

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
 Data File : VX012417.D
 Acq On : 16 Sep 2019 19:52
 Operator : JC/SP
 Sample : K4830-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0273

Quant Time: Sep 17 04:55:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	115297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	186043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	172955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100465	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119449	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	5.49	113	85983	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	8.71	98	317189	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.14	95	126772	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	64	0.545 ug/l #	42
3) Chloromethane	1.32	50	731	0.826 ug/l	92
5) Bromomethane	1.62	94	107	0.260 ug/l #	2
6) Chloroethane	1.69	64	140	0.219 ug/l #	44
10) Methyl Iodide	2.51	142	272	0.223 ug/l #	79
11) Tert butyl alcohol	3.02	59	3132	5.254 ug/l #	72
13) Acrolein	2.39	56	26466	103.035 ug/l #	77
14) Allyl chloride	2.83	41	79940	34.452 ug/l #	69
15) Acrylonitrile	3.16	53	14376	14.581 ug/l #	39
16) Acetone	2.38	43	76752	72.333 ug/l #	54
17) Carbon Disulfide	2.56	76	323	1.718 ug/l #	75
18) Methyl Acetate	2.83	43	195176	82.607 ug/l #	53
20) Methylene Chloride	2.84	84	741	0.512 ug/l #	1
25) 2-Butanone	4.55	43	8459	5.596 ug/l #	51
29) Tetrahydrofuran	5.13	42	367	0.419 ug/l #	33
31) Cyclohexane	5.57	56	189388	116.684 ug/l	99
36) 1,1-Dichloropropene	5.65	75	9884	5.749 ug/l #	52
38) Carbon Tetrachloride	5.65	117	12901	6.149 ug/l #	15
39) Methylcyclohexane	7.46	83	294095	178.092 ug/l	97
41) Methacrylonitrile	4.98	41	339	0.224 ug/l #	35
43) Isopropyl Acetate	6.45	43	5918	1.303 ug/l #	68
45) 1,2-Dichloropropane	7.46	63	3612	2.231 ug/l #	1
48) Methyl methacrylate	7.73	41	7481	4.674 ug/l #	54
49) 1,4-Dioxane	7.59	88	51	0.984 ug/l #	23
51) 4-Methyl-2-Pentanone	8.39	43	651	0.221 ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	22910	12.643 ug/l #	19
56) Ethyl methacrylate	9.16	69	5140	1.885 ug/l #	1
59) 2-Hexanone	9.30	43	1669	0.736 ug/l	82
60) Dibromochloromethane	9.33	129	42	1.763 ug/l	64
67) Ethyl Benzene	10.25	91	3426	0.497 ug/l	96
73) Isopropylbenzene	11.01	105	51727	7.411 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	1640	0.586 ug/l #	32
76) 1,2,3-Trichloropropane	11.14	75	66313	25.534 ug/l #	38
78) n-propylbenzene	11.35	91	48310	6.124 ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
 Data File : VX012417.D
 Acq On : 16 Sep 2019 19:52
 Operator : JC/SP
 Sample : K4830-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0273

Quant Time: Sep 17 04:55:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

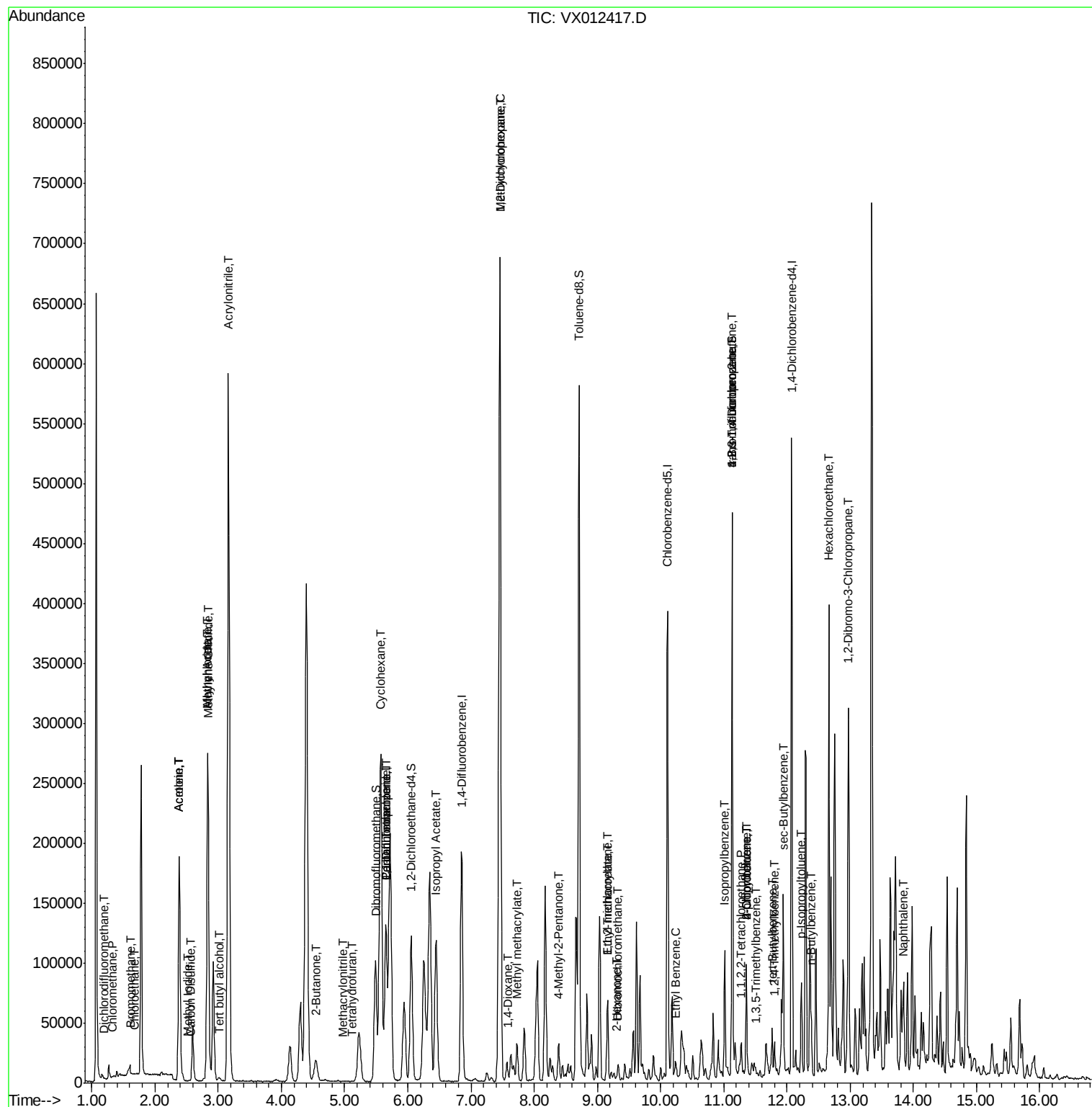
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.35	91	48310	9.540	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.50	105	1452	0.239	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	66313	72.081	ug/l #	7
82) 4-Chlorotoluene	11.35	91	48310	8.181	ug/l #	47
83) tert-Butylbenzene	11.76	119	13147	2.039	ug/l	84
84) 1,2,4-Trimethylbenzene	11.81	105	11020	1.787	ug/l	98
85) sec-Butylbenzene	11.94	105	70697	9.919	ug/l	79
86) p-Isopropyltoluene	12.23	119	31273	4.789	ug/l	97
89) n-Butylbenzene	12.39	91	22800	3.954	ug/l #	61
90) Hexachloroethane	12.67	117	15603	12.360	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1418	1.918	ug/l #	4
95) Naphthalene	13.83	128	31139	3.988	ug/l #	91

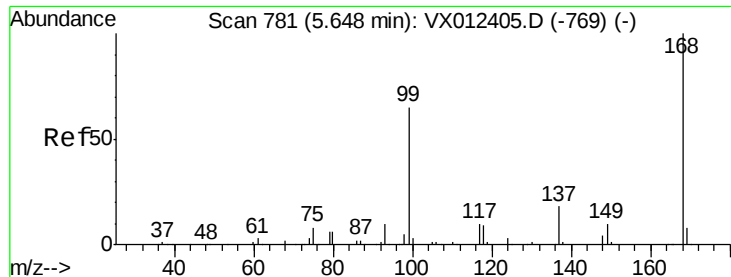
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012417.D
Acq On : 16 Sep 2019 19:52
Operator : JC/SP
Sample : K4830-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Quant Time: Sep 17 04:55:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:36:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

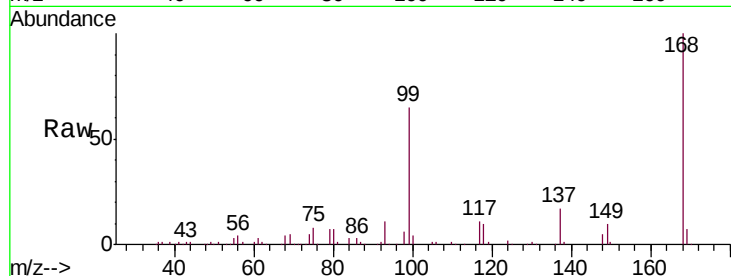
S13-0273

Tgt Ion:168 Resp: 115297

Ion Ratio Lower Upper

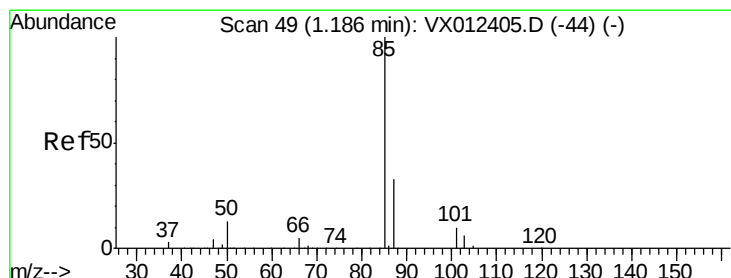
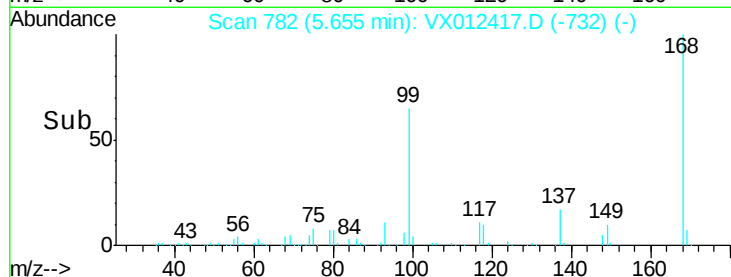
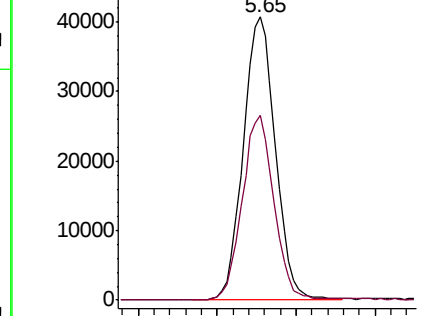
168 100

99 65.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.545 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012417.D

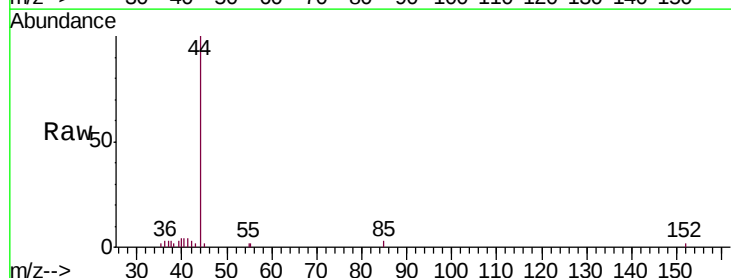
Acq: 16 Sep 2019 19:52

Tgt Ion: 85 Resp: 64

Ion Ratio Lower Upper

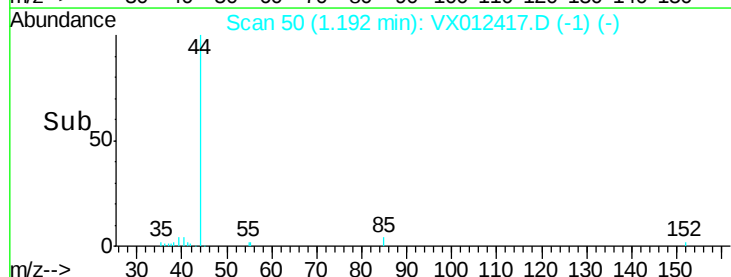
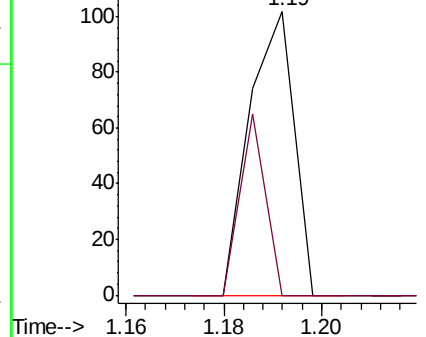
85 100

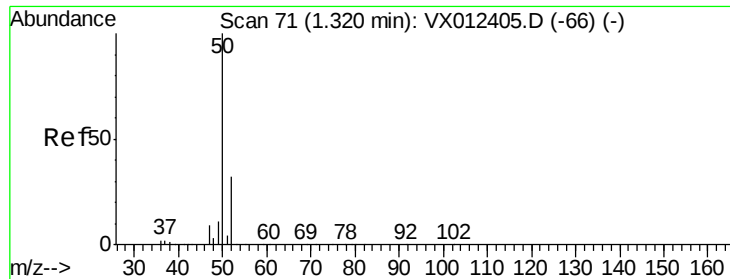
87 0.0 16.4 49.2#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.826 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

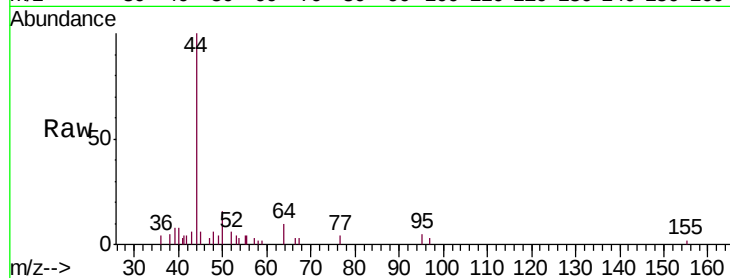
S13-0273

Tgt Ion: 50 Resp: 731

Ion Ratio Lower Upper

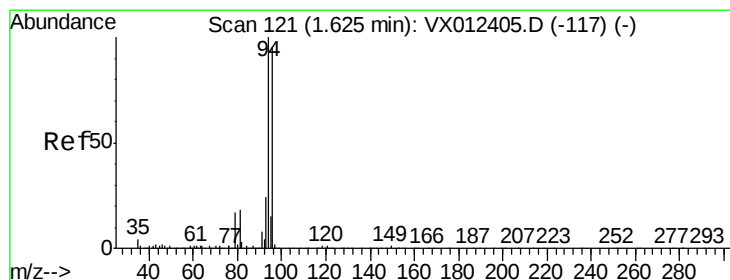
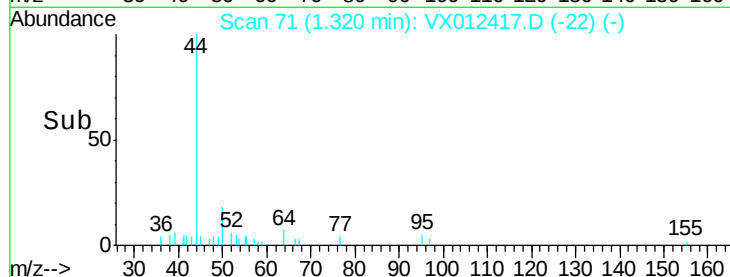
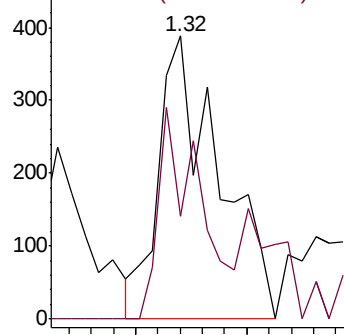
50 100

52 36.3 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.260 ug/l

RT: 1.62 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX012417.D

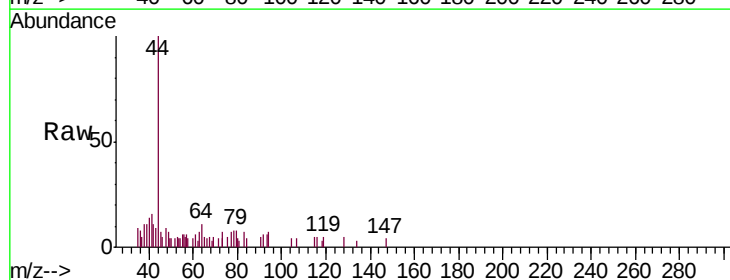
Acq: 16 Sep 2019 19:52

Tgt Ion: 94 Resp: 107

Ion Ratio Lower Upper

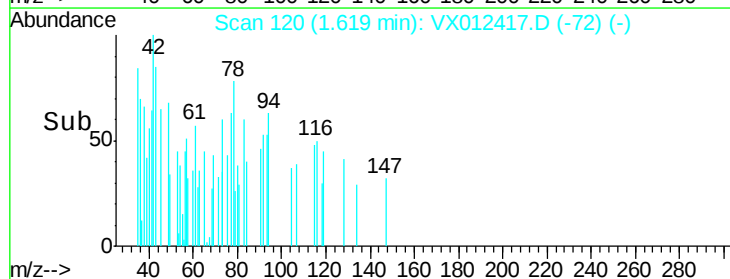
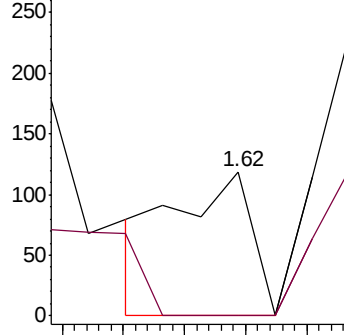
94 100

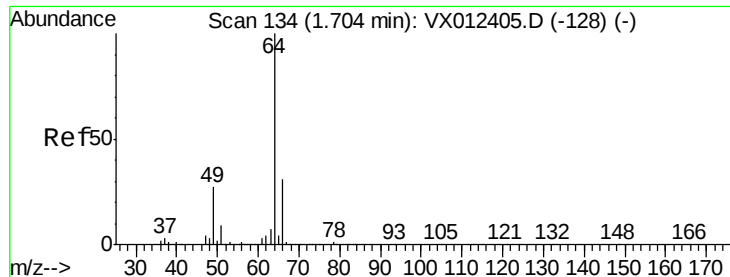
96 0.0 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.219 ug/l

