

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017330.D
 Acq On : 10 Jul 2020 13:06
 Operator : JC/SP
 Sample : VX0710WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:40:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	52463	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	264404	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	250946	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	114122	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.12	95	125627	29.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.80%
63) Toluene-d8	8.70	98	324405	30.56	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	41364	18.037	ug/l 95
3) Chloromethane	1.31	50	42979	17.591	ug/l 99
4) Vinyl Chloride	1.39	62	44021	17.486	ug/l 99
5) Bromomethane	1.64	94	32526	19.384	ug/l 97
6) Chloroethane	1.71	64	29695	17.839	ug/l 98
7) Trichlorofluoromethane	1.92	101	83089	18.580	ug/l 99
8) Diethyl Ether	2.17	74	27292	17.202	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48149	19.691	ug/l 98
10) 1,1-Dichloroethene	2.36	96	43171	17.907	ug/l 98
11) Methyl Iodide	2.49	142	49299	17.366	ug/l 97
12) Methyl Acetate	2.75	43	61909	18.430	ug/l 95
13) Acrolein	2.27	56	41264	94.990	ug/l 95
14) Acrylonitrile	3.12	53	137611	90.794	ug/l 100
15) Acetone	2.42	58	34955	91.447	ug/l 95
16) Carbon Disulfide	2.55	76	119421	18.263	ug/l 98
17) Allyl chloride	2.71	41	78671	17.541	ug/l 96
18) Methylene Chloride	2.84	84	53088	17.879	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	49899	17.702	ug/l 92
20) Diisopropyl ether	3.82	45	166213	18.536	ug/l 97
21) 1,1-Dichloroethane	3.67	63	92577	18.420	ug/l 97
22) cis-1,2-Dichloroethene	4.56	96	57099	17.756	ug/l 95
23) tert-Butyl Alcohol	3.01	59	54657	87.394	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	167617	18.211	ug/l 99
25) Chloroform	5.18	83	98293	18.355	ug/l 99
26) Cyclohexane	5.55	56	72224	18.445	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	68920	18.902	ug/l 98
30) 2-Butanone	4.64	43	186405	93.467	ug/l 99
31) 2,2-Dichloropropane	4.55	77	83816	18.349	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	90832	19.135	ug/l 98
33) Carbon Tetrachloride	5.75	117	82364	18.815	ug/l 94
34) Benzene	6.12	78	202764	18.689	ug/l 99
35) Methacrylonitrile	5.00	41	40924	18.328	ug/l 96
36) 1,2-Dichloroethane	6.16	62	81673	19.115	ug/l 99
37) Trichloroethene	7.19	130	60846	18.646	ug/l 100
38) Methylcyclohexane	7.44	83	73943	19.245	ug/l 99
39) 1,2-Dichloropropane	7.49	63	51863	18.294	ug/l 92
40) Dibromomethane	7.64	93	38492	18.847	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017330.D
 Acq On : 10 Jul 2020 13:06
 Operator : JC/SP
 Sample : VX0710WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:40:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	80818	18.961	ug/l	92
42) Vinyl Acetate	3.78	43	715497	93.879	ug/l	100
43) Ethyl Acetate	4.79	43	74715	19.046	ug/l	99
44) Isopropyl Acetate	6.41	43	118841	18.208	ug/l	98
45) 1,4-Dioxane	7.71	88	21514	345.805	ug/l	95
46) Methyl methacrylate	7.74	41	56543	17.783	ug/l	99
47) n-amyl Acetate	10.88	43	98409	17.028	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	84207	17.896	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	90354	18.351	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	55825	18.451	ug/l	98
51) Ethyl methacrylate	9.16	69	76645	17.387	ug/l	97
52) 1,3-Dichloropropane	9.35	76	92520	18.772	ug/l	100
53) Dibromochloromethane	9.57	129	67121	18.173	ug/l	97
54) 1,2-Dibromoethane	9.65	107	59790	18.481	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	217912	103.436	ug/l	100
56) Bromoform	10.84	173	50882	17.660	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	374297	94.133	ug/l	100
59) 2-Hexanone	9.47	43	275480	90.883	ug/l	99
61) Tetrachloroethene	9.32	164	61454	19.224	ug/l	95
62) Toluene	8.76	91	224503	18.898	ug/l	100
64) Chlorobenzene	10.12	112	144991	18.293	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	59293	18.309	ug/l	98
66) Ethyl Benzene	10.23	91	243741	18.232	ug/l	100
67) m/p-Xylenes	10.34	106	191908	37.157	ug/l	99
68) o-Xylene	10.68	106	90791	18.499	ug/l	95
69) Styrene	10.70	104	155617	17.879	ug/l	99
70) Isopropylbenzene	11.00	105	246898	18.339	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	79496	18.828	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	100171	24.152	ug/l	93
73) Bromobenzene	11.24	156	69202	18.295	ug/l	98
74) n-propylbenzene	11.34	91	284432	18.237	ug/l	99
75) 2-Chlorotoluene	11.40	91	173634	18.262	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	214157	18.541	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	27784	17.568	ug/l	90
78) 4-Chlorotoluene	11.49	91	207178	18.381	ug/l	100
79) tert-butylbenzene	11.76	119	203481	18.155	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	215489	18.492	ug/l	99
81) sec-Butylbenzene	11.93	105	240419	18.610	ug/l	100
82) p-Isopropyltoluene	12.05	119	224079	18.343	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	125564	18.445	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	124413	18.062	ug/l	99
85) n-Butylbenzene	12.37	91	190238	18.430	ug/l	99
86) Hexachloroethane	12.58	117	43299	18.322	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	120586	18.525	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	18940	18.514	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	80042	18.130	ug/l	98
90) Hexachlorobutadiene	13.76	225	35474	20.031	ug/l	97
91) Naphthalene	13.82	128	238674	17.633	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	77950	17.752	ug/l	97

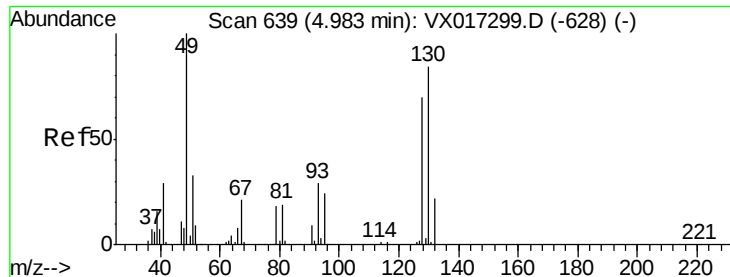
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
Data File : VX017330.D
Acq On : 10 Jul 2020 13:06
Operator : JC/SP
Sample : VX0710WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 11 00:40:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 09 12:25:06 2020
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

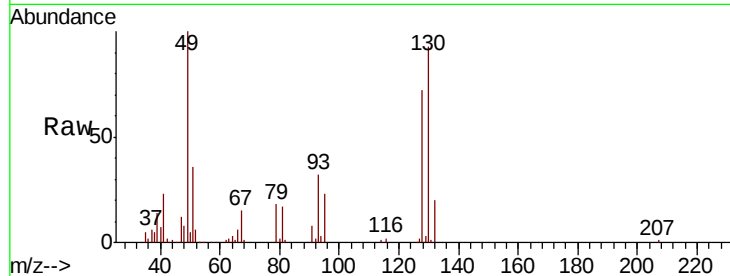
Tot Ion:128 Resp: 52463

Ion Ratio Lower Upper

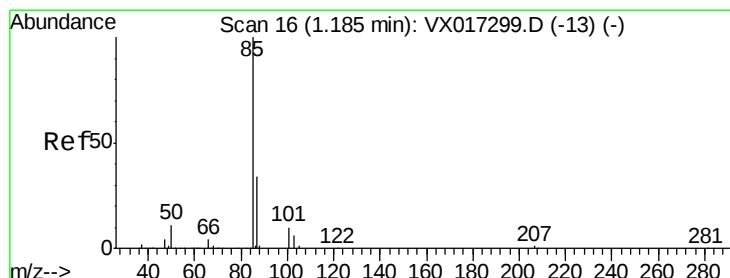
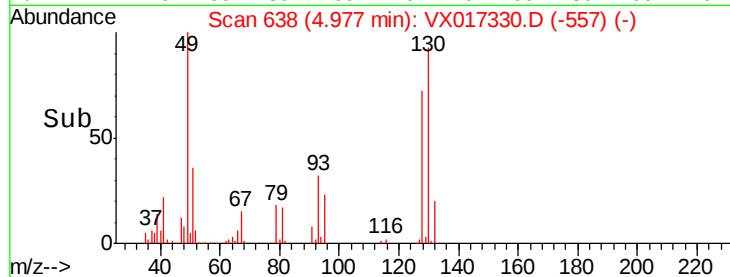
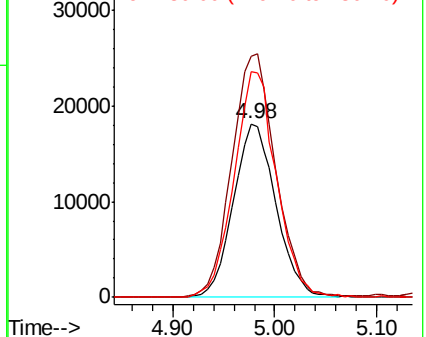
128 100

49 145.0 0.0 358.8

130 129.4 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.037 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017330.D

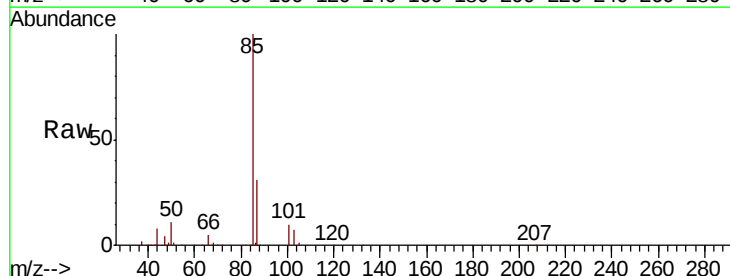
Acq: 10 Jul 2020 13:06

Tgt Ion: 85 Resp: 41364

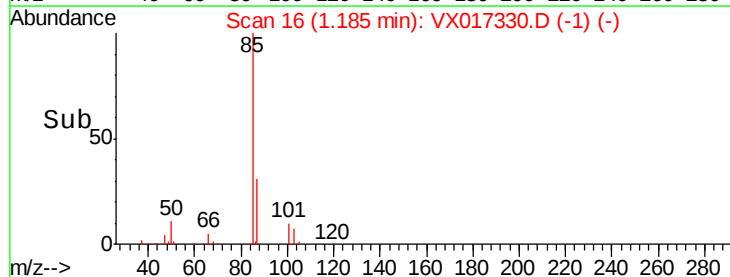
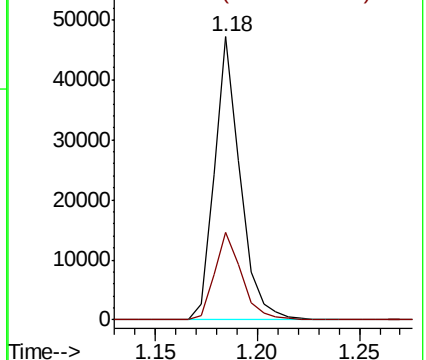
Ion Ratio Lower Upper

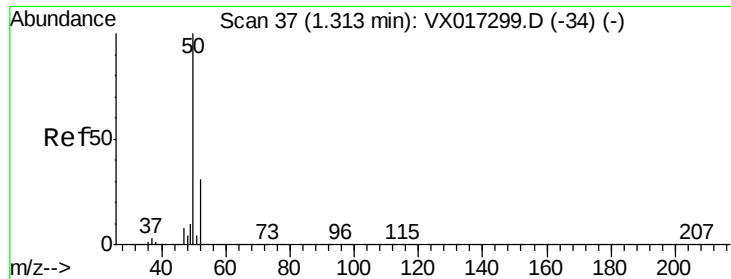
85 100

87 31.1 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.591 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

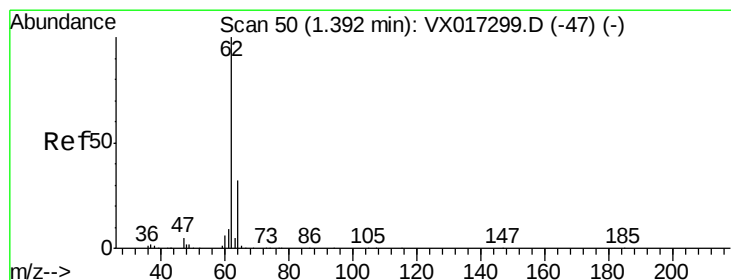
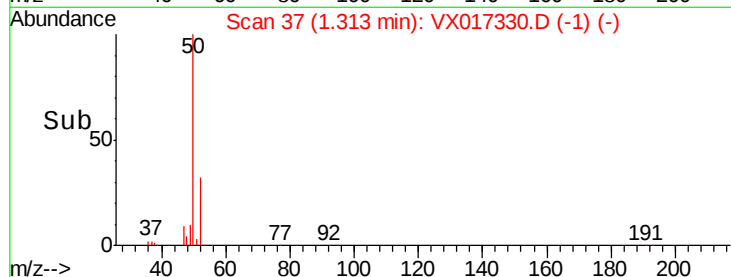
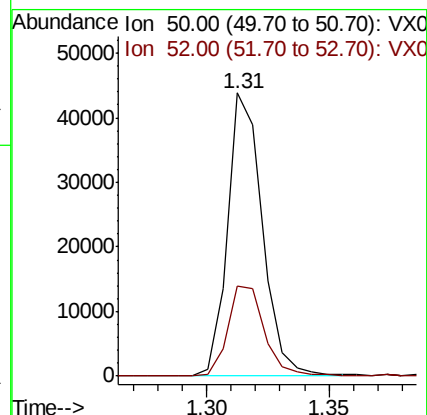
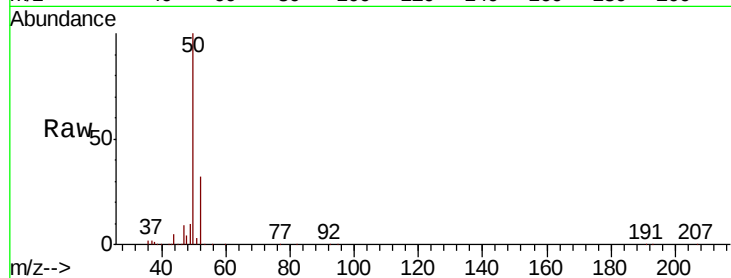
ClientSampleId :

Tot Ion: 50 Resp: 42979

Ion Ratio Lower Upper

50 100

52 31.6 24.8 37.2



#4

Vinyl Chloride

Concen: 17.486 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017330.D

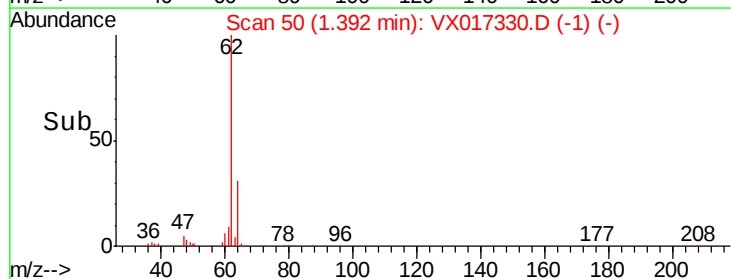
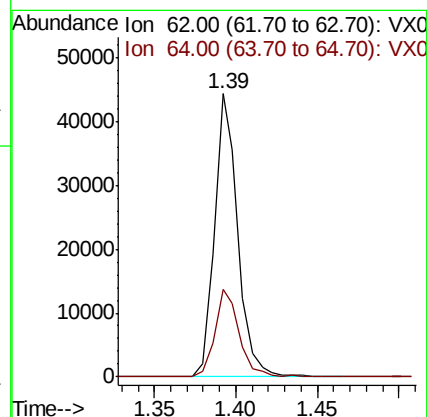
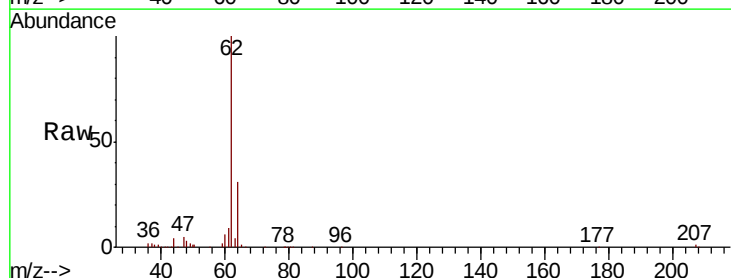
Acq: 10 Jul 2020 13:06

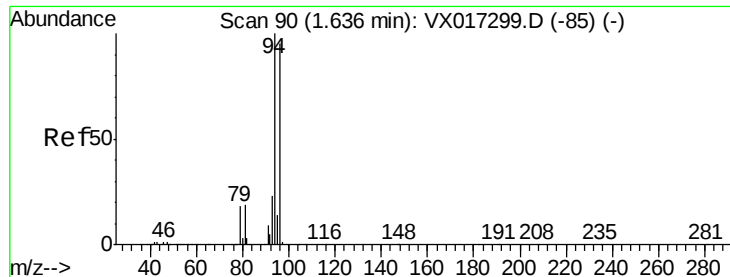
Tgt Ion: 62 Resp: 44021

Ion Ratio Lower Upper

62 100

64 30.8 25.3 37.9





#5

Bromomethane

Concen: 19.384 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

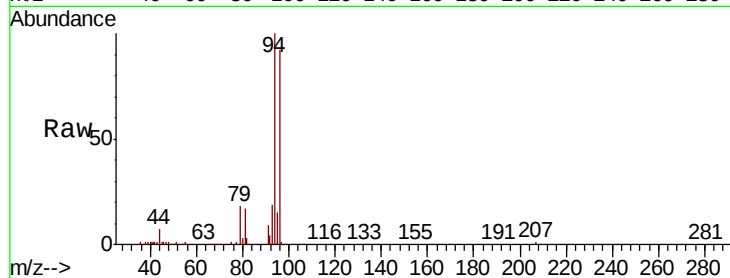
ClientSampled :

Tot Ion: 94 Resp: 32526

Ion Ratio Lower Upper

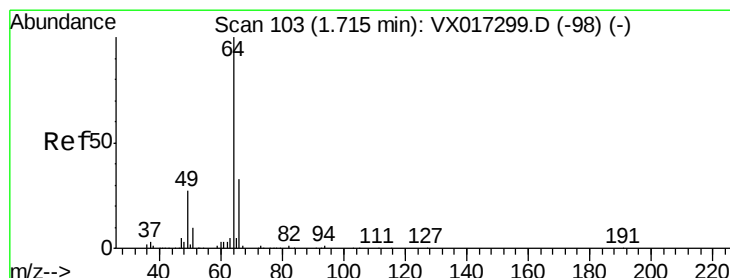
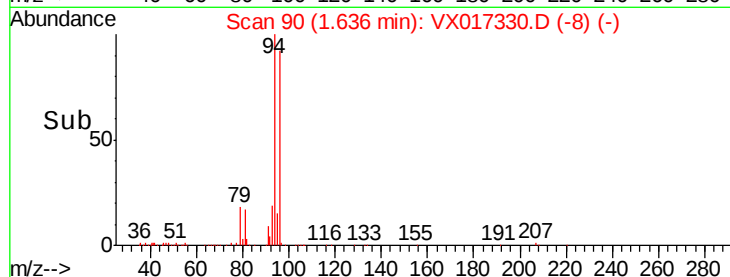
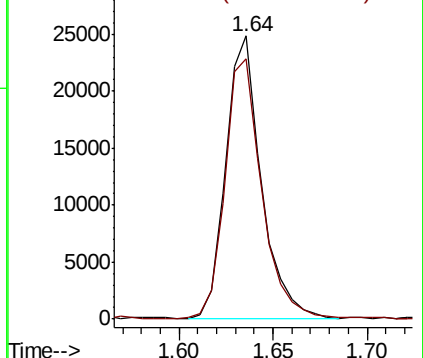
94 100

96 91.6 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.839 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017330.D

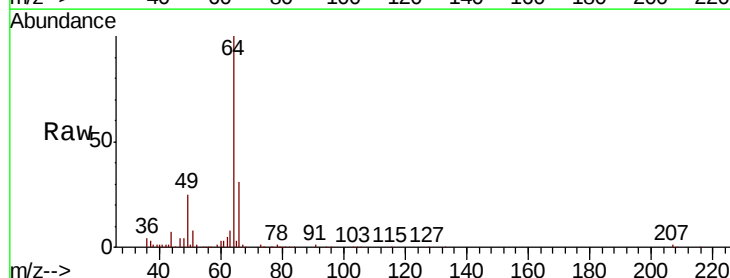
Acq: 10 Jul 2020 13:06

Tgt Ion: 64 Resp: 29695

Ion Ratio Lower Upper

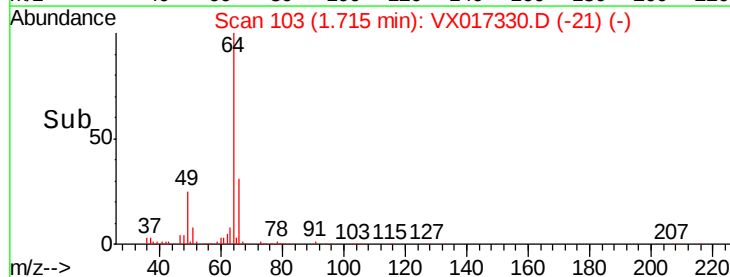
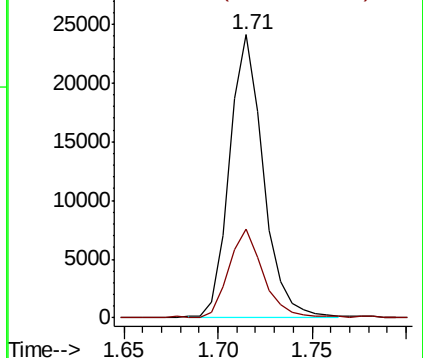
64 100

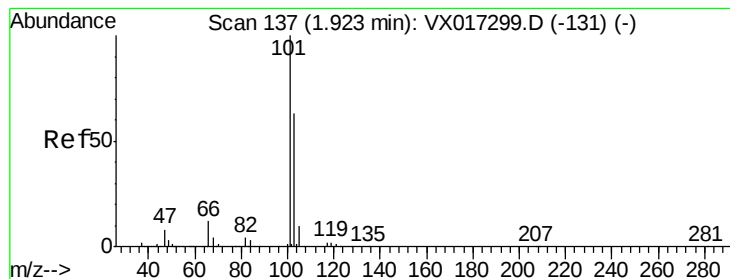
66 31.4 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



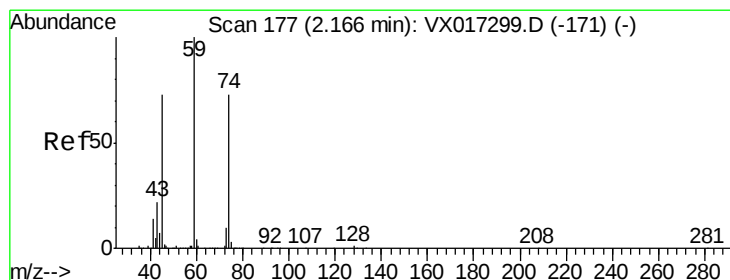
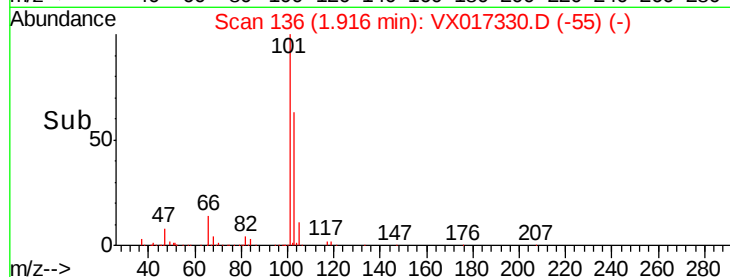
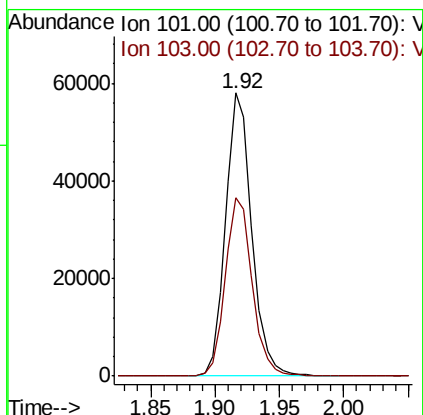
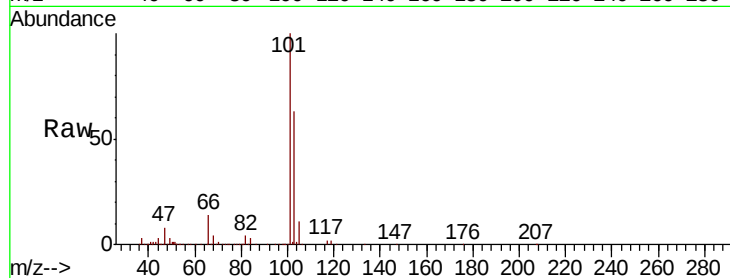


#7

Trichlorofluoromethane
 Concen: 18.580 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :

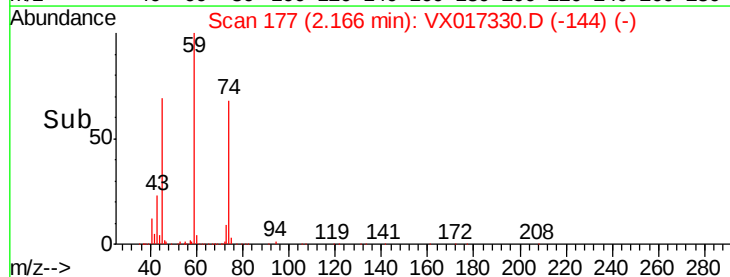
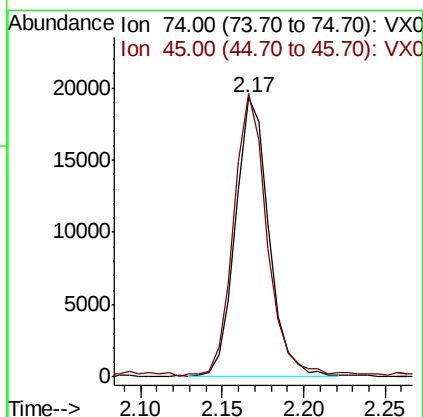
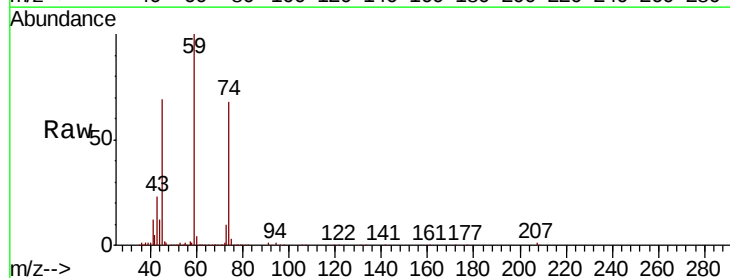
Tot Ion:101 Resp: 83089
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.1 75.1

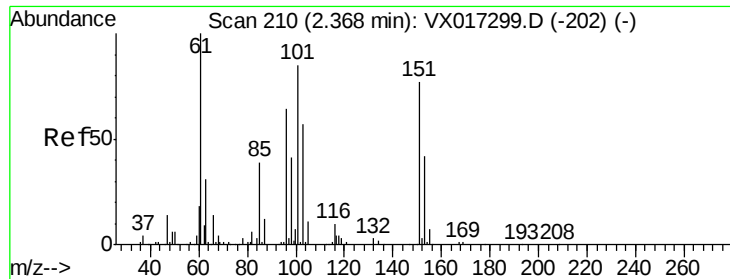


#8

Diethyl Ether
 Concen: 17.202 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 74 Resp: 27292
 Ion Ratio Lower Upper
 74 100
 45 100.1 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.691 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

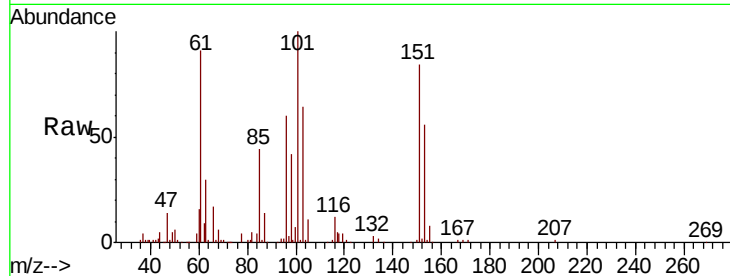
Tot Ion:101 Resp: 48149

Ion Ratio Lower Upper

101 100

85 44.3 0.0 87.8

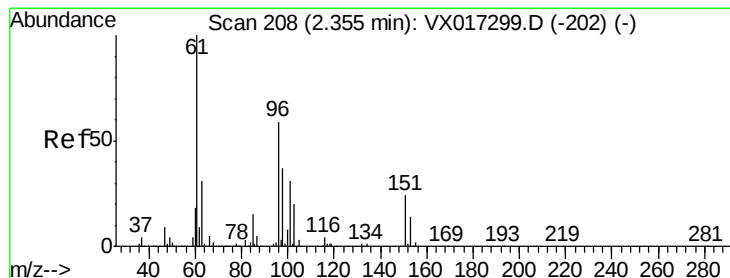
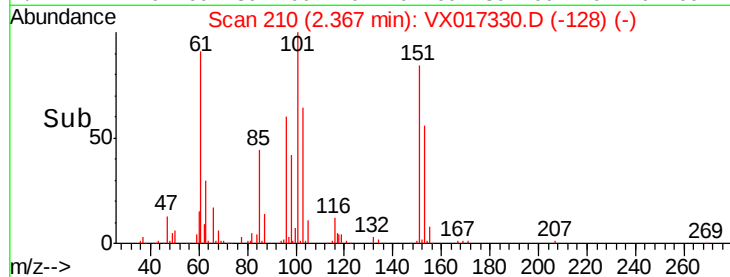
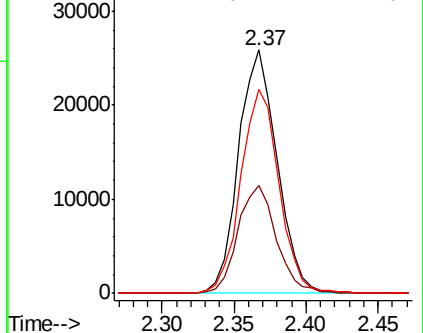
151 83.0 0.0 170.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.907 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

