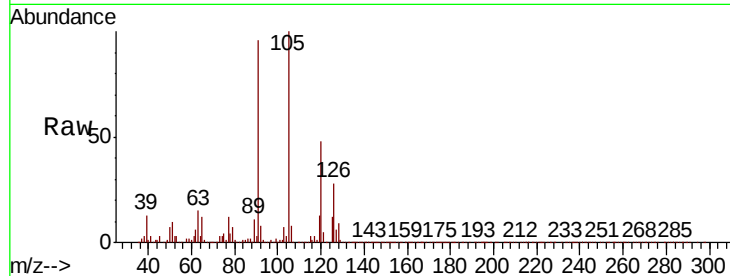




#80
 1,3,5-Trimethylbenzene
 Concen: 50.132 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

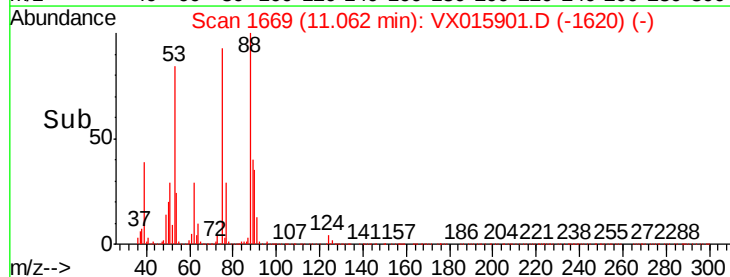
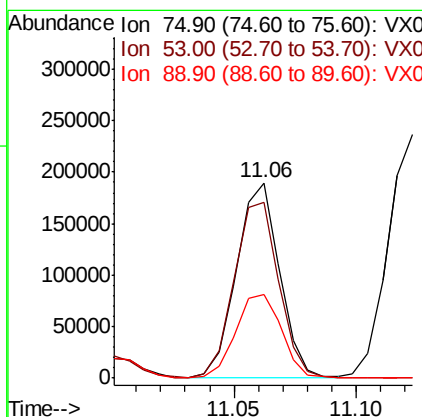
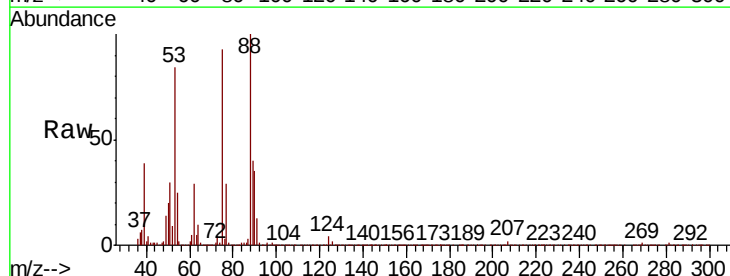
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

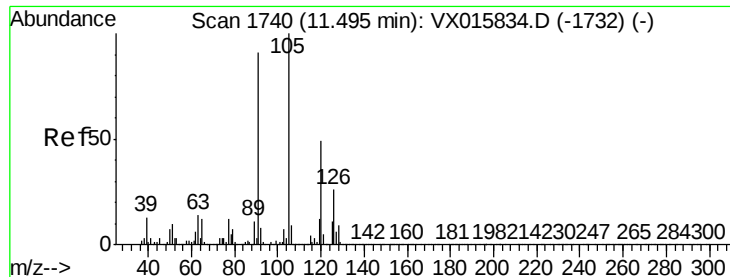
Tot Ion:105 Resp: 1765687
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.7



#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 :

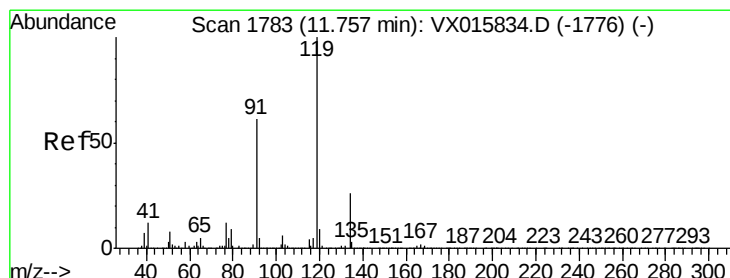
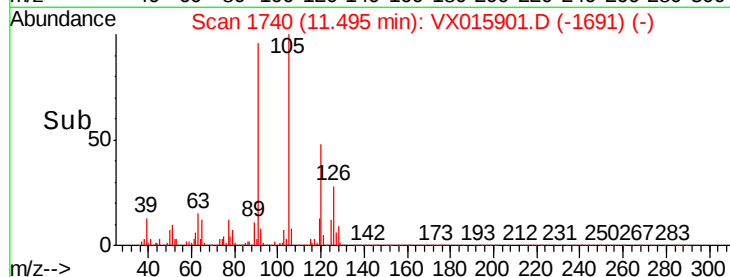
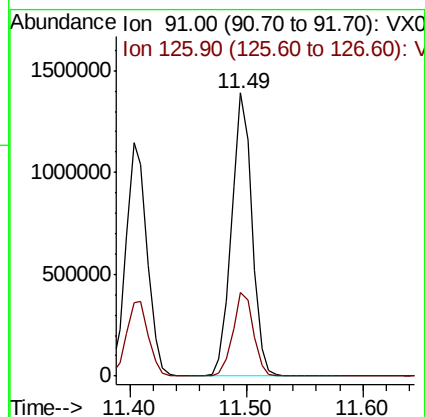
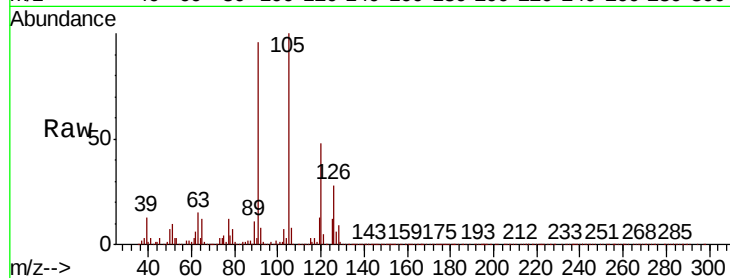
S73-0240MSD