RT: 1.69 min Scan# 131

Delta R.T. -0.02 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

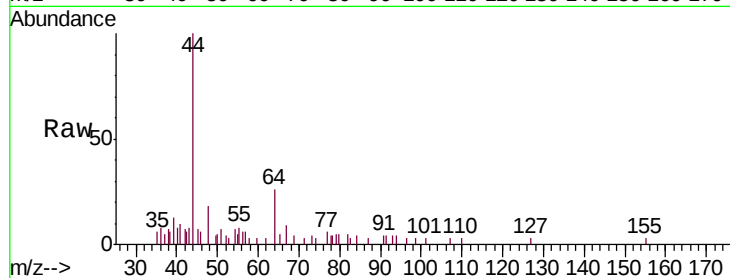
S13-0273

Tgt Ion: 64 Resp: 140

Ion Ratio Lower Upper

64 100

66 0.0 24.7 37.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

400

300

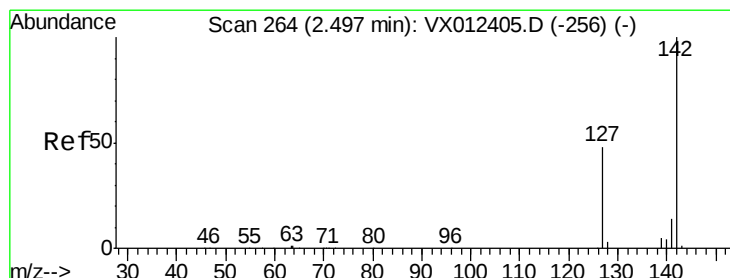
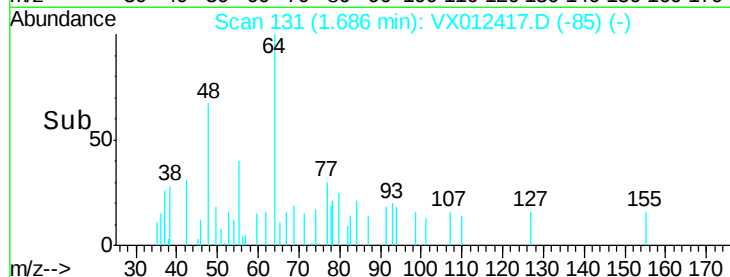
200

100

0

1.67 1.68 1.69 1.70

Time-->



#10

Methyl Iodide

Concen: 0.223 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.02 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

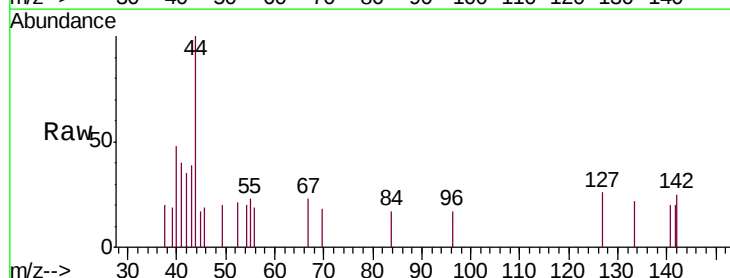
Tgt Ion: 142 Resp: 272

Ion Ratio Lower Upper

142 100

127 63.2 39.6 59.4#

141 25.0 11.6 17.4#



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

200

150

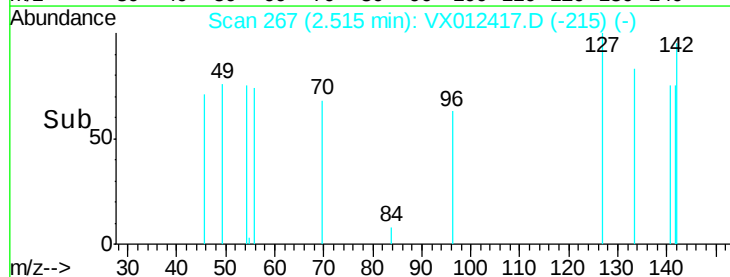
100

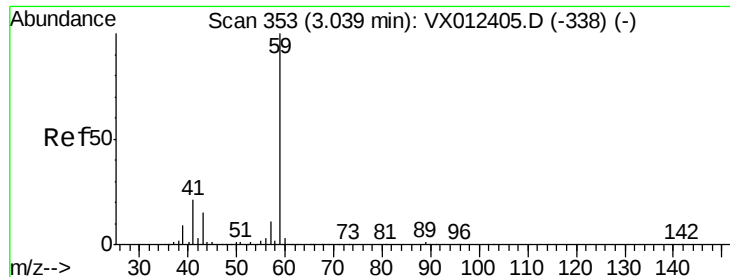
50

0

2.45 2.50 2.55

Time-->

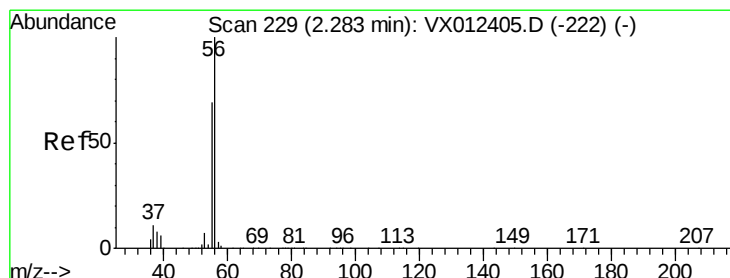
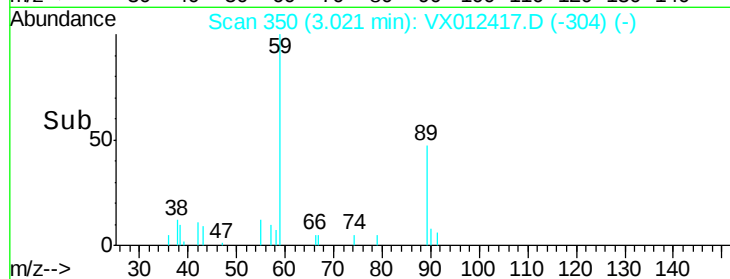
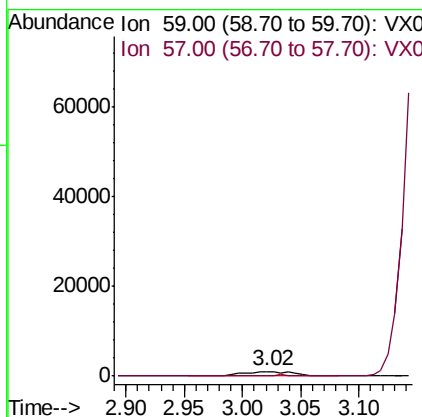
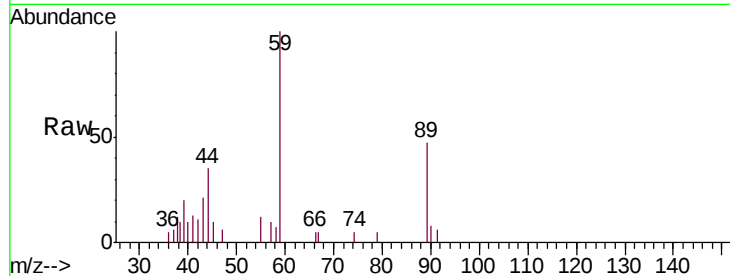




#11
Tert butyl alcohol
Concen: 5.254 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

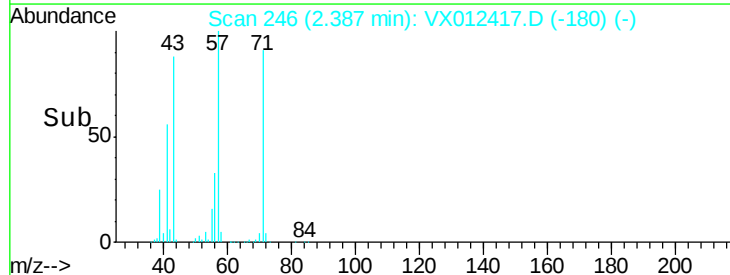
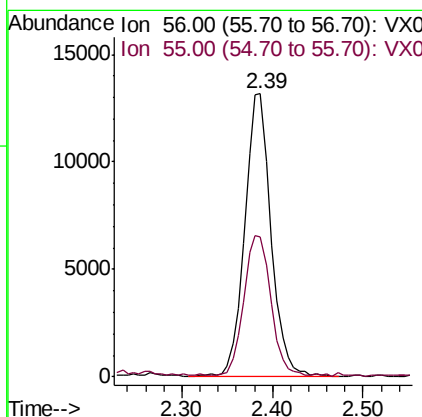
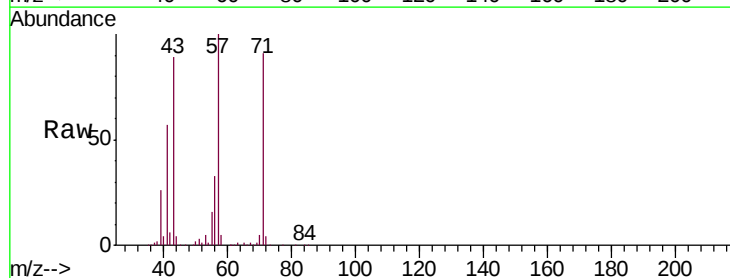
Instrument :
MSVOA_X
ClientSampleId :
S13-0273

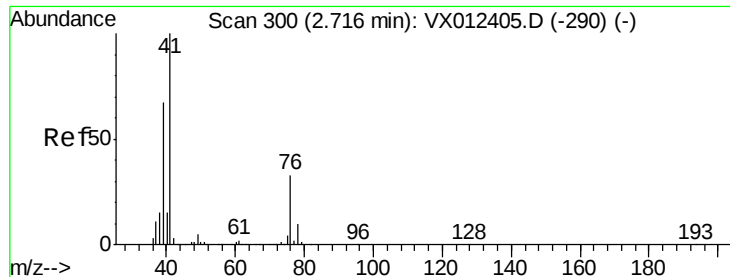
Tgt Ion: 59 Resp: 3132
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 103.035 ug/l
RT: 2.39 min Scan# 246
Delta R.T. 0.10 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion: 56 Resp: 26466
Ion Ratio Lower Upper
56 100
55 51.3 56.1 84.1#

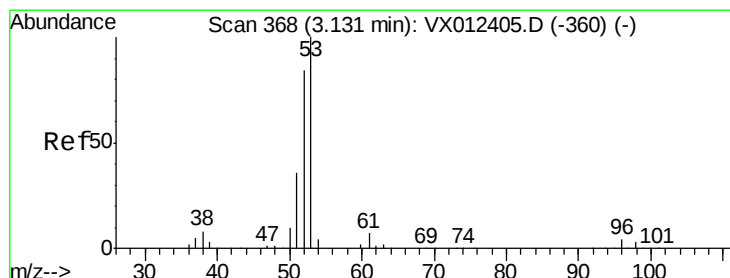
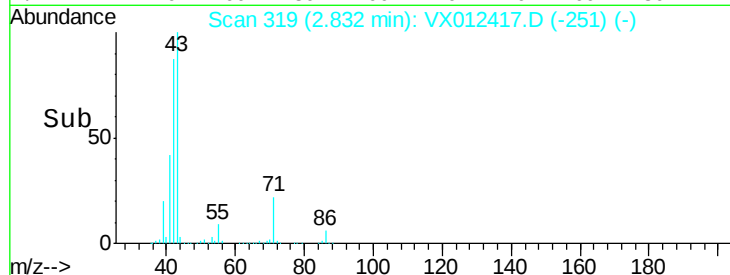
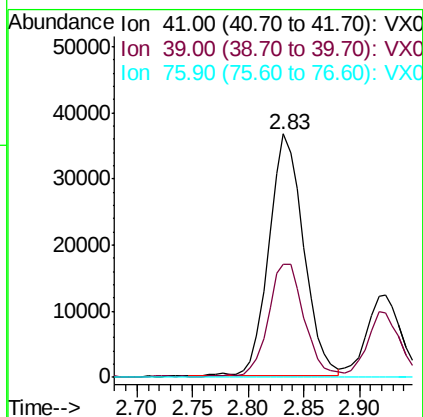
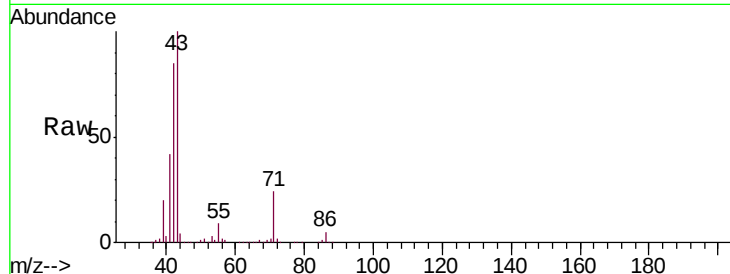




#14
 Allyl chloride
 Concen: 34.452 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.12 min
 Lab File: VX012417.D
 Acq: 16 Sep 2019 19:52

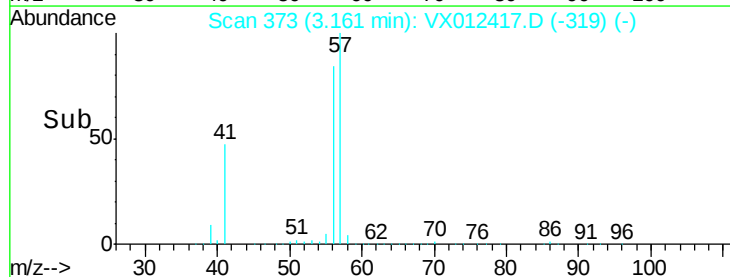
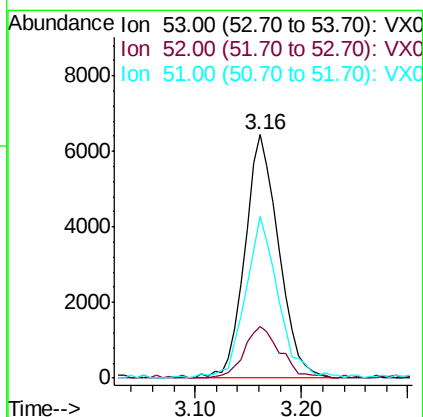
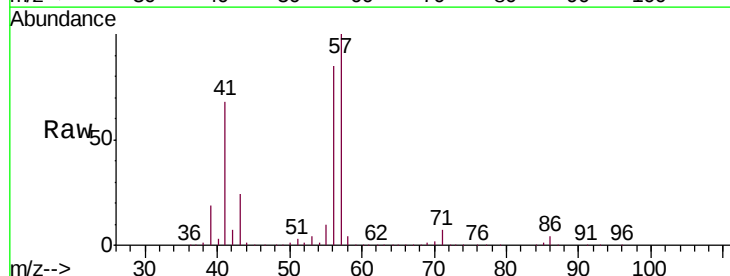
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0273

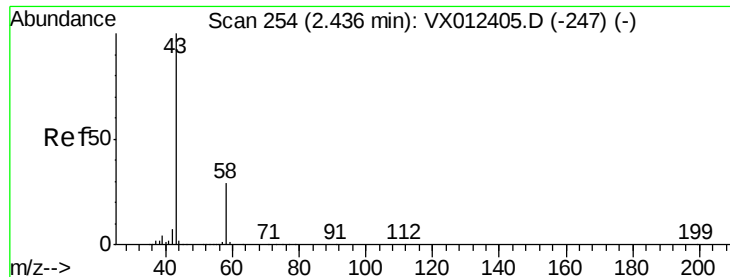
Tgt Ion: 41 Resp: 79940
 Ion Ratio Lower Upper
 41 100
 39 47.8 51.1 76.7#
 76 0.0 23.4 35.2#



#15
 Acrylonitrile
 Concen: 14.581 ug/l
 RT: 3.16 min Scan# 373
 Delta R.T. 0.03 min
 Lab File: VX012417.D
 Acq: 16 Sep 2019 19:52

Tgt Ion: 53 Resp: 14376
 Ion Ratio Lower Upper
 53 100
 52 22.6 67.4 101.2#
 51 64.7 29.8 44.6#





#16

Acetone

Concen: 72.333 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.05 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

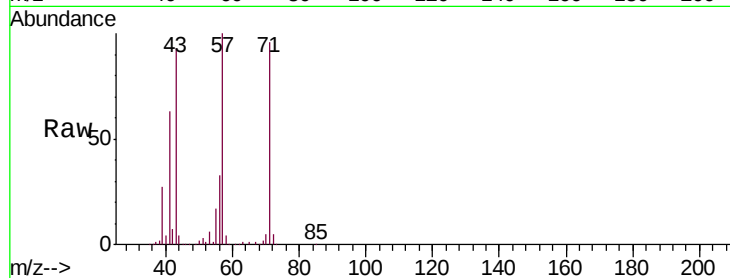
S13-0273

Tgt Ion: 43 Resp: 76752

Ion Ratio Lower Upper

43 100

58 4.7 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.38

40000

30000

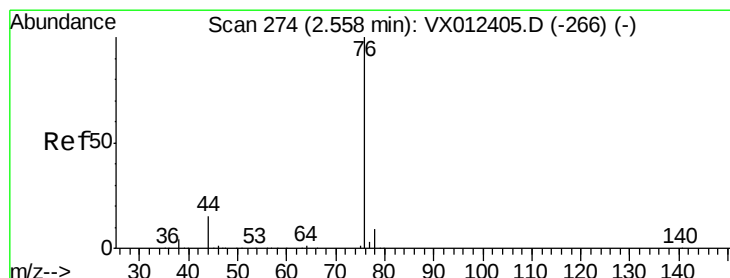
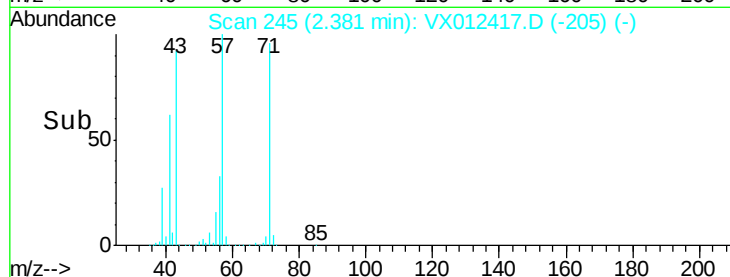
20000