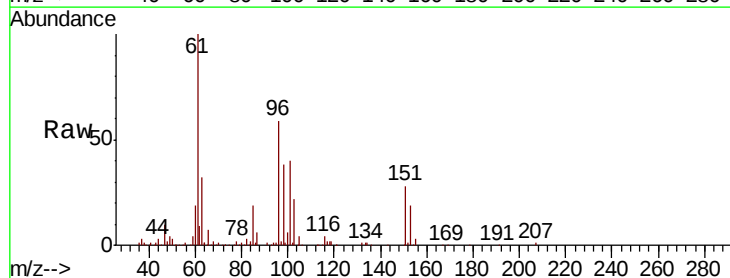
Tgt Ion: 96 Resp: 43171

Ion Ratio Lower Upper

96 100

61 168.7 137.0 205.4

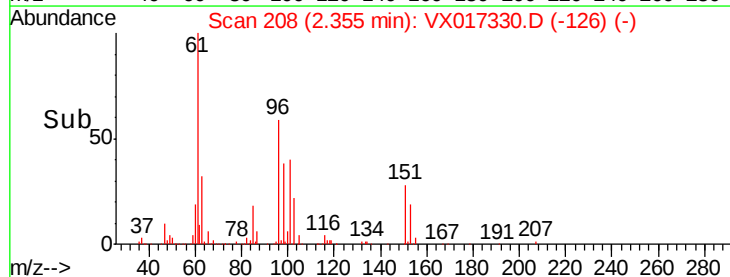
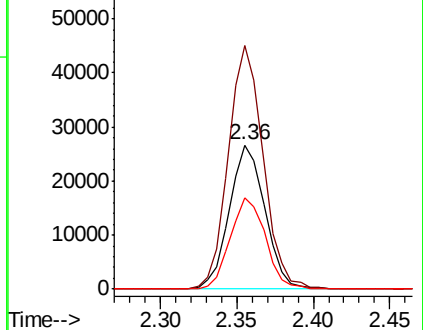
98 63.4 51.1 76.7

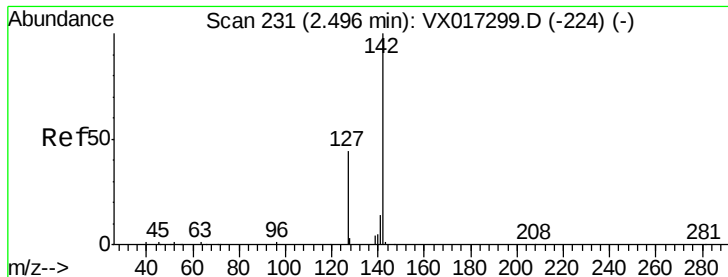


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

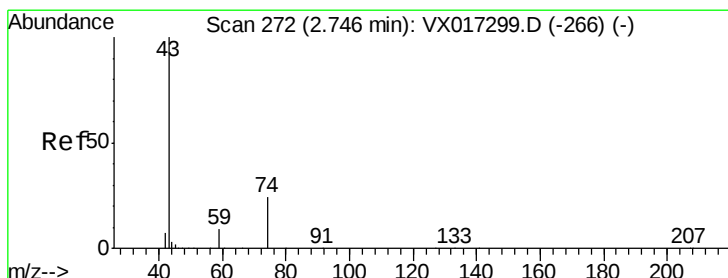
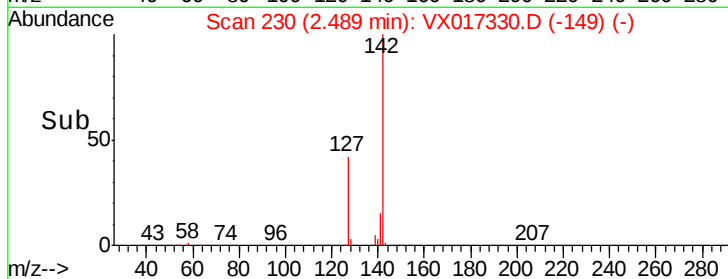
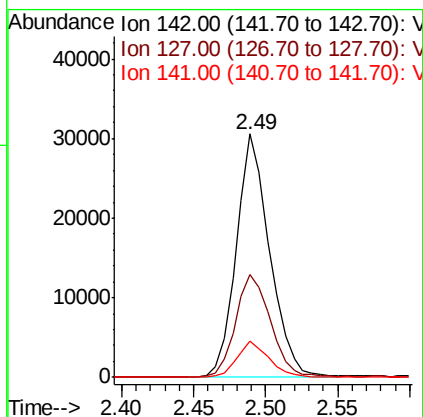
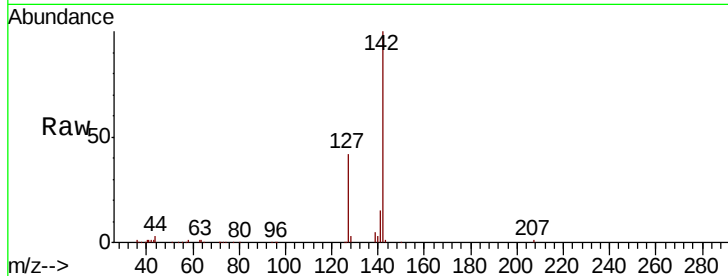




#11
Methvl Iodide
Concen: 17.366 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

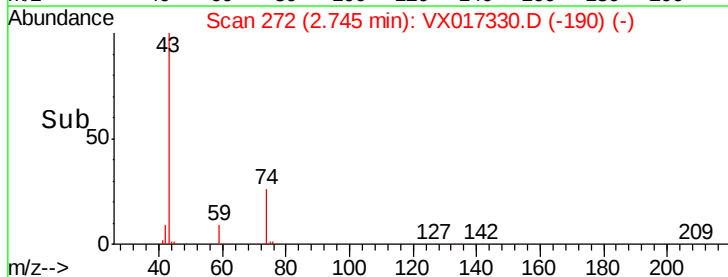
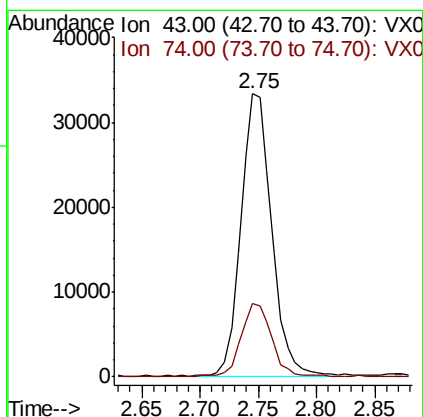
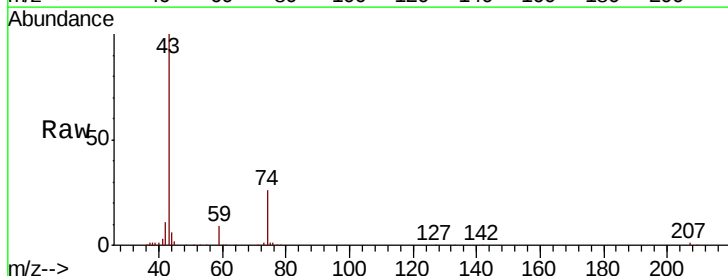
Instrument :
MSVOA_X
ClientSampled :

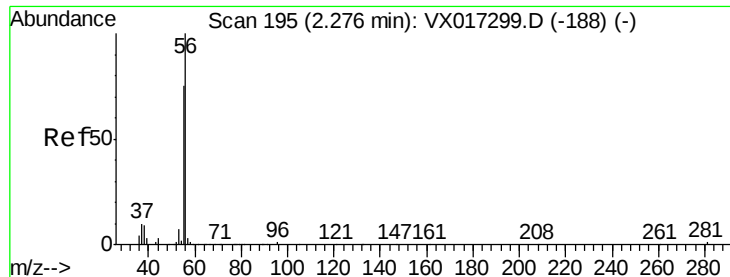
Tot Ion:142 Resp: 49299
Ion Ratio Lower Upper
142 100
127 42.0 21.9 65.7
141 15.0 7.0 21.1



#12
Methyl Acetate
Concen: 18.430 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 43 Resp: 61909
Ion Ratio Lower Upper
43 100
74 25.9 18.8 28.2





#13

Acrolein

Concen: 94.990 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

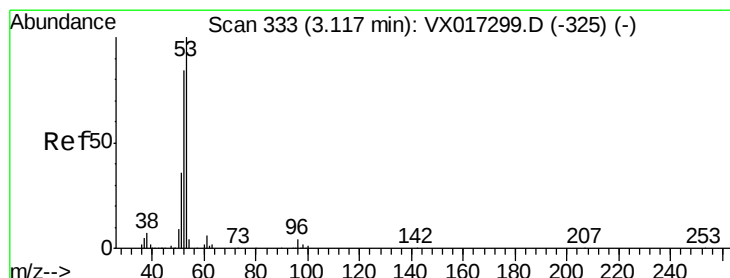
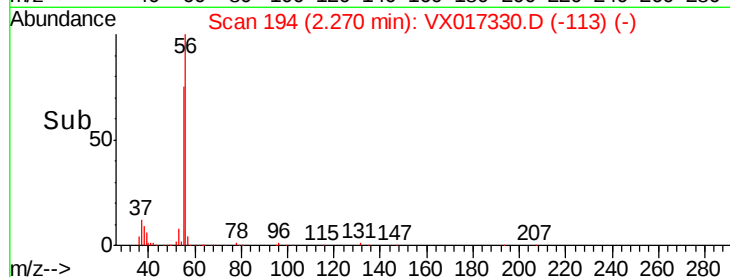
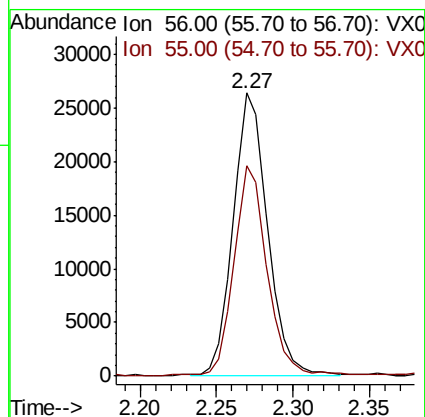
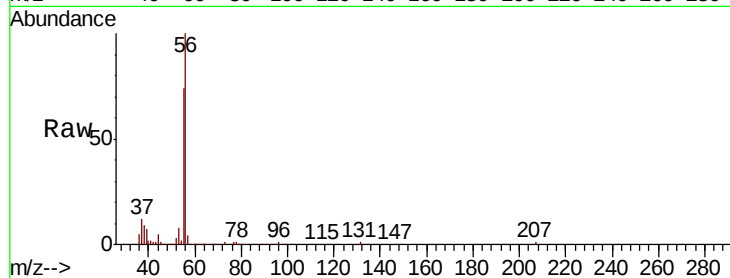
ClientSampleId :

Tot Ion: 56 Resp: 41264

Ion Ratio Lower Upper

56 100

55 69.3 58.5 87.7



#14

Acrylonitrile

Concen: 90.794 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

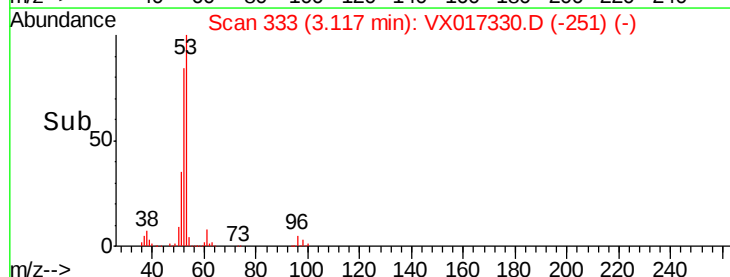
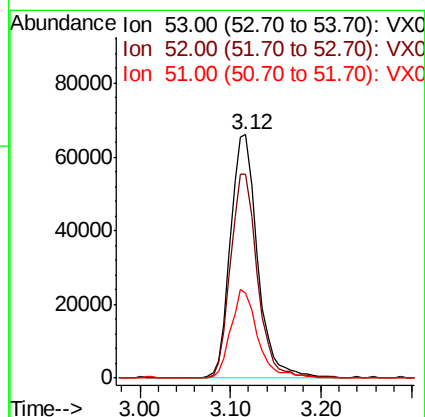
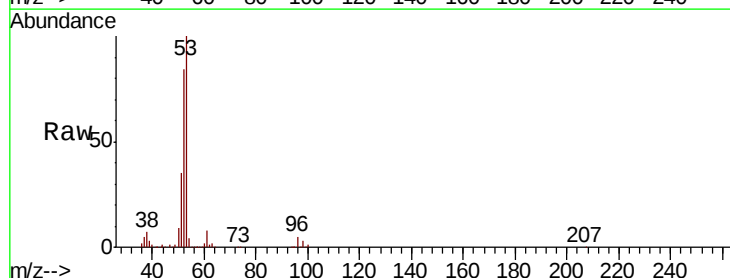
Tgt Ion: 53 Resp: 137611

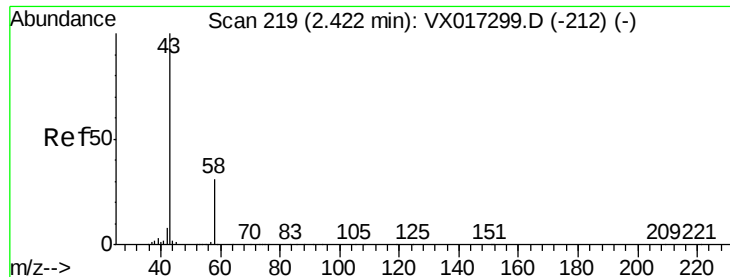
Ion Ratio Lower Upper

53 100

52 82.9 41.3 123.9

51 36.0 18.1 54.1





#15

Acetone

Concen: 91.447 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

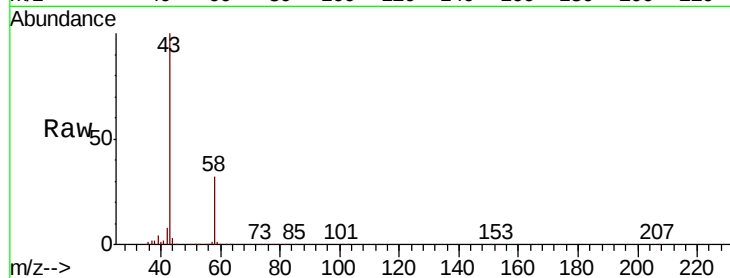
ClientSampleId :

Tot Ion: 58 Resp: 34955

Ion Ratio Lower Upper

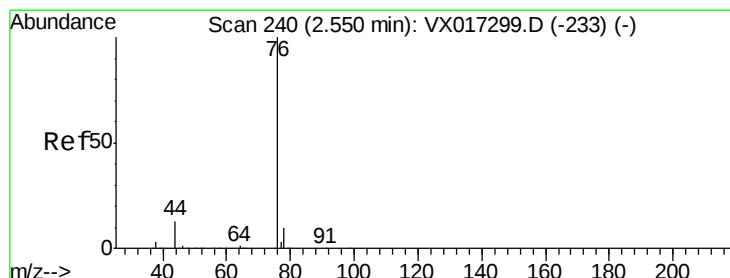
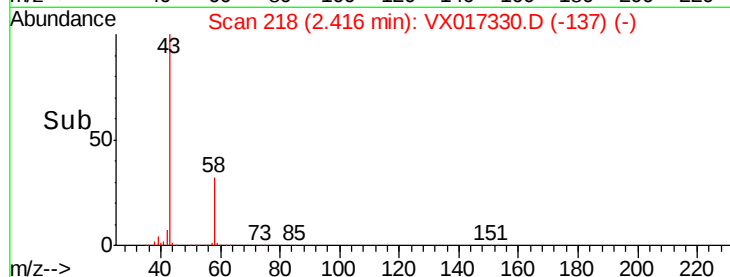
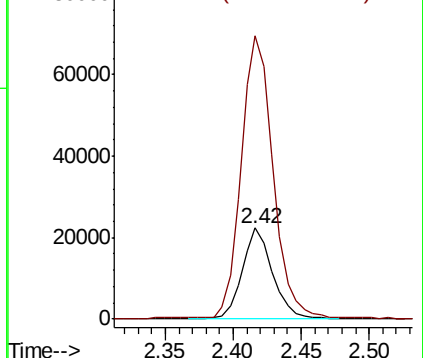
58 100

43 309.1 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.263 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017330.D

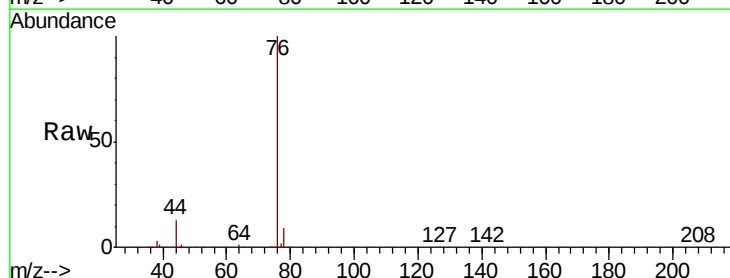
Acq: 10 Jul 2020 13:06

Tgt Ion: 76 Resp: 119421

Ion Ratio Lower Upper

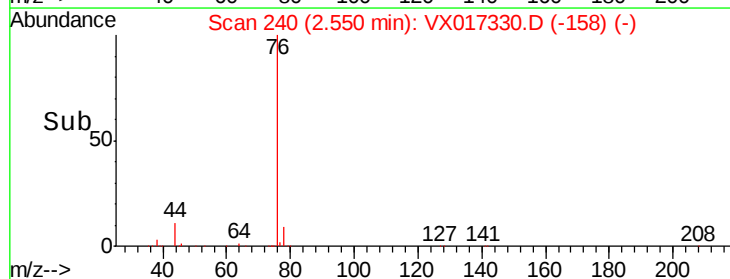
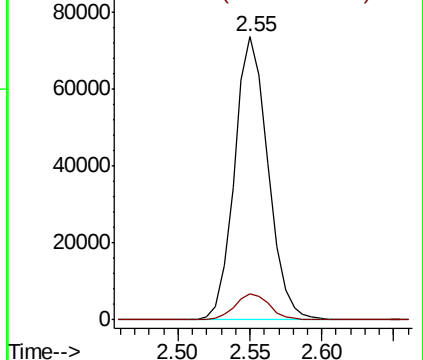
76 100

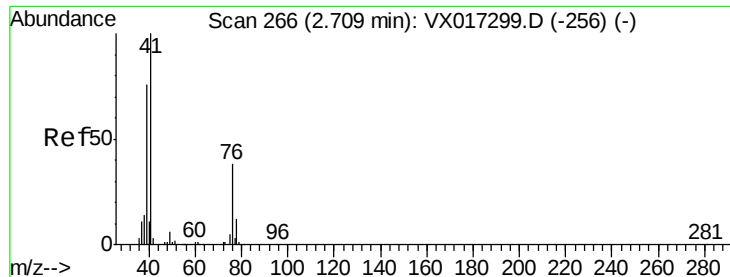
78 9.1 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

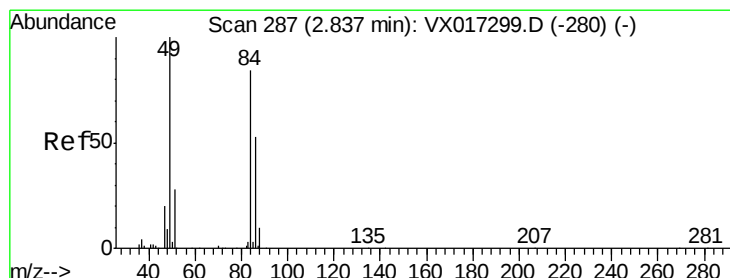
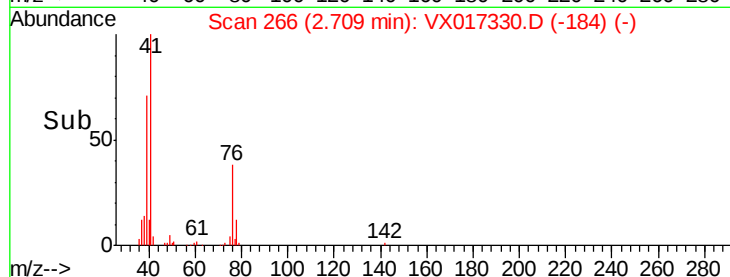
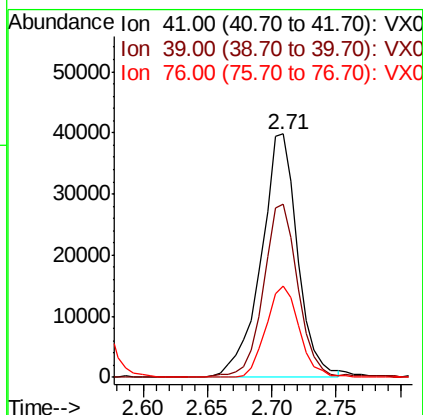
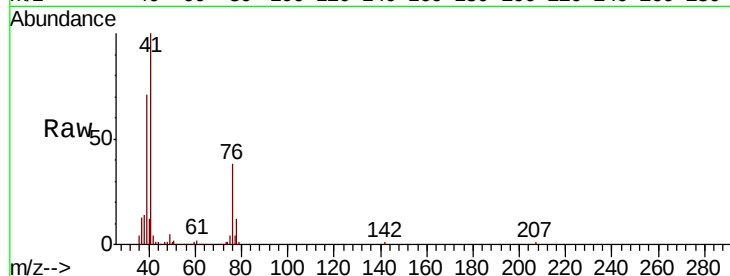




#17
Allvl chloride
Concen: 17.541 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

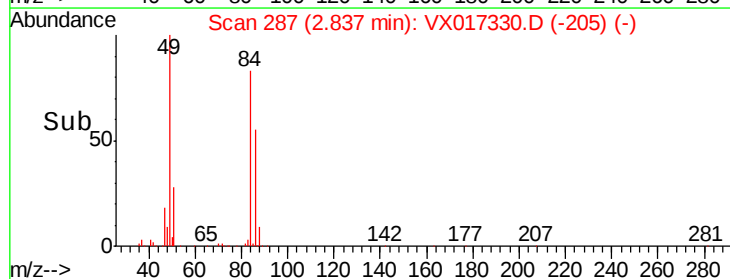
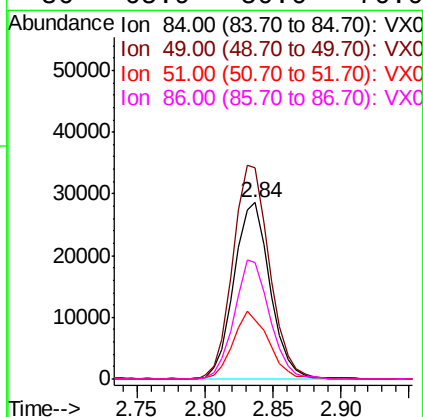
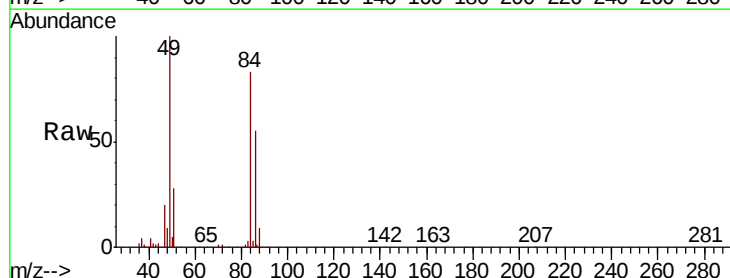
Instrument :
MSVOA_X
ClientSampled :

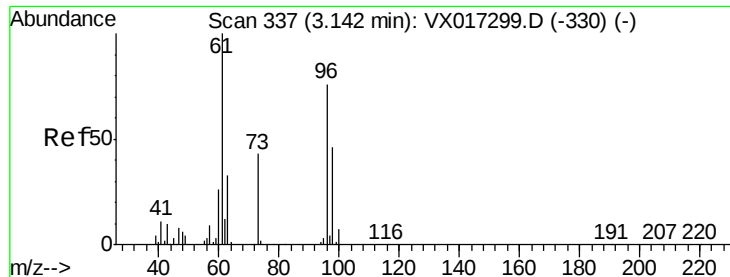
Tot Ion: 41 Resp: 78671
Ion Ratio Lower Upper
41 100
39 70.9 38.1 114.5
76 37.1 18.8 56.4



#18
Methylene Chloride
Concen: 17.879 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 84 Resp: 53088
Ion Ratio Lower Upper
84 100
49 120.2 95.7 143.5
51 33.5 27.2 40.8
86 65.9 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 17.702 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

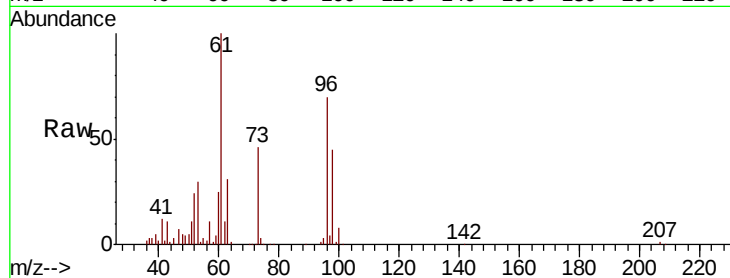
Tot Ion: 96 Resp: 49899

Ion Ratio Lower Upper

96 100

61 142.7 105.0 157.6

98 63.7 48.6 73.0

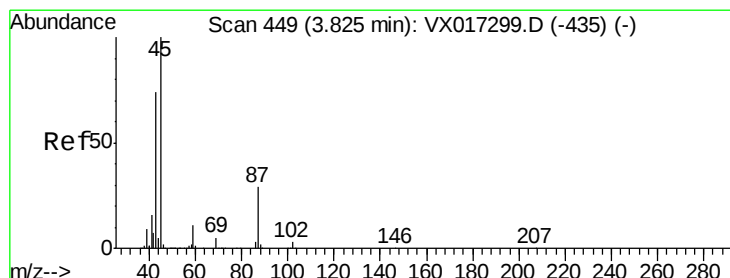
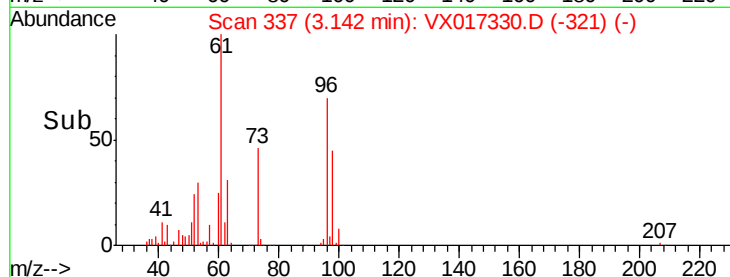
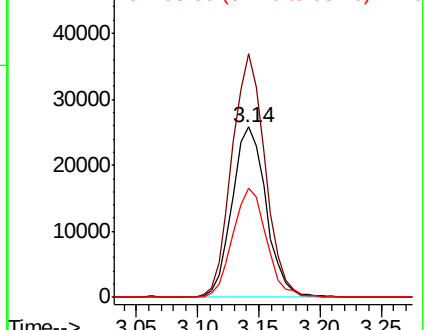


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.536 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Tgt Ion: 45 Resp: 166213

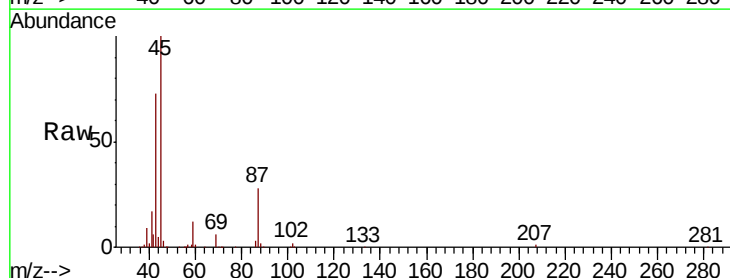
Ion Ratio Lower Upper

45 100

43 71.1 59.5 89.3

87 27.7 23.2 34.8

59 11.6 8.5 12.7



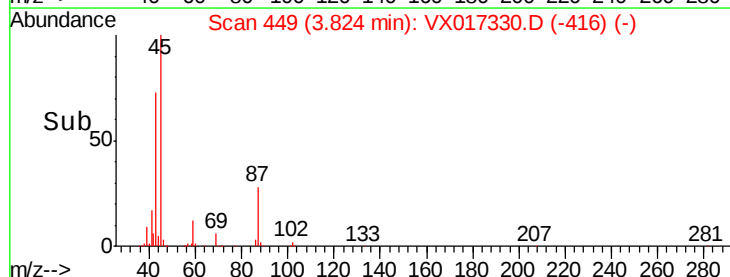
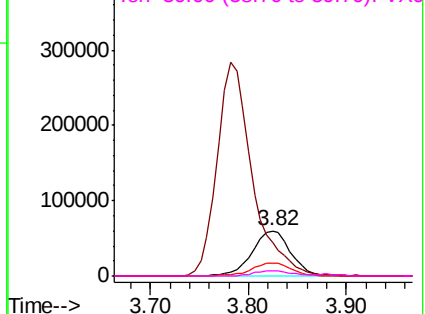
Abundance

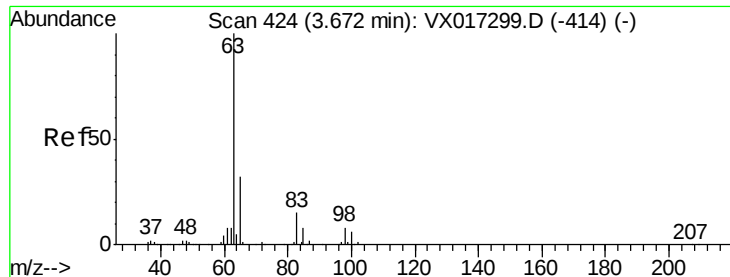
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.420 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampled :

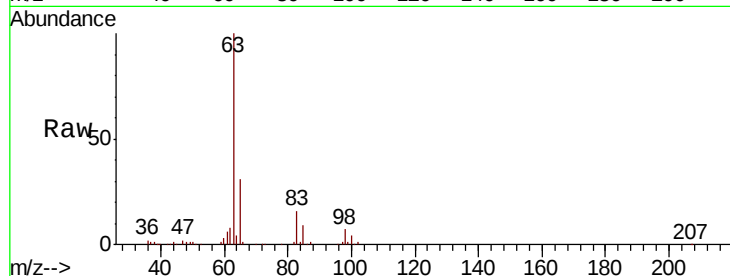
Tot Ion: 63 Resp: 92577

Ion Ratio Lower Upper

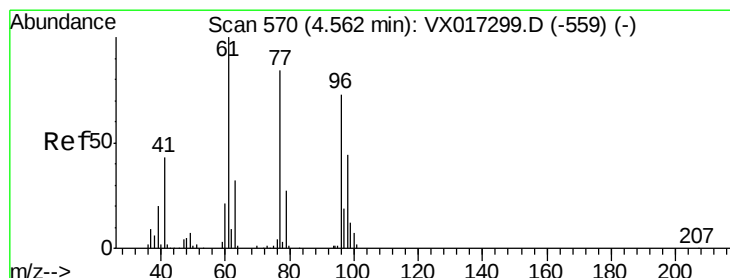
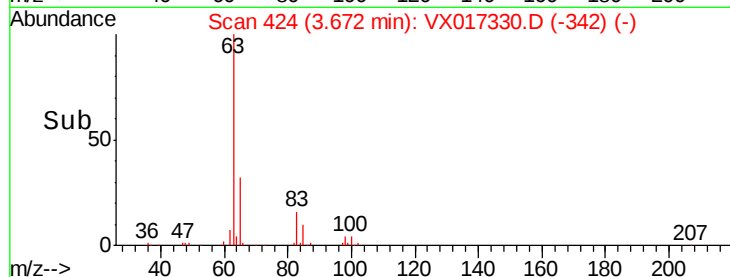
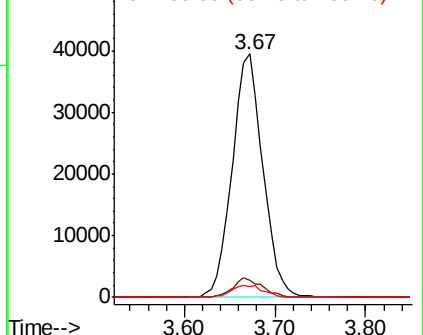
63 100

98 7.2 4.2 12.4

100 4.4 2.8 8.3



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 17.756 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

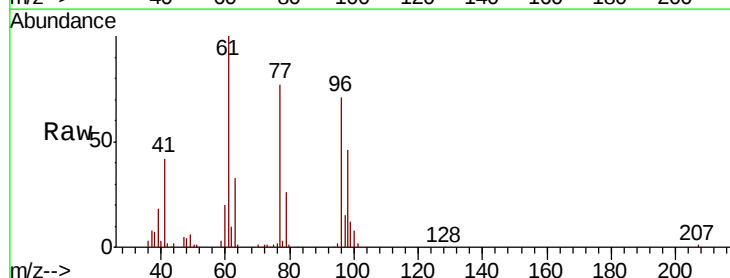
Tgt Ion: 96 Resp: 57099

Ion Ratio Lower Upper

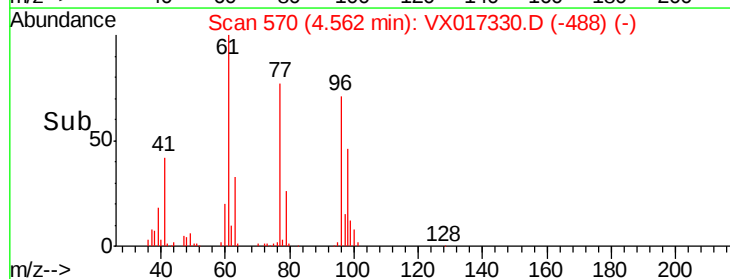
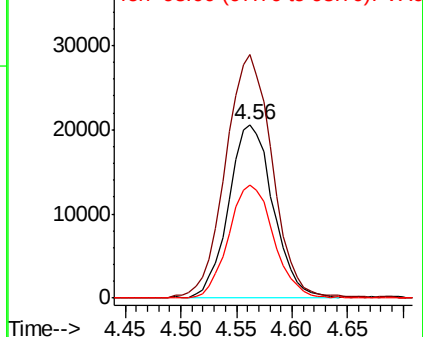
96 100

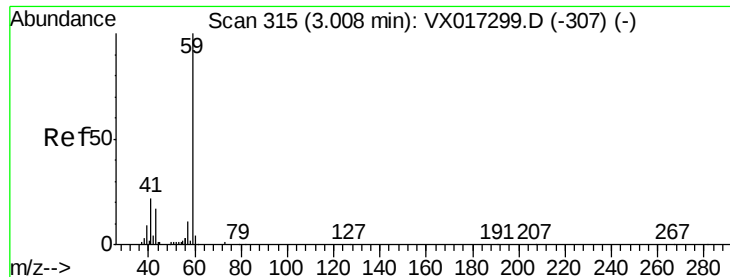
61 147.4 111.7 167.5

98 66.1 50.9 76.3



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



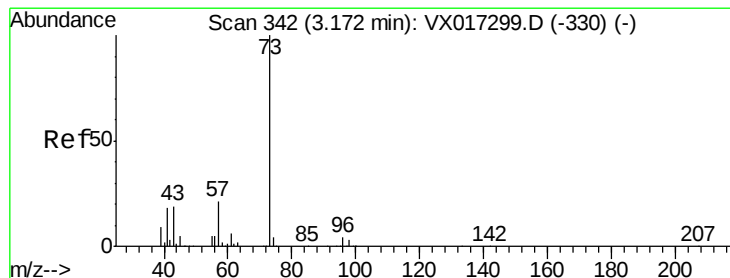
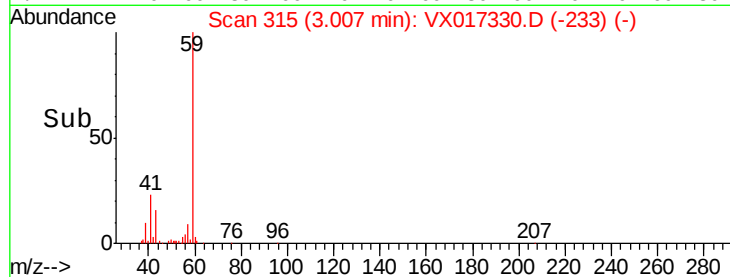
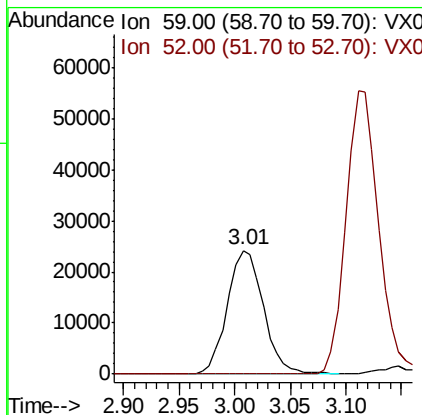
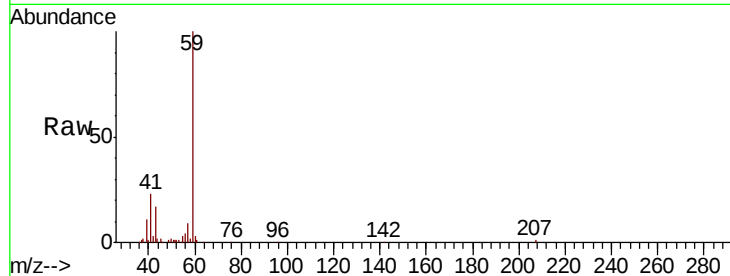


#23

tert-Butyl Alcohol
 Concen: 87.394 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :

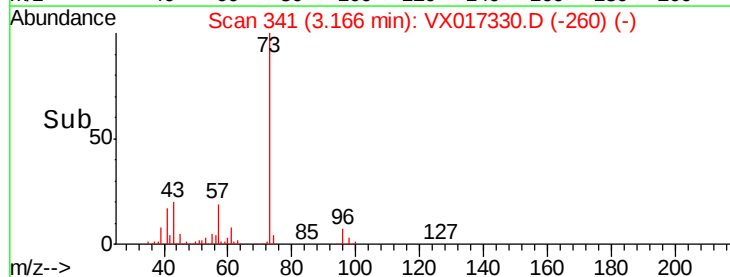
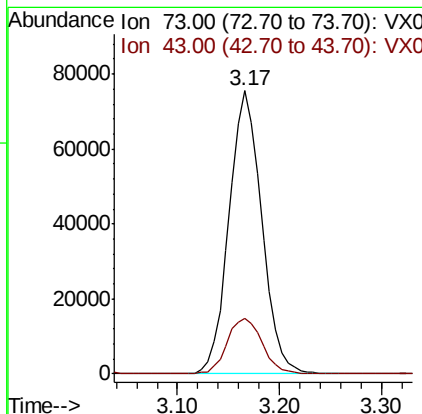
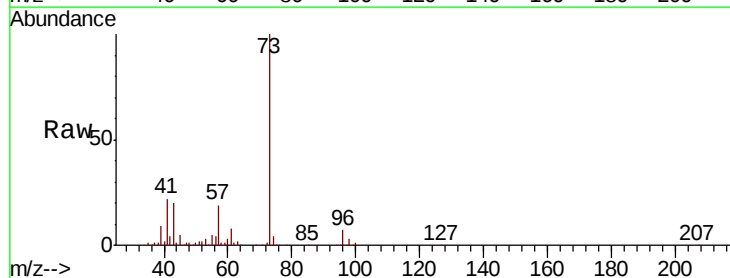
Tot Ion: 59 Resp: 54657
 Ion Ratio Lower Upper
 59 100
 52 0.6 0.4 0.6

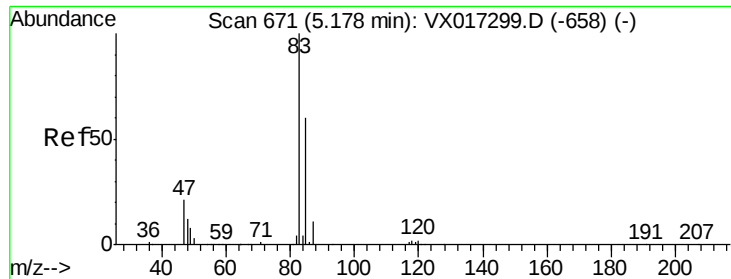


#24

Methyl tert-Butyl Ether
 Concen: 18.211 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 73 Resp: 167617
 Ion Ratio Lower Upper
 73 100
 43 21.0 16.3 24.5

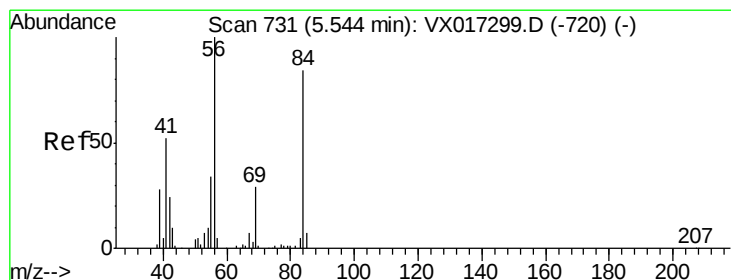
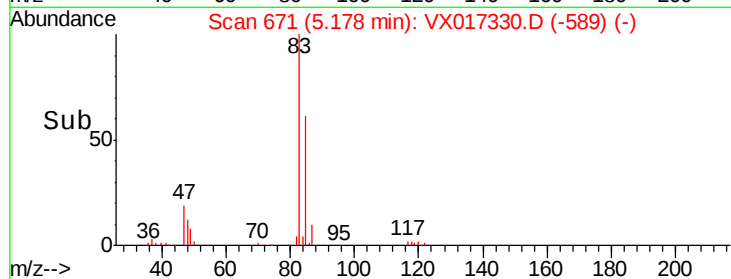
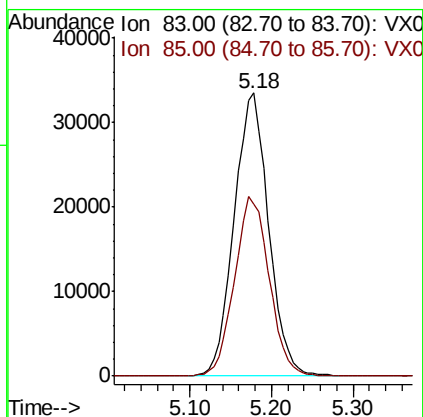
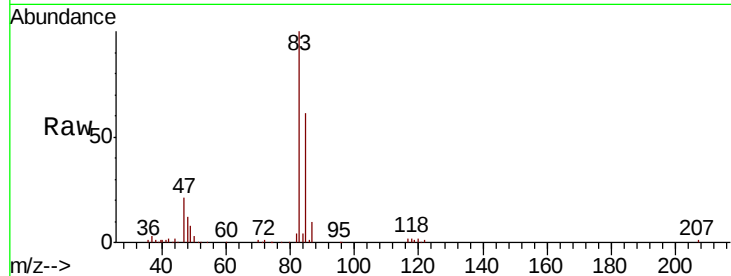




#25
Chloroform
Concen: 18.355 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

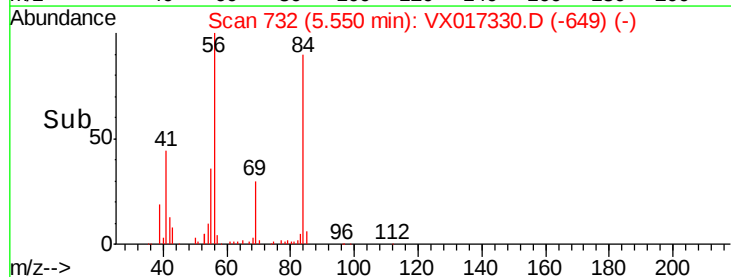
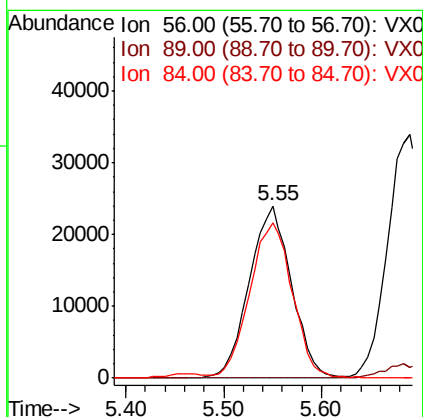
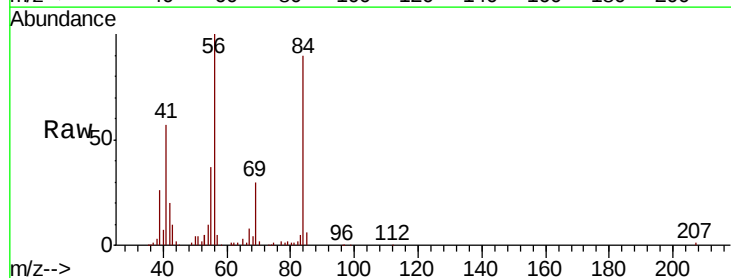
Instrument :
MSVOA_X
ClientSampleId :

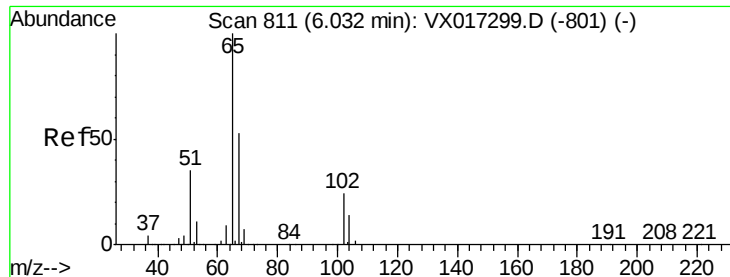
Tot Ion: 83 Resp: 98293
Ion Ratio Lower Upper
83 100
85 60.9 47.8 71.8



#26
Cyclohexane
Concen: 18.445 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 56 Resp: 72224
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.7 71.5 107.3





#27

1,2-Dichloroethane-d4

Concen: 30.266 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

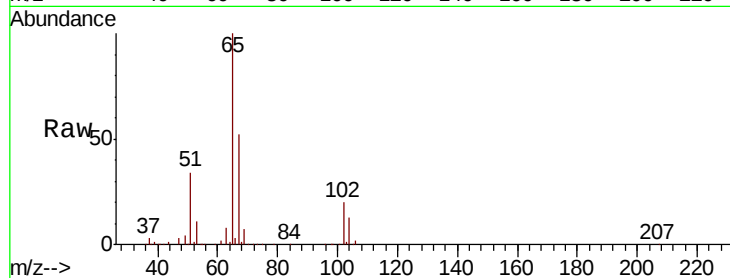
ClientSampleId :

Tot Ion: 65 Resp: 114122

Ion Ratio Lower Upper

65 100

67 49.9 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

30000

20000

10000

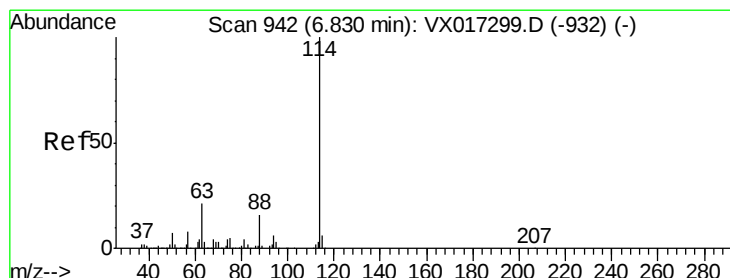
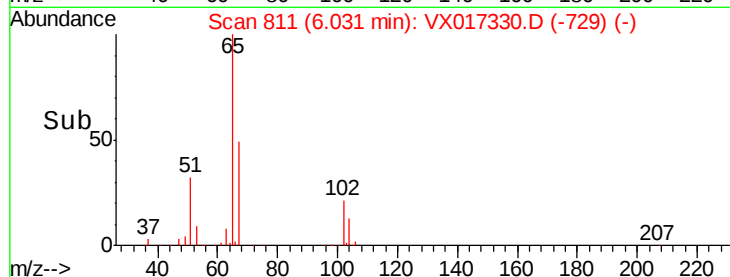
0

5.90

6.00

6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

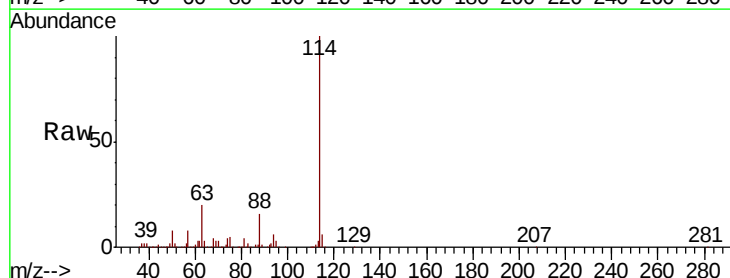
Tgt Ion: 114 Resp: 264404

Ion Ratio Lower Upper

114 100

63 20.0 15.9 23.9

88 15.7 12.4 18.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

150000

100000

50000

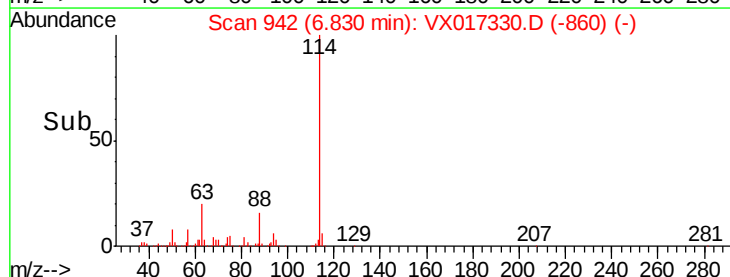
0

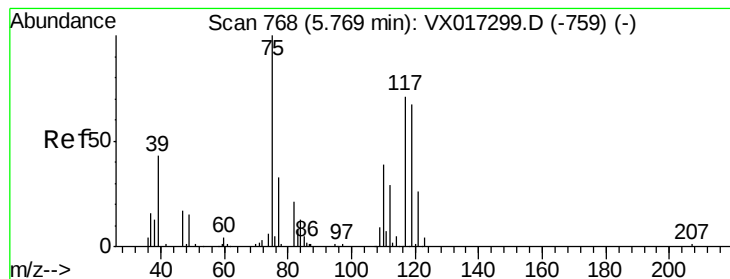
6.70

6.80

6.90

Time-->





#29

1,1-Dichloropropene

Concen: 18.902 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :

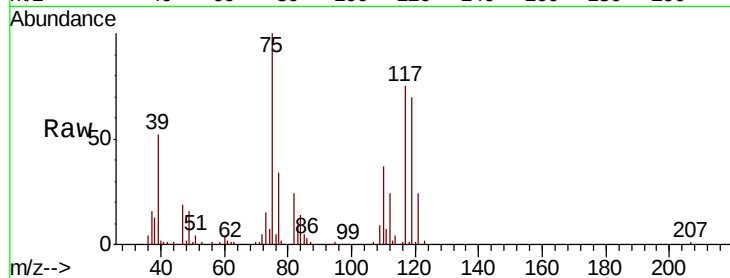
Tot Ion: 75 Resp: 68920

Ion Ratio Lower Upper

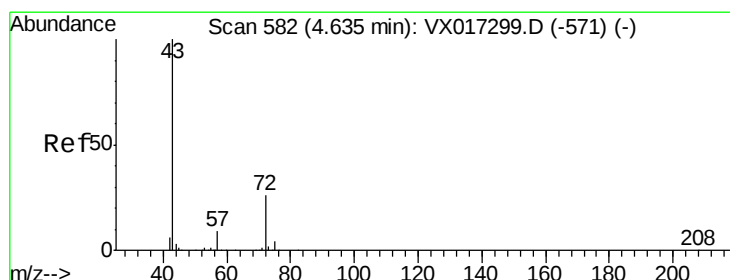
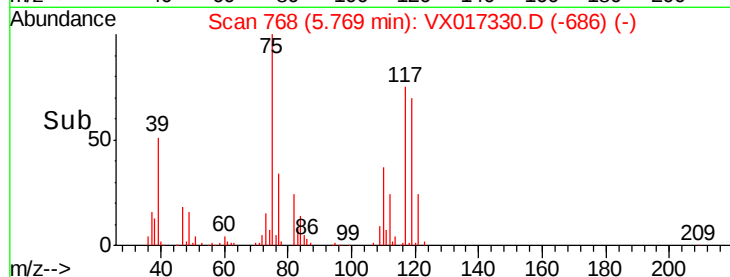
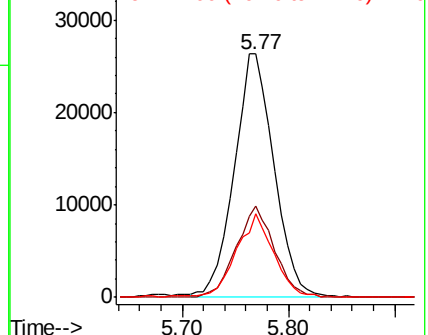
75 100

110 36.1 0.0 75.8

77 32.2 0.0 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 93.467 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

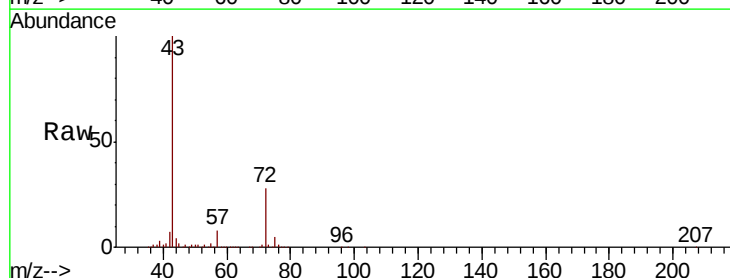
Tgt Ion: 43 Resp: 186405

Ion Ratio Lower Upper

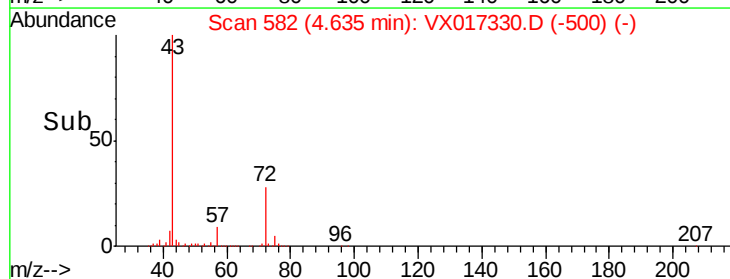
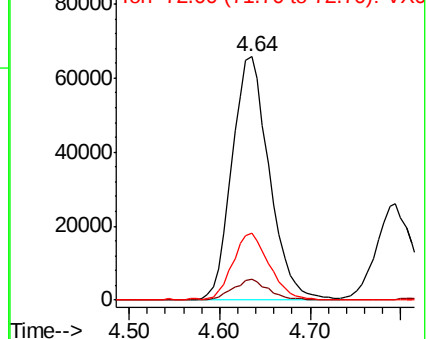
43 100

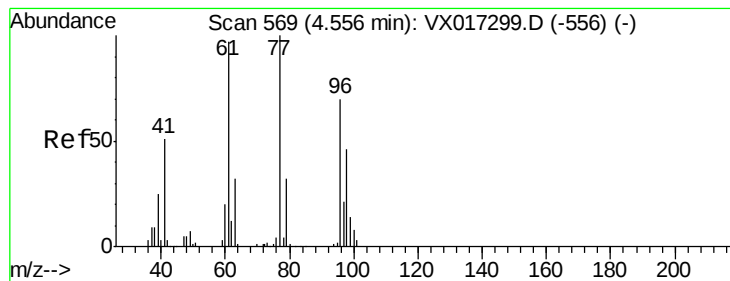
57 8.1 6.8 10.2

72 27.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 18.349 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

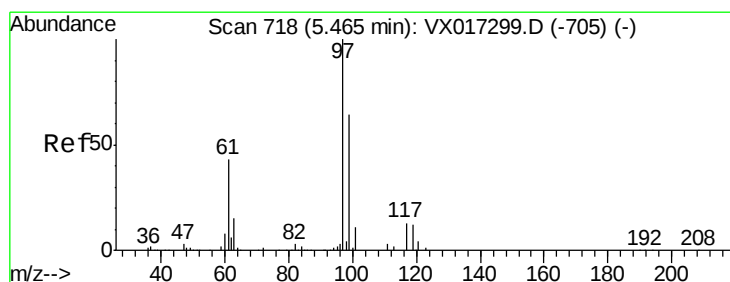
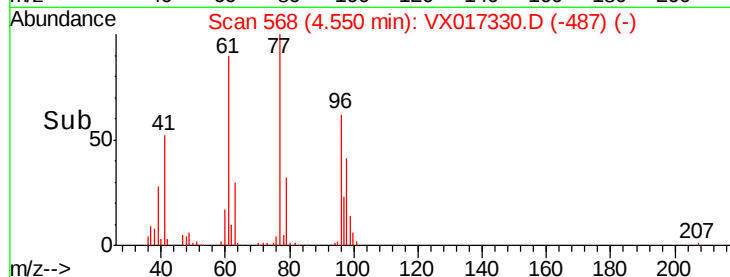
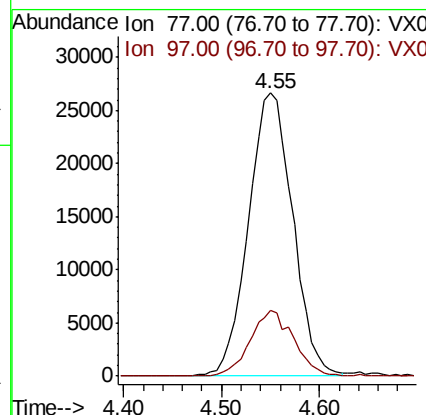
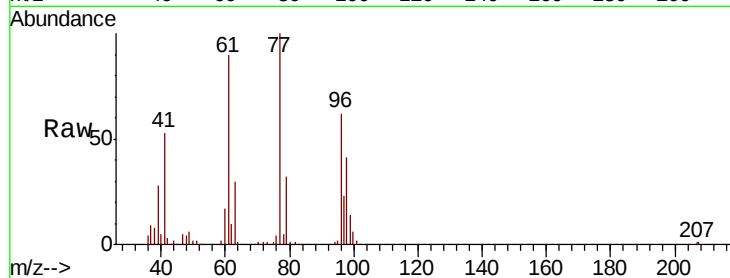
ClientSampleId :

Tot Ion: 77 Resp: 83816

Ion Ratio Lower Upper

77 100

97 22.5 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 19.135 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

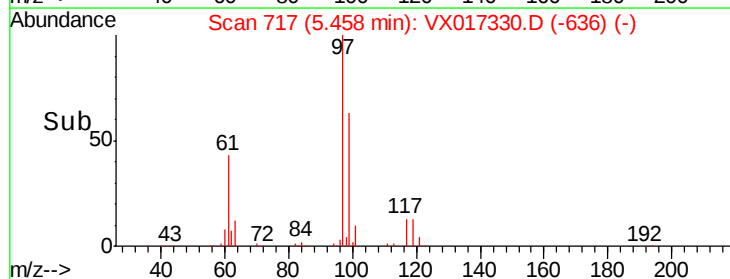
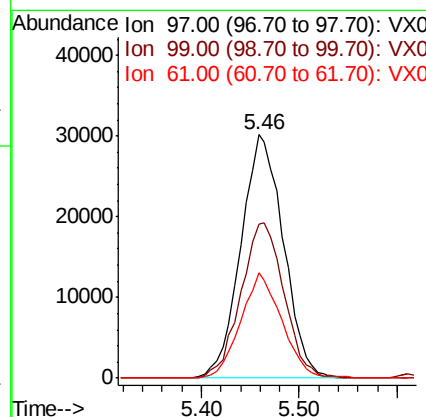
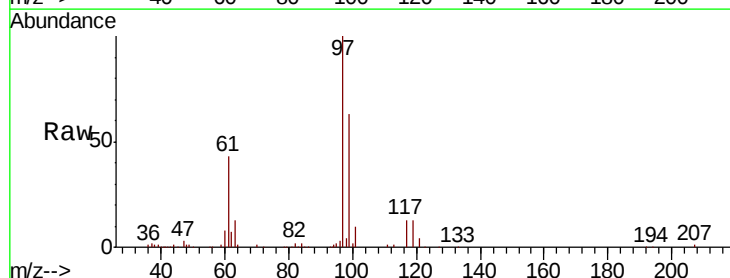
Tgt Ion: 97 Resp: 90832