Tot Ion: 91 Resp: 1694772

Ion Ratio Lower Upper

91 100

126 29.8 15.0 45.0



#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

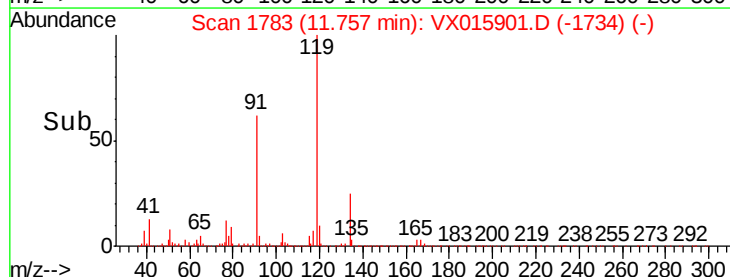
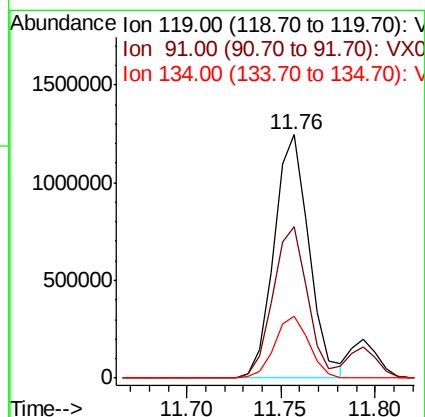
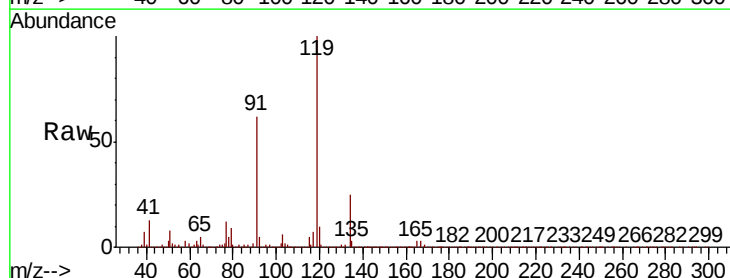
Tgt Ion: 119 Resp: 1596630

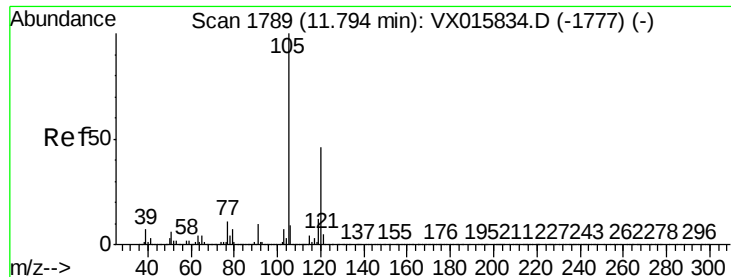
Ion Ratio Lower Upper

119 100

91 61.5 30.9 92.7

134 25.0 12.4 37.2

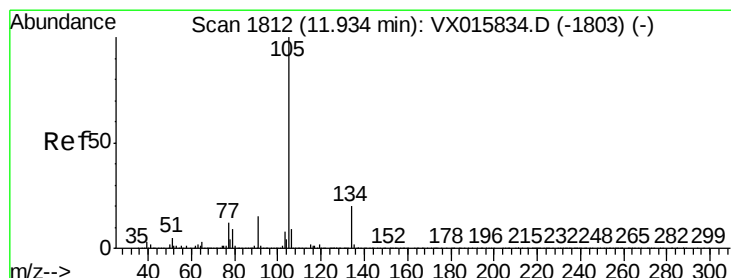
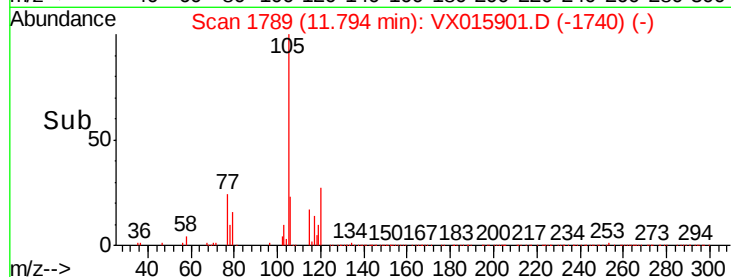
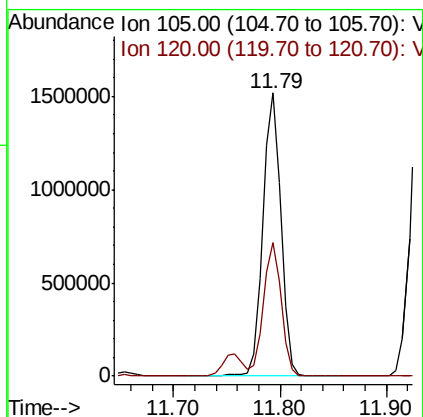
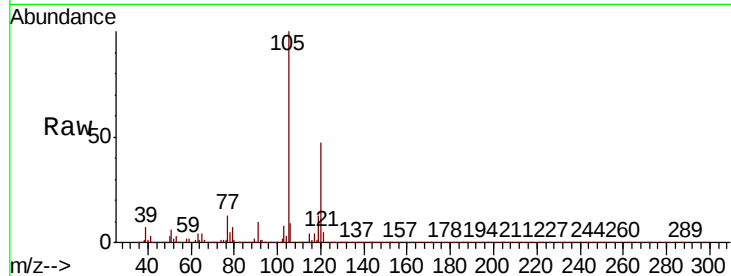