10000

0

Time-->

2.30 2.40 2.50



#17

Carbon Disulfide

Concen: 1.718 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012417.D

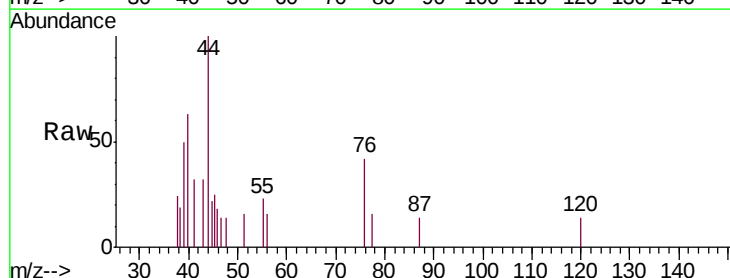
Acq: 16 Sep 2019 19:52

Tgt Ion: 76 Resp: 323

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150

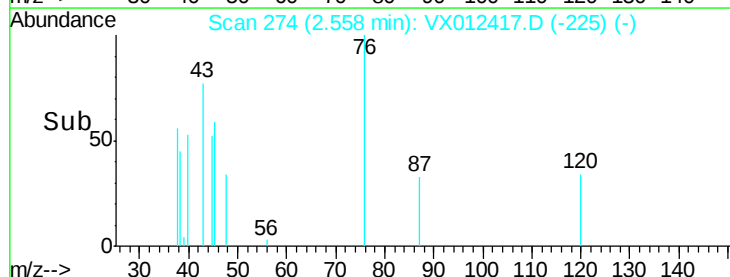
100

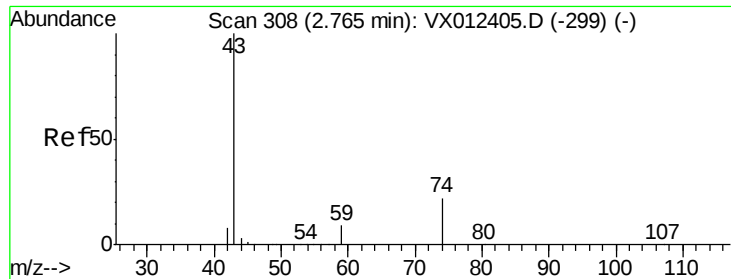
50

0

Time-->

2.55 2.60

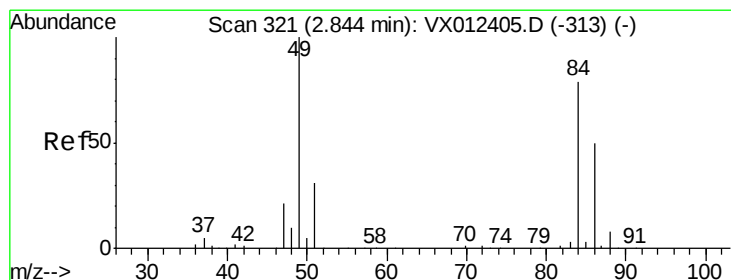
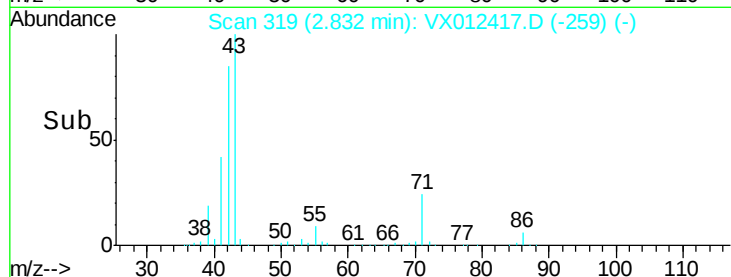
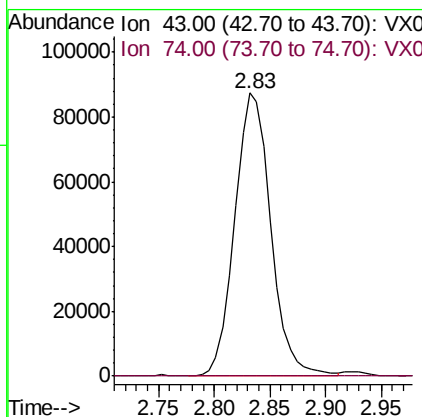
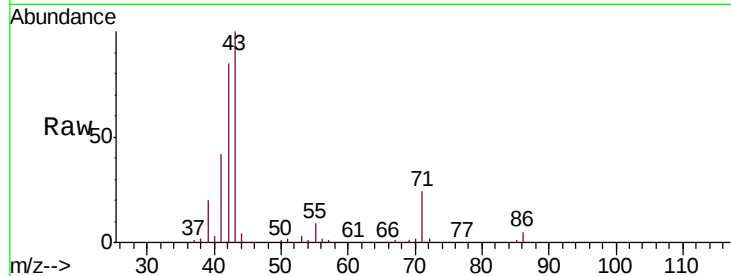




#18
Methyl Acetate
Concen: 82.607 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.07 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

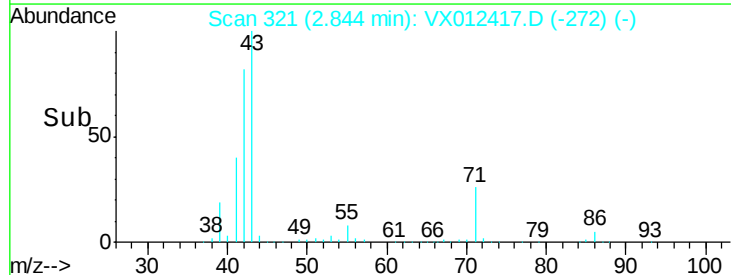
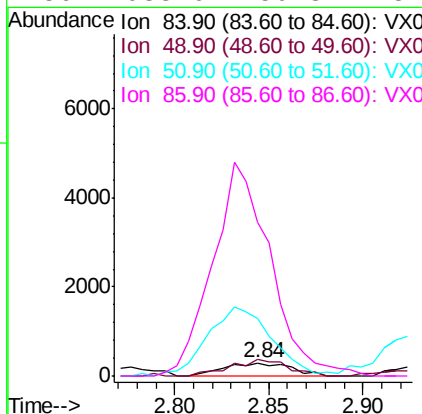
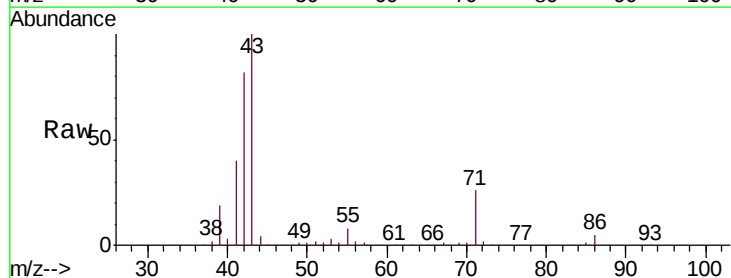
Instrument :
MSVOA_X
ClientSampleId :
S13-0273

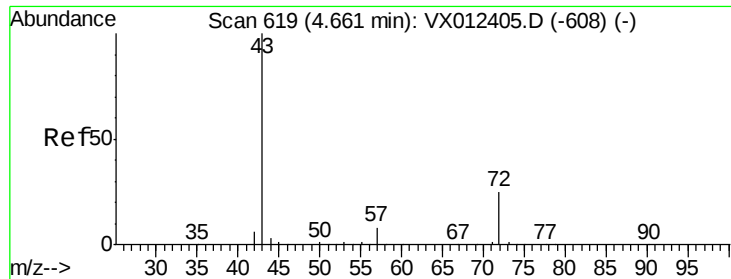
Tgt Ion: 43 Resp: 195176
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion: 84 Resp: 741
Ion Ratio Lower Upper
84 100
49 124.6 101.7 152.5
51 407.6 31.2 46.8#
86 1088.0 50.3 75.5#





#25

2-Butanone

Concen: 5.596 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.11 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

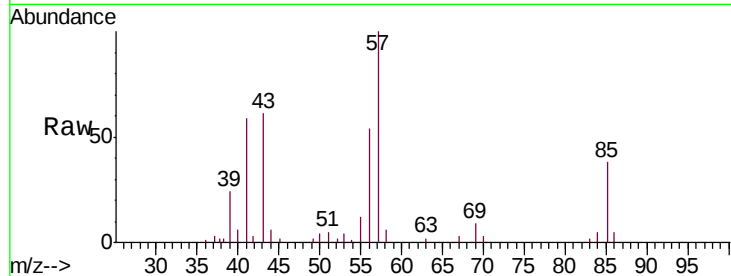
S13-0273

Tgt Ion: 43 Resp: 8459

Ion Ratio Lower Upper

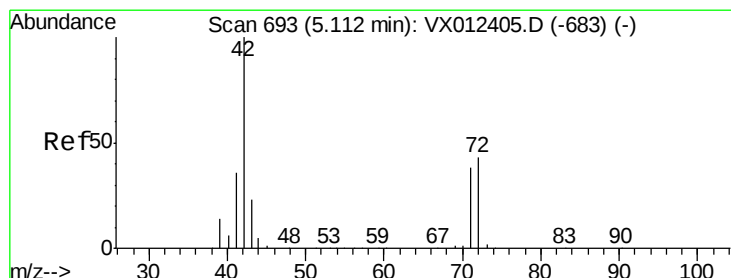
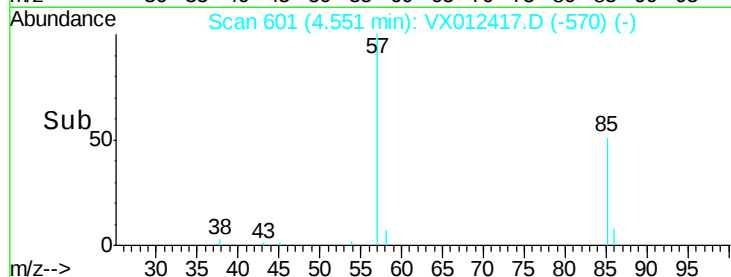
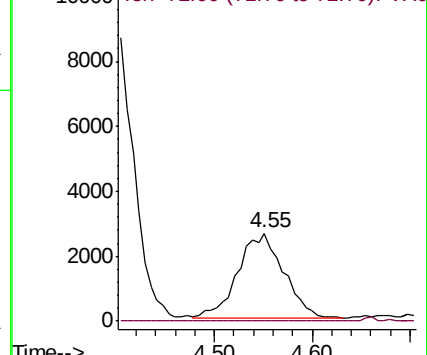
43 100

72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.419 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

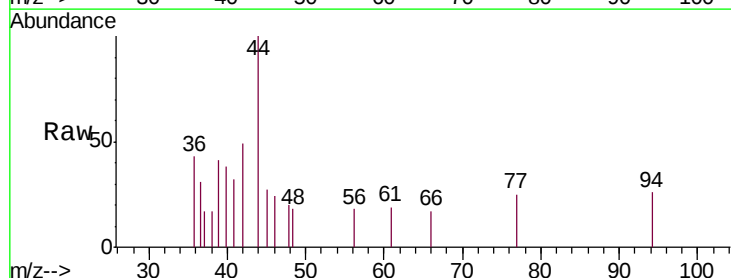
Tgt Ion: 42 Resp: 367

Ion Ratio Lower Upper

42 100

72 0.0 34.9 52.3#

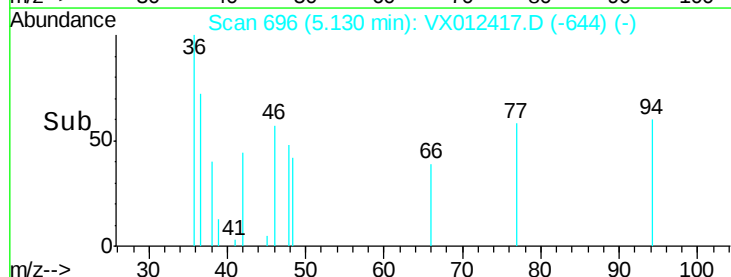
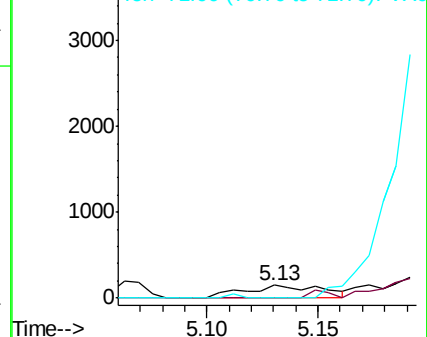
71 0.0 32.6 48.8#

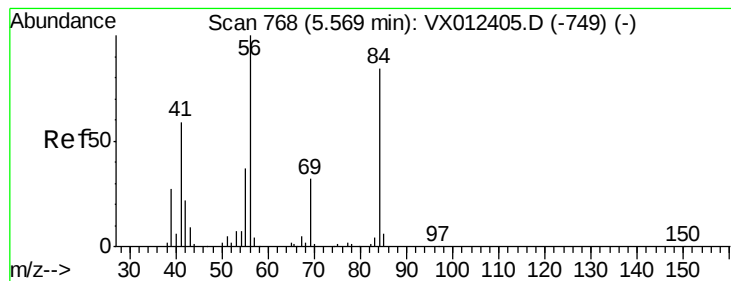


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 116.684 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

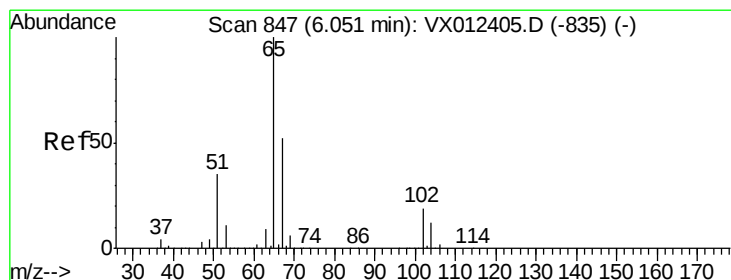
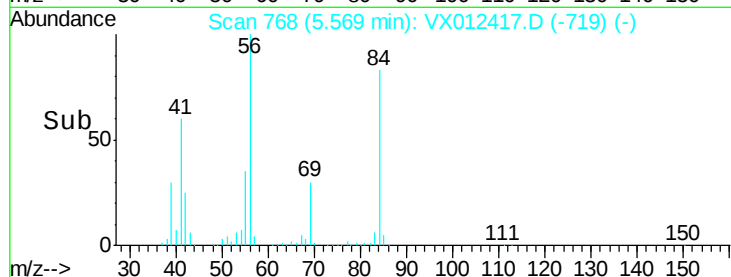
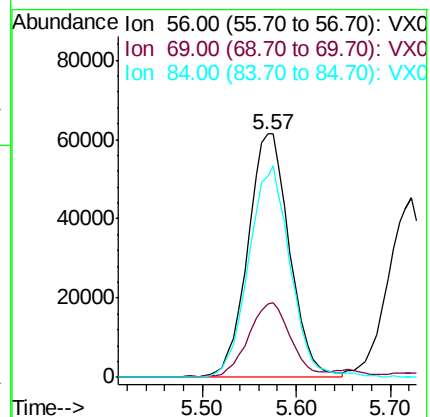
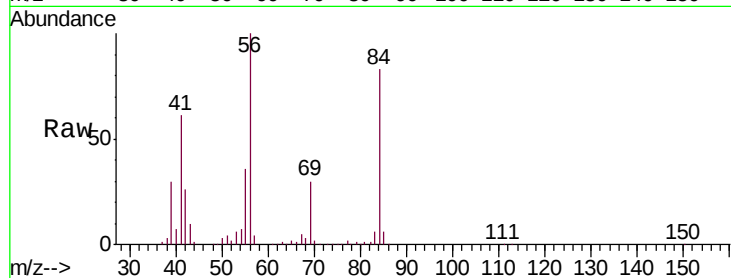
Tgt Ion: 56 Resp: 189388

Ion Ratio Lower Upper

56 100

69 29.9 24.9 37.3

84 82.9 67.2 100.8



#33

1,2-Dichloroethane-d4

Concen: 50.561 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012417.D

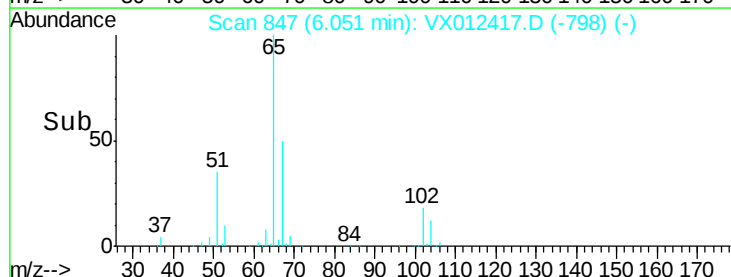
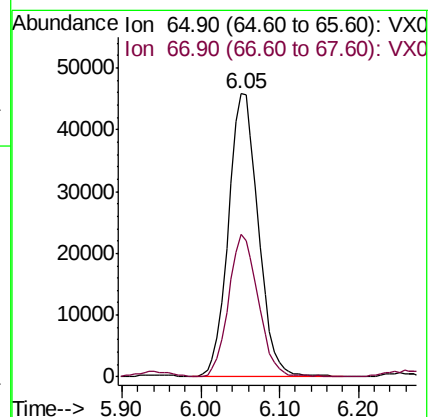
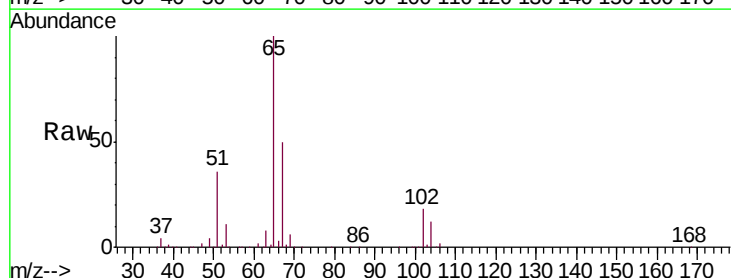
Acq: 16 Sep 2019 19:52