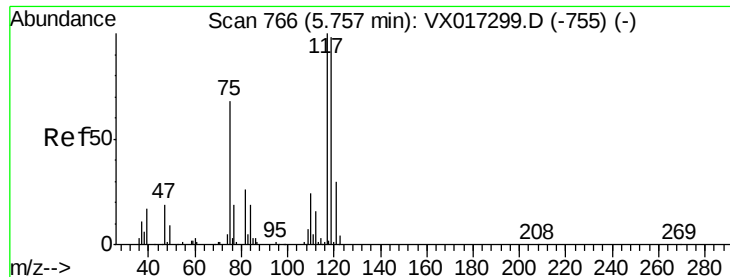
Ion Ratio Lower Upper

97 100

99 64.7 53.2 79.8

61 41.8 34.0 51.0





#33

Carbon Tetrachloride

Concen: 18.815 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

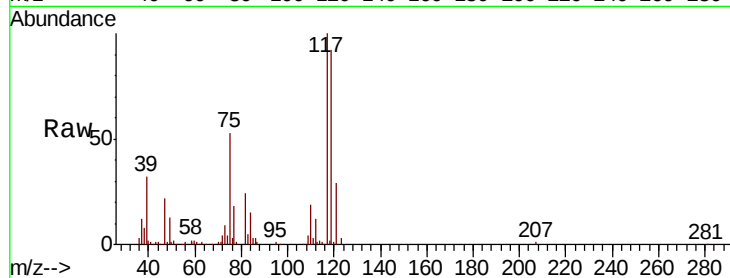
Tot Ion:117 Resp: 82364

Ion Ratio Lower Upper

117 100

119 91.5 78.8 118.2

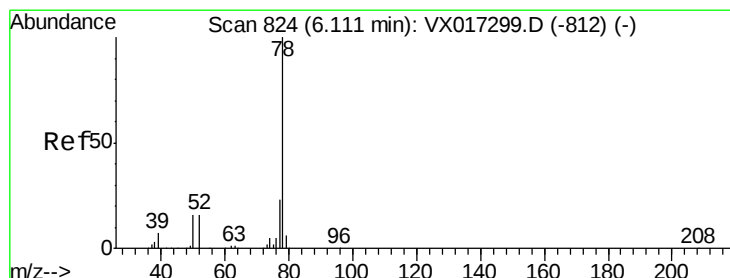
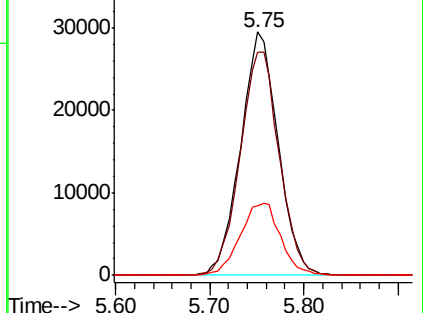
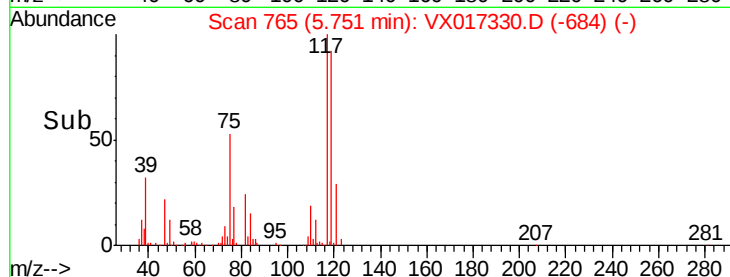
121 28.5 23.7 35.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.689 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

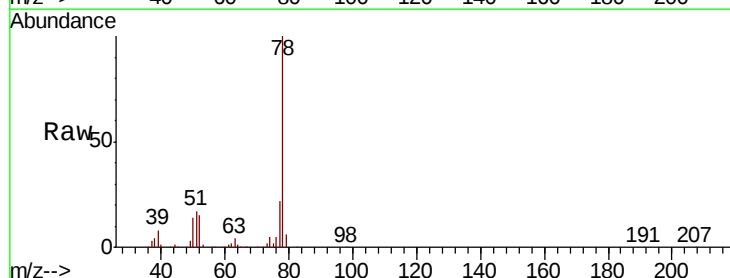
Tgt Ion: 78 Resp: 202764

Ion Ratio Lower Upper

78 100

77 21.6 18.1 27.1

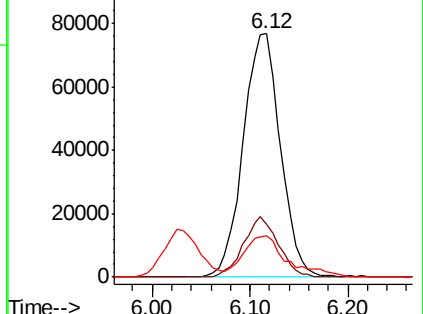
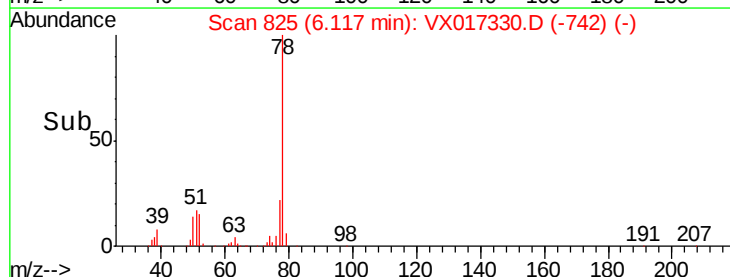
51 15.9 12.9 19.3

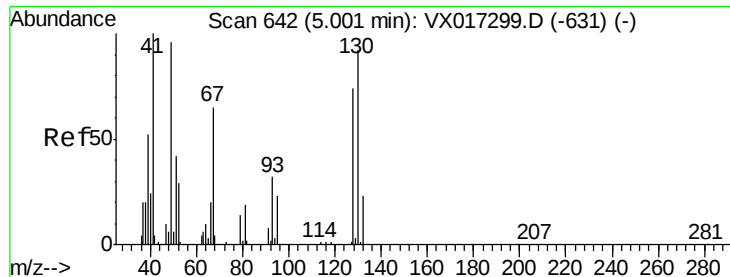


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

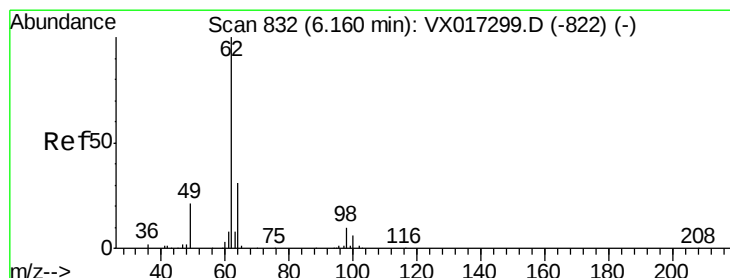
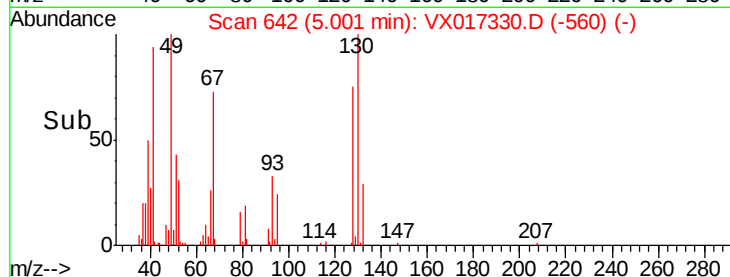
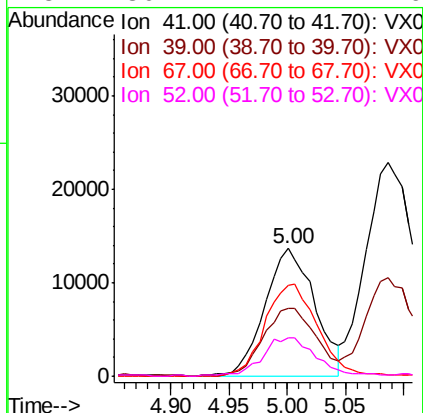
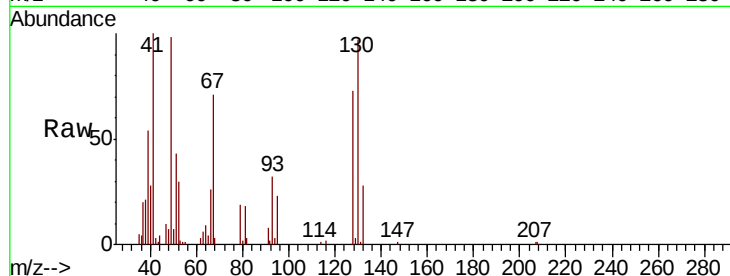




#35
Methacrylonitrile
Concen: 18.328 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

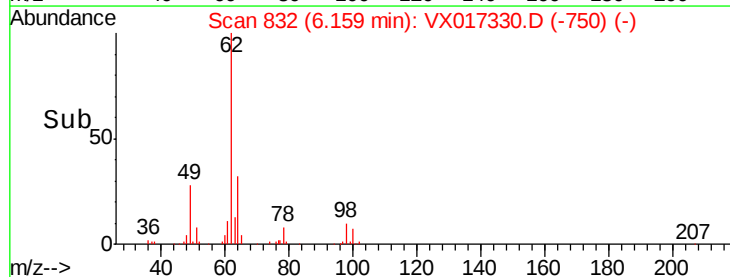
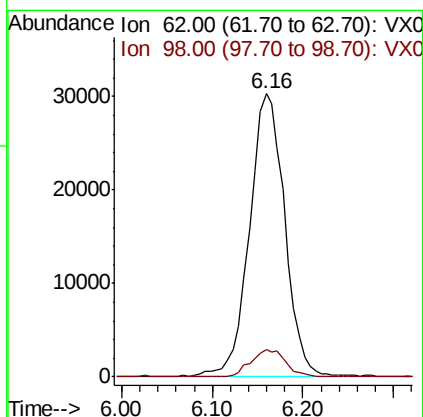
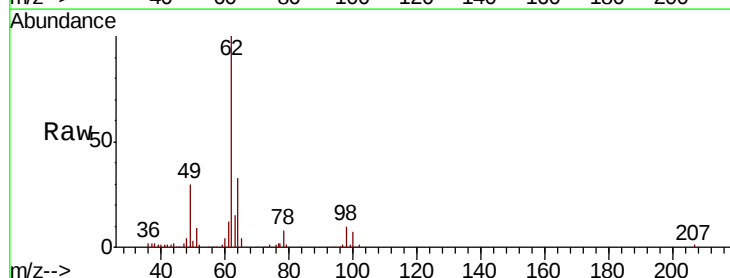
Instrument :
MSVOA_X
ClientSampled :

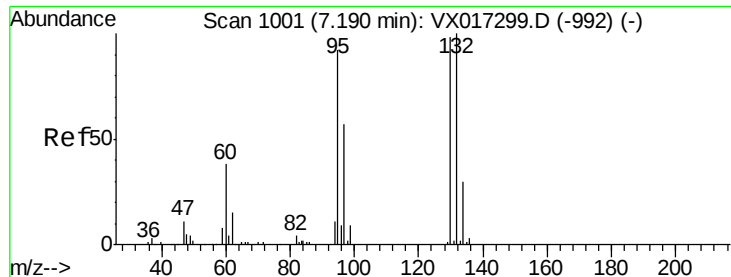
Tot Ion:	41	Resp:	40924
Ion	Ratio	Lower	Upper
41	100		
39	52.2	26.0	78.0
67	71.0	32.6	97.8
52	30.4	14.2	42.6



#36
1,2-Dichloroethane
Concen: 19.115 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion:	62	Resp:	81673
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.8	11.8

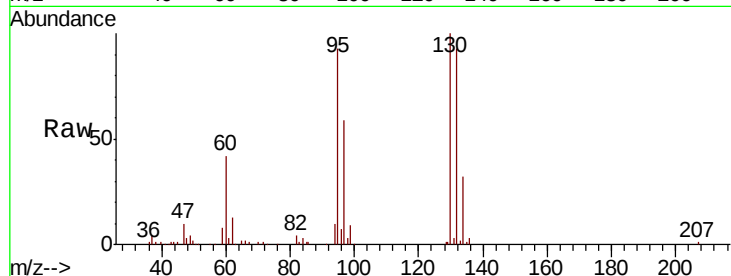




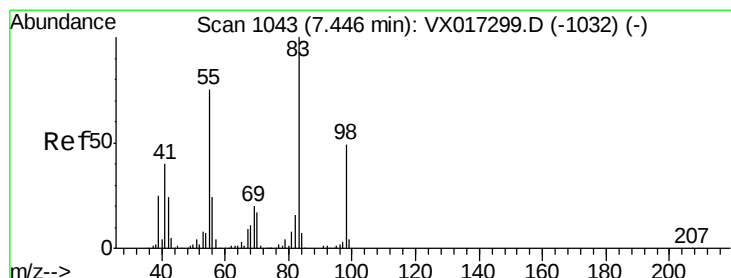
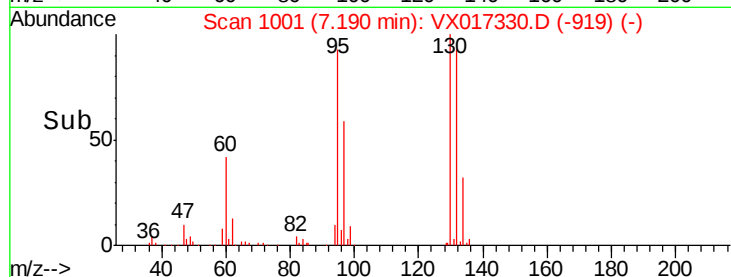
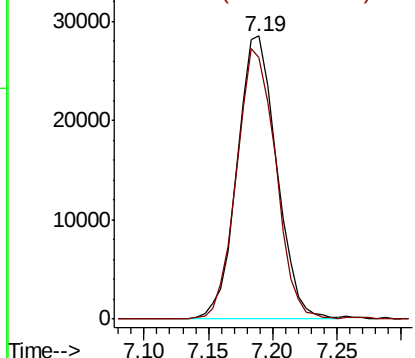
#37
 Trichloroethene
 Concen: 18.646 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 60846
 Ion Ratio Lower Upper
 130 100
 95 92.6 74.4 111.6

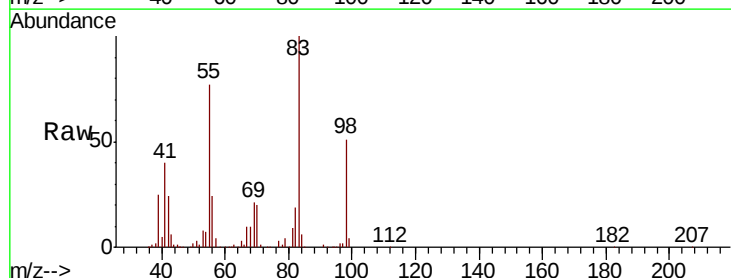


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

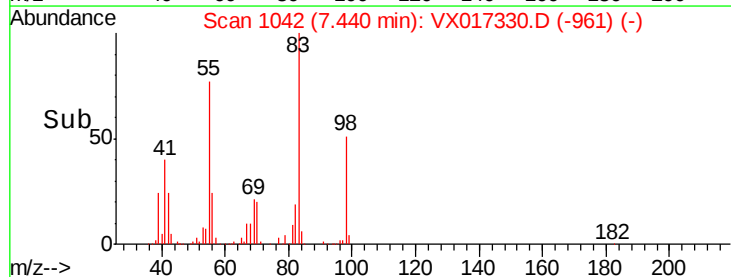
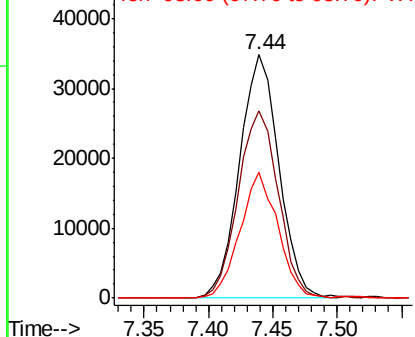


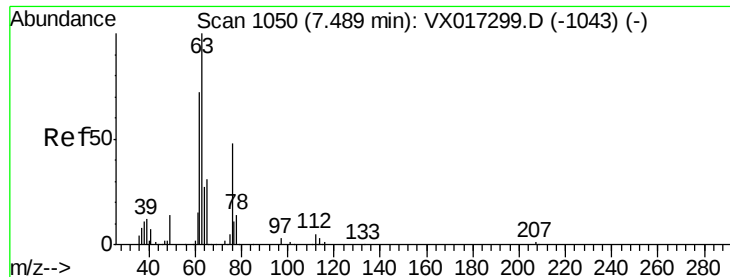
#38
 Methylcyclohexane
 Concen: 19.245 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 83 Resp: 73943
 Ion Ratio Lower Upper
 83 100
 55 78.2 39.0 117.0
 98 49.5 25.3 75.9



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

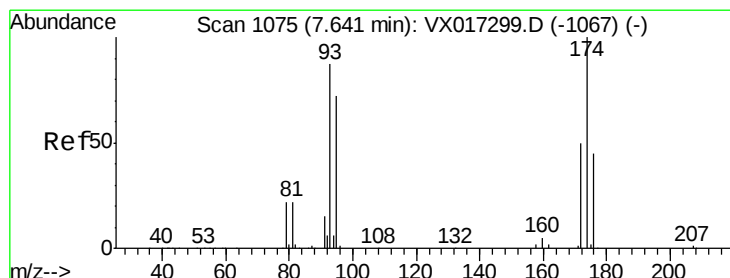
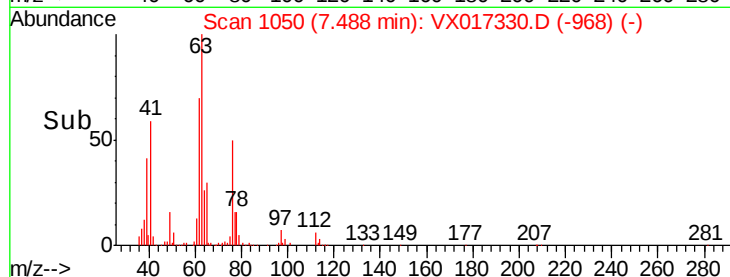
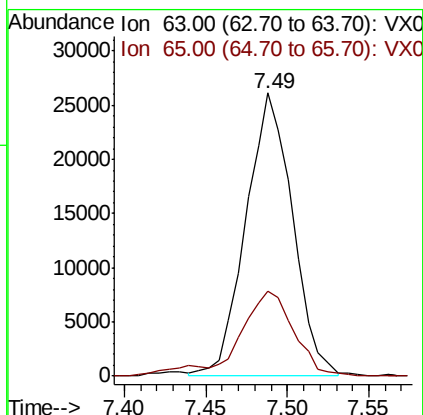
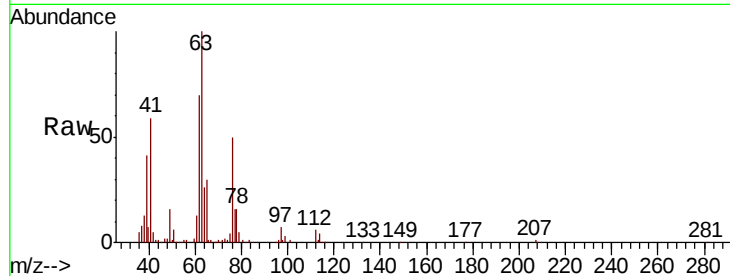




#39
 1,2-Dichloropropane
 Concen: 18.294 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

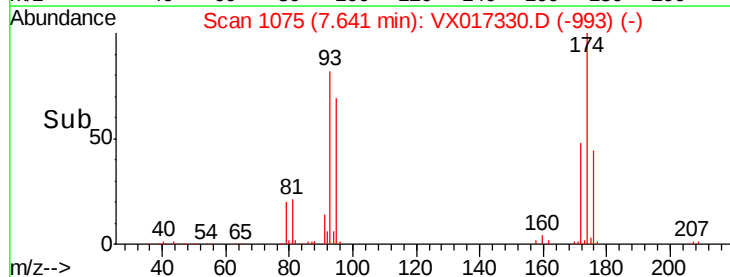
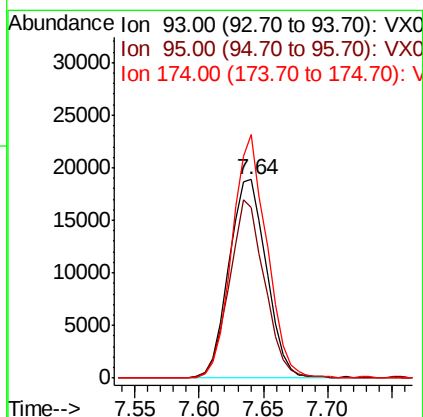
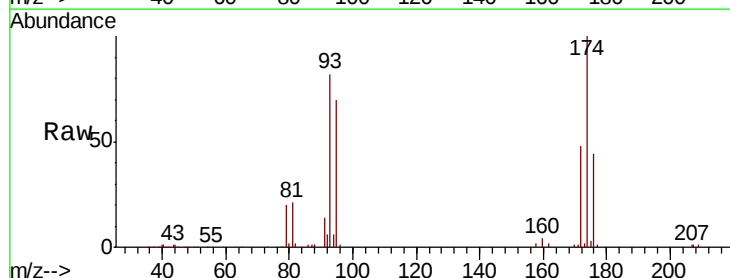
Instrument :
 MSVOA_X
 ClientSampleId :

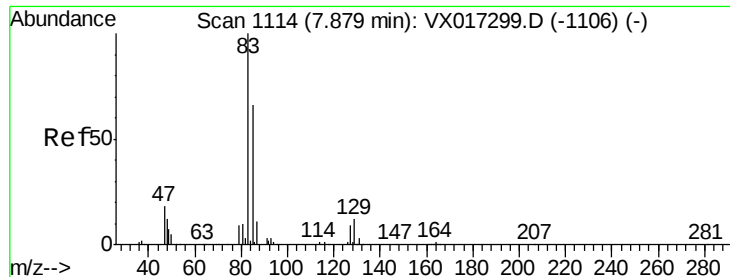
Tot Ion: 63 Resp: 51863
 Ion Ratio Lower Upper
 63 100
 65 29.6 27.4 41.0



#40
 Dibromomethane
 Concen: 18.847 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 93 Resp: 38492
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 164.4
 174 112.4 0.0 224.8





#41

Bromodichloromethane

Concen: 18.961 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

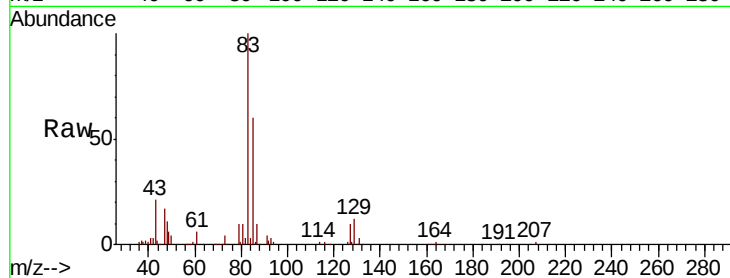
Tot Ion: 83 Resp: 80818

Ion Ratio Lower Upper

83 100

85 59.7 53.1 79.7

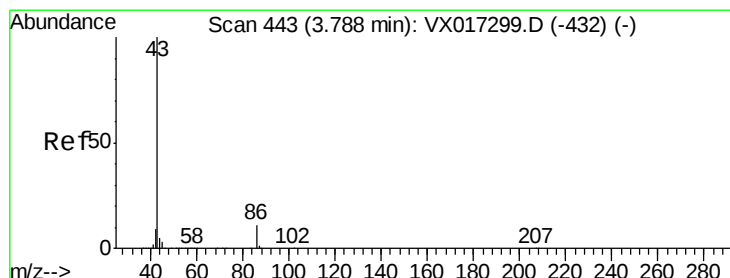
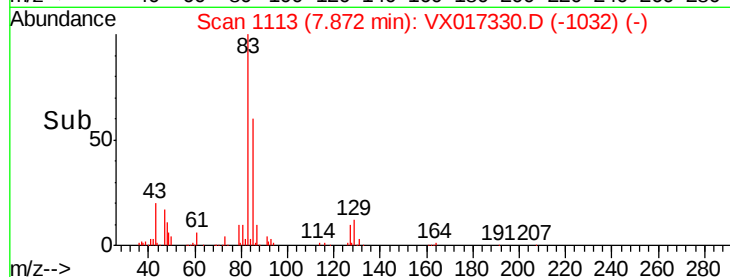
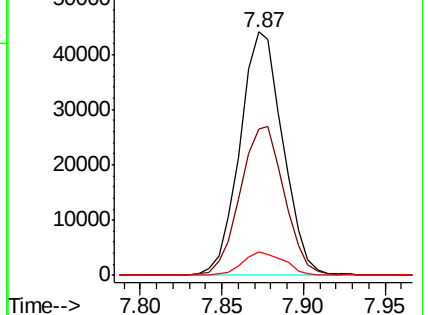
127 9.6 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 93.879 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017330.D

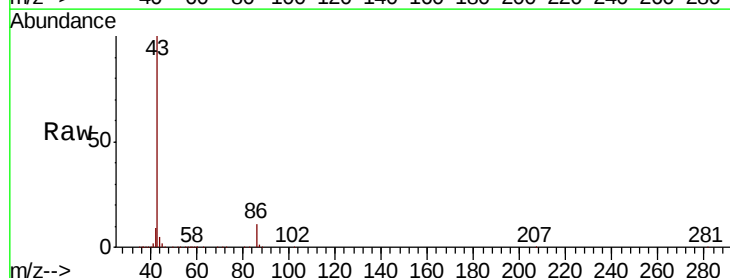
Acq: 10 Jul 2020 13:06

Tgt Ion: 43 Resp: 715497

Ion Ratio Lower Upper

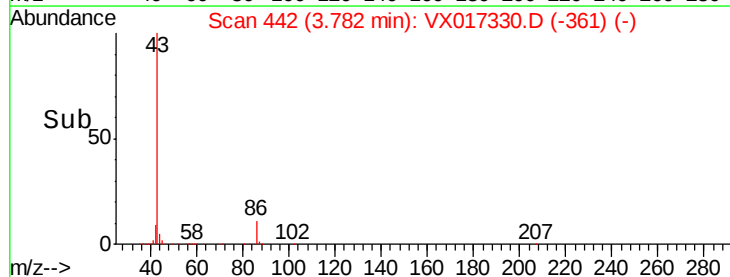
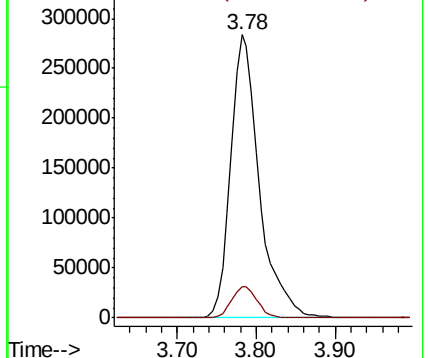
43 100

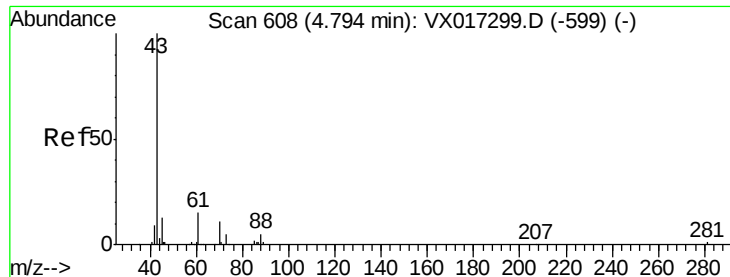
86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

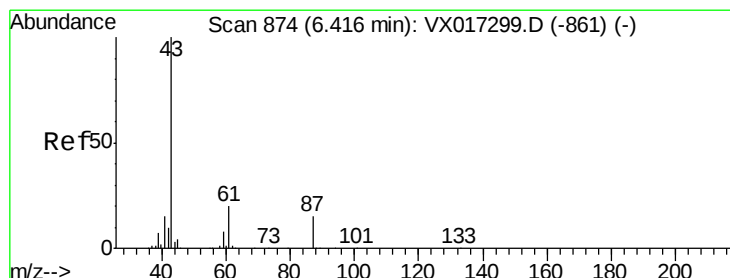
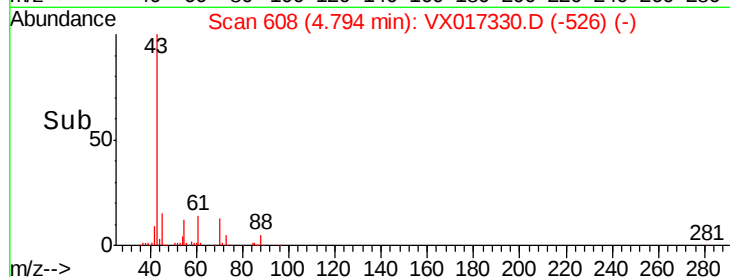
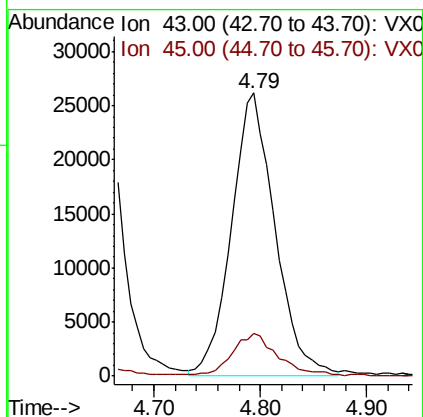
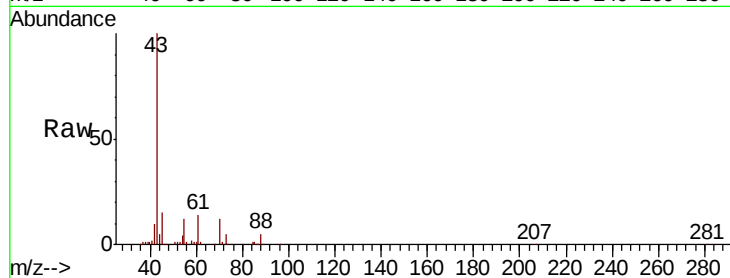