#84
 1,2,4-Trimethylbenzene
 Concen: 49.491 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

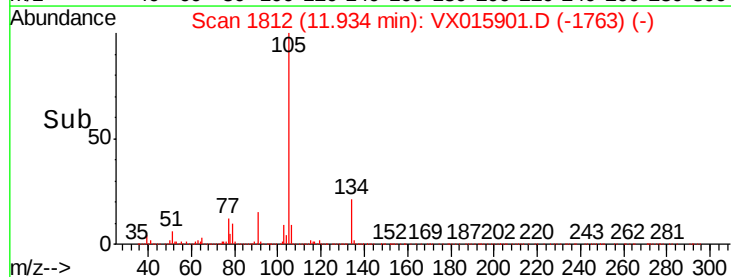
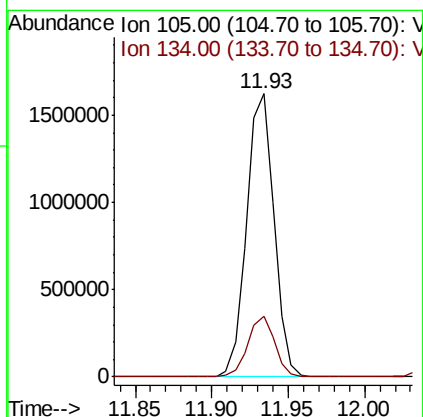
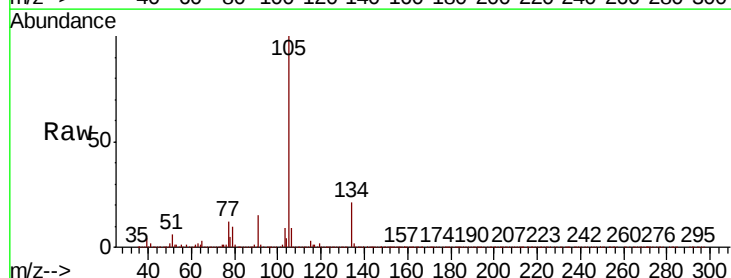
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

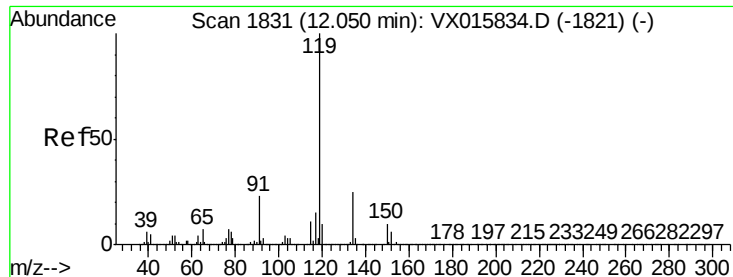
Tot Ion:105 Resp: 1809686
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.7



#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

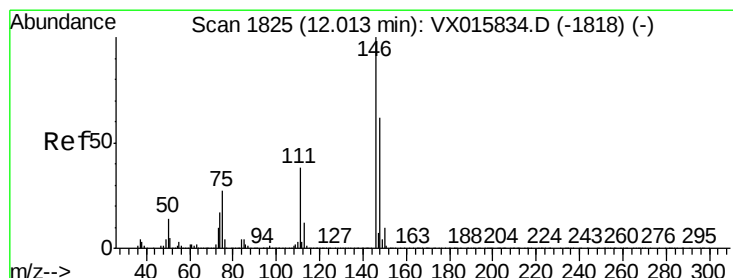
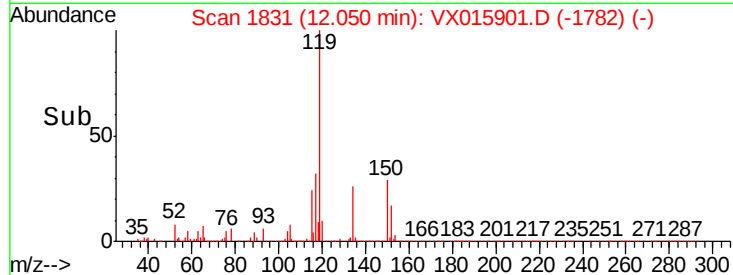
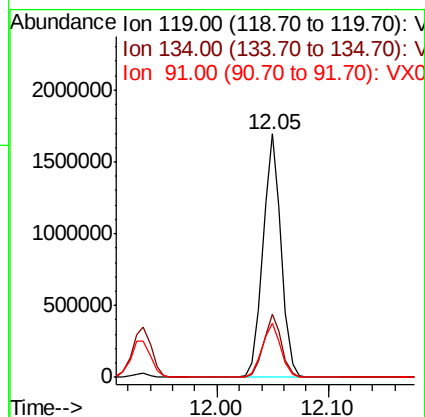
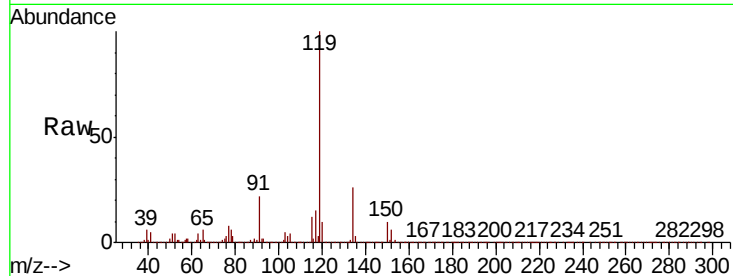