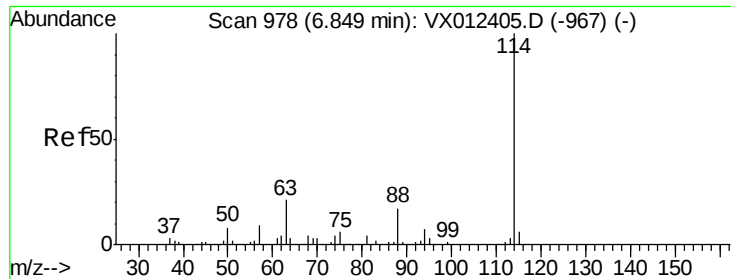
Tgt Ion: 65 Resp: 119449

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

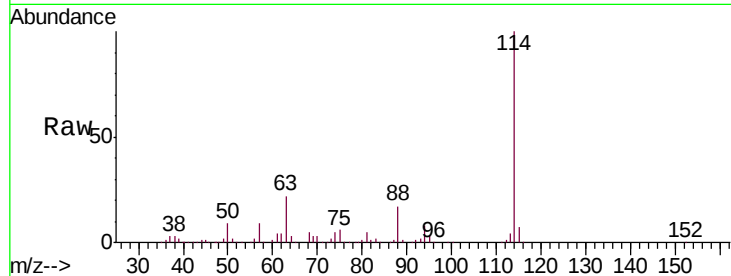
Tgt Ion:114 Resp: 186043

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

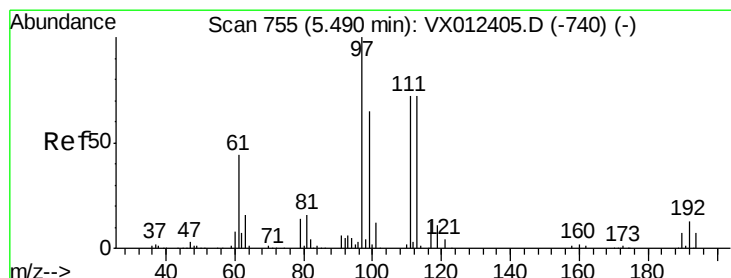
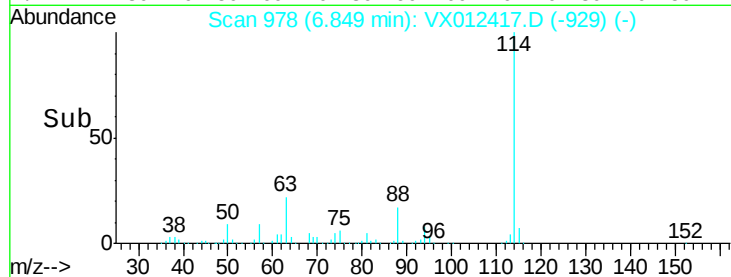
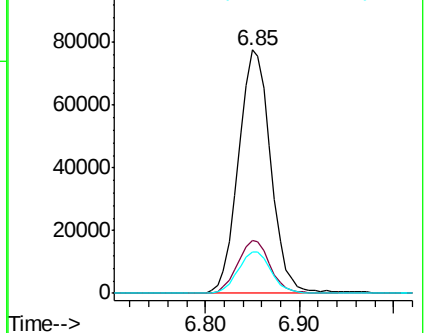
88 17.0 0.0 33.4



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



#35

Dibromofluoromethane

Concen: 47.711 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

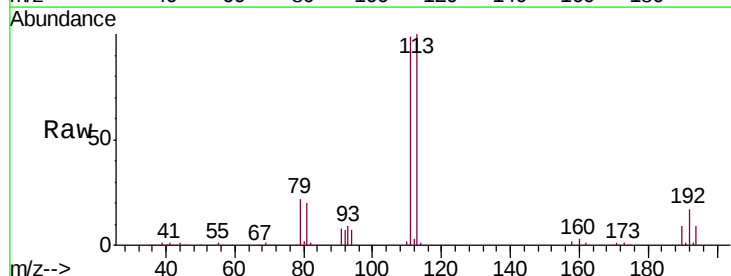
Tgt Ion:113 Resp: 85983

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

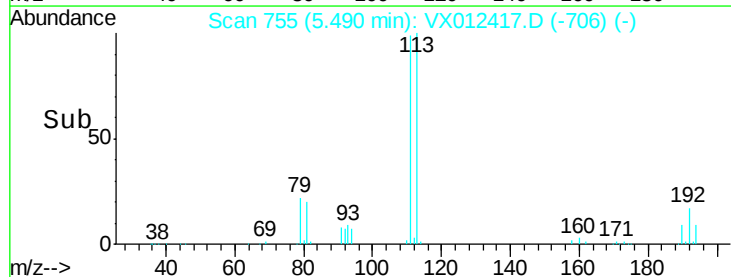
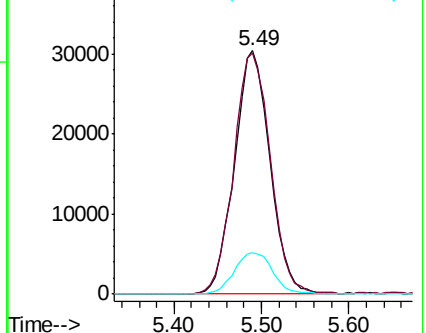
192 18.2 15.0 22.4

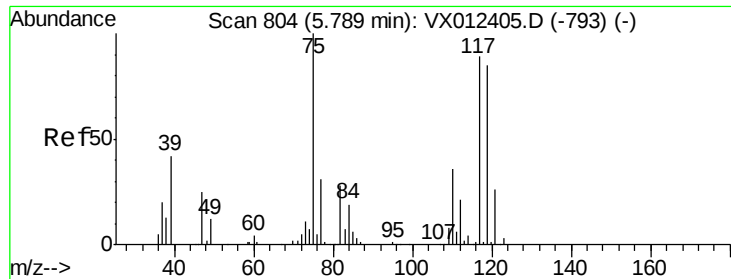


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

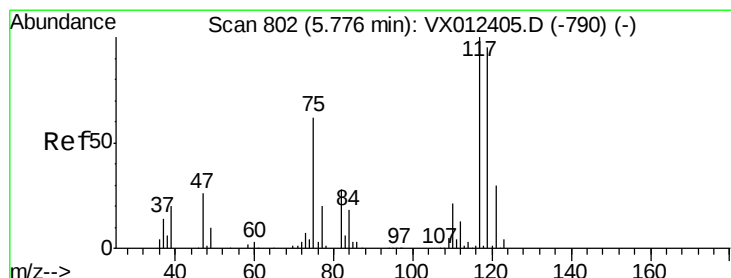
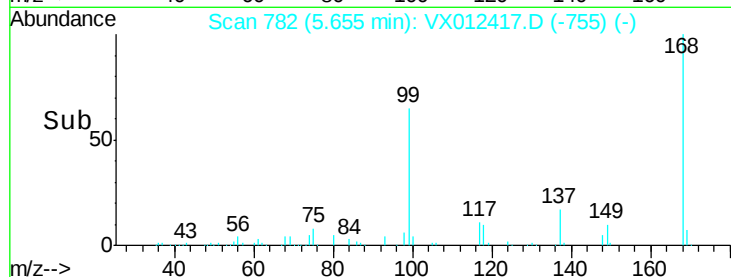
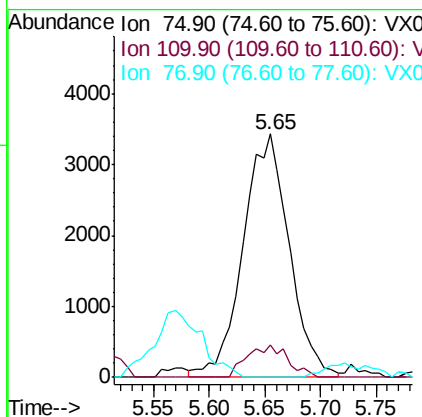
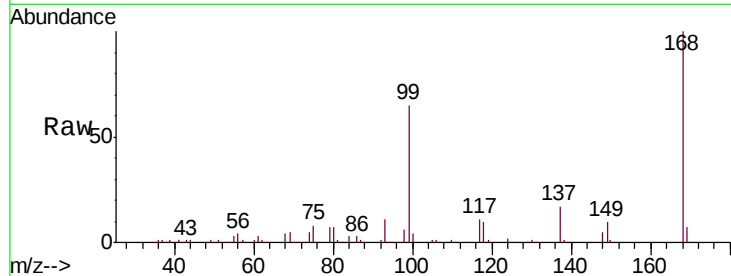




#36
 1,1-Dichloropropene
 Concen: 5.749 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012417.D
 Acq: 16 Sep 2019 19:52

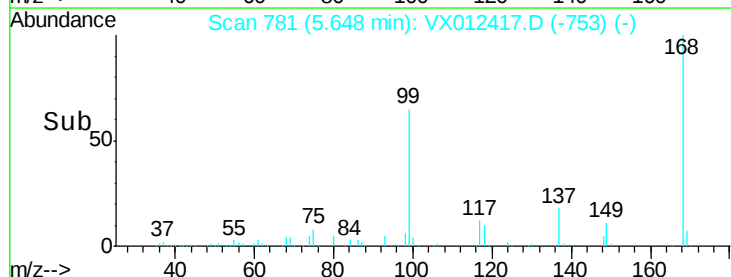
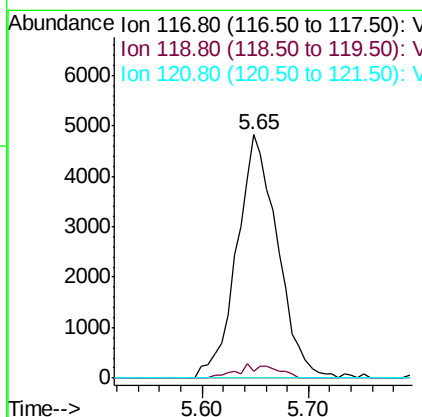
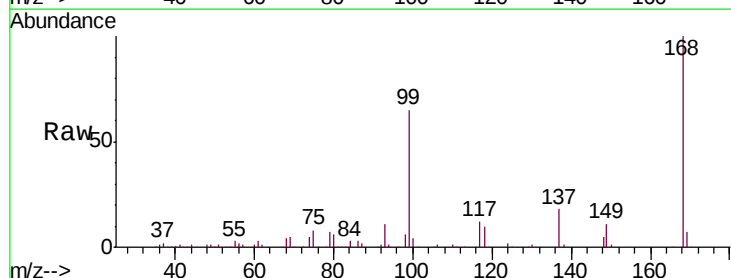
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0273

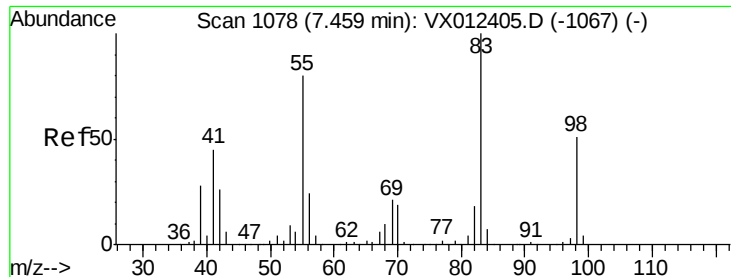
Tgt Ion: 75 Resp: 9884
 Ion Ratio Lower Upper
 75 100
 110 11.6 17.4 52.2#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.149 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX012417.D
 Acq: 16 Sep 2019 19:52

Tgt Ion: 117 Resp: 12901
 Ion Ratio Lower Upper
 117 100
 119 2.7 75.8 113.8#
 121 0.0 23.8 35.6#

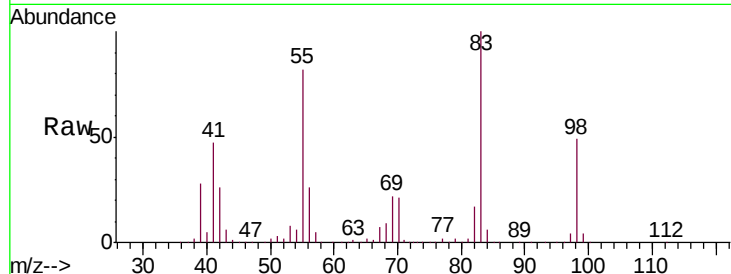




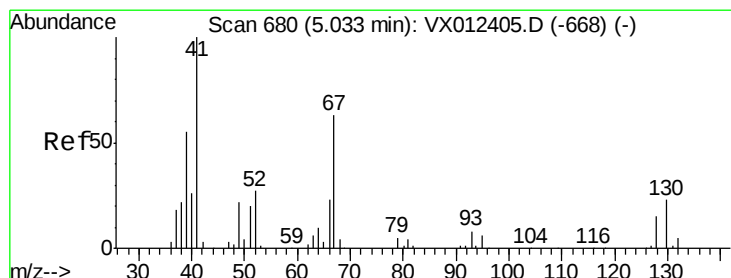
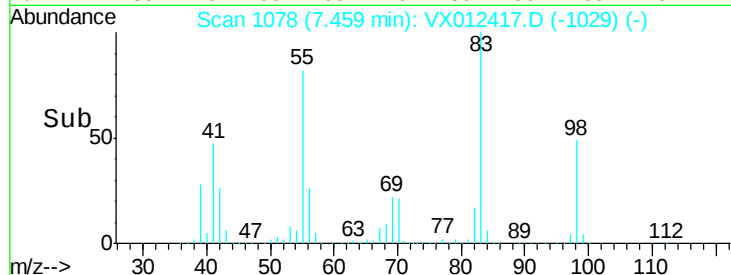
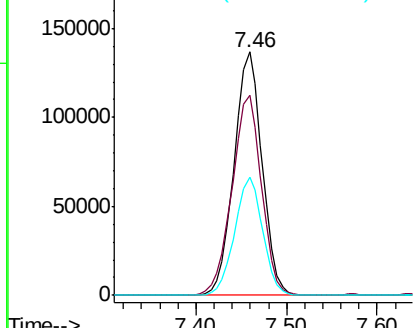
#39
Methylcyclohexane
Concen: 178.092 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Tgt Ion: 83 Resp: 294095
Ion Ratio Lower Upper
83 100
55 82.0 63.8 95.6
98 48.7 40.6 61.0

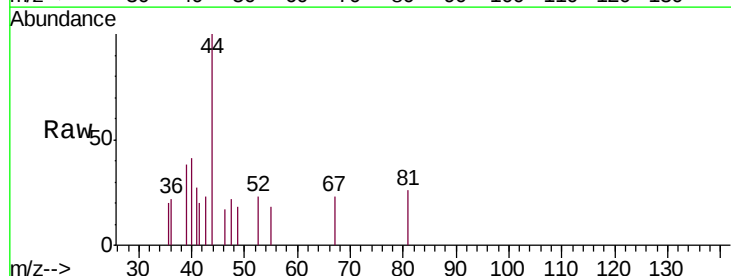


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

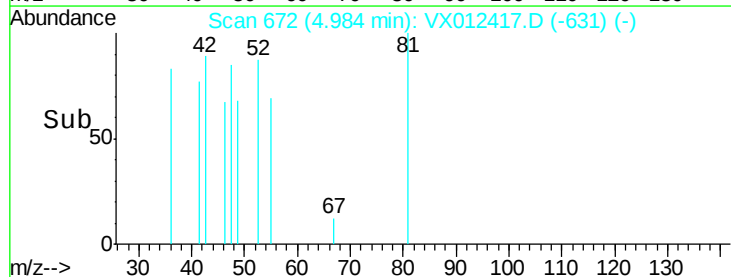
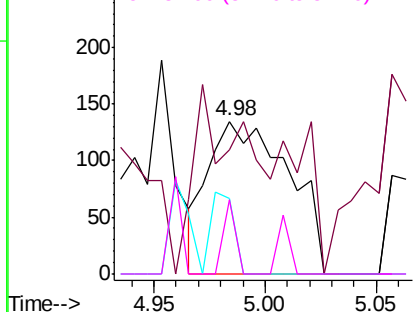


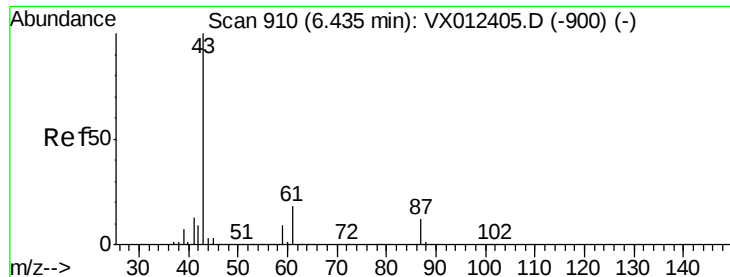
#41
Methacrylonitrile
Concen: 0.224 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.05 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion: 41 Resp: 339
Ion Ratio Lower Upper
41 100
39 0.0 44.4 66.6#
67 15.0 53.8 80.8#
52 7.1 22.2 33.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 1.303 ug/l

RT: 6.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

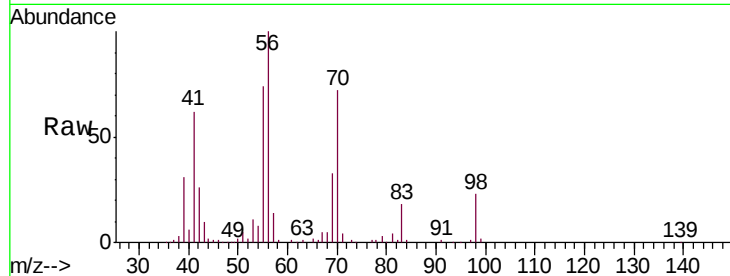
Tgt Ion: 43 Resp: 5918

Ion Ratio Lower Upper

43 100

61 4.3 15.5 23.3#

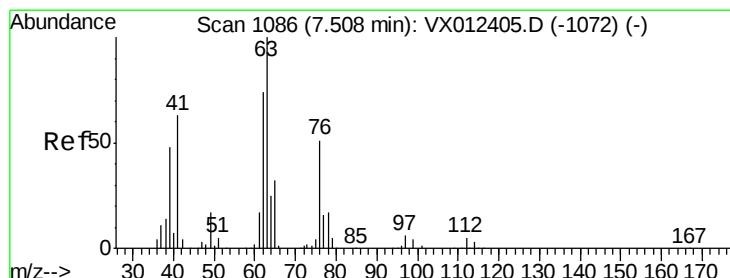
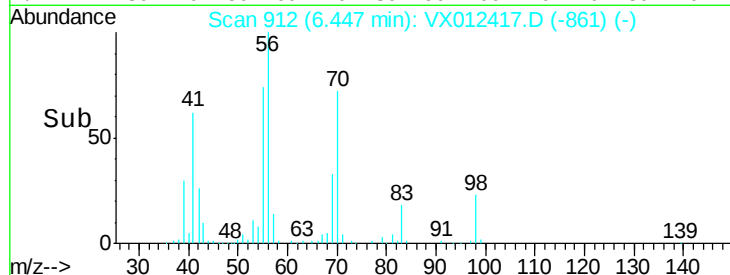
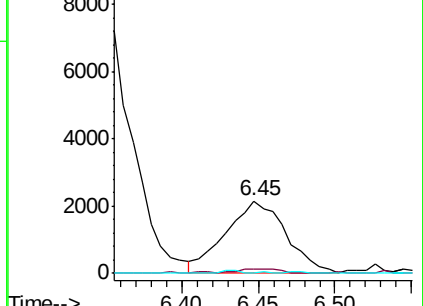
87 0.4 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 2.231 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX012417.D