#43
Ethyl Acetate
Concen: 19.046 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

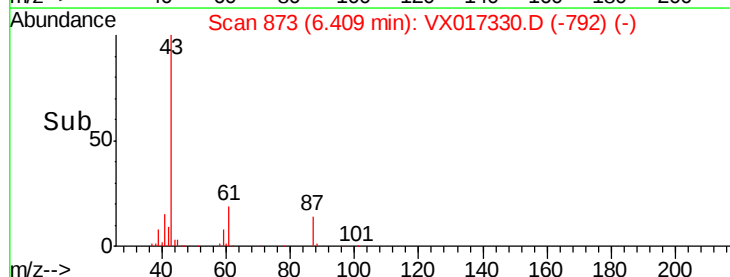
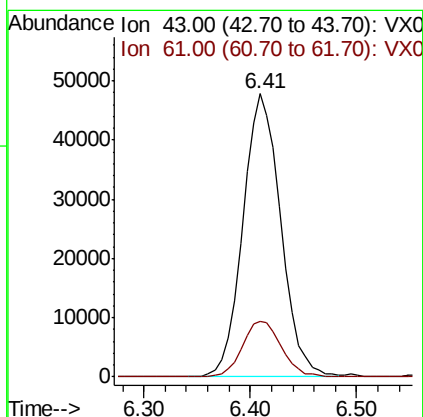
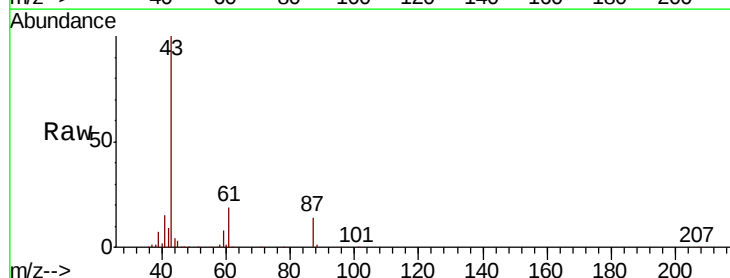
Instrument :
MSVOA_X
ClientSampleId :

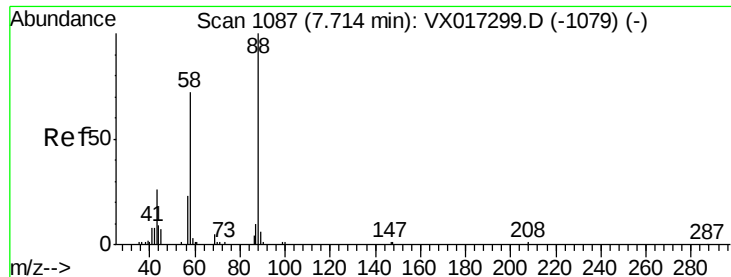
Tot Ion: 43 Resp: 74715
Ion Ratio Lower Upper
43 100
45 14.6 12.1 18.1



#44
Isopropyl Acetate
Concen: 18.208 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 43 Resp: 118841
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5





#45

1,4-Dioxane

Concen: 345.805 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

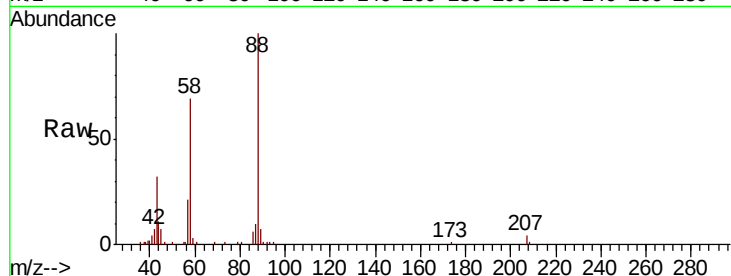
Tot Ion: 88 Resp: 21514

Ion Ratio Lower Upper

88 100

43 34.1 29.0 43.4

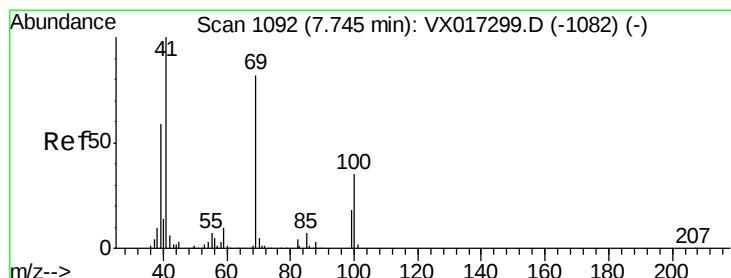
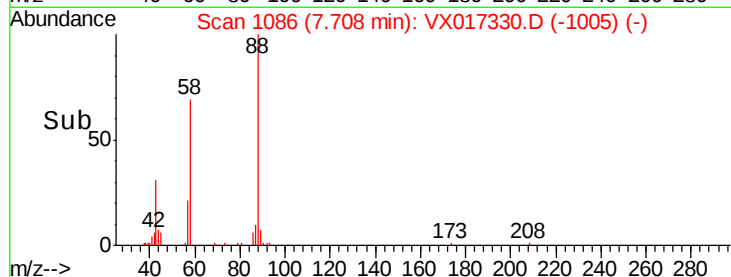
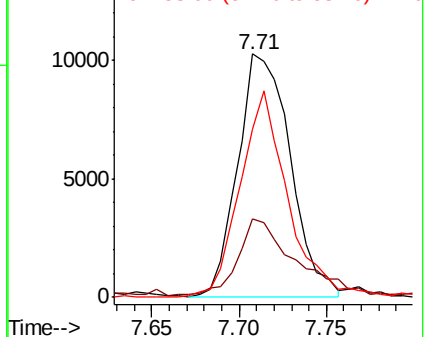
58 77.4 58.3 87.5



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



#46

Methyl methacrylate

Concen: 17.783 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

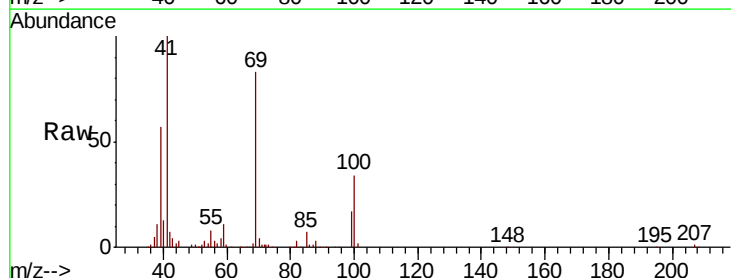
Tgt Ion: 41 Resp: 56543

Ion Ratio Lower Upper

41 100

69 83.0 41.1 123.3

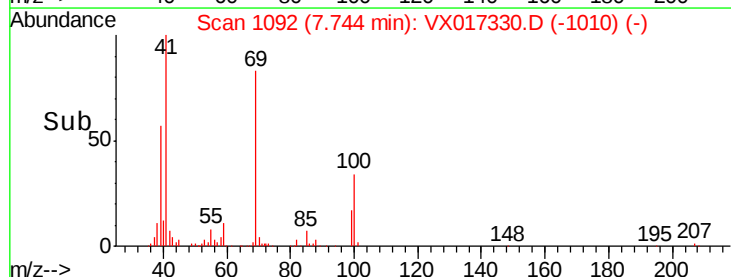
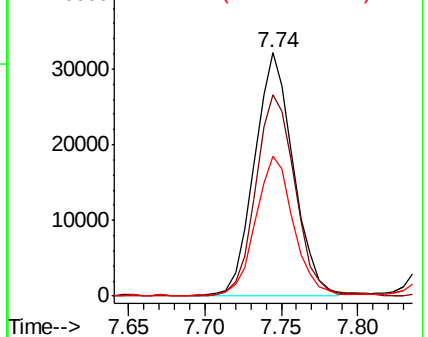
39 57.3 29.2 87.6

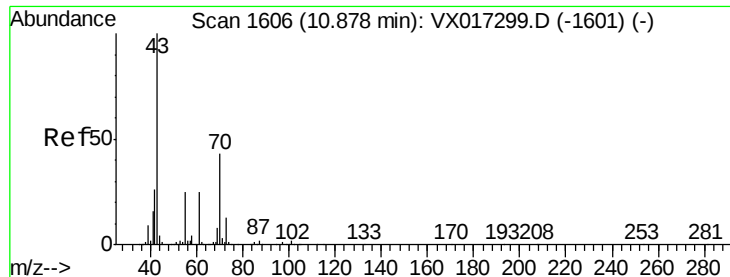


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 17.028 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

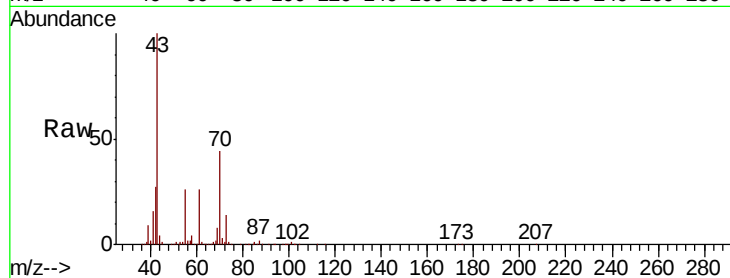
ClientSampleId :

Tot Ion: 43 Resp: 98409

Ion Ratio Lower Upper

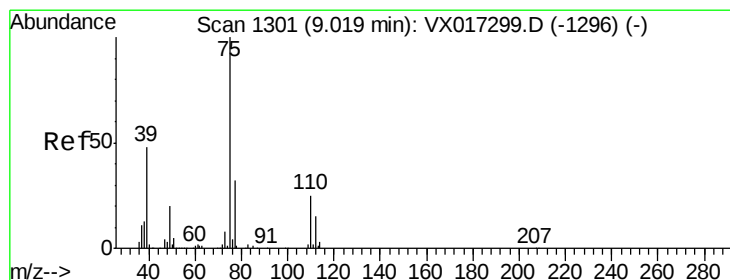
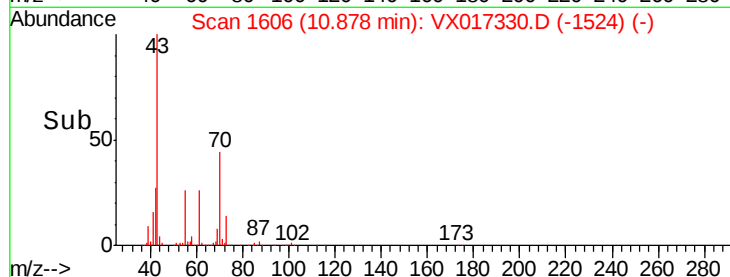
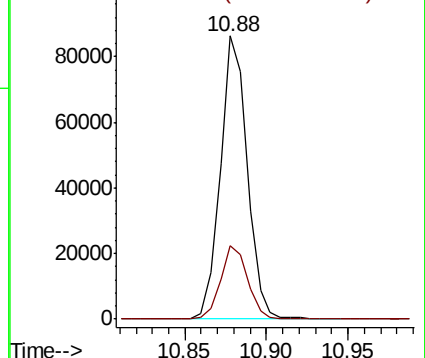
43 100

55 26.5 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.896 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX017330.D

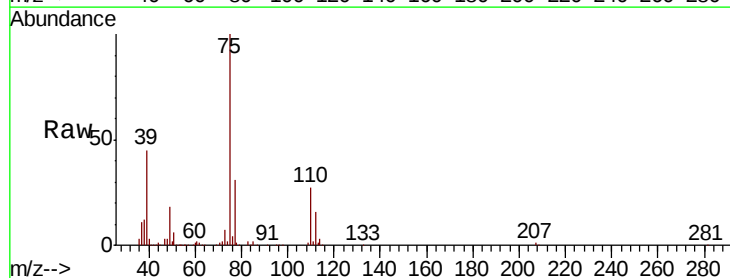
Acq: 10 Jul 2020 13:06

Tgt Ion: 75 Resp: 84207

Ion Ratio Lower Upper

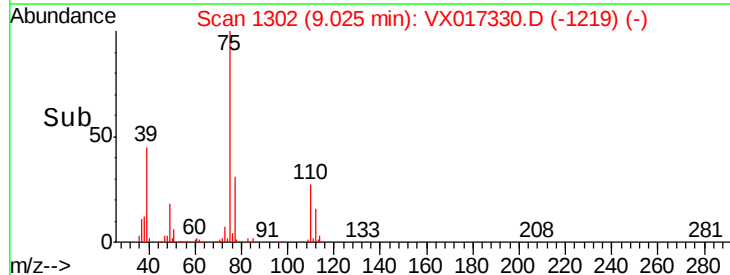
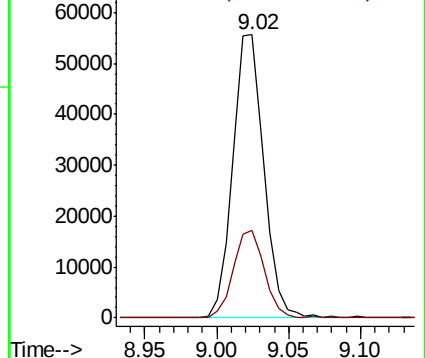
75 100

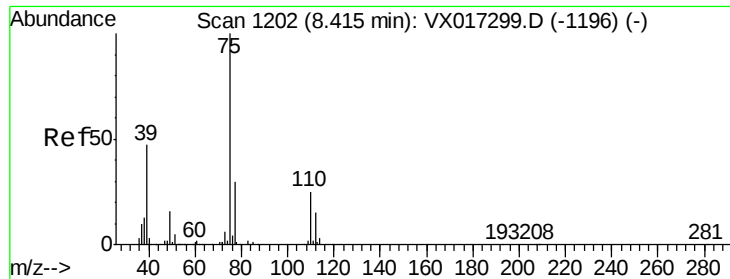
77 31.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



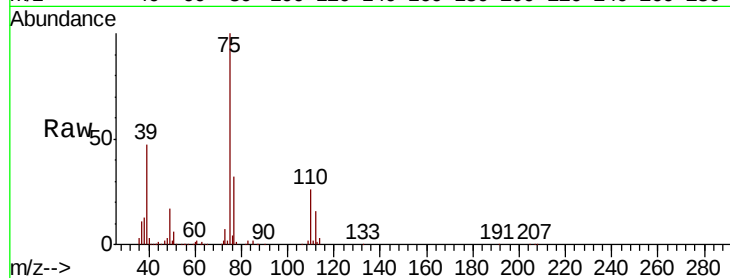


#49

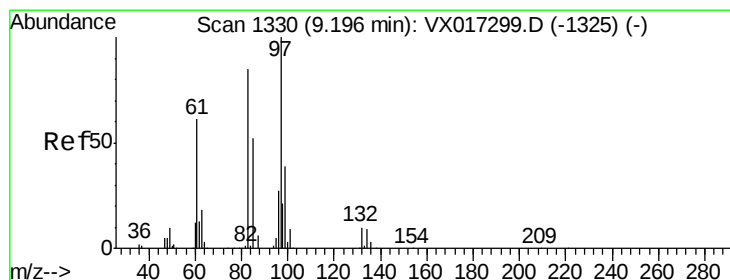
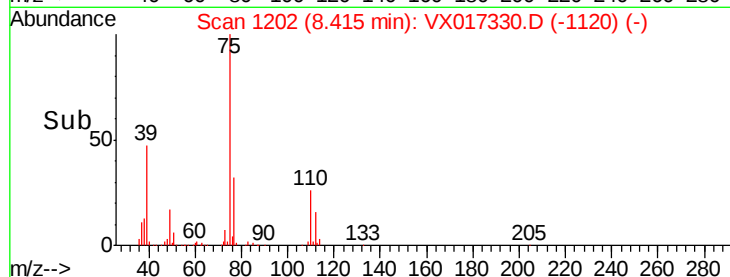
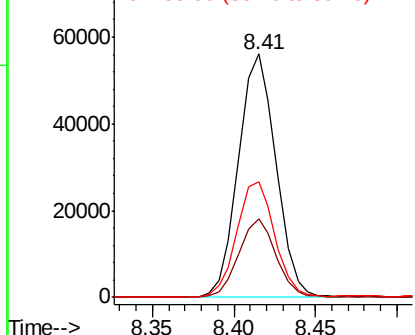
cis-1,3-Dichloropropene
 Concen: 18.351 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	23.6	35.4
39	47.0	37.5	56.3



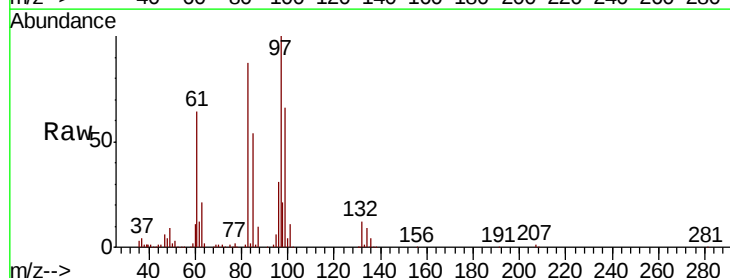
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



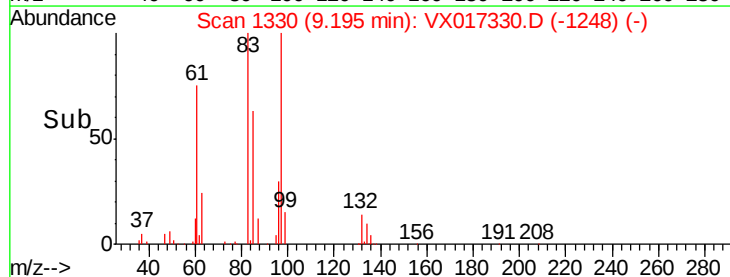
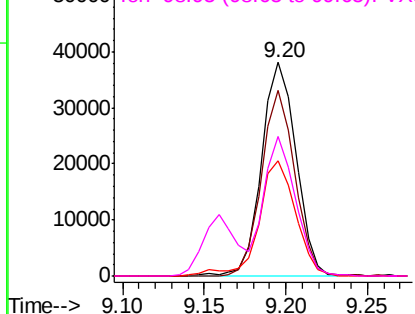
#50

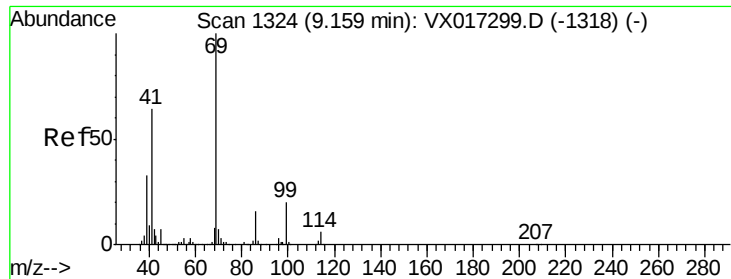
1,1,2-Trichloroethane
 Concen: 18.451 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.9	101.9
85	53.6	42.6	64.0
99	65.0	50.7	76.1



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 17.387 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

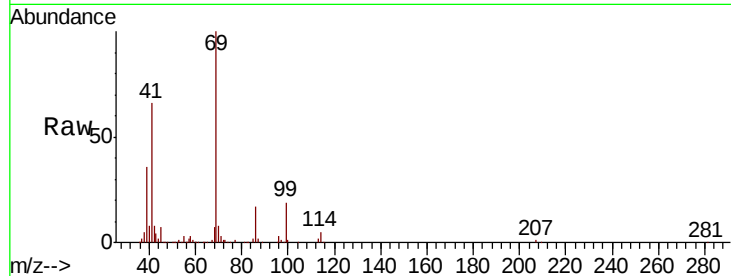
Tot Ion: 69 Resp: 76645

Ion Ratio Lower Upper

69 100

41 66.1 32.1 96.5

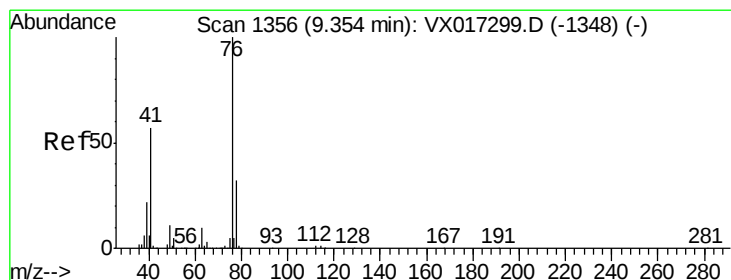
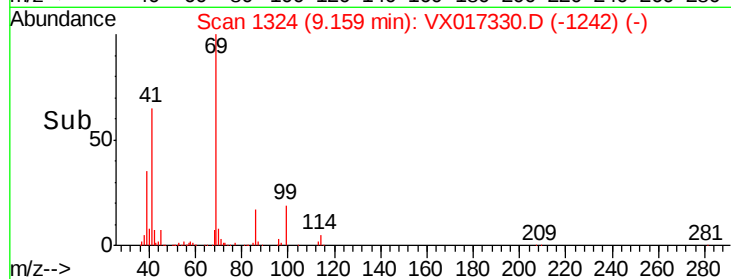
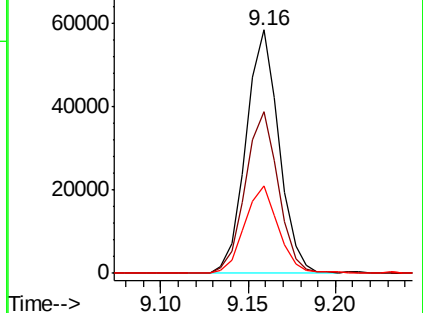
39 35.5 16.3 48.9



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.772 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017330.D

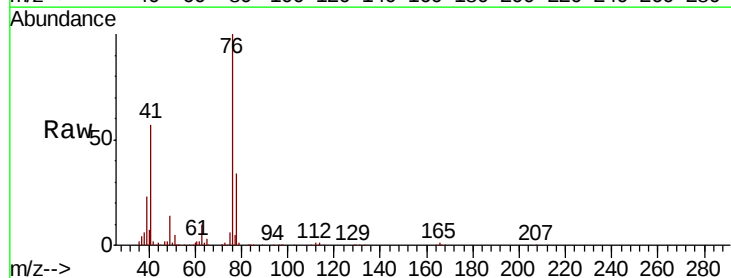
Acq: 10 Jul 2020 13:06

Tgt Ion: 76 Resp: 92520

Ion Ratio Lower Upper

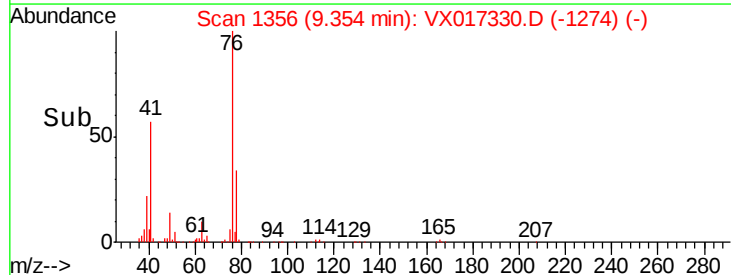
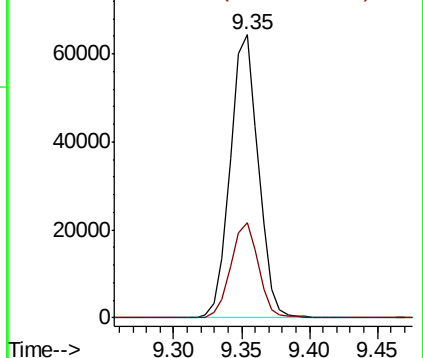
76 100

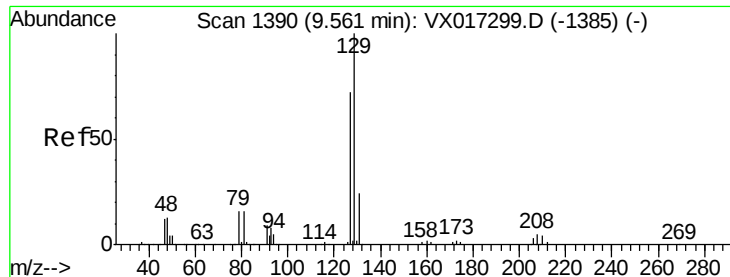
78 32.9 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.173 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

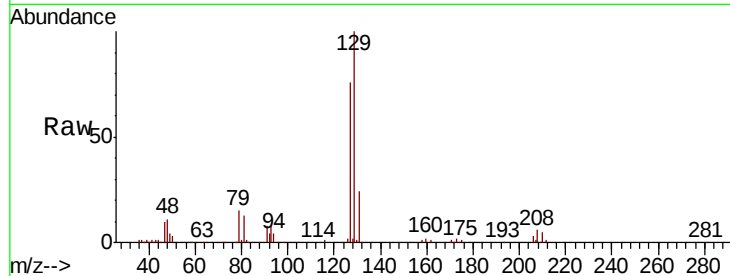
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 67121

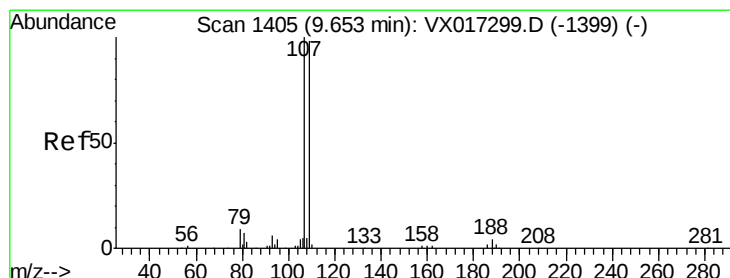
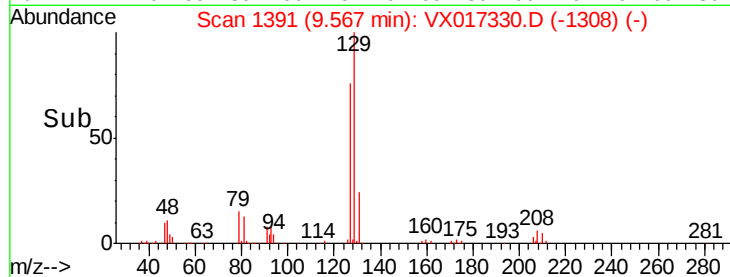
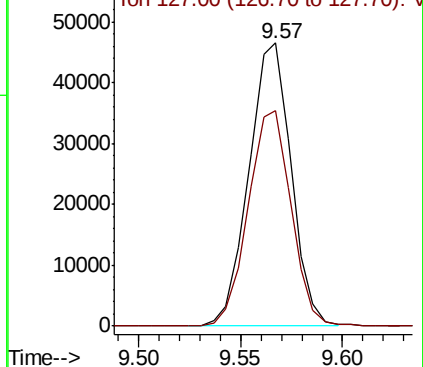
Ion Ratio Lower Upper

129 100

127 77.3 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.481 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017330.D

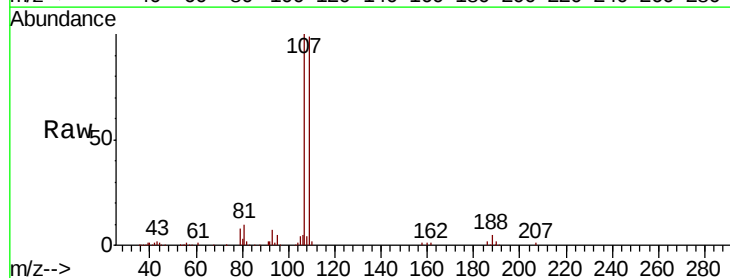
Acq: 10 Jul 2020 13:06

Tgt Ion:107 Resp: 59790

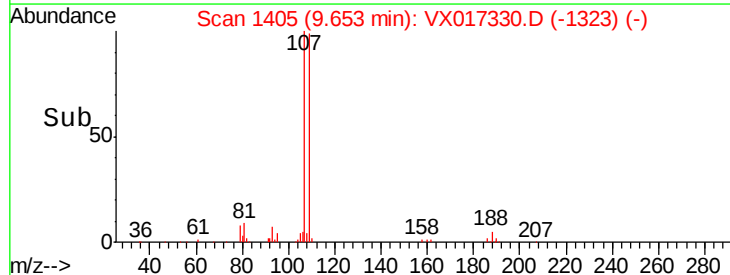
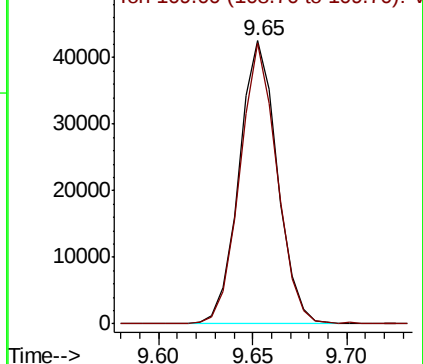
Ion Ratio Lower Upper

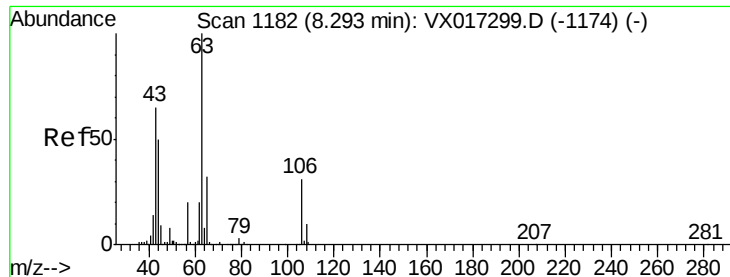
107 100

109 95.9 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

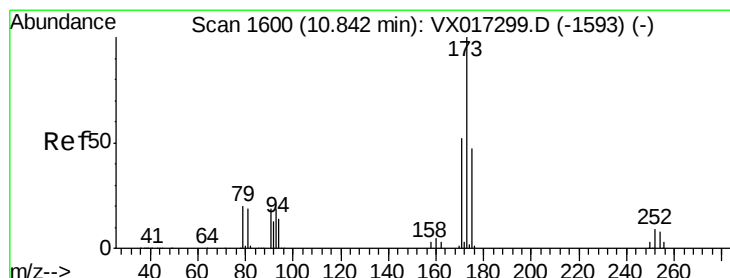
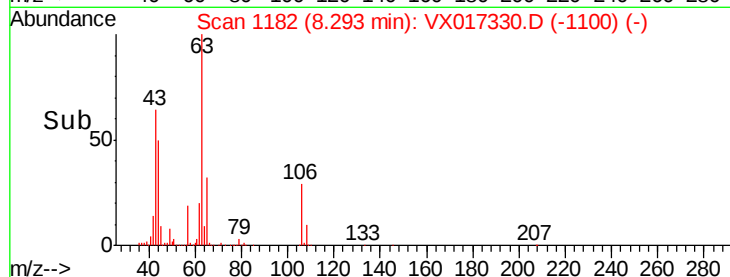
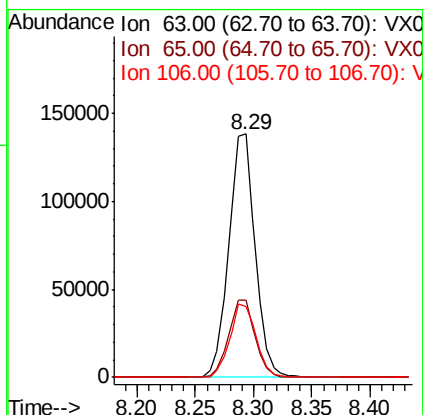
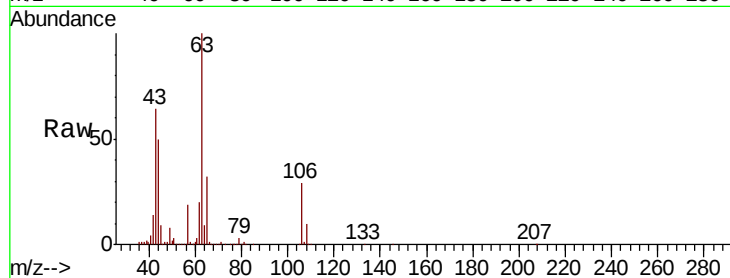