#86
p-Isopropyltoluene
Concen: 49.914 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015901.D
Acq: 23 Apr 2020 19:17

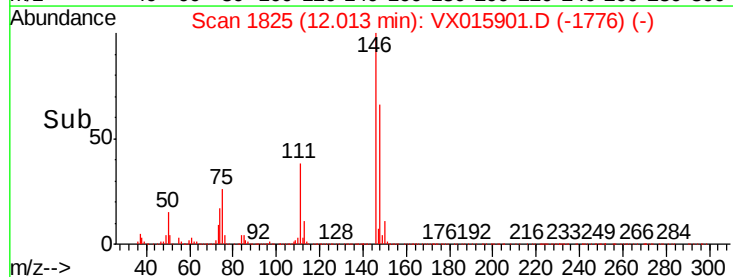
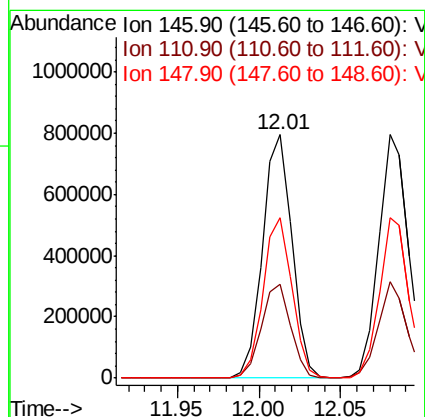
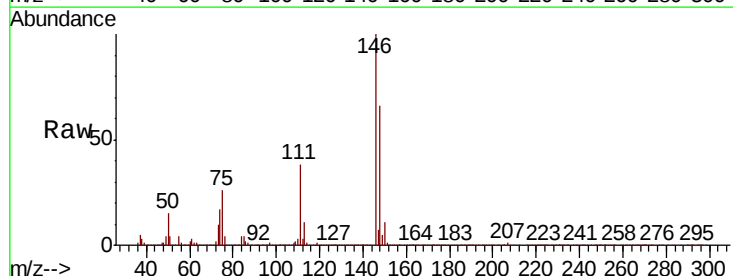
Instrument :
MSVOA_X
ClientSampleId :
S73-0240MSD

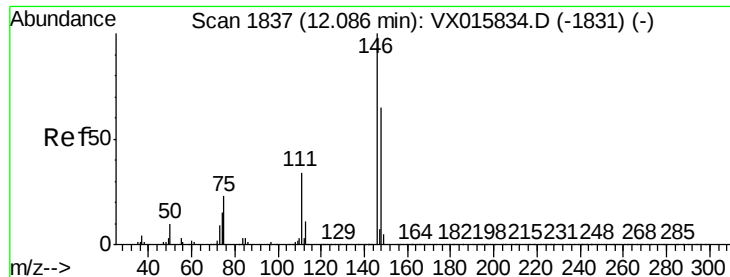
Tot Ion:119 Resp: 1922188
Ion Ratio Lower Upper
119 100
134 25.7 13.0 38.9
91 22.8 11.5 34.5



#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:146 Resp: 993870
Ion Ratio Lower Upper
146 100
111 38.6 19.1 57.1
148 64.8 30.9 92.7

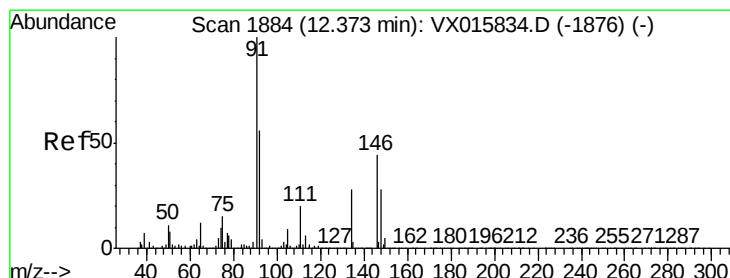
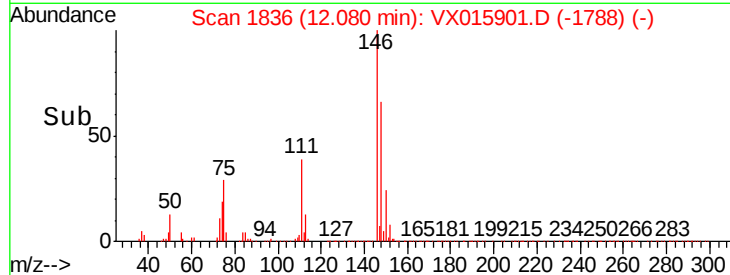
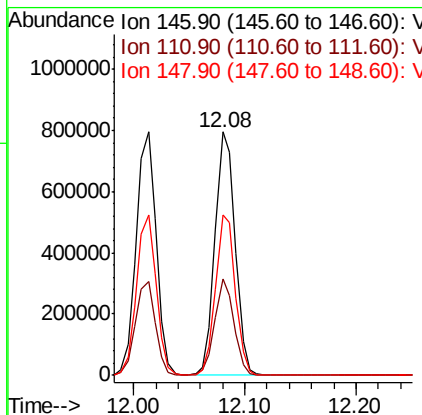
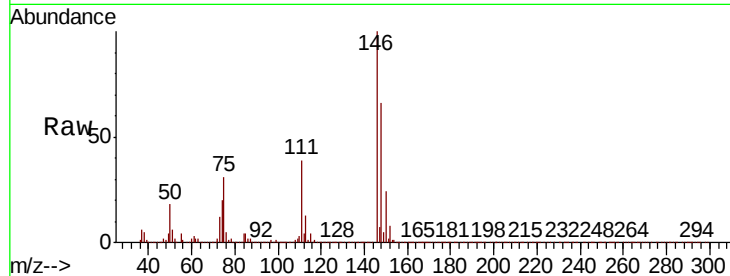