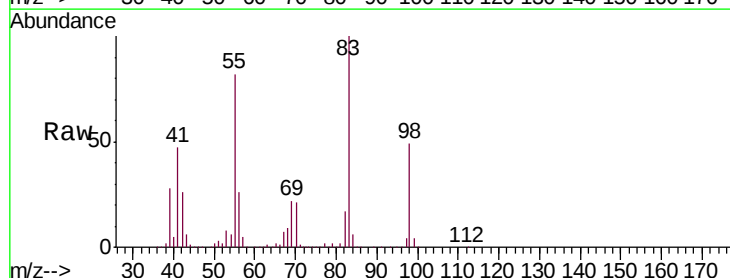
Acq: 16 Sep 2019 19:52

Tgt Ion: 63 Resp: 3612

Ion Ratio Lower Upper

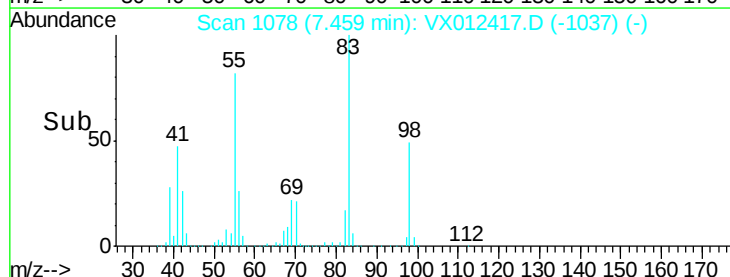
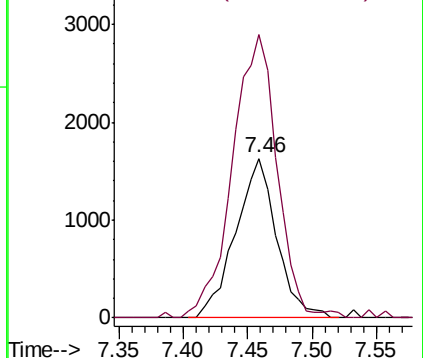
63 100

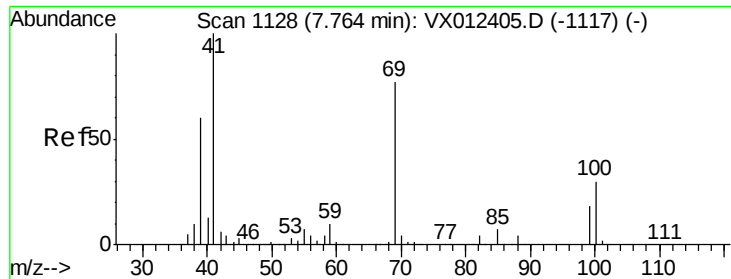
65 174.3 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#48

Methyl methacrylate

Concen: 4.674 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

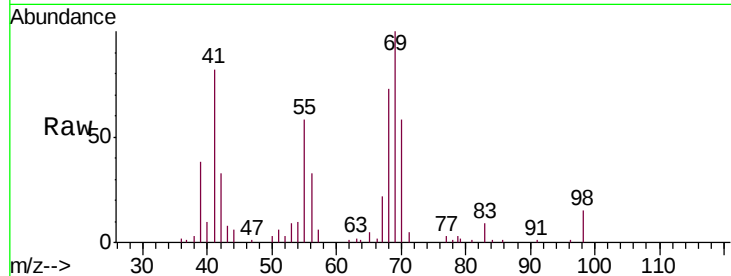
Tgt Ion: 41 Resp: 7481

Ion Ratio Lower Upper

41 100

69 138.8 61.6 92.4#

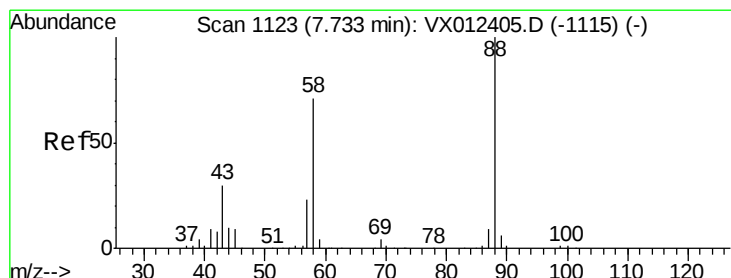
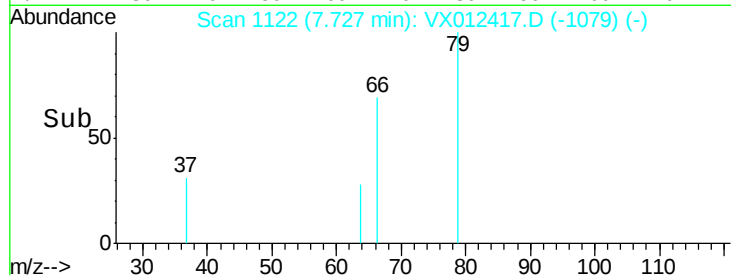
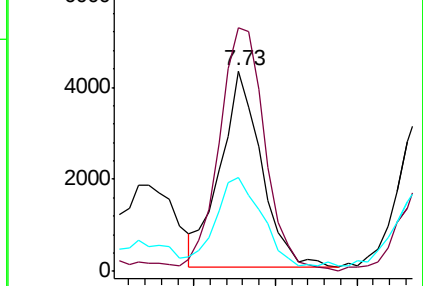
39 49.5 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 0.984 ug/l

RT: 7.59 min Scan# 1100

Delta R.T. -0.14 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

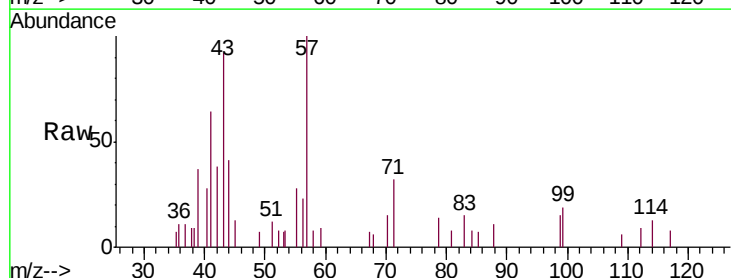
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

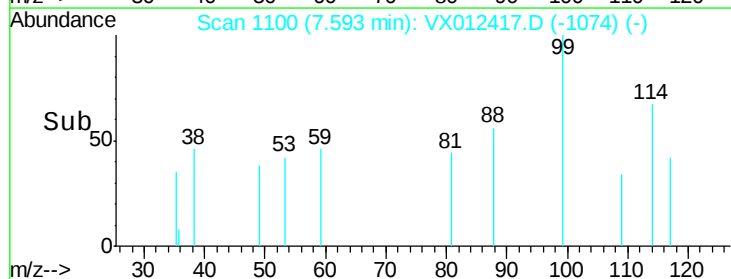
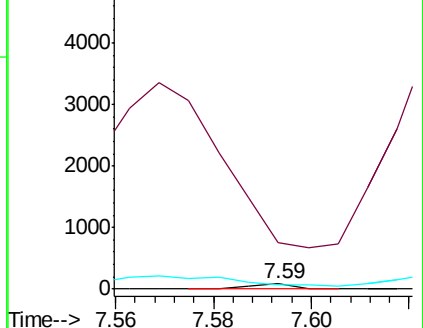
58 0.0 57.1 85.7#

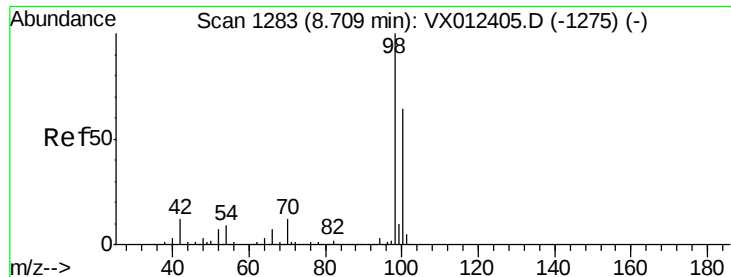


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.598 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

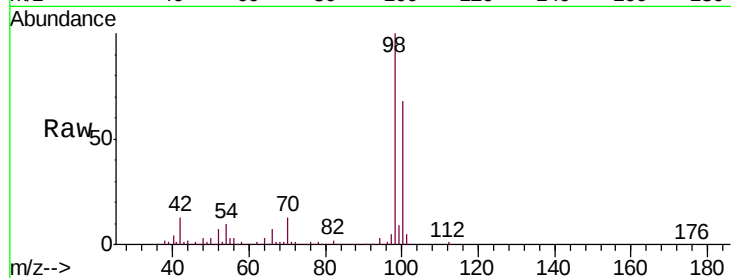
S13-0273

Tgt Ion: 98 Resp: 317189

Ion Ratio Lower Upper

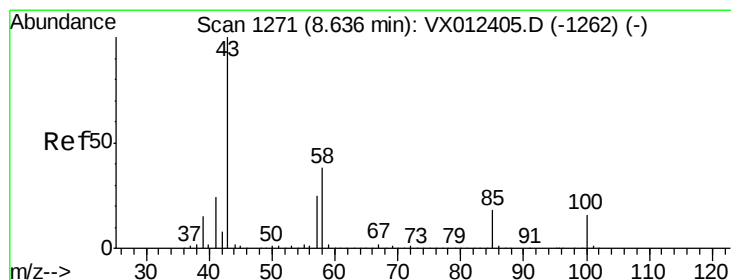
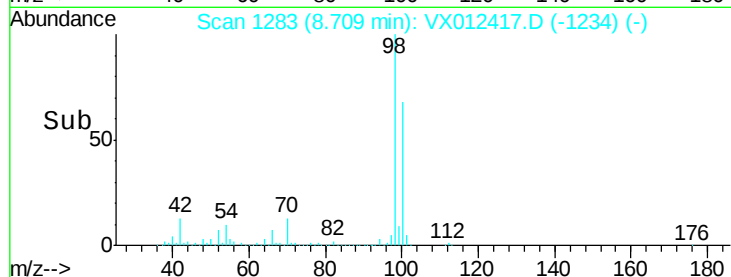
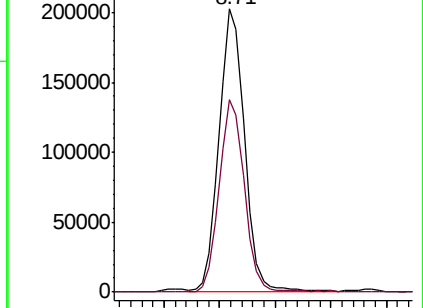
98 100

100 69.0 54.4 81.6



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: 0.221 ug/l

RT: 8.39 min Scan# 1230

Delta R.T. -0.25 min

Lab File: VX012417.D

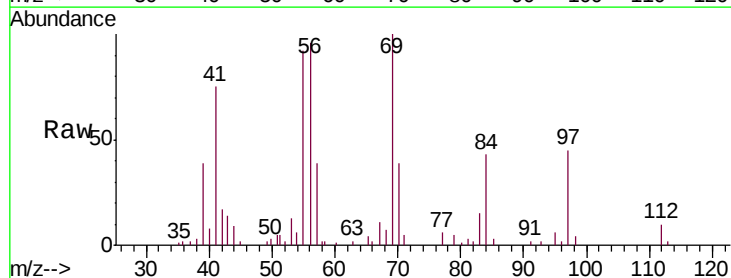
Acq: 16 Sep 2019 19:52

Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

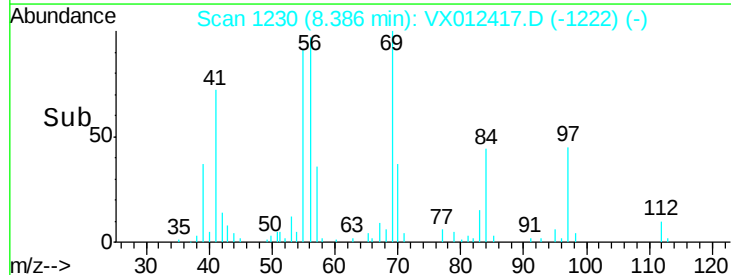
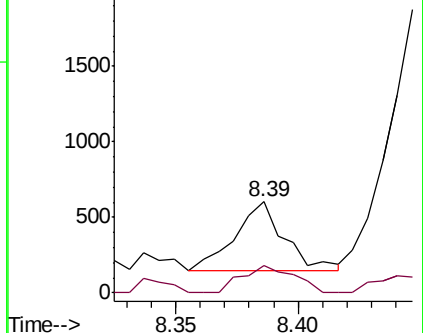
43 100

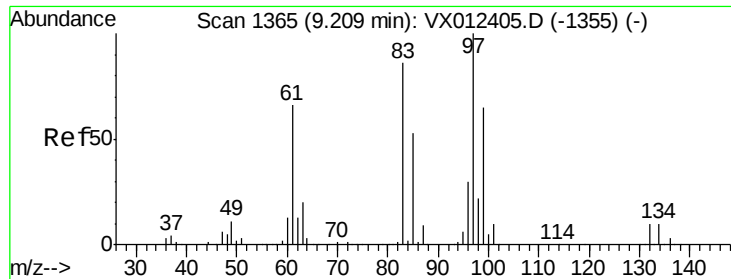
58 42.1 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

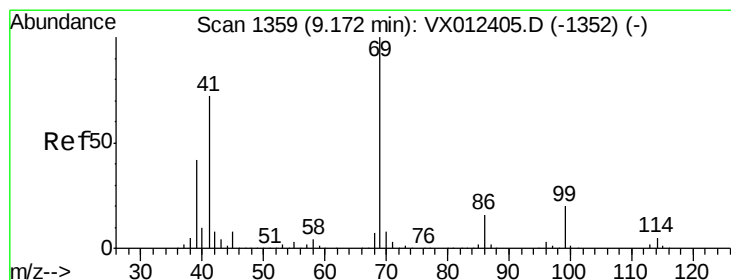
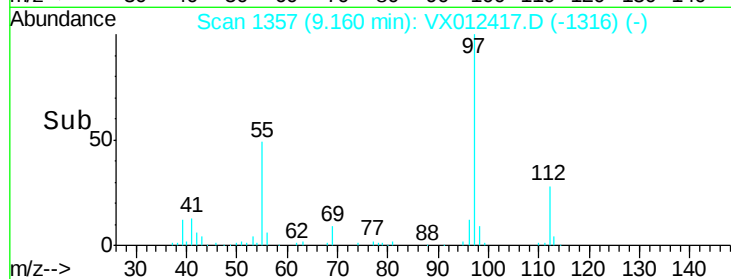
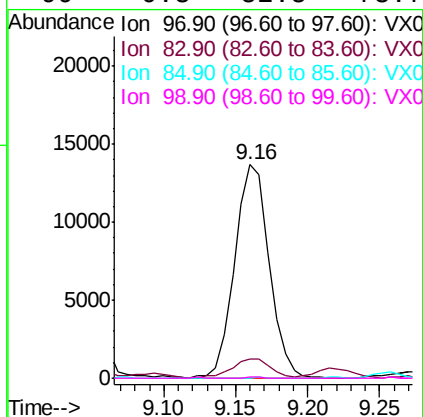
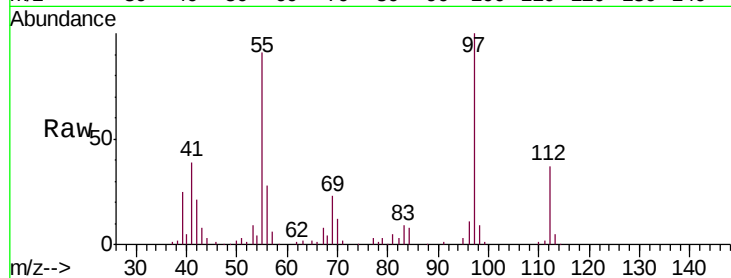




#55
 1,1,2-Trichloroethane
 Concen: 12.643 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012417.D
 Acq: 16 Sep 2019 19:52

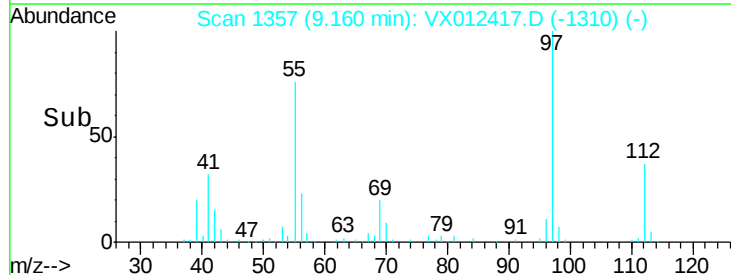
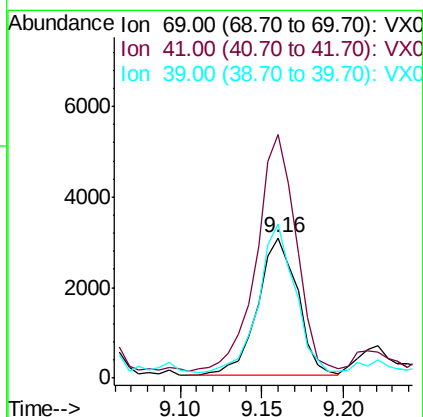
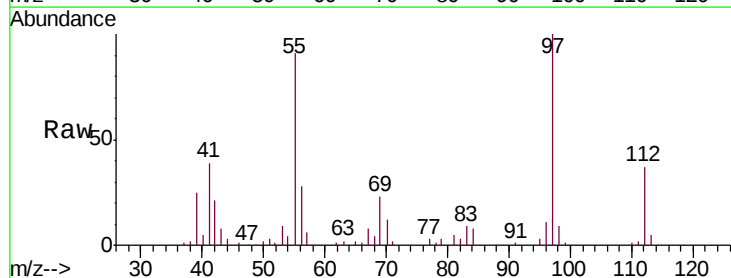
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0273

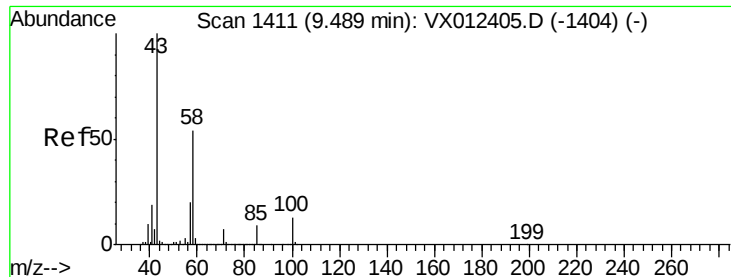
Tgt Ion:	97	Resp:	22910
Ion	Ratio	Lower	Upper
97	100		
83	8.9	68.5	102.7#
85	0.0	42.6	64.0#
99	0.8	52.5	78.7#



#56
 Ethyl methacrylate
 Concen: 1.885 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX012417.D
 Acq: 16 Sep 2019 19:52

Tgt Ion:	69	Resp:	5140
Ion	Ratio	Lower	Upper
69	100		
41	171.5	57.0	85.6#
39	100.5	32.6	49.0#