#55
2-Chloroethyl vinyl ether
Concen: 103.436 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

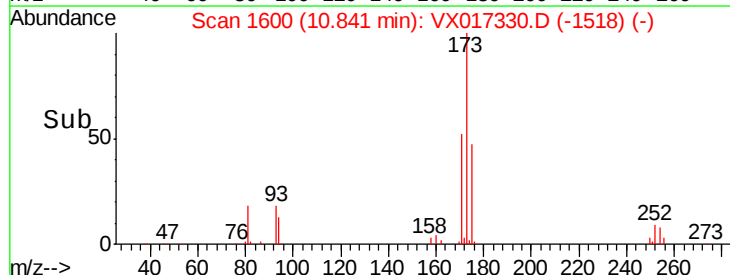
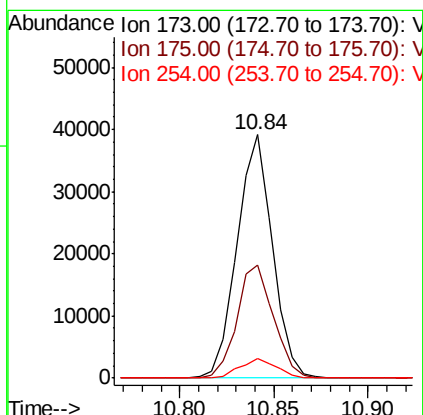
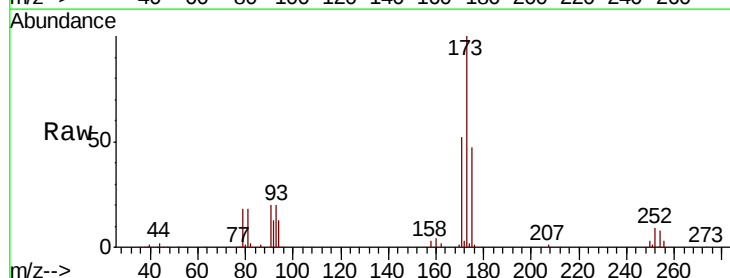
Instrument :
MSVOA_X
ClientSampleId :

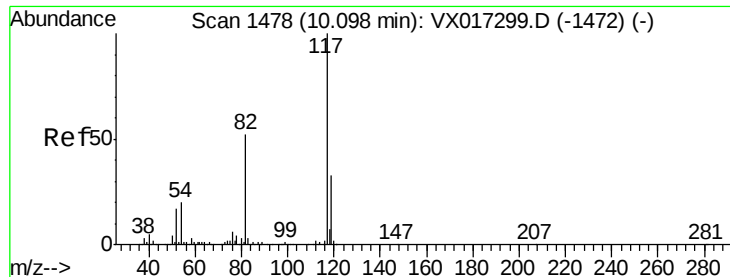
Tot Ion: 63 Resp: 217912
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 30.3 24.5 36.7



#56
Bromoform
Concen: 17.660 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 173 Resp: 50882
Ion Ratio Lower Upper
173 100
175 48.1 38.4 57.6
254 8.4 7.0 10.4

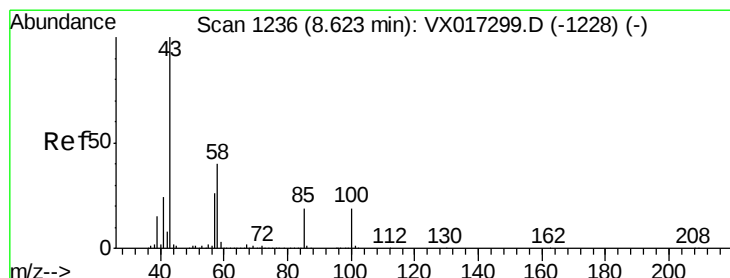
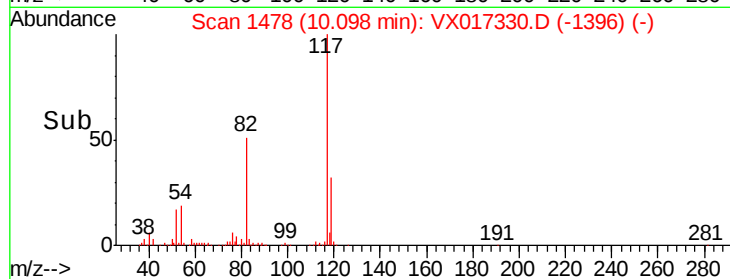
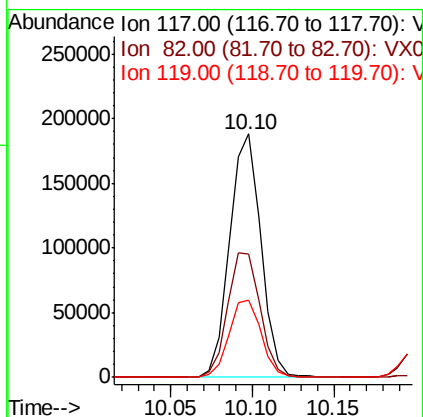
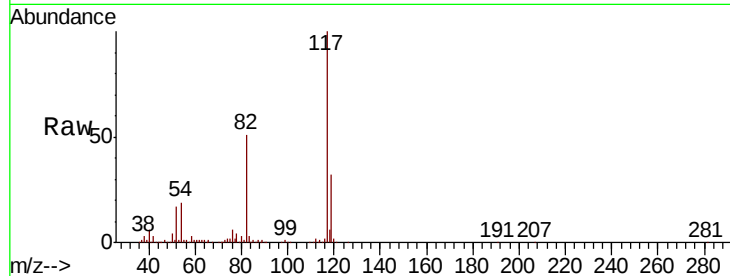




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

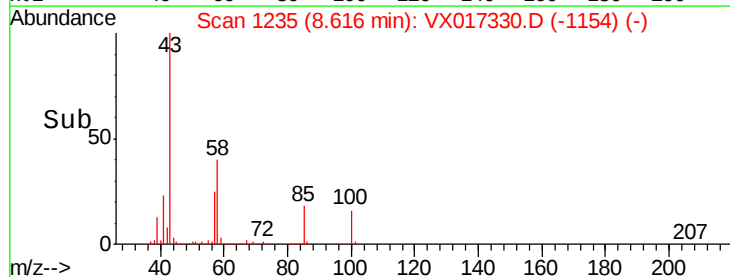
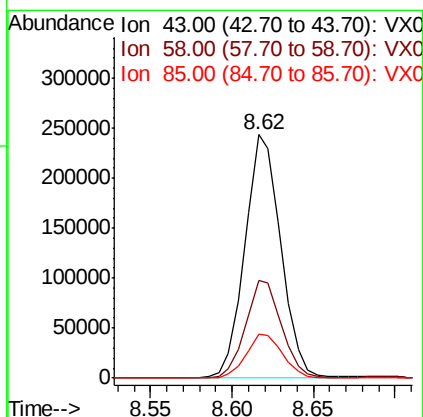
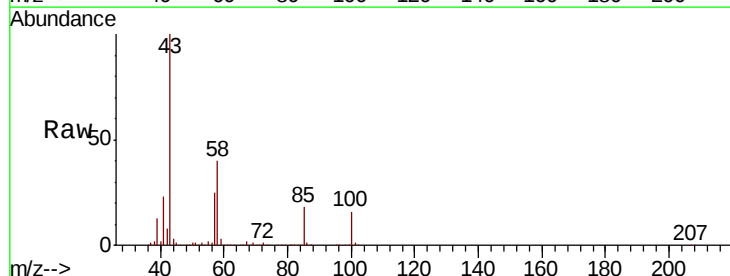
Instrument :
MSVOA_X
ClientSampled :

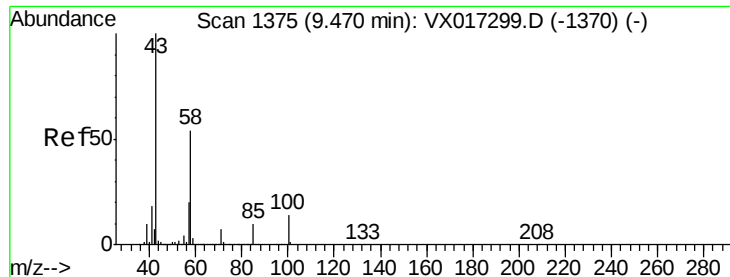
Tot Ion:117 Resp: 250946
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 32.6 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 94.133 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 43 Resp: 374297
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2
85 18.4 14.8 22.2

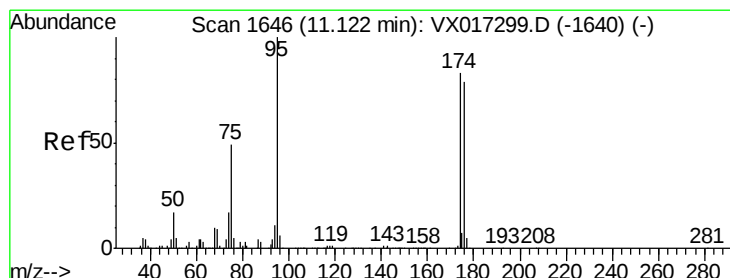
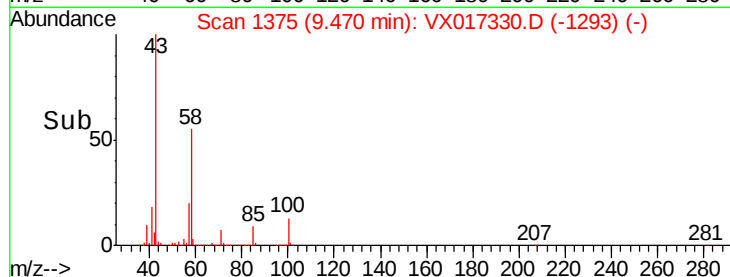
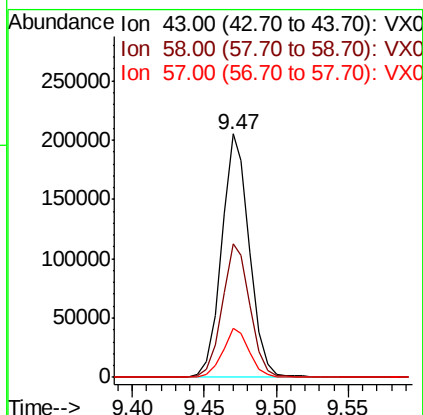
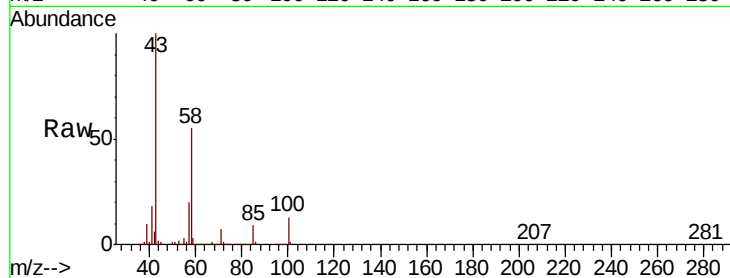




#59
2-Hexanone
Concen: 90.883 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

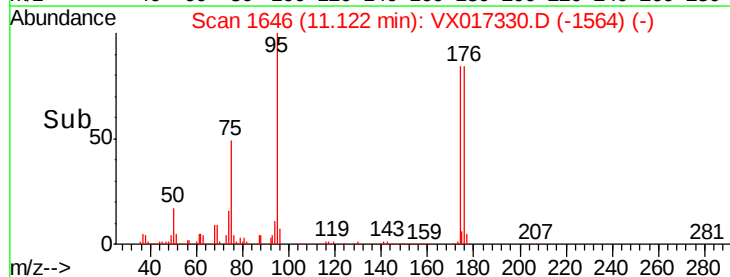
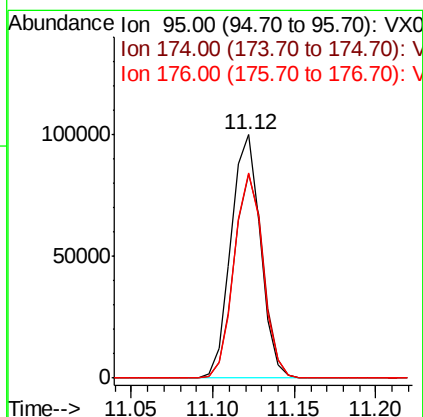
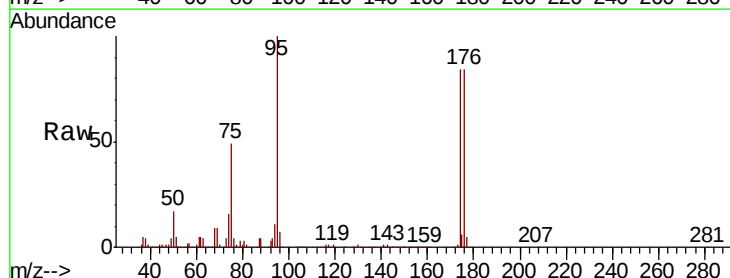
Instrument :
MSVOA_X
ClientSampleId :

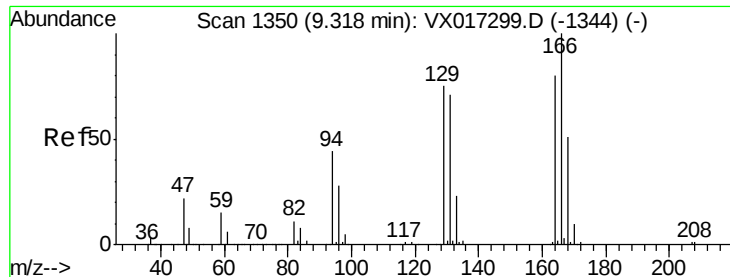
Tot Ion: 43 Resp: 275480
Ion Ratio Lower Upper
43 100
58 55.2 43.4 65.0
57 19.4 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.344 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 95 Resp: 125627
Ion Ratio Lower Upper
95 100
174 84.1 66.9 100.3
176 82.7 65.5 98.3





#61

Tetrachloroethene

Concen: 19.224 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 61454

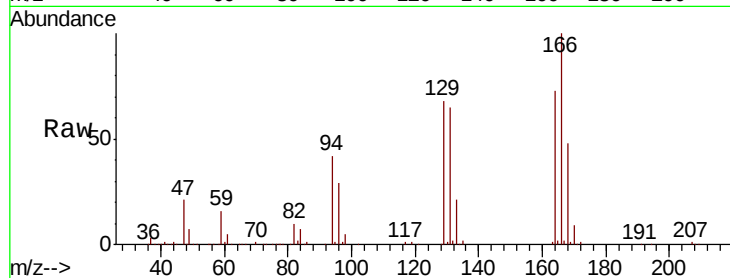
Ion Ratio Lower Upper

164 100

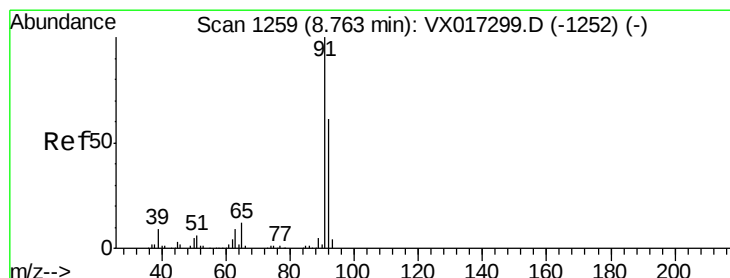
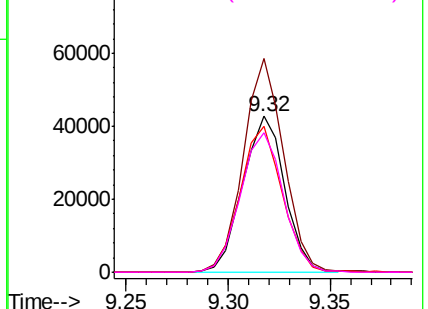
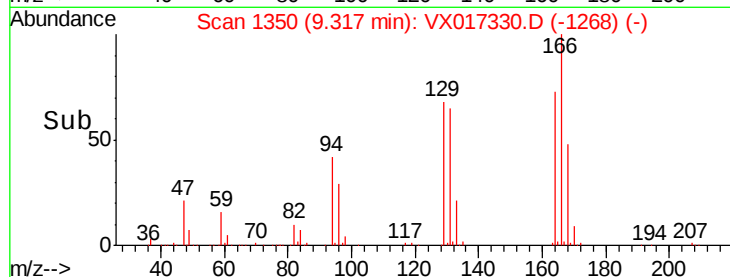
166 137.2 99.8 149.6

129 93.8 74.4 111.6

131 89.8 70.6 105.8



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.898 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017330.D

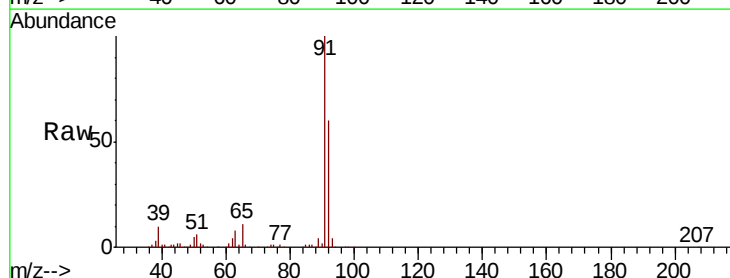
Acq: 10 Jul 2020 13:06

Tgt Ion: 91 Resp: 224503

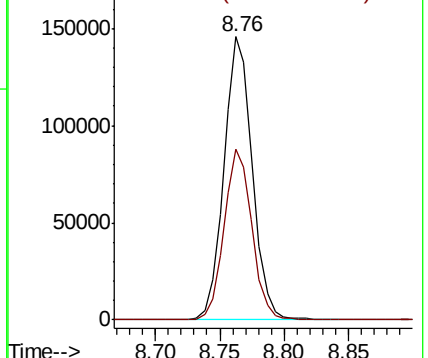
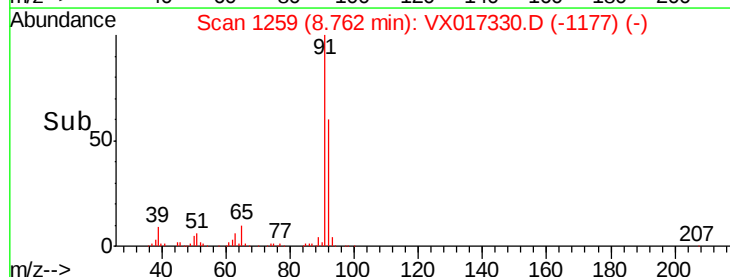
Ion Ratio Lower Upper

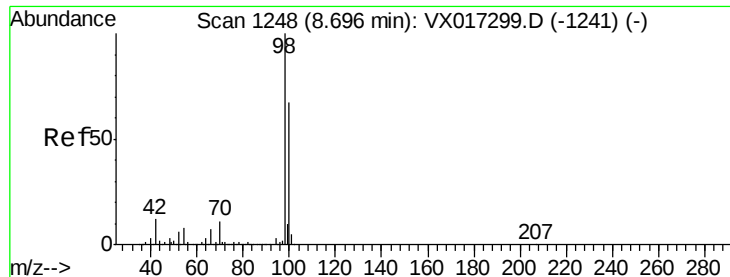
91 100

92 59.3 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.561 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

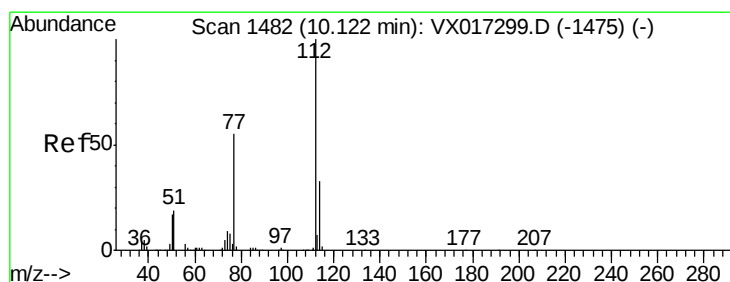
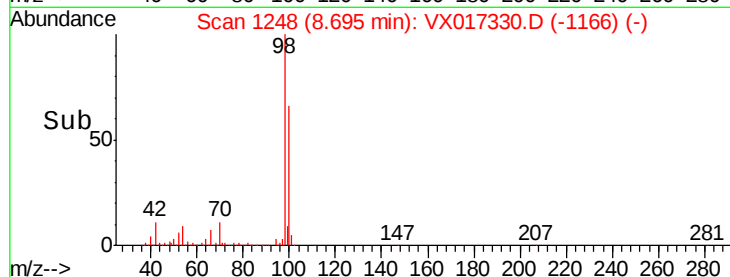
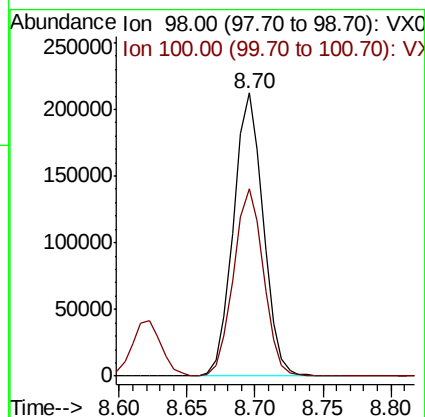
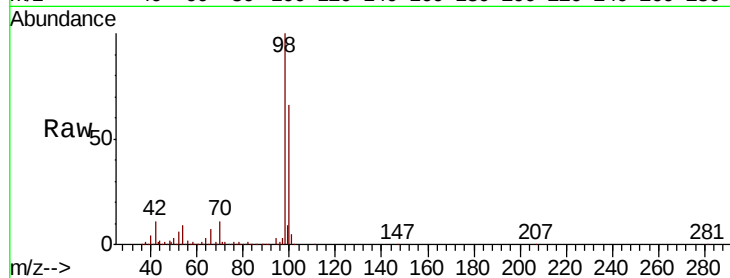
ClientSampleId :

Tot Ion: 98 Resp: 324405

Ion Ratio Lower Upper

98 100

100 66.9 52.8 79.2



#64

Chlorobenzene

Concen: 18.293 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017330.D

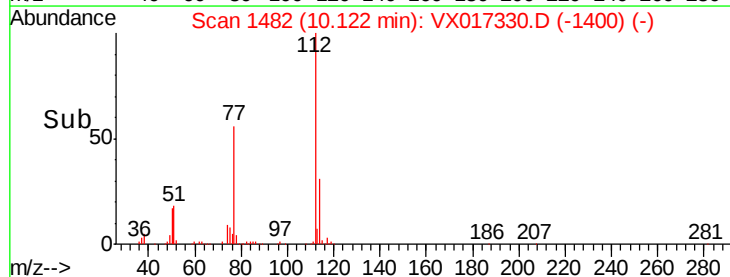
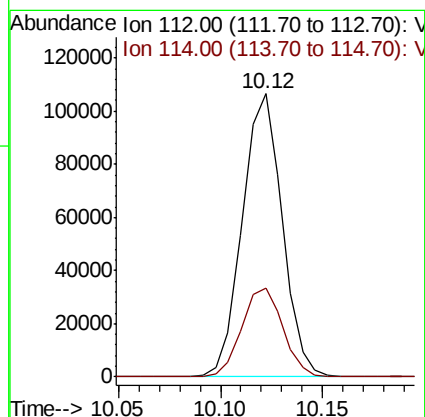
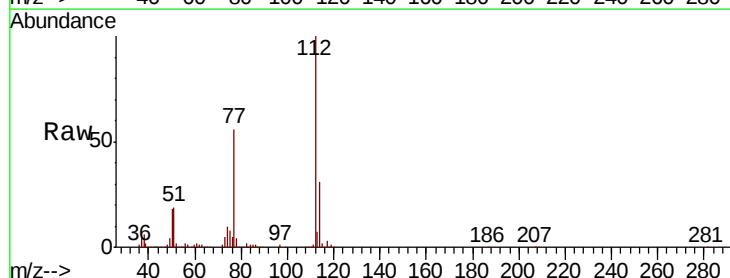
Acq: 10 Jul 2020 13:06

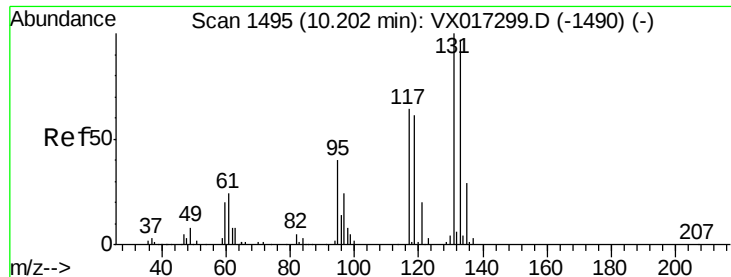
Tgt Ion: 112 Resp: 144991

Ion Ratio Lower Upper

112 100

114 31.3 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.309 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampled :

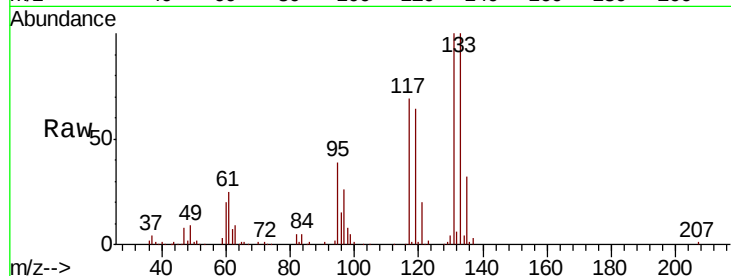
Tot Ion:131 Resp: 59293

Ion Ratio Lower Upper

131 100

133 96.7 0.0 196.8

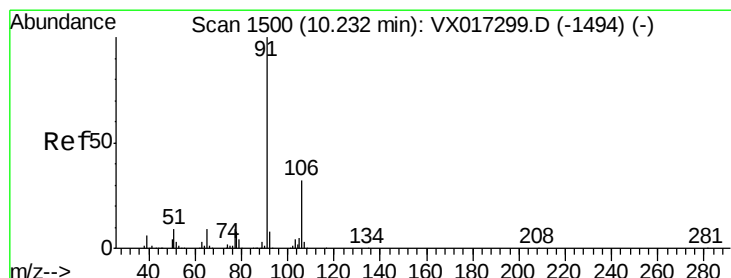
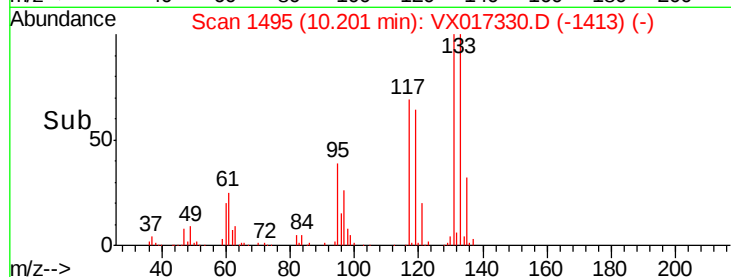
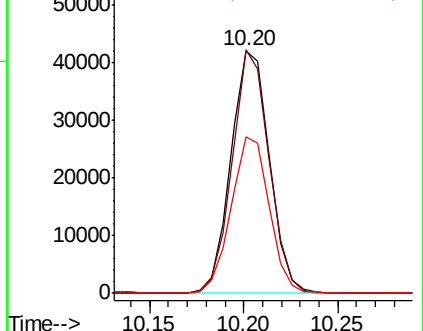
119 64.1 0.0 126.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.232 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017330.D

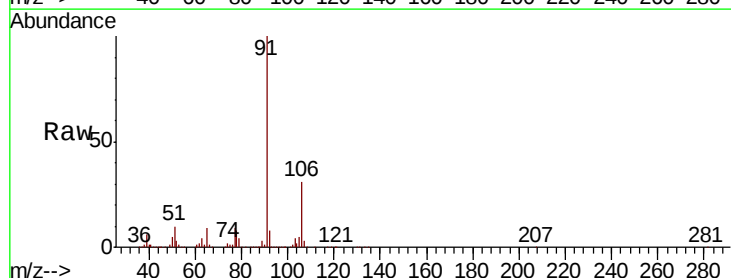
Acq: 10 Jul 2020 13:06

Tgt Ion: 91 Resp: 243741

Ion Ratio Lower Upper

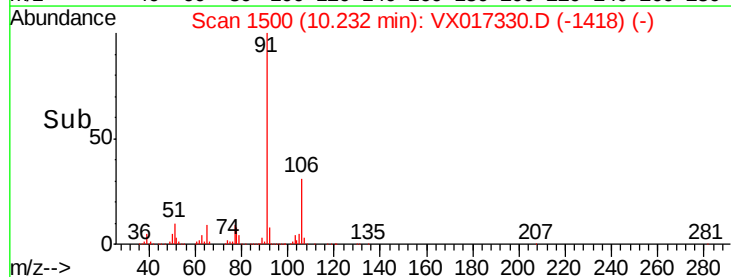
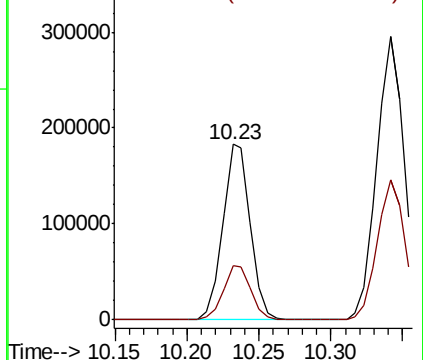
91 100