#88
 1,4-Dichlorobenzene
 Concen: 48.037 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

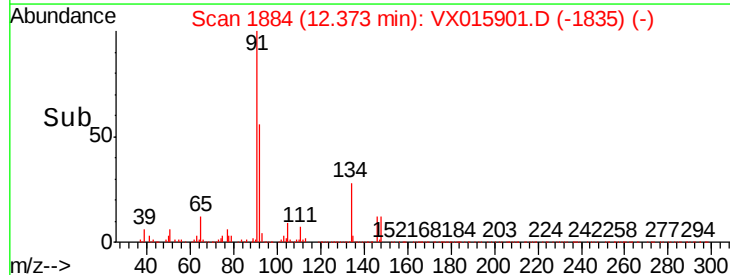
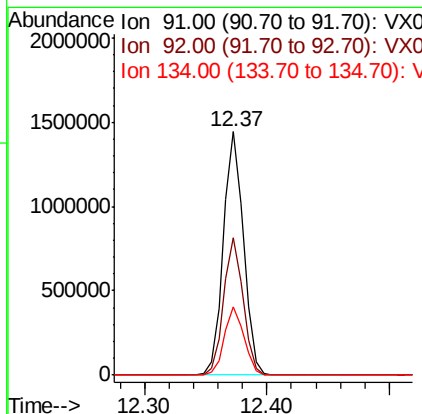
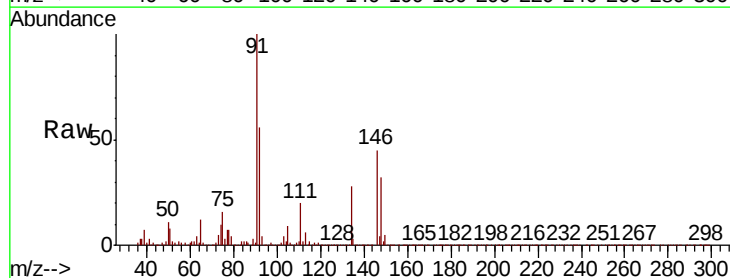
Instrument :
 MSVOA_X
 ClientSampled :
 S73-0240MSD

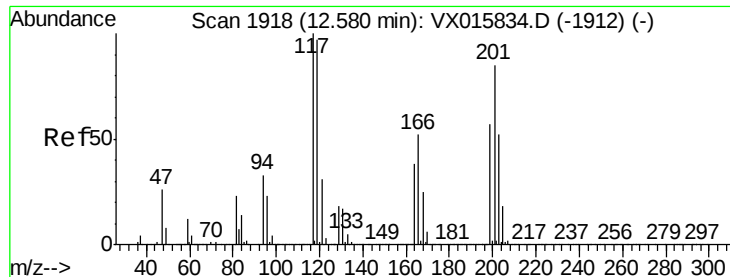
Tot Ion:146 Resp: 996211
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.2
 148 64.7 33.8 101.4



#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: 91 Resp: 1642052
 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

ClientSampled :