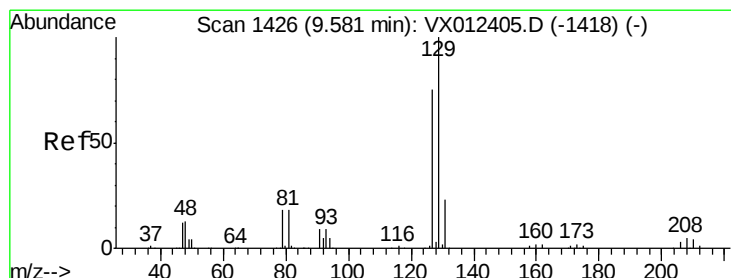
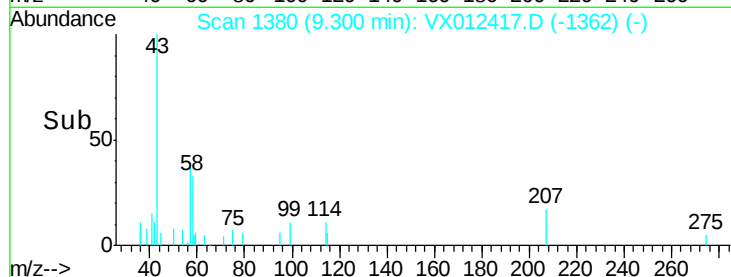
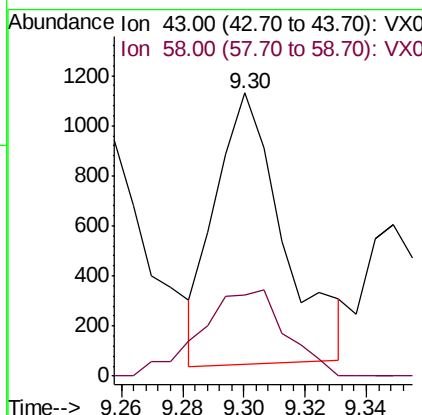
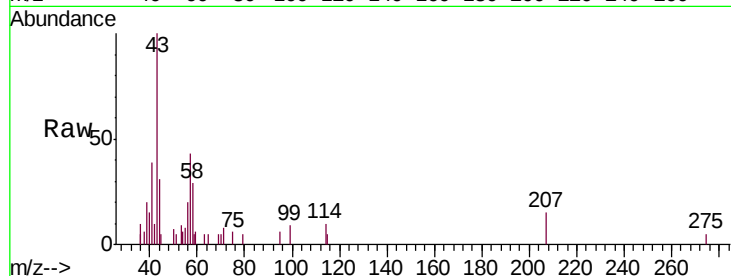




#59
2-Hexanone
Concen: 0.736 ug/l
RT: 9.30 min Scan# 1380
Delta R.T. -0.19 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

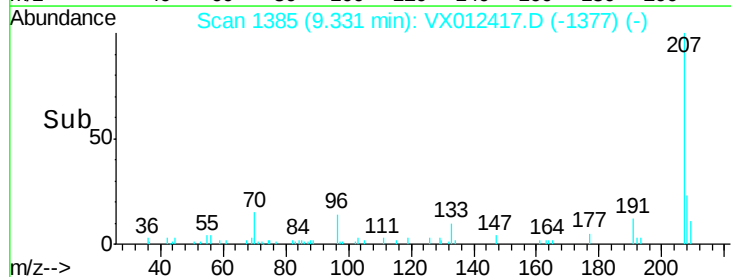
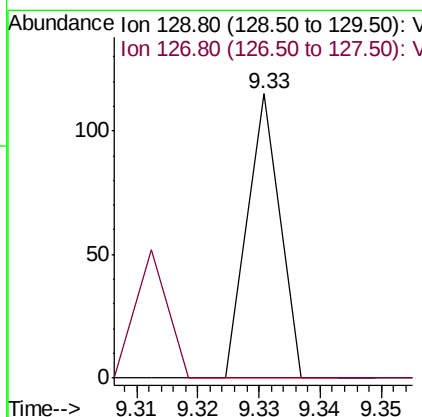
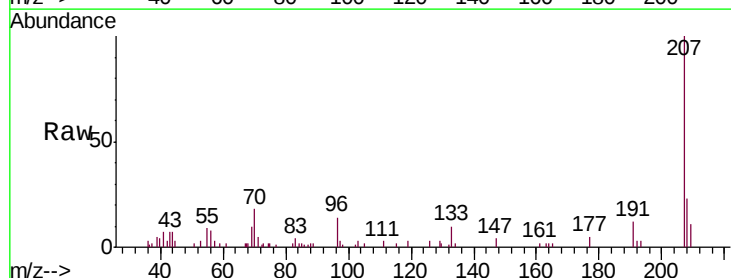
Instrument :
MSVOA_X
ClientSampleId :
S13-0273

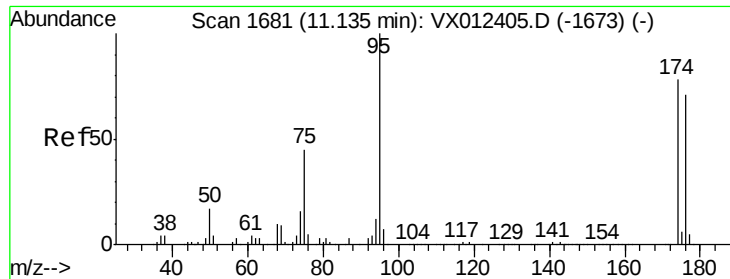
Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 39.8 26.4 79.0



#60
Dibromochloromethane
Concen: 1.763 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion: 129 Resp: 42
Ion Ratio Lower Upper
129 100
127 45.2 38.1 114.3





#62

4-Bromofluorobenzene

Concen: 47.117 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

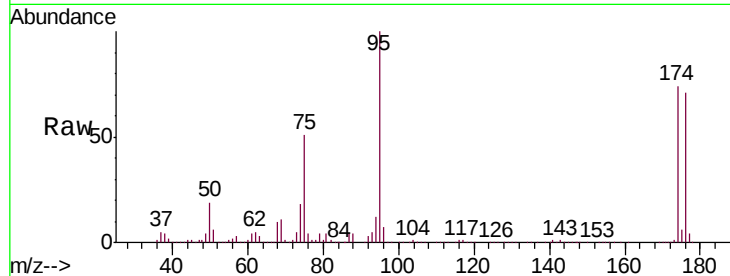
Tgt Ion: 95 Resp: 126772

Ion Ratio Lower Upper

95 100

174 71.1 0.0 146.0

176 69.0 0.0 137.6

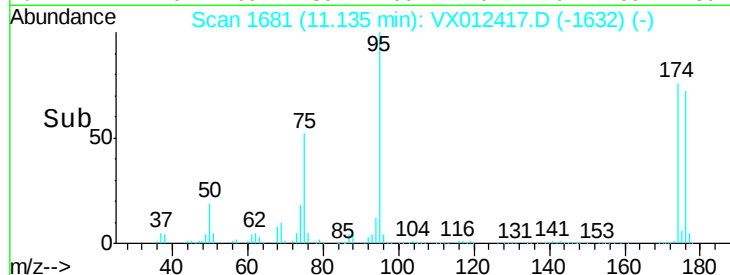


Abundance Ion 94.90 (94.60 to 95.60): VX012417.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012417.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012417.D (-1632) (-)

Time--> 11.05 11.10 11.15

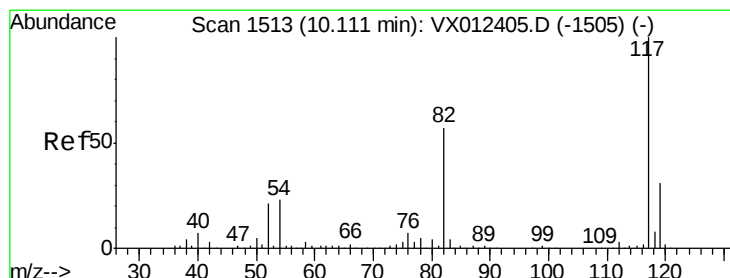


Abundance Ion 94.90 (94.60 to 95.60): VX012417.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012417.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012417.D (-1632) (-)

Time--> 11.05 11.10 11.15



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

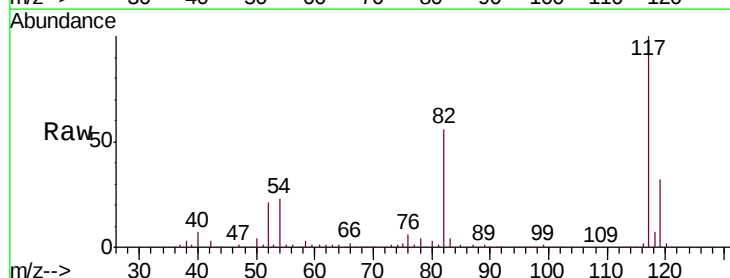
Tgt Ion: 117 Resp: 172955

Ion Ratio Lower Upper

117 100

82 56.0 45.8 68.6

119 31.6 24.9 37.3

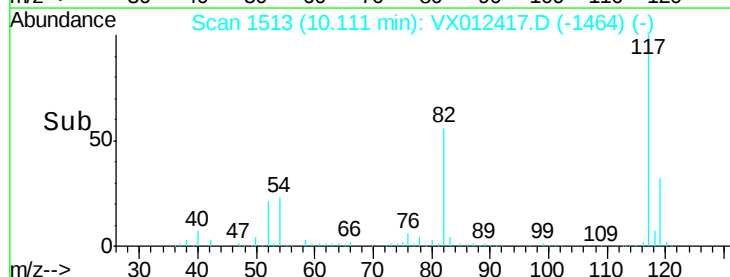


Abundance Ion 116.90 (116.60 to 117.60): VX012417.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012417.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012417.D (-1464) (-)

Time--> 10.00 10.10 10.20

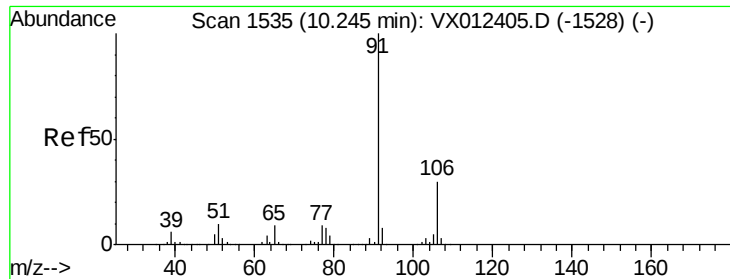


Abundance Ion 116.90 (116.60 to 117.60): VX012417.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012417.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012417.D (-1464) (-)

Time--> 10.00 10.10 10.20



#67

Ethyl Benzene

Concen: 0.497 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

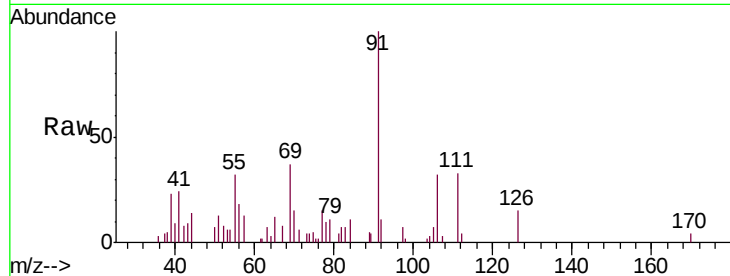
S13-0273

Tgt Ion: 91 Resp: 3426

Ion Ratio Lower Upper

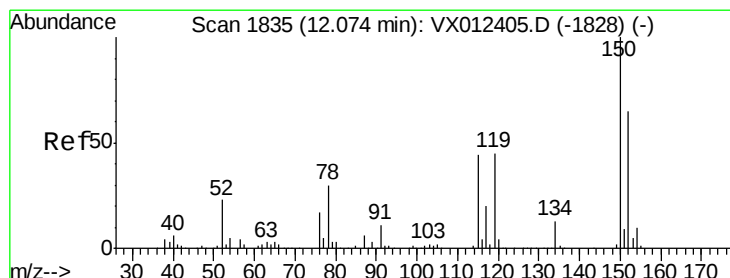
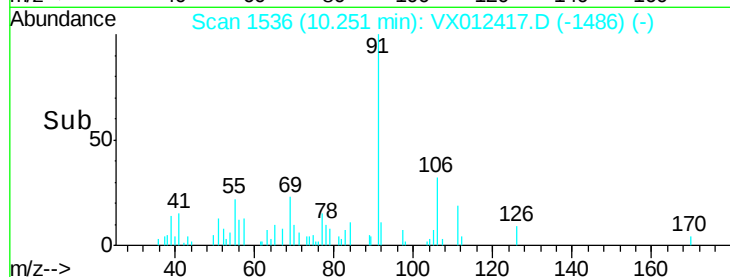
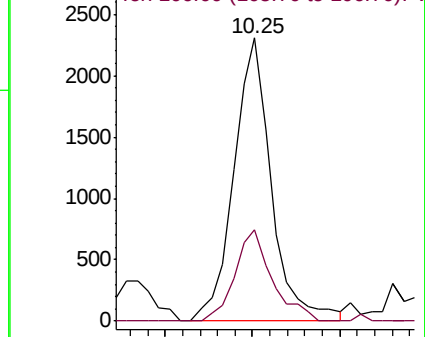
91 100

106 32.3 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

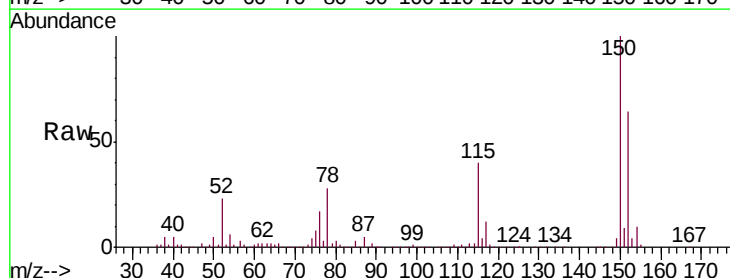
Tgt Ion: 152 Resp: 100465

Ion Ratio Lower Upper

152 100

115 63.1 45.3 135.9

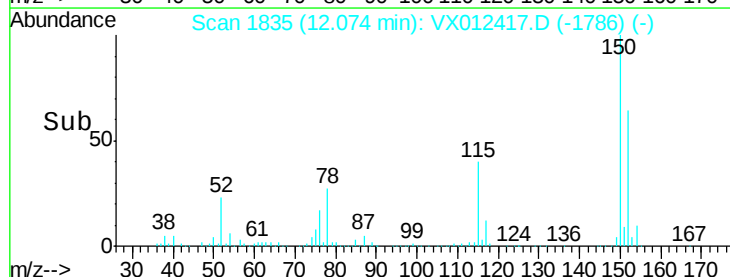
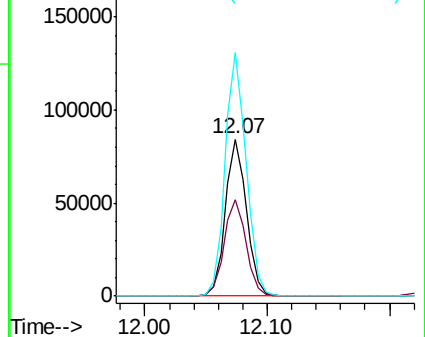
150 154.7 0.0 354.0

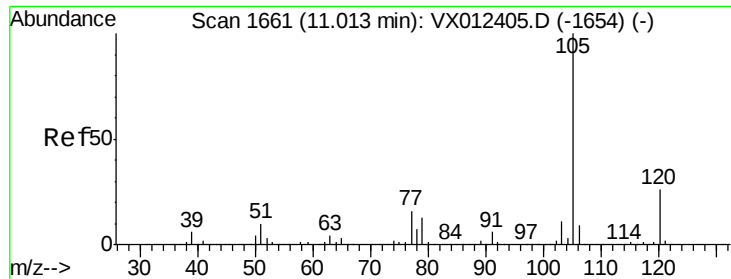


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 7.411 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

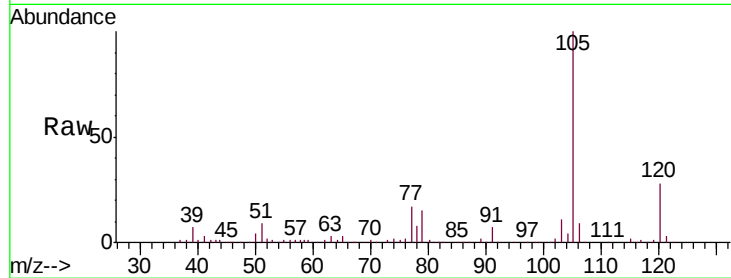
S13-0273

Tgt Ion: 105 Resp: 51727

Ion Ratio Lower Upper

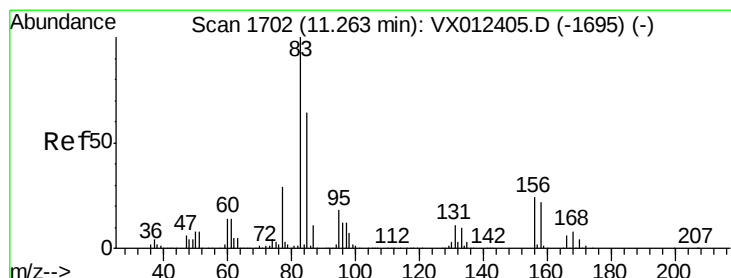
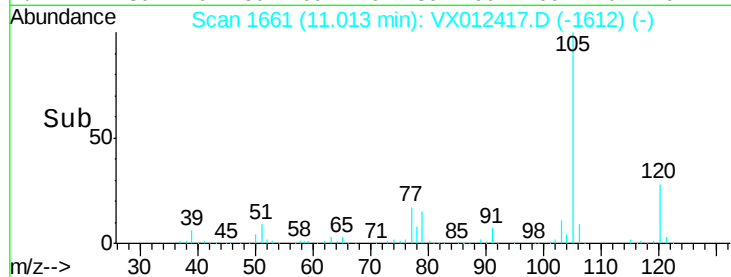
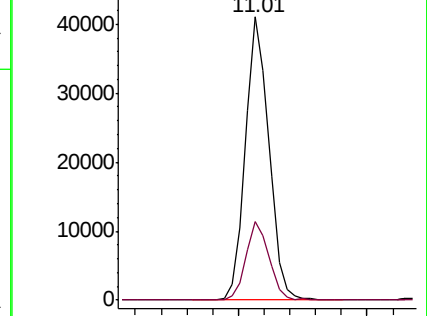
105 100

120 27.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.586 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