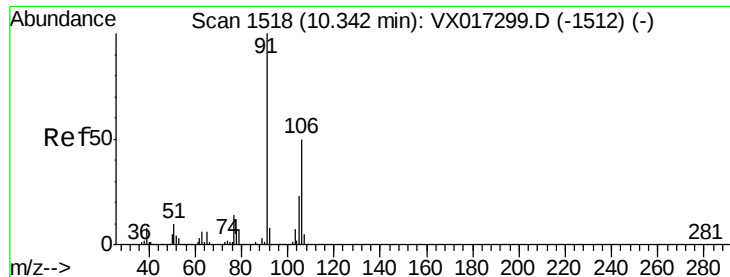
106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.157 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

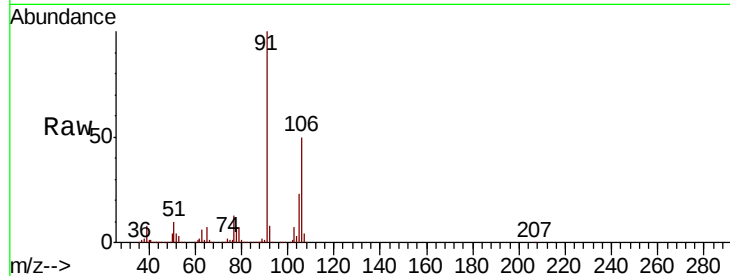
ClientSampleId :

Tot Ion:106 Resp: 191908

Ion Ratio Lower Upper

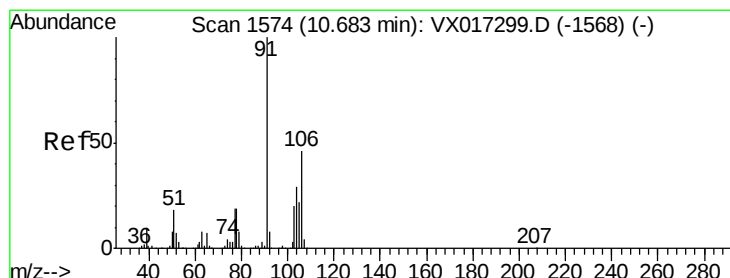
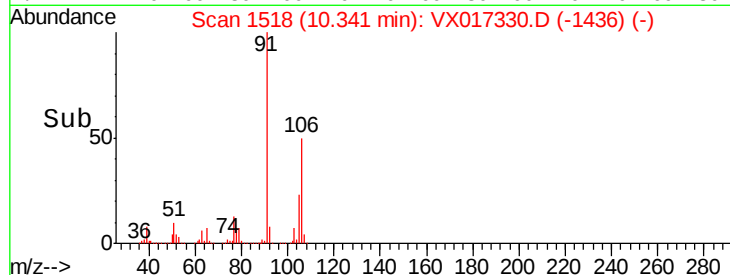
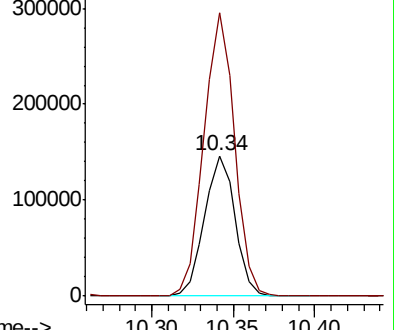
106 100

91 201.1 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.499 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017330.D

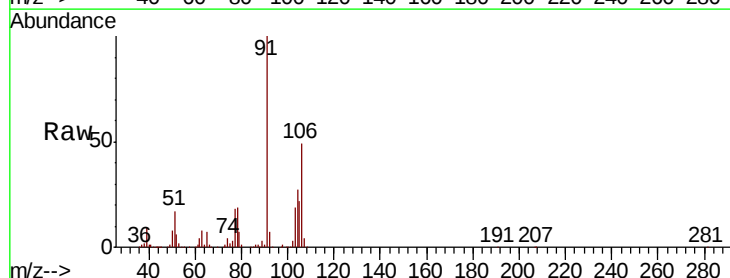
Acq: 10 Jul 2020 13:06

Tgt Ion:106 Resp: 90791

Ion Ratio Lower Upper

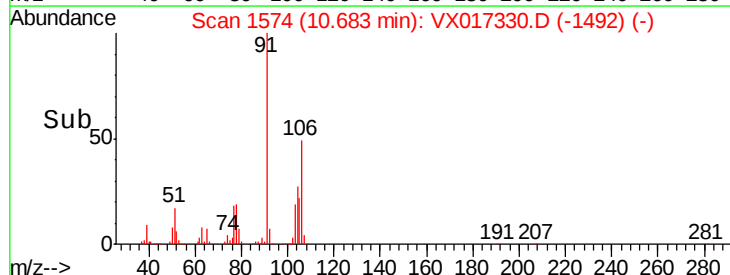
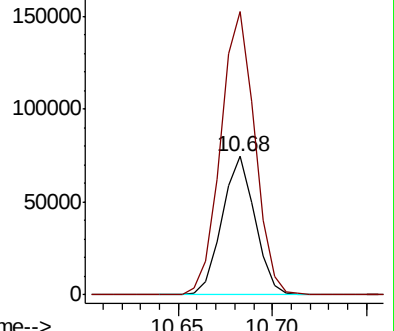
106 100

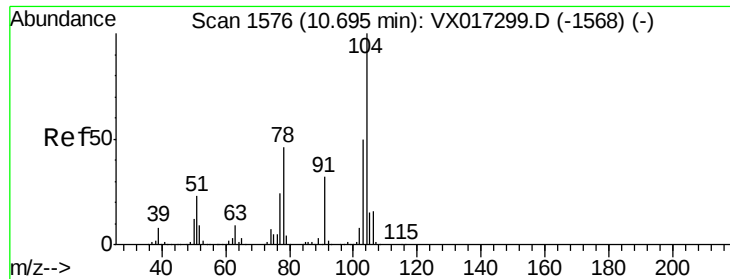
91 211.4 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

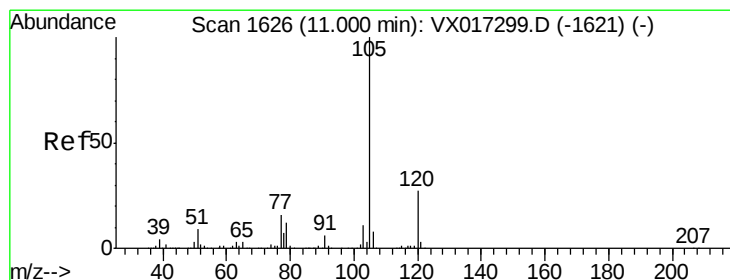
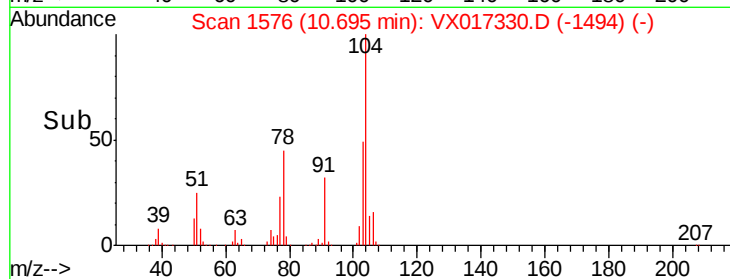
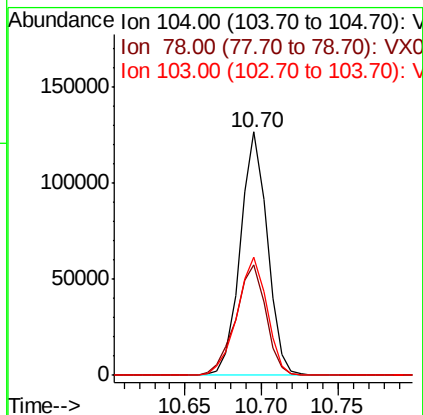
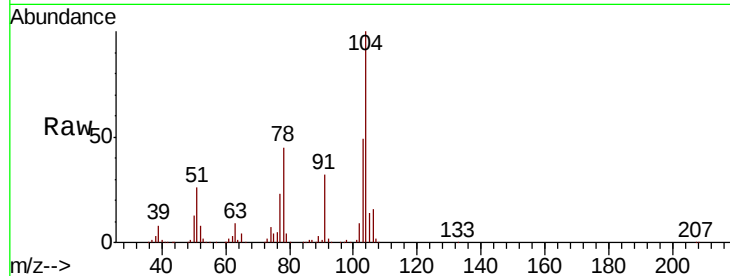




#69
Stvrene
Concen: 17.879 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

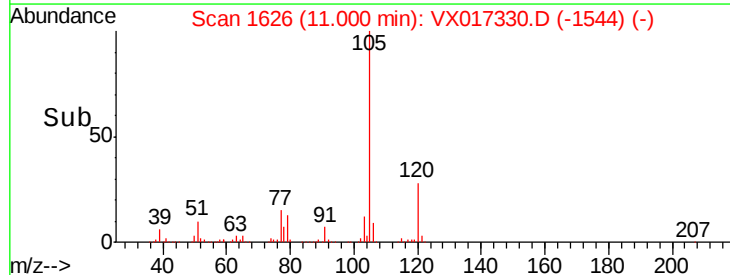
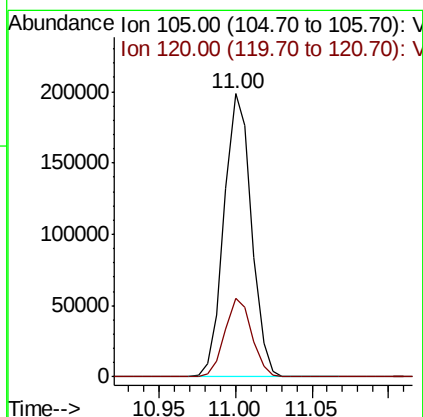
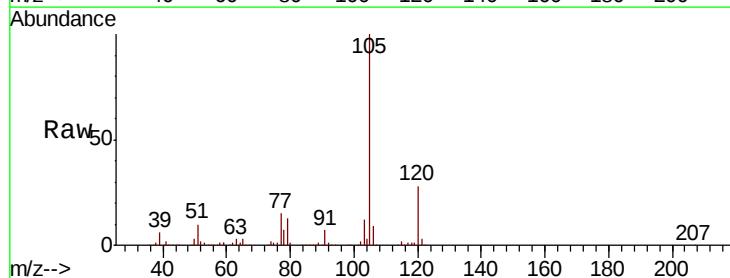
Instrument :
MSVOA_X
ClientSampleId :

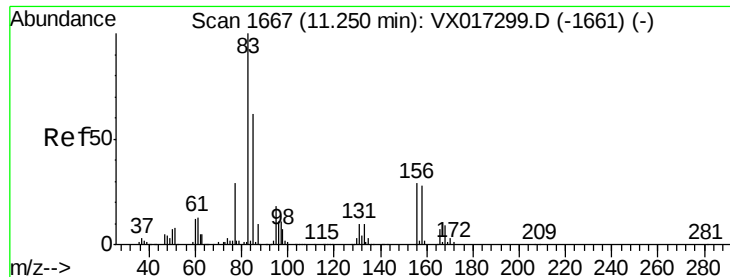
Tot Ion:104 Resp: 155617
Ion Ratio Lower Upper
104 100
78 50.7 40.8 61.2
103 53.9 44.3 66.5



#70
Isopropylbenzene
Concen: 18.339 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion:105 Resp: 246898
Ion Ratio Lower Upper
105 100
120 27.3 19.3 35.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.828 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

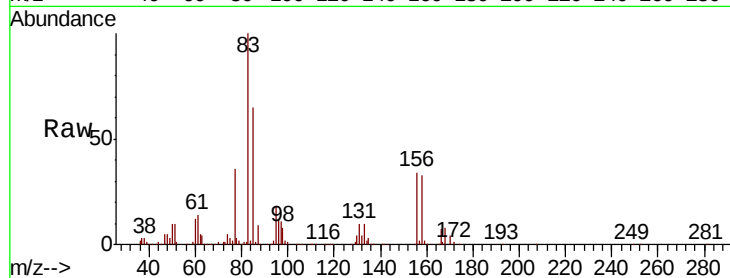
Tot Ion: 83 Resp: 79496

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.5

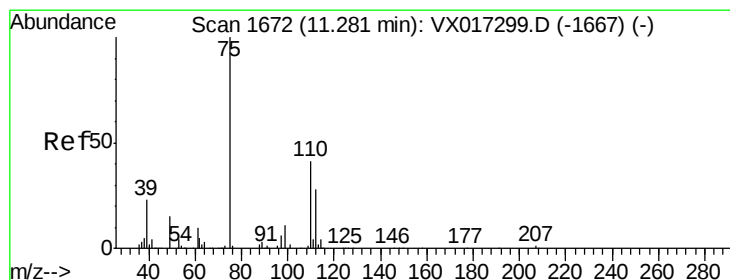
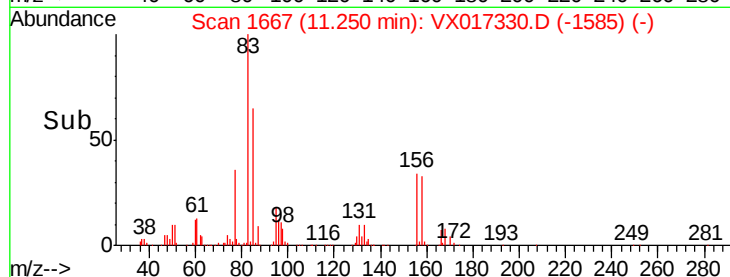
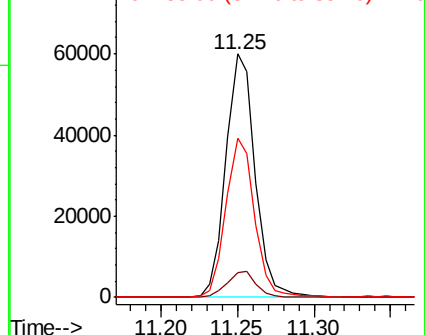
85 64.6 31.5 94.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.152 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017330.D

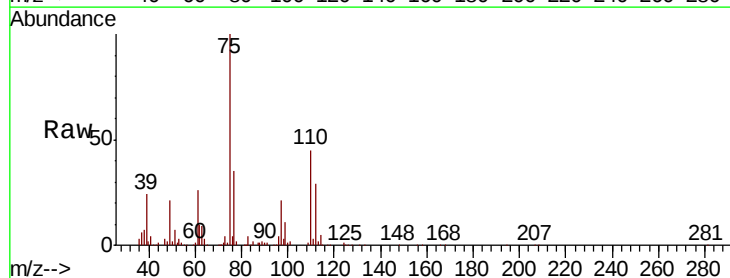
Acq: 10 Jul 2020 13:06

Tgt Ion: 75 Resp: 100171

Ion Ratio Lower Upper

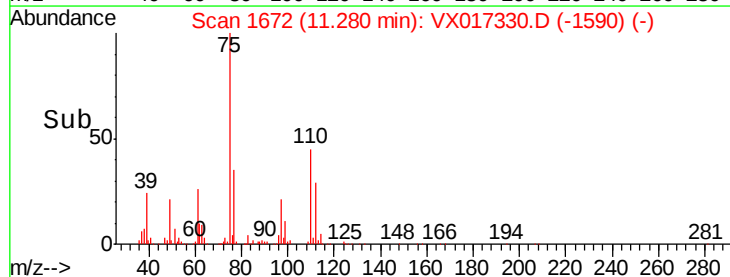
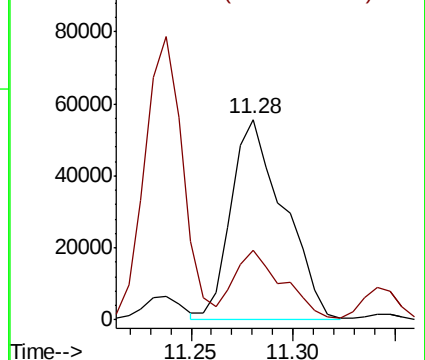
75 100

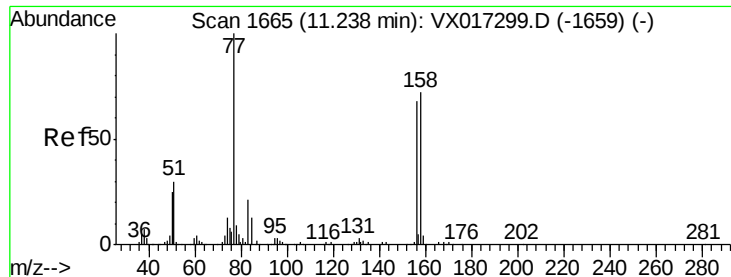
77 32.0 0.0 72.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.295 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

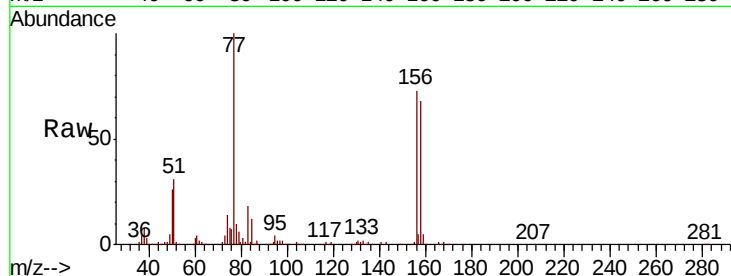
Tot Ion:156 Resp: 69202

Ion Ratio Lower Upper

156 100

77 147.2 0.0 299.2

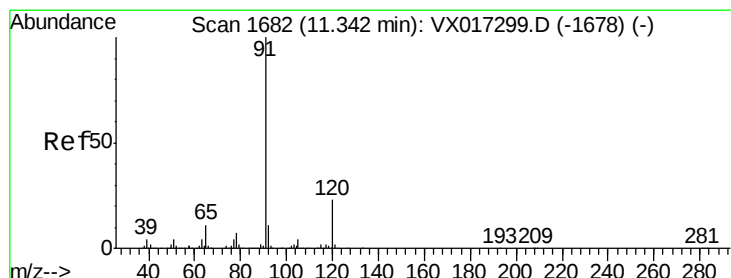
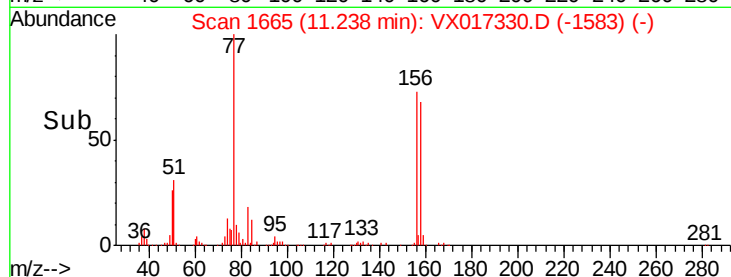
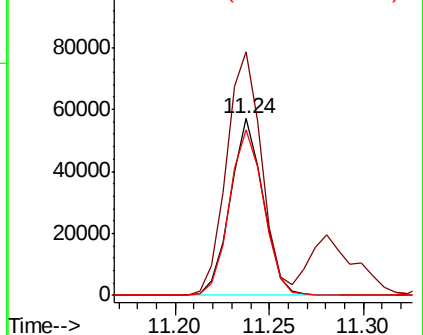
158 97.3 0.0 199.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.237 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017330.D

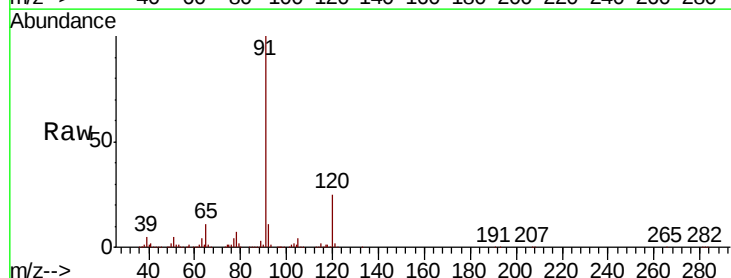
Acq: 10 Jul 2020 13:06

Tgt Ion: 91 Resp: 284432

Ion Ratio Lower Upper

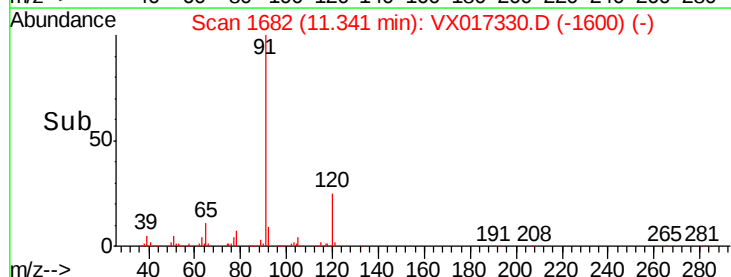
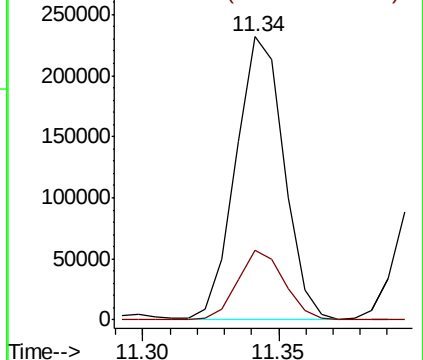
91 100

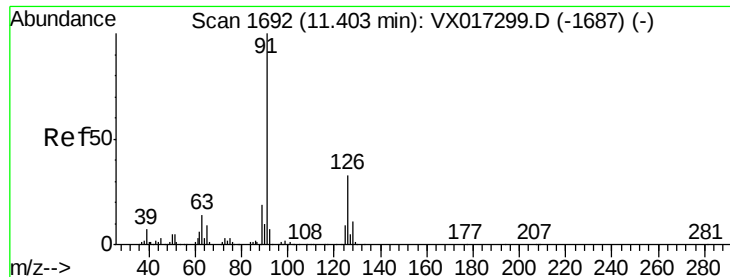
120 23.9 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.262 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

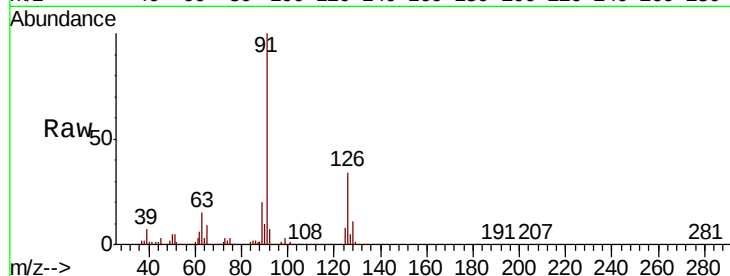
ClientSampled :

Tot Ion: 91 Resp: 173634

Ion Ratio Lower Upper

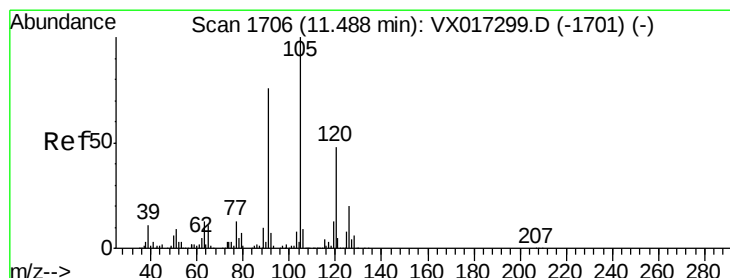
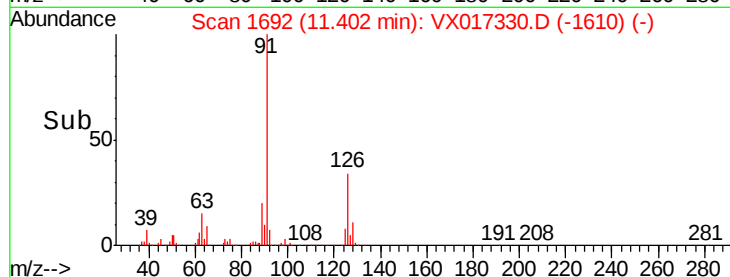
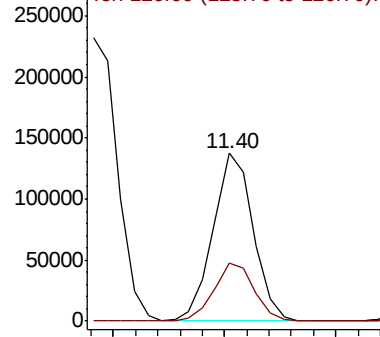
91 100

126 34.6 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.541 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017330.D

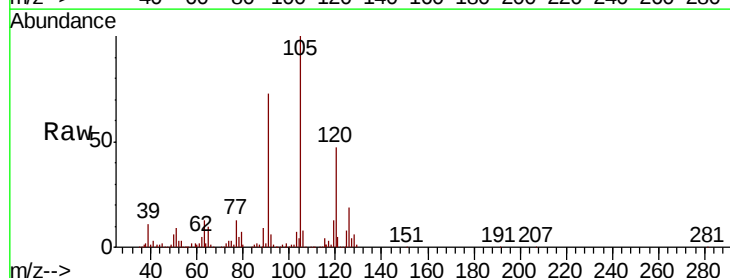
Acq: 10 Jul 2020 13:06

Tgt Ion:105 Resp: 214157

Ion Ratio Lower Upper

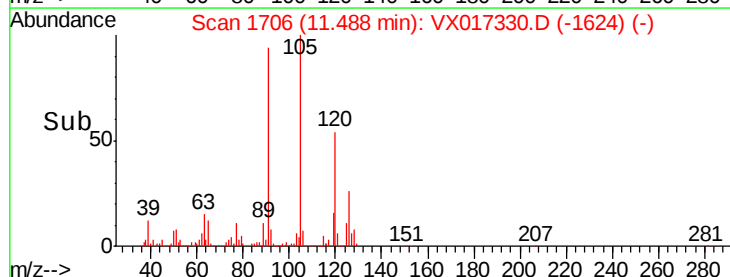
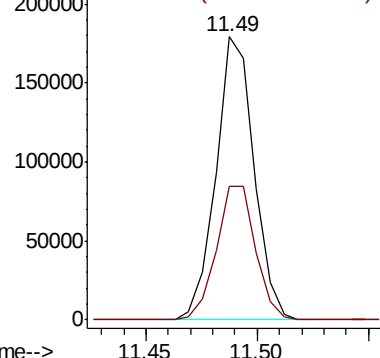
105 100

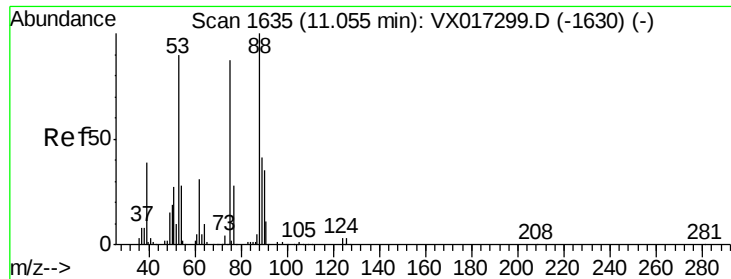
120 48.9 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.568 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017330.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

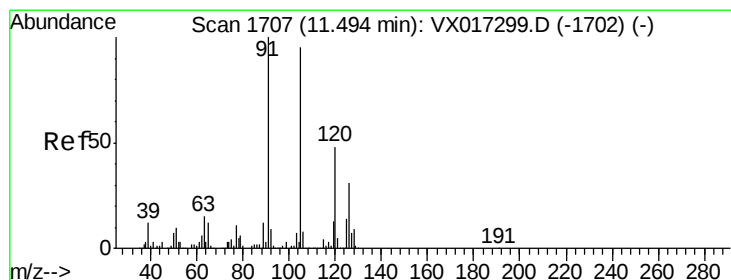
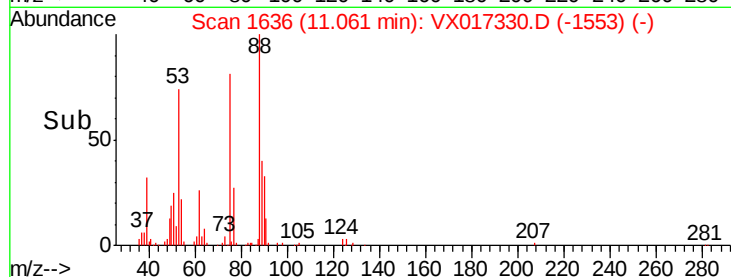
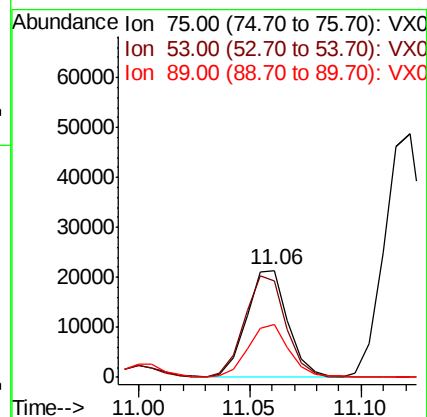
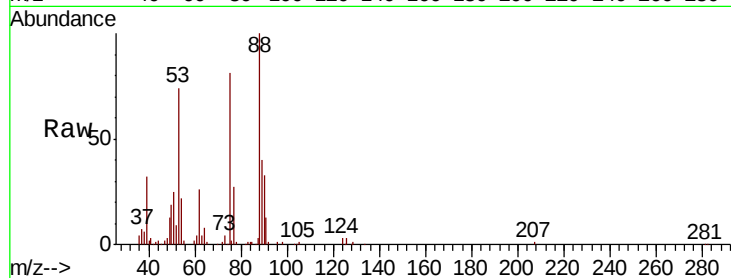
Tot Ion: 75 Resp: 27784