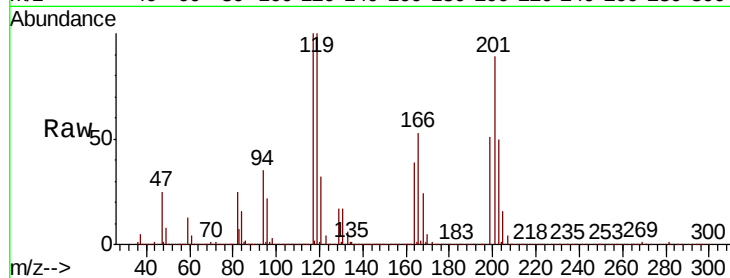
S73-0240MSD

Tot Ion:117 Resp: 302556

Ion Ratio Lower Upper

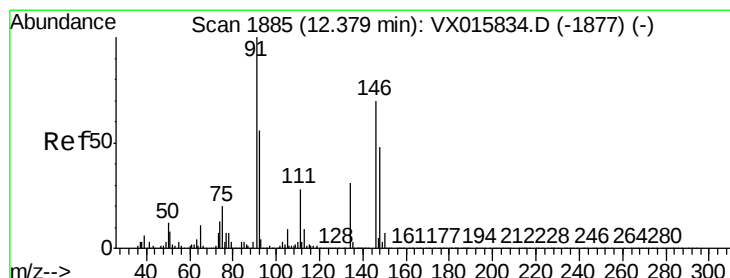
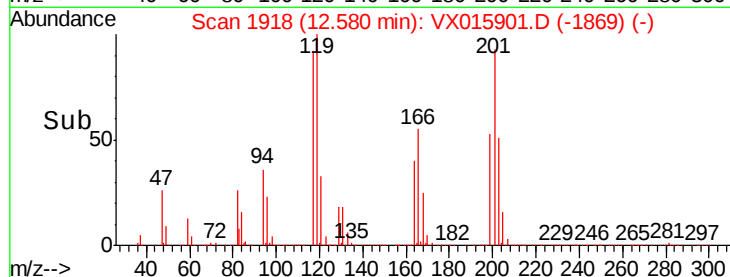
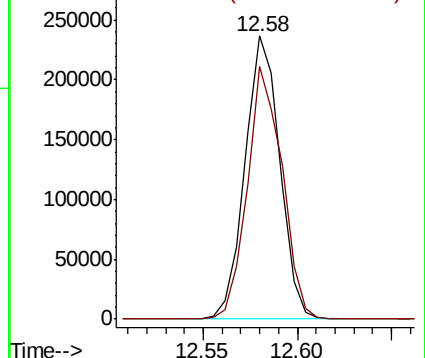
117 100

201 89.4 45.6 136.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#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

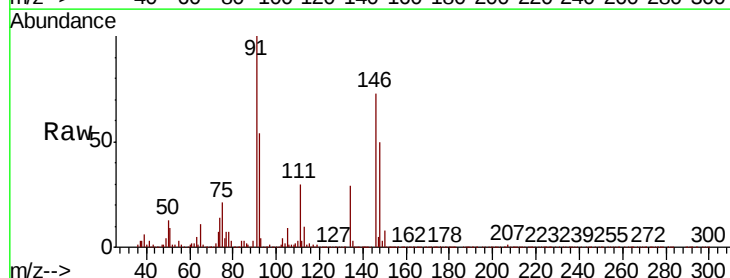
Tgt Ion:146 Resp: 920966

Ion Ratio Lower Upper

146 100

111 42.0 20.3 61.0

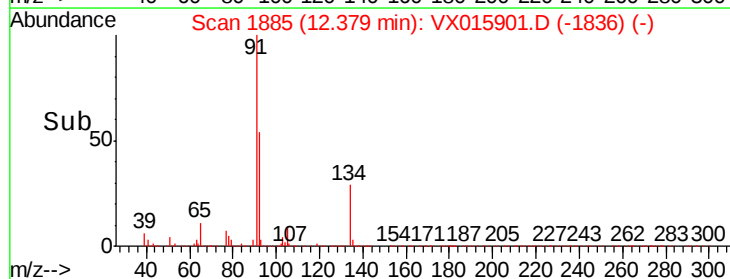
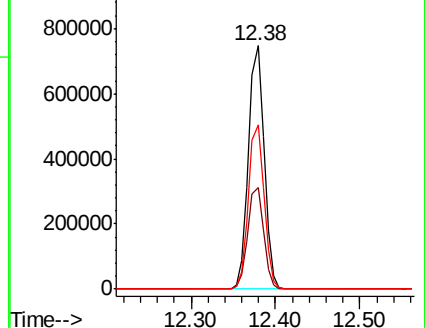
148 67.1 32.1 96.3

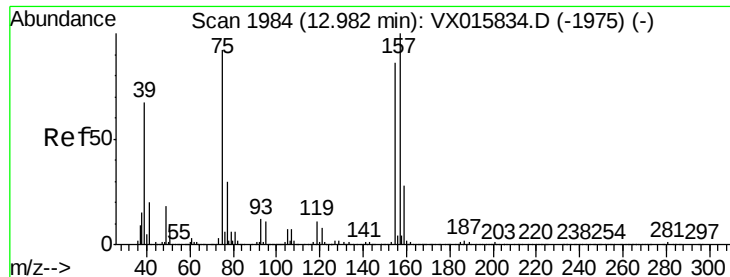


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#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