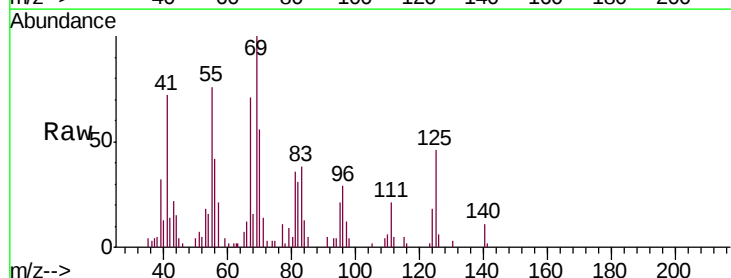
Tgt Ion: 83 Resp: 1640

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

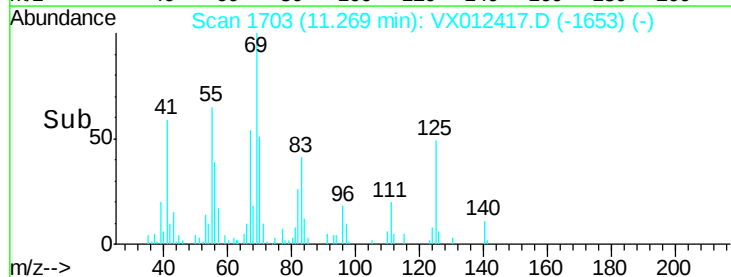
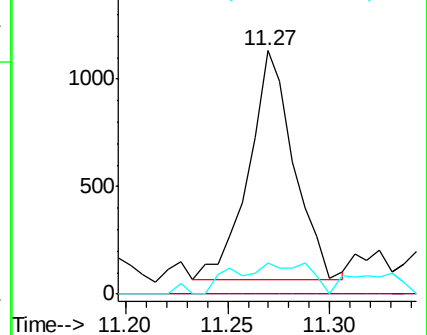
85 6.8 32.9 98.7#

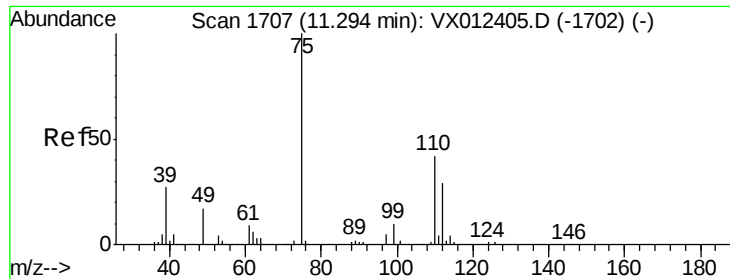


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 25.534 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

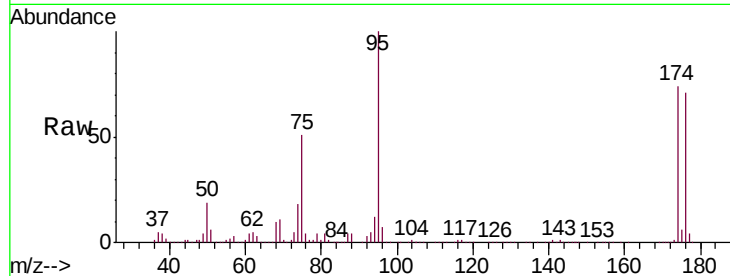
S13-0273

Tgt Ion: 75 Resp: 66313

Ion Ratio Lower Upper

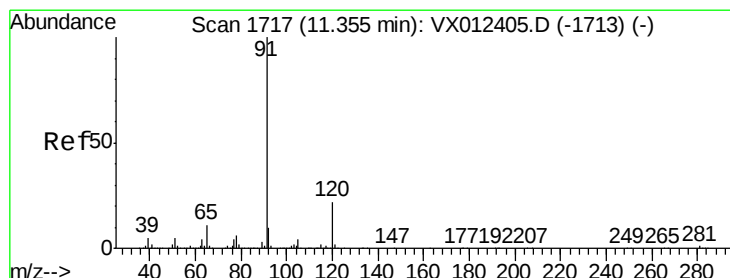
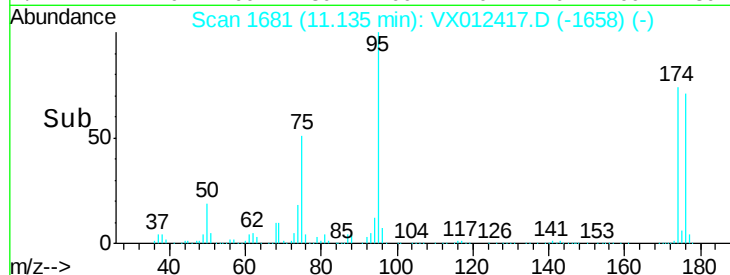
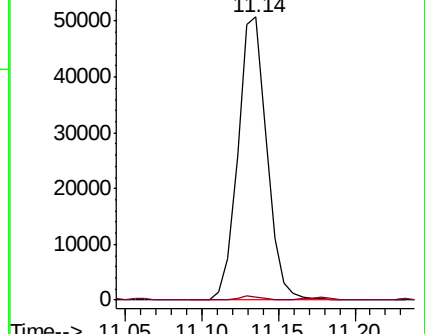
75 100

77 1.1 19.4 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 6.124 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012417.D

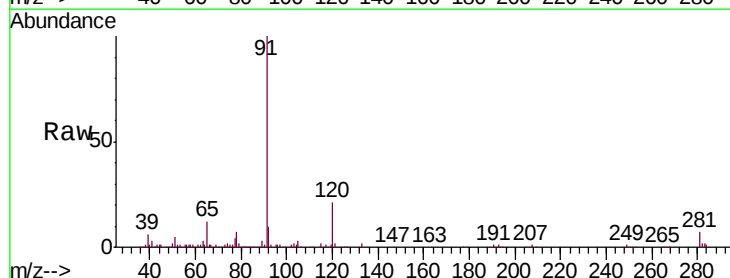
Acq: 16 Sep 2019 19:52

Tgt Ion: 91 Resp: 48310

Ion Ratio Lower Upper

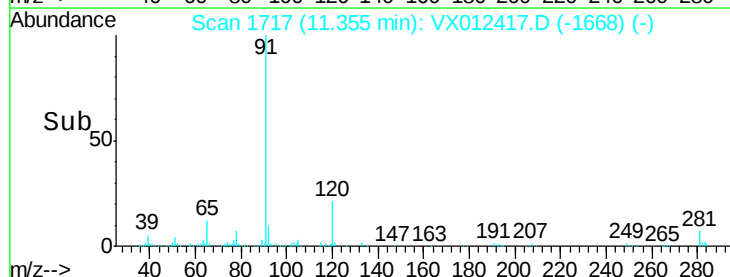
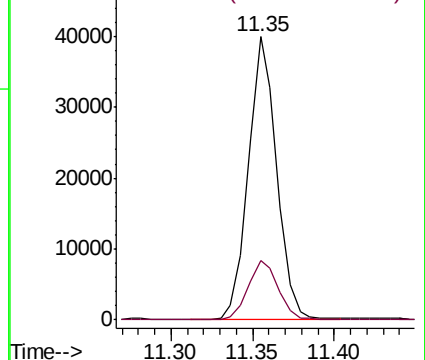
91 100

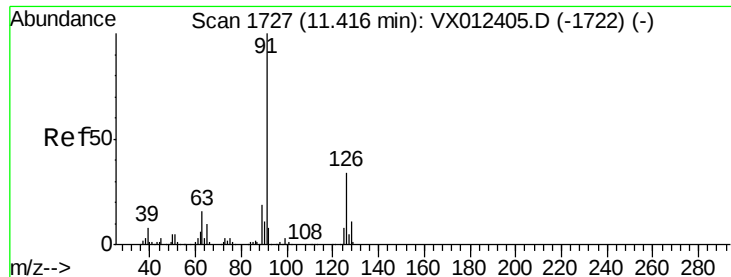
120 22.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.540 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

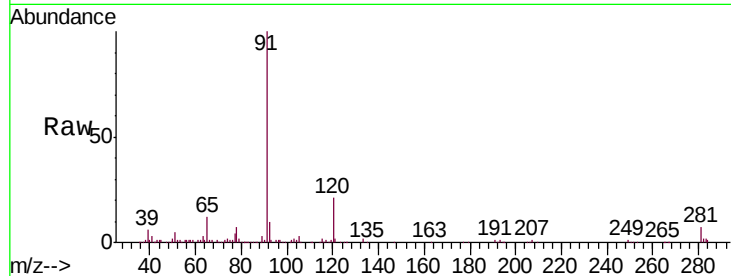
S13-0273

Tgt Ion: 91 Resp: 48310

Ion Ratio Lower Upper

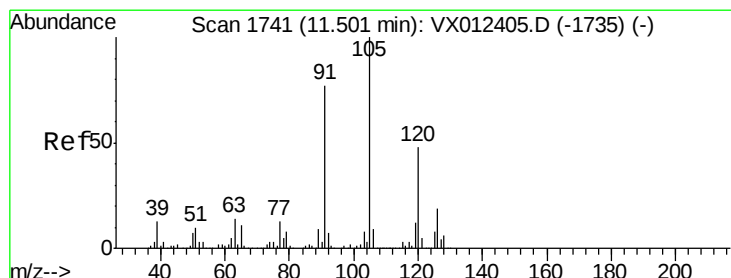
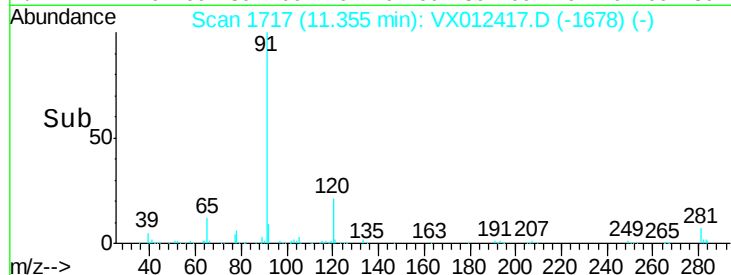
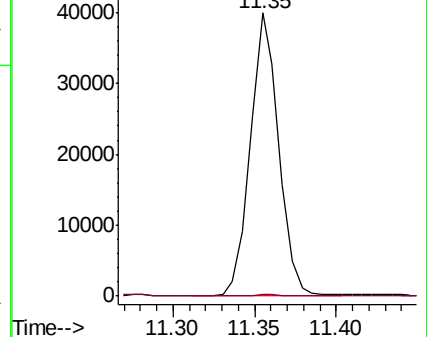
91 100

126 0.4 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VX012417.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX012417.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.239 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012417.D

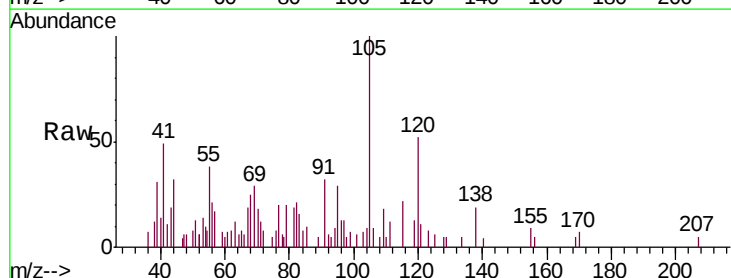
Acq: 16 Sep 2019 19:52

Tgt Ion: 105 Resp: 1452

Ion Ratio Lower Upper

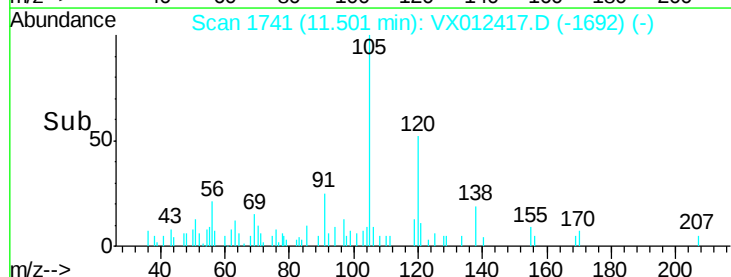
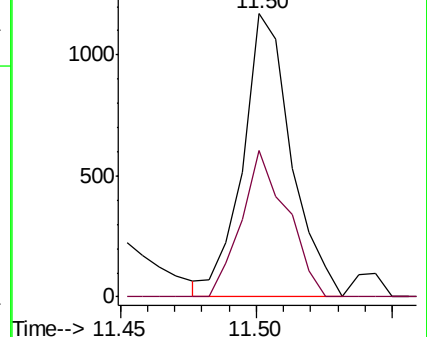
105 100

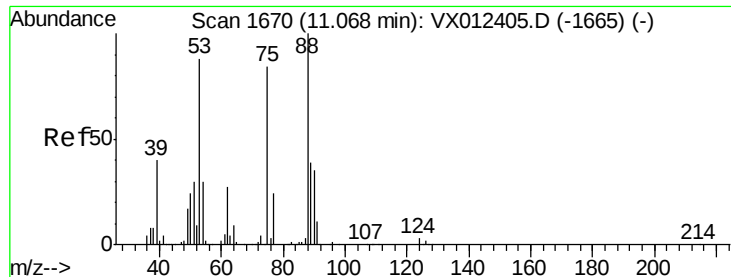
120 48.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX012417.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX012417.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 72.081 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

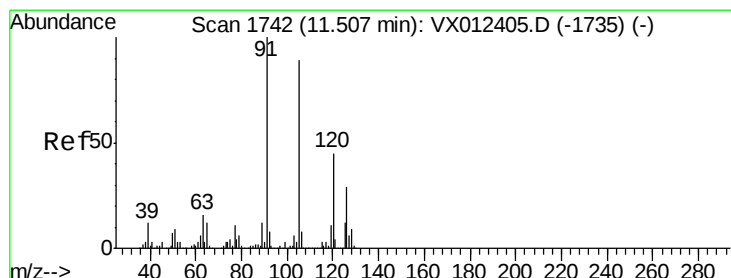
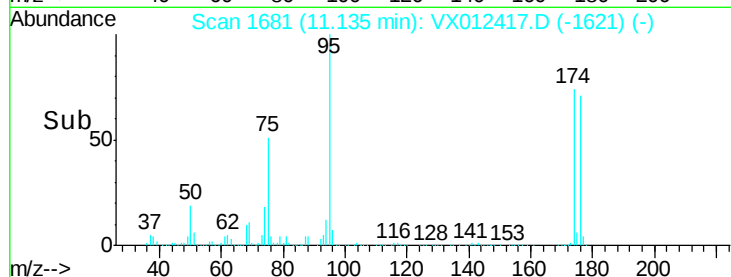
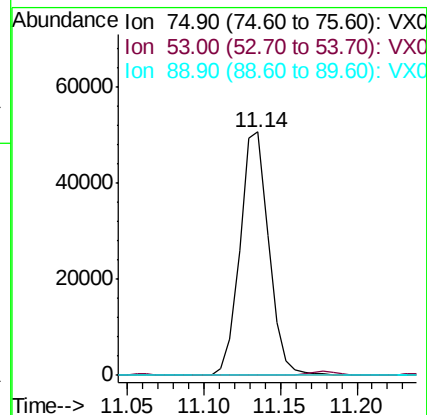
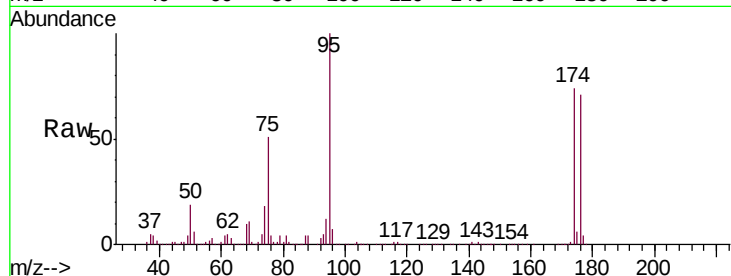
Tgt Ion: 75 Resp: 66313

Ion Ratio Lower Upper

75 100

53 0.0 84.6 127.0#

89 0.0 38.8 58.2#



#82

4-Chlorotoluene

Concen: 8.181 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX012417.D

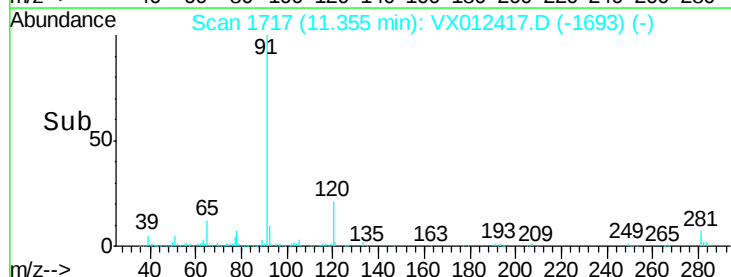
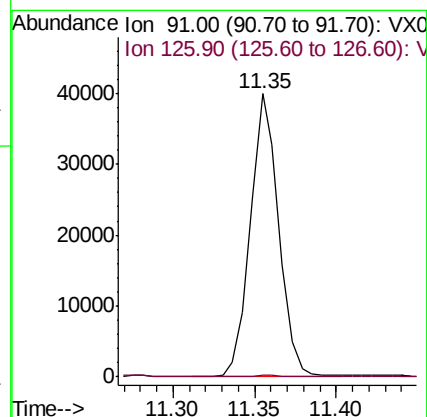
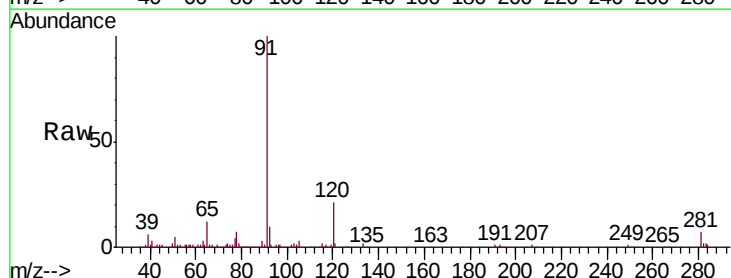
Acq: 16 Sep 2019 19:52

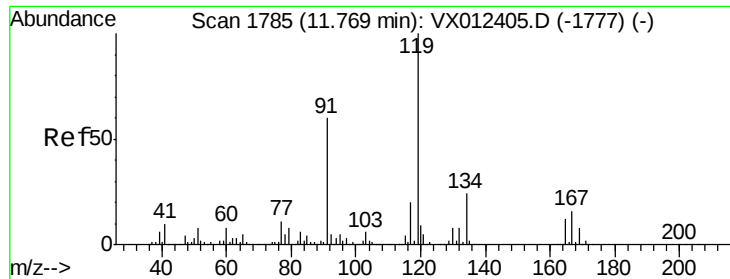
Tgt Ion: 91 Resp: 48310

Ion Ratio Lower Upper

91 100

126 0.4 14.1 42.3#

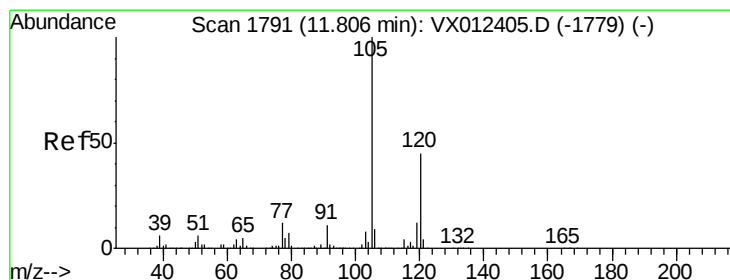
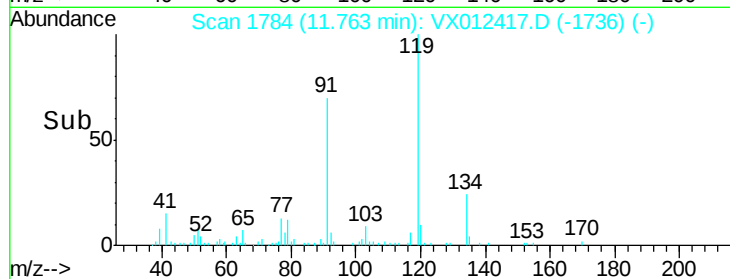
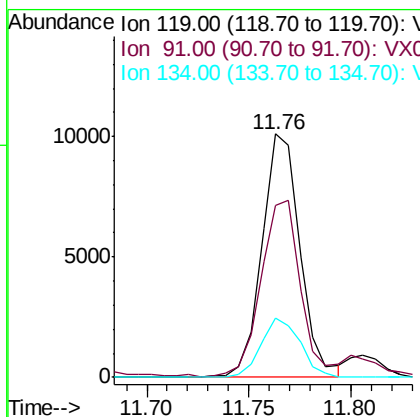
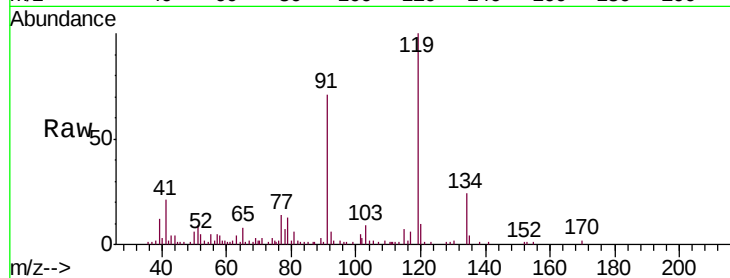




#83
 tert-Butylbenzene
 Concen: 2.039 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012417.D
 Acq: 16 Sep 2019 19:52

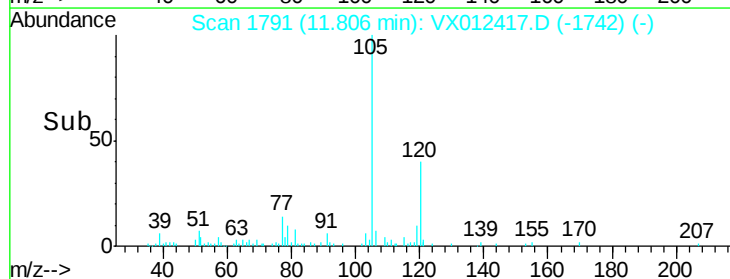
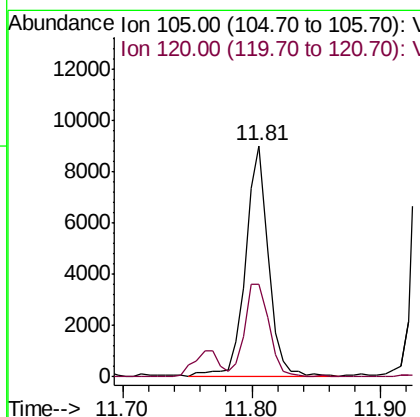
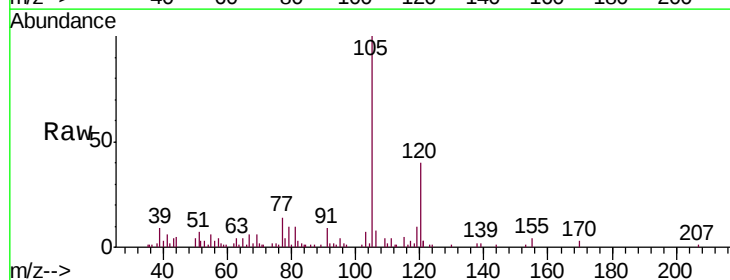
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0273

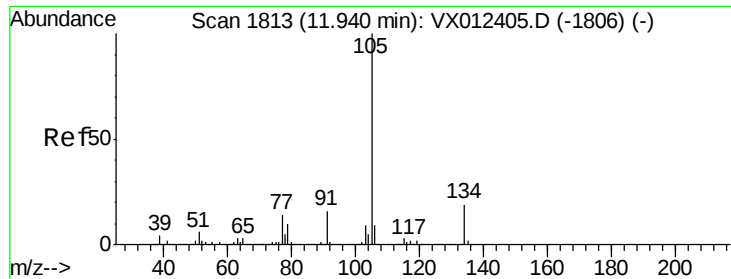
Tgt Ion:119 Resp: 13147
 Ion Ratio Lower Upper
 119 100
 91 74.8 29.6 88.8
 134 25.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.787 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012417.D
 Acq: 16 Sep 2019 19:52

Tgt Ion:105 Resp: 11020
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 9.919 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

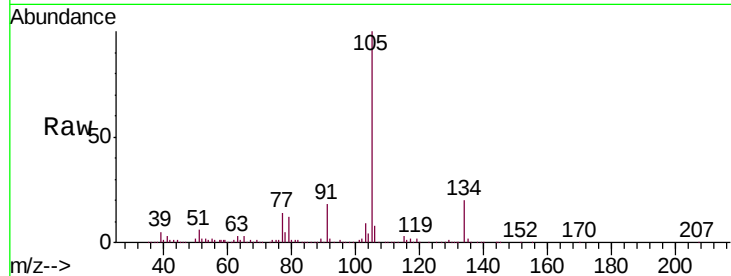
S13-0273

Tgt Ion:105 Resp: 70697

Ion Ratio Lower Upper

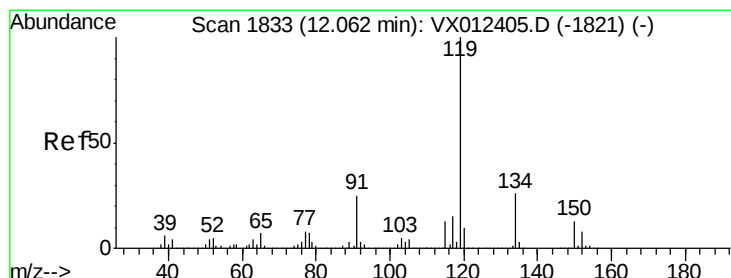
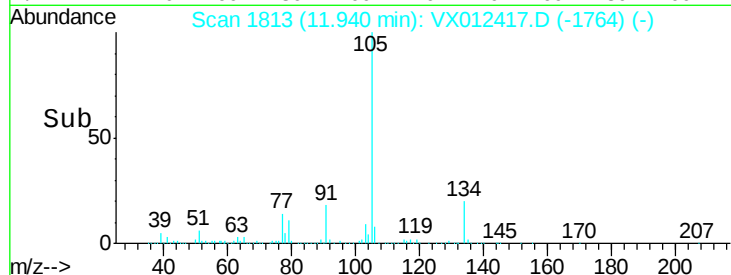
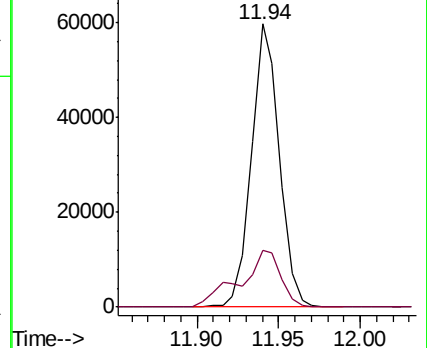
105 100

134 29.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.789 ug/l

RT: 12.23 min Scan# 1860

Delta R.T. 0.16 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

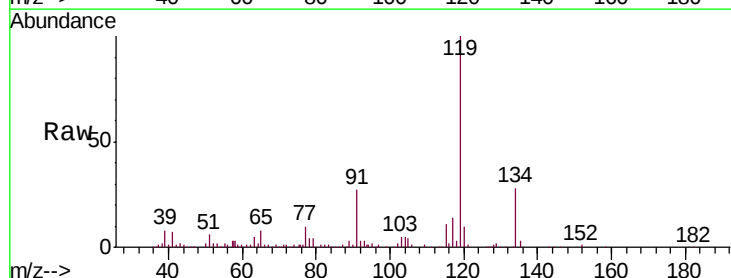
Tgt Ion:119 Resp: 31273

Ion Ratio Lower Upper

119 100

134 28.1 12.9 38.6

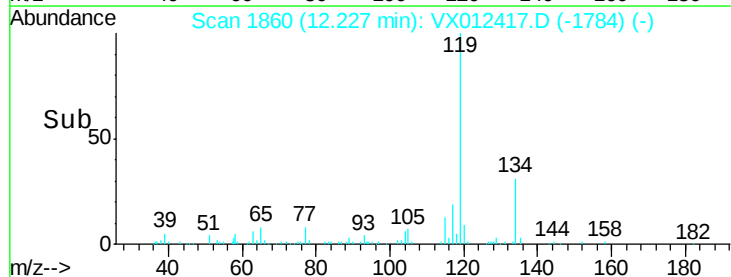
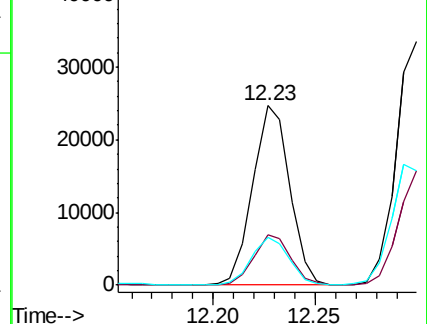
91 26.2 12.9 38.6

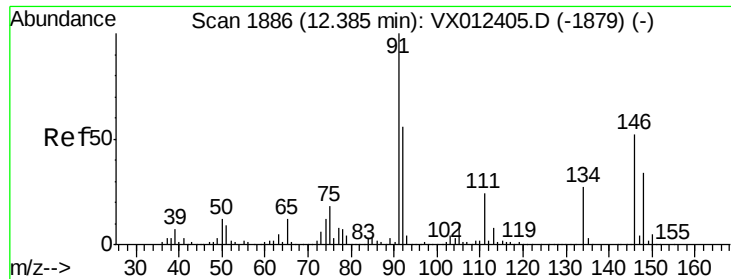


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 3.954 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

S13-0273

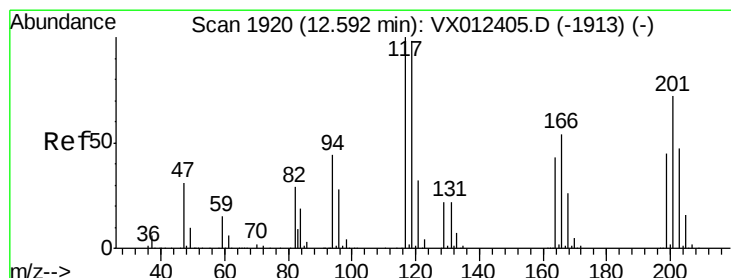
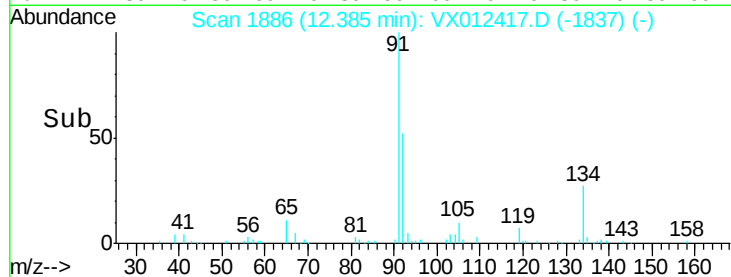
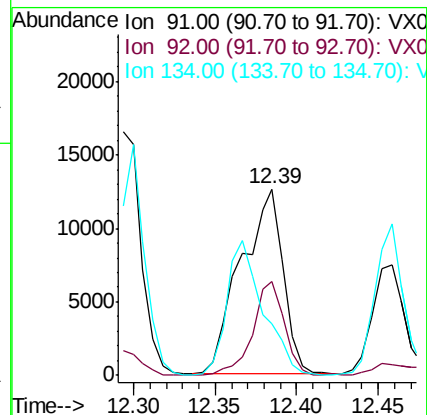
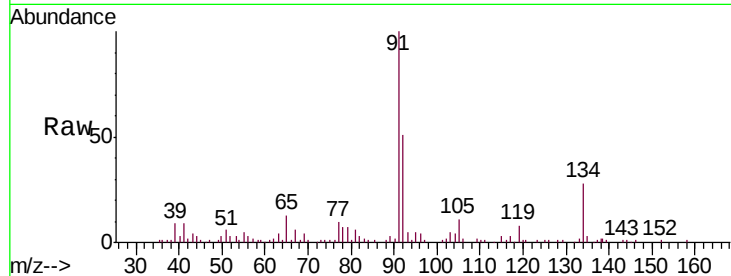
Tgt Ion: 91 Resp: 22800

Ion Ratio Lower Upper

91 100

92 37.7 27.5 82.4

134 62.8 13.2 39.6#



#90

Hexachloroethane

Concen: 12.360 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX012417.D

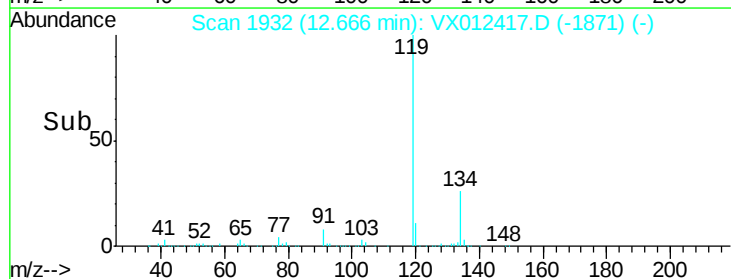
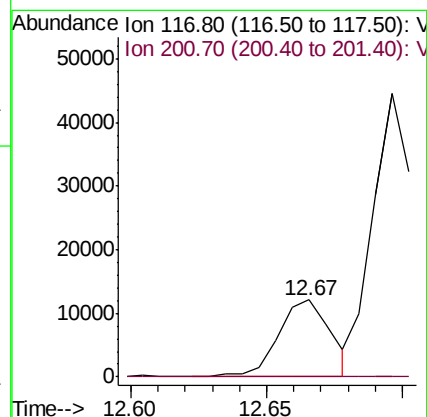
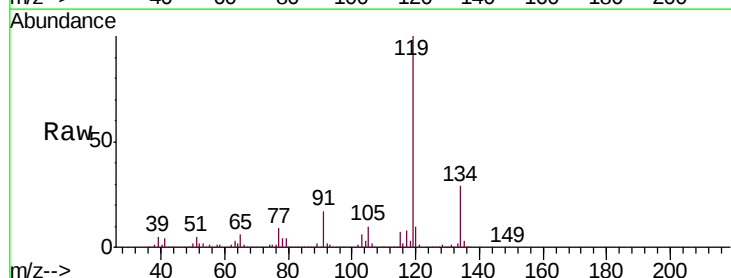
Acq: 16 Sep 2019 19:52

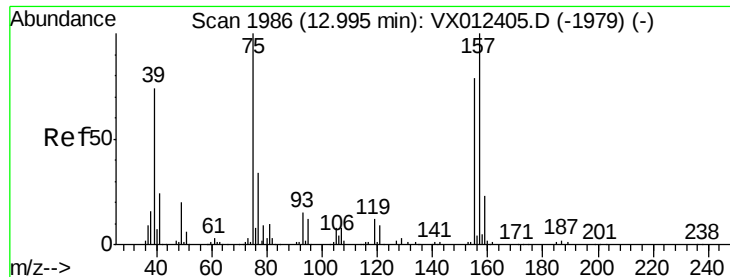
Tgt Ion: 117 Resp: 15603

Ion Ratio Lower Upper

117 100

201 0.0 35.2 105.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.918 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

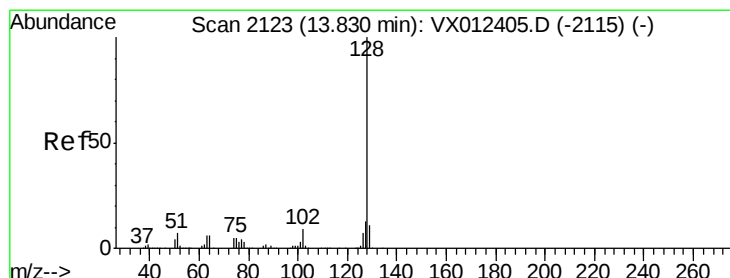
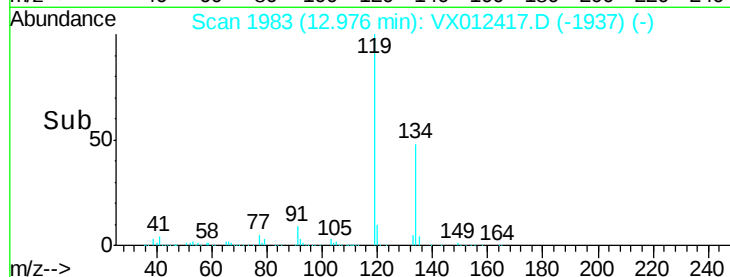
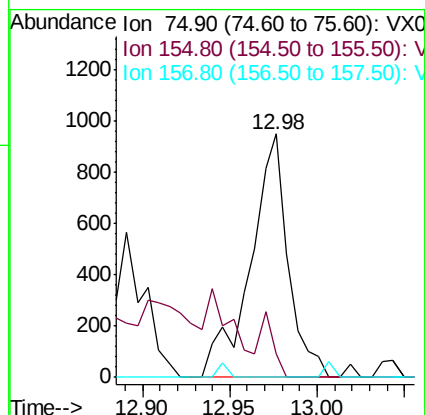
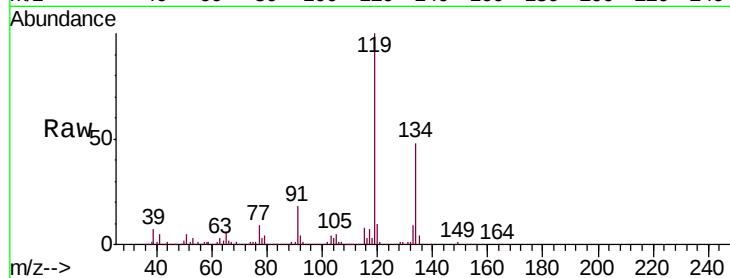
Tgt Ion: 75 Resp: 1418

Ion Ratio Lower Upper

75 100

155 0.0 39.8 119.4#

157 0.0 50.0 150.1#



#95

Naphthalene

Concen: 3.988 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Tgt Ion: 128 Resp: 31139

Ion Ratio Lower Upper

128 100

127 17.8 10.2 15.4#

129 12.3 8.6 13.0