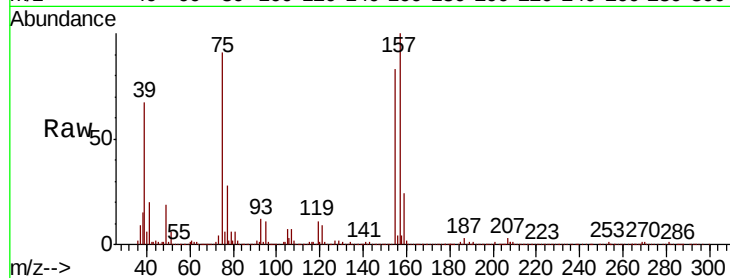
Tot Ion: 75 Resp: 145074

Ion Ratio Lower Upper

75 100

155 92.7 48.1 144.4

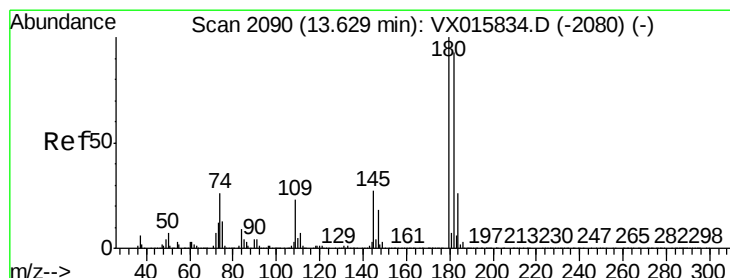
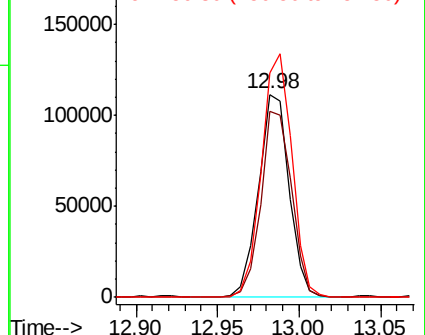
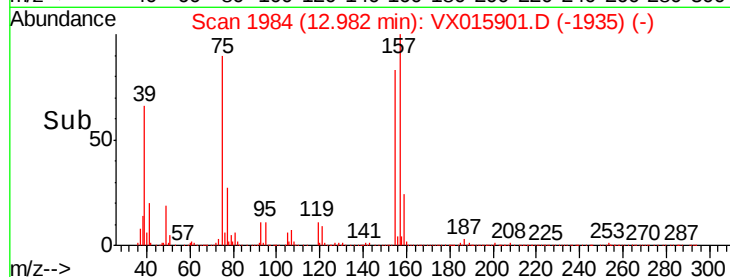
157 119.5 58.9 176.7



Abundance Ion 74.90 (74.60 to 75.60): VX015901.D (-1935) (-)

Ion 154.80 (154.50 to 155.50): VX015901.D (-1935) (-)

Ion 156.80 (156.50 to 157.50): VX015901.D (-1935) (-)



#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

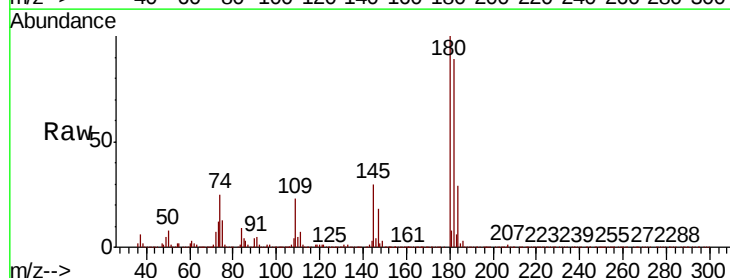
Tgt Ion: 180 Resp: 747748

Ion Ratio Lower Upper

180 100

182 94.2 47.7 143.1

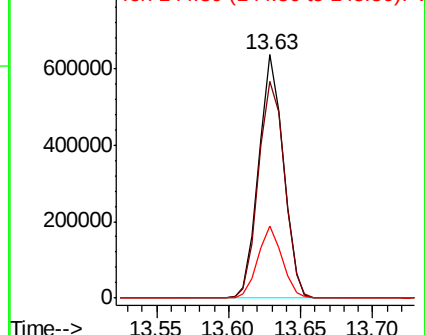
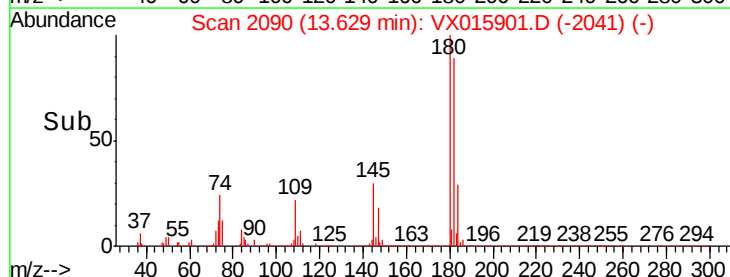
145 29.4 14.5 43.5

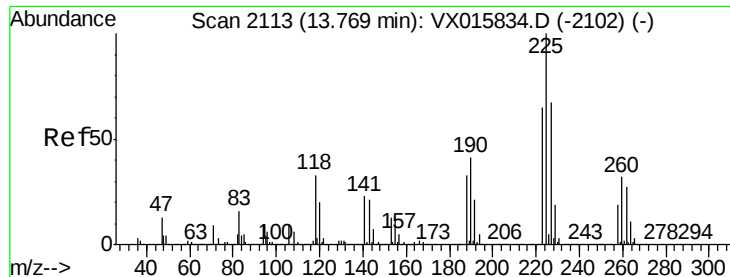


Abundance Ion 179.80 (179.50 to 180.50): VX015901.D (-2041) (-)

Ion 181.80 (181.50 to 182.50): VX015901.D (-2041) (-)

Ion 144.80 (144.50 to 145.50): VX015901.D (-2041) (-)





#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

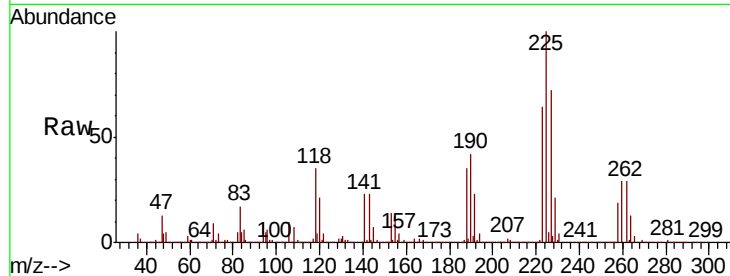
Tot Ion:225 Resp: 317397

Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.8

227 67.1 32.6 97.8

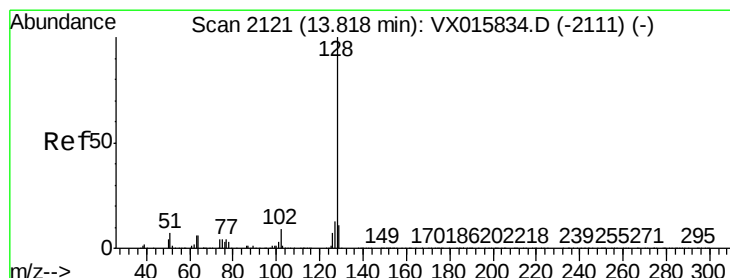
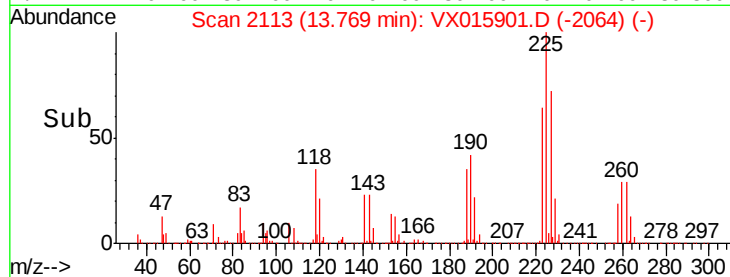
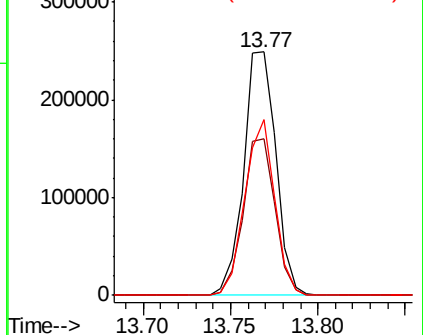


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#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

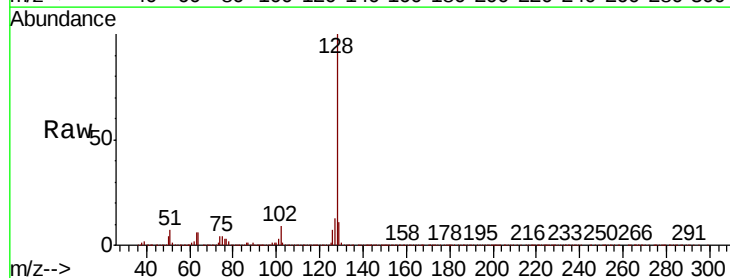
Tgt Ion:128 Resp: 2178094

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.5 12.7

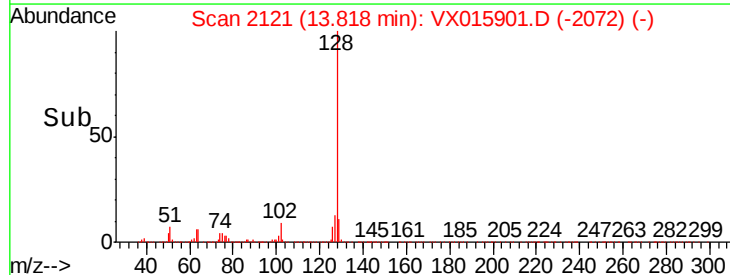
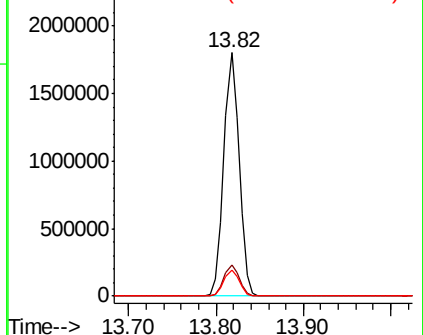


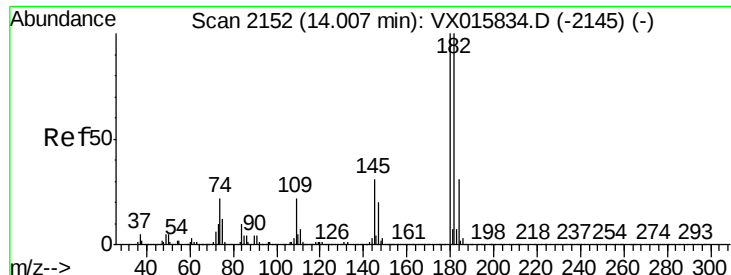
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

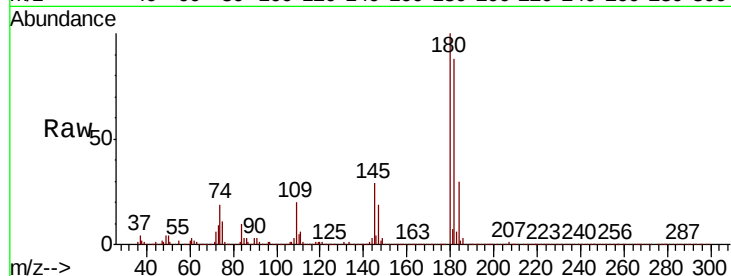




#96
 1,2,3-Trichlorobenzene
 Concen: 48.590 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: VX015901.D
 Acq: 23 Apr 2020 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

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



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