Ion Ratio Lower Upper

75 100

53 90.2 52.1 156.3

89 49.6 23.7 71.1



#78

4-Chlorotoluene

Concen: 18.381 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017330.D

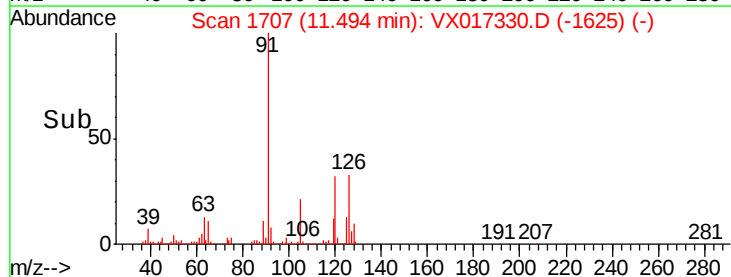
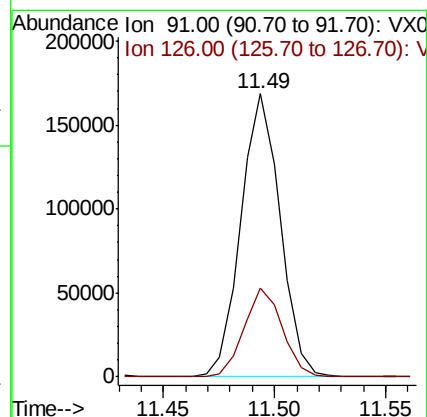
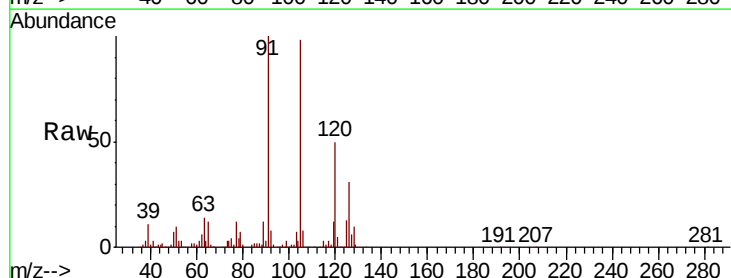
Acq: 10 Jul 2020 13:06

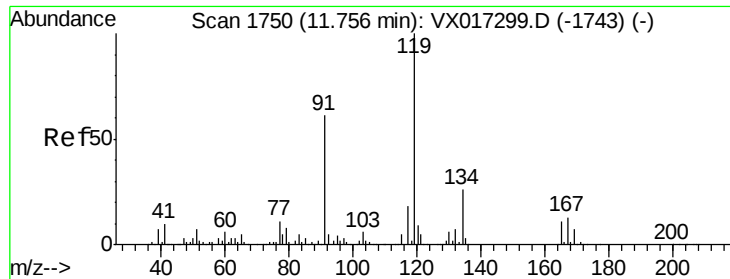
Tgt Ion: 91 Resp: 207178

Ion Ratio Lower Upper

91 100

126 30.6 0.0 61.2

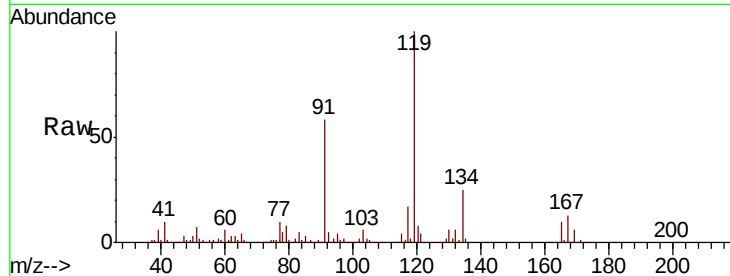




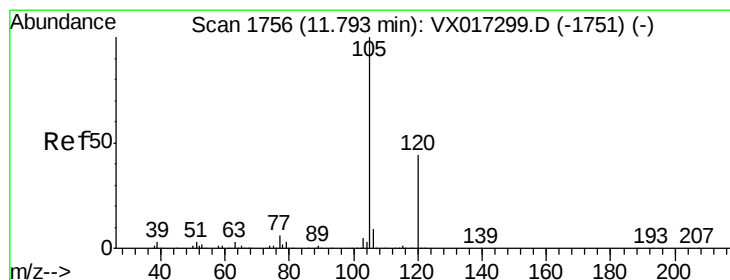
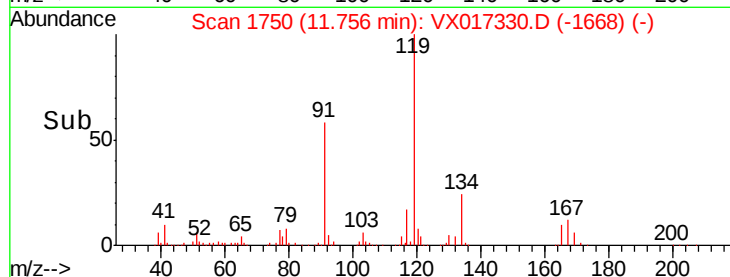
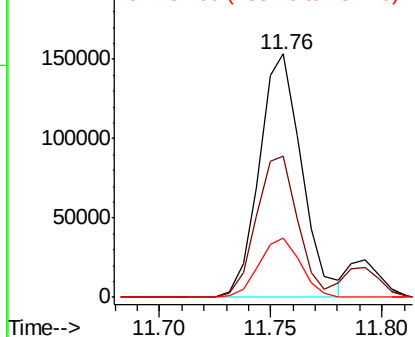
#79
tert-butylbenzene
Concen: 18.155 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.6	0.0	113.6
134	23.8	0.0	48.0

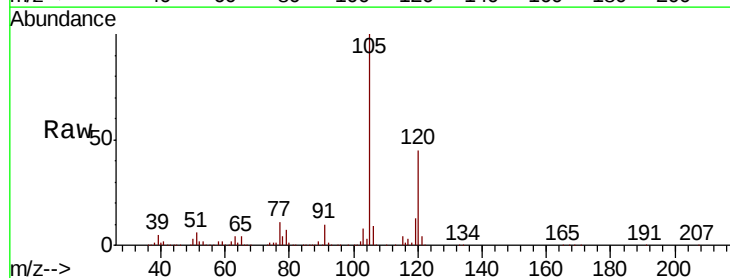


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

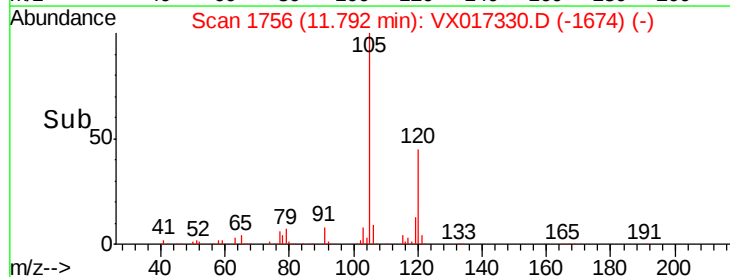
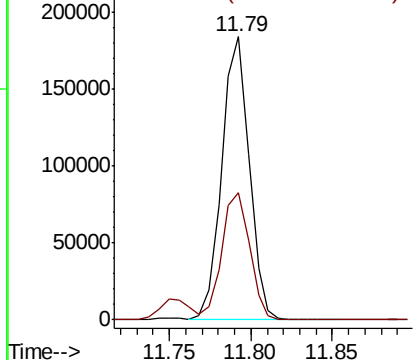


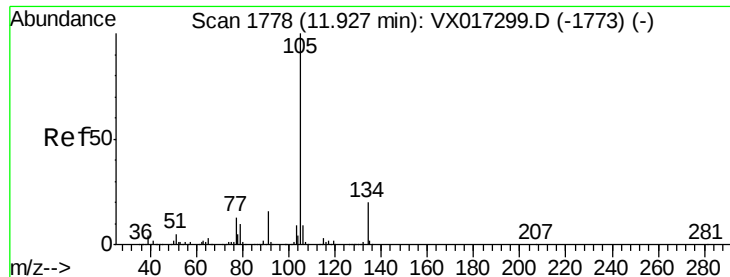
#80
1,2,4-Trimethylbenzene
Concen: 18.492 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	0.0	93.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

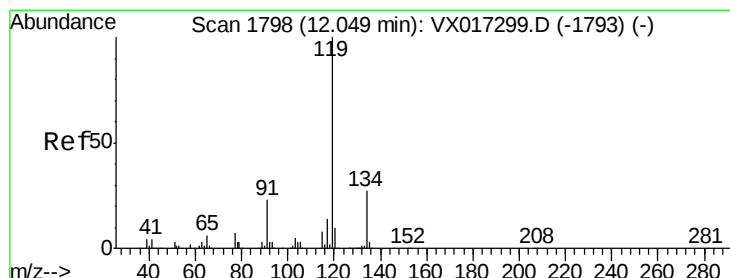
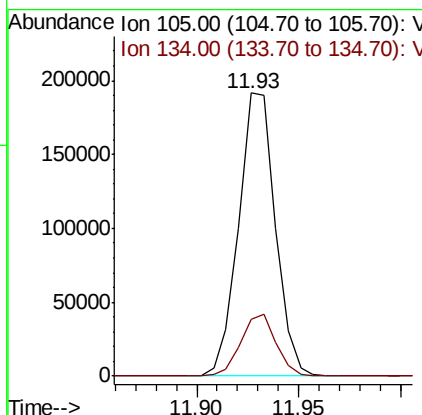
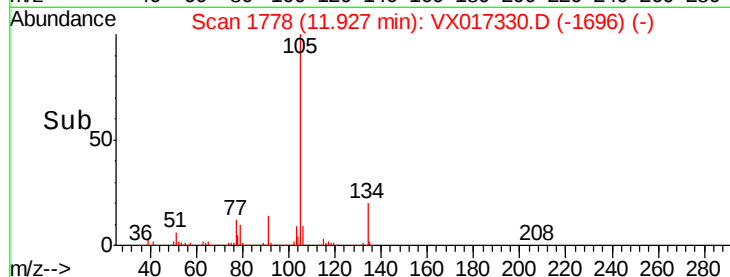
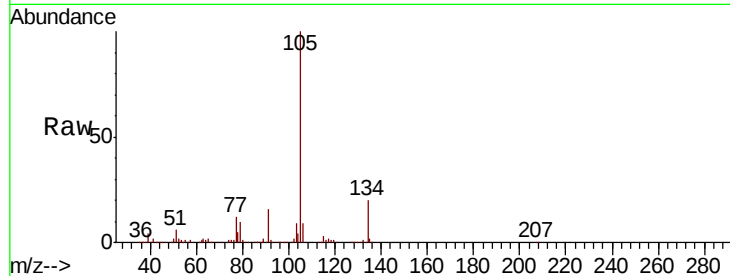




#81
 sec-Butylbenzene
 Concen: 18.610 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

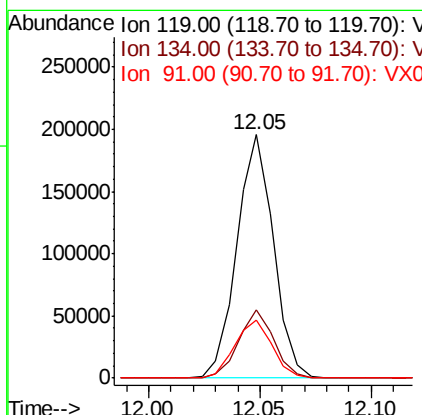
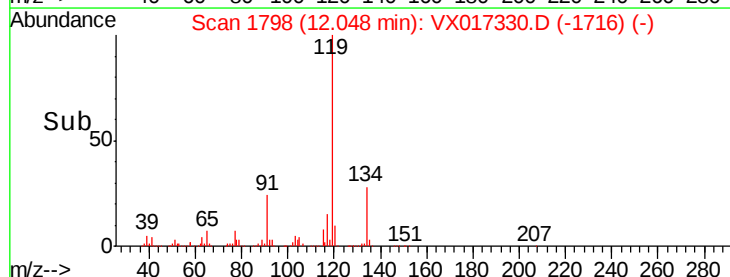
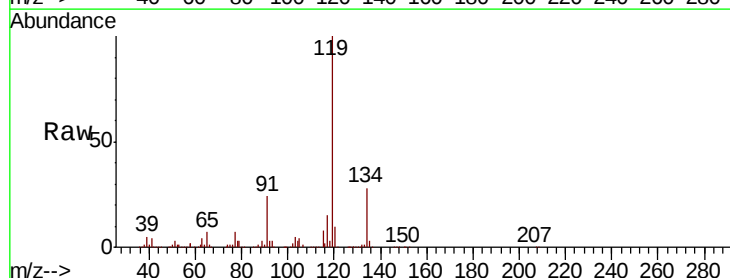
Instrument :
 MSVOA_X
 ClientSampleId :

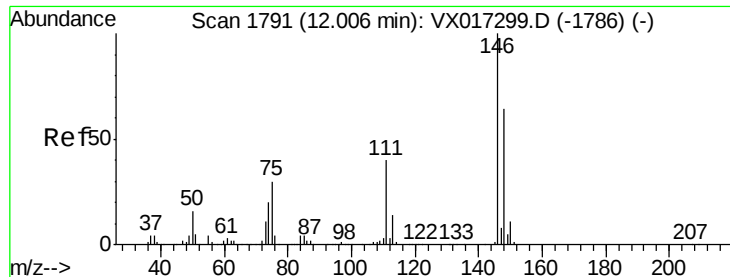
Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	0.0	41.8



#82
 p-Isopropyltoluene
 Concen: 18.343 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	0.0	53.6
91	24.4	0.0	48.0

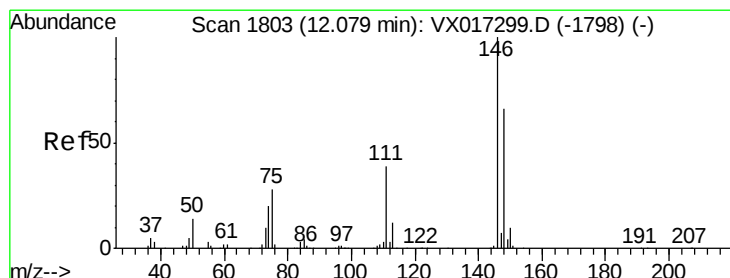
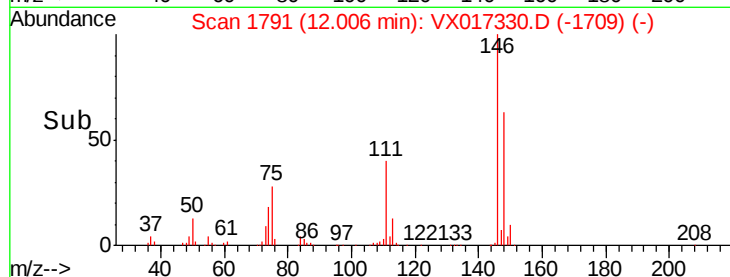
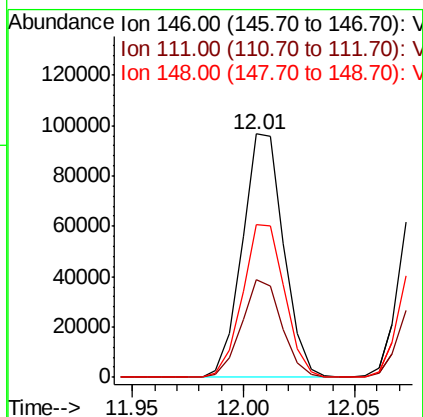
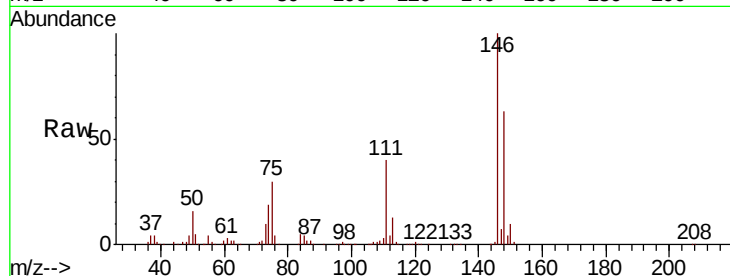




#83
 1,3-Dichlorobenzene
 Concen: 18.445 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

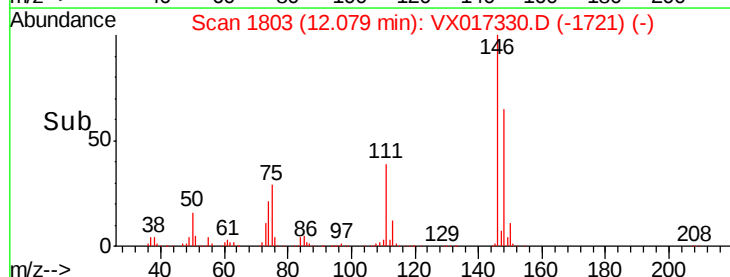
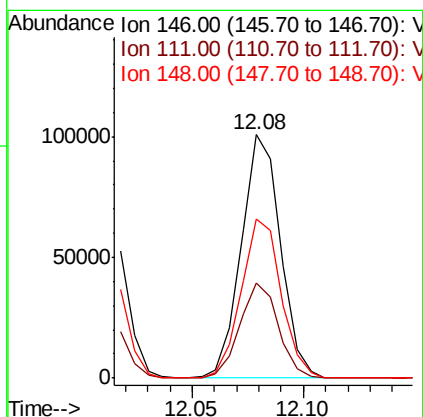
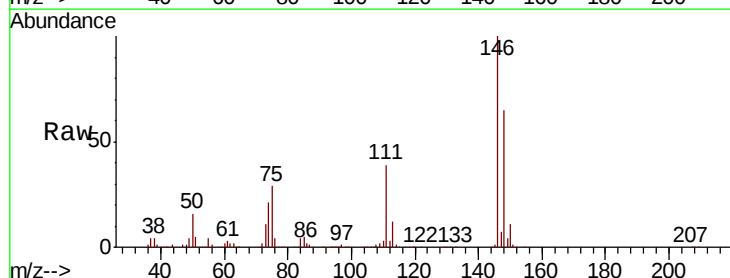
Instrument :
 MSVOA_X
 ClientSampleId :

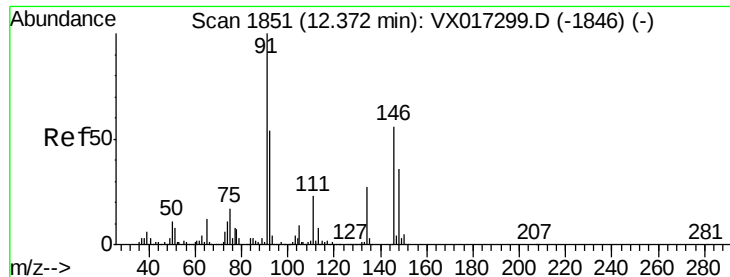
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	63.7	31.8	95.3



#84
 1,4-Dichlorobenzene
 Concen: 18.062 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	66.4	32.6	97.8

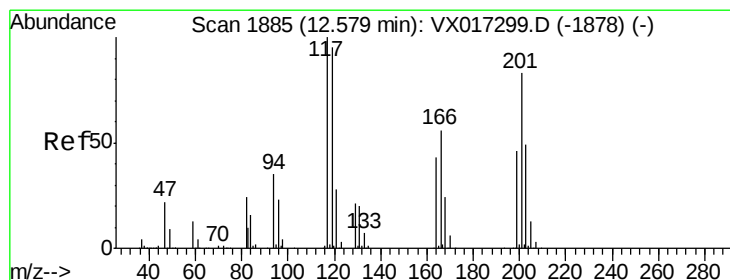
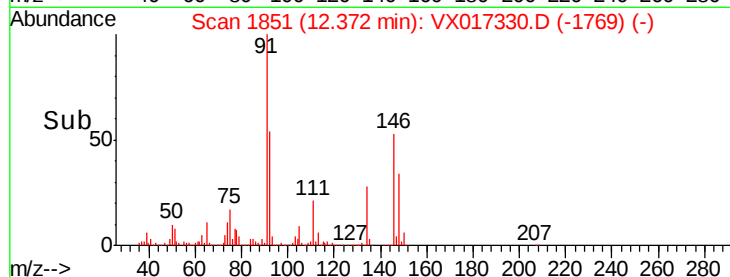
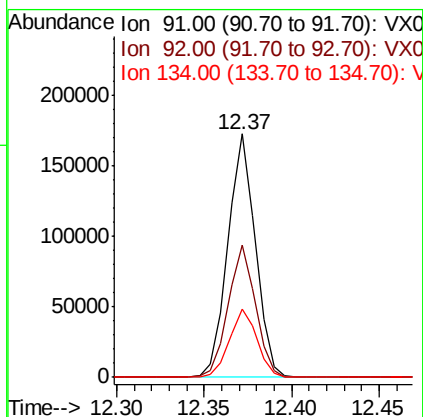
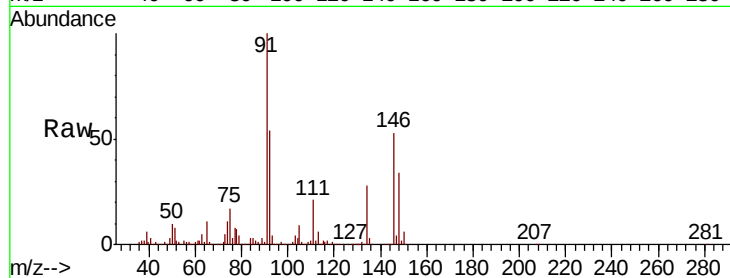




#85
n-Butylbenzene
Concen: 18.430 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

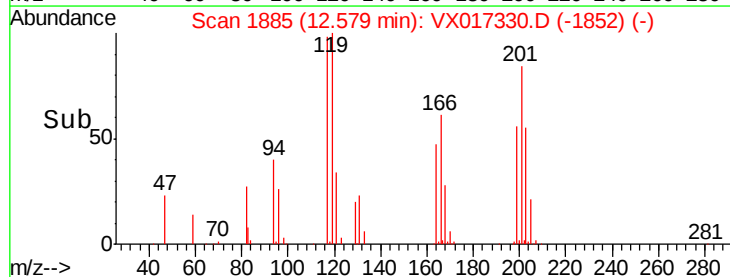
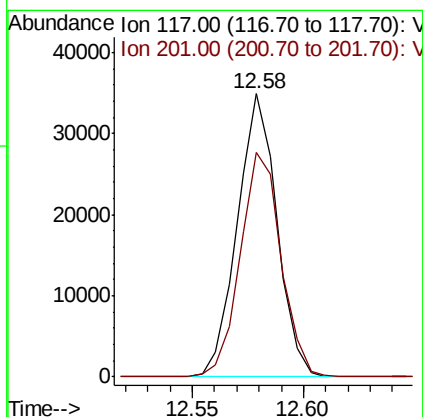
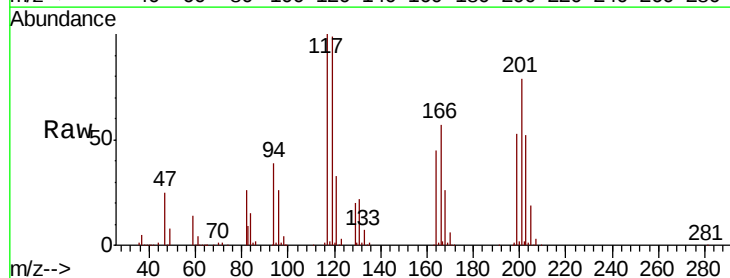
Instrument :
MSVOA_X
ClientSampled :

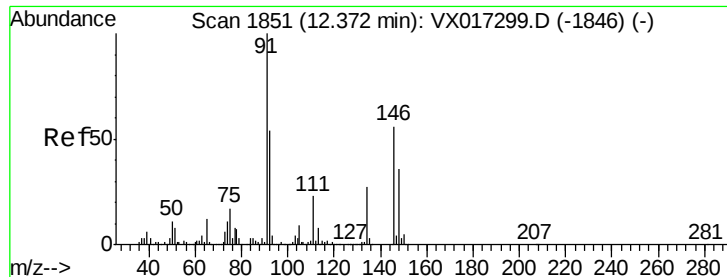
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	0.0	108.2
134	28.0	0.0	54.2



#86
Hexachloroethane
Concen: 18.322 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.5	41.0	123.0

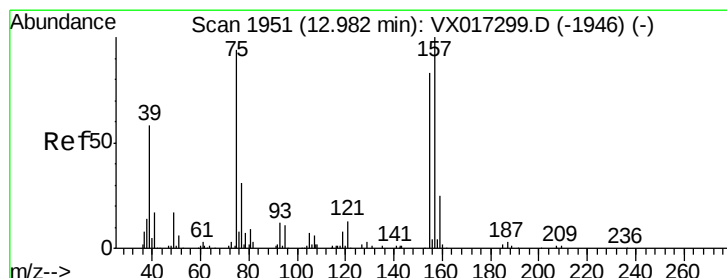
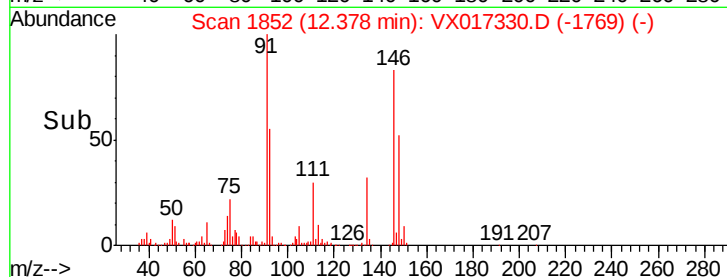
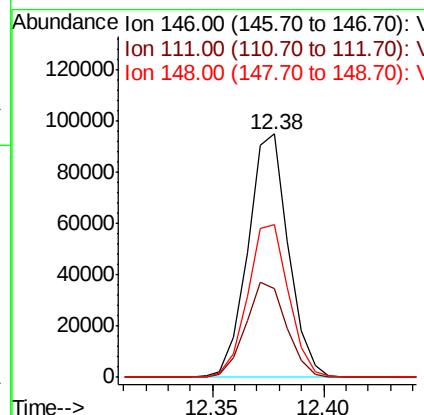
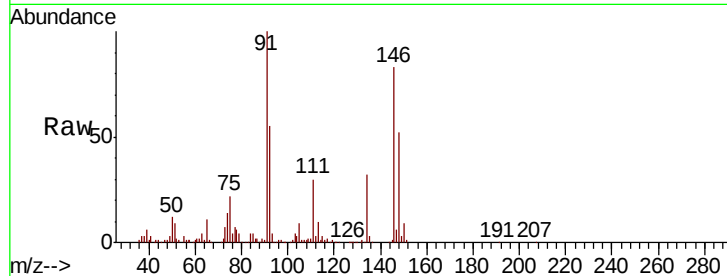




#87
 1,2-Dichlorobenzene
 Concen: 18.525 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

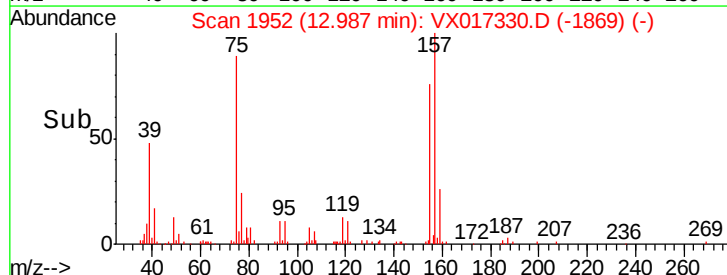
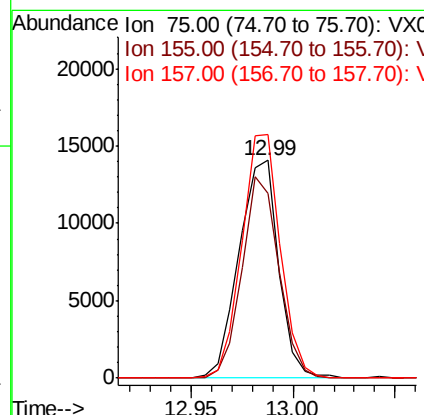
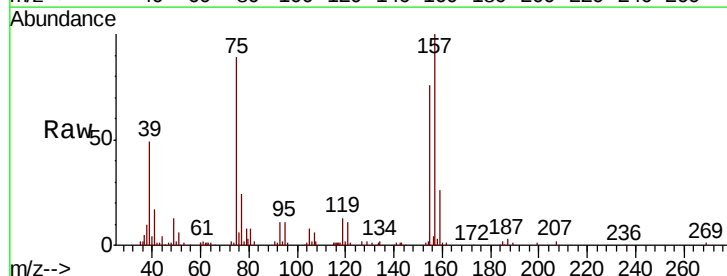
Instrument :
 MSVOA_X
 ClientSampleId :

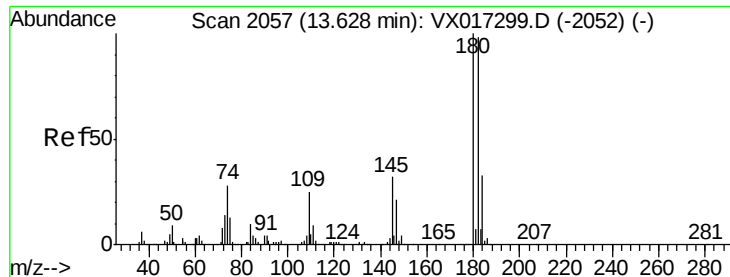
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.6	61.9
148	64.1	31.6	94.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.514 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	73.4	110.0
157	109.0	90.5	135.7

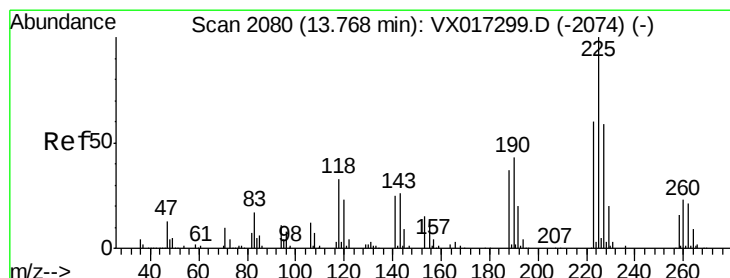
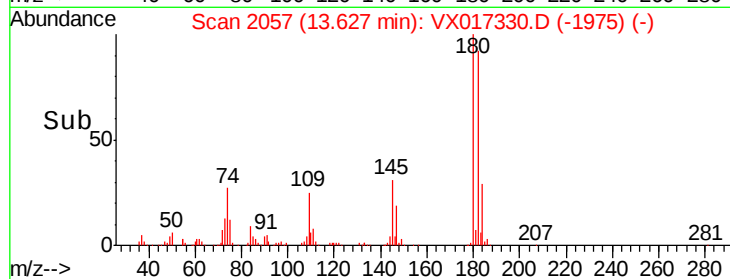
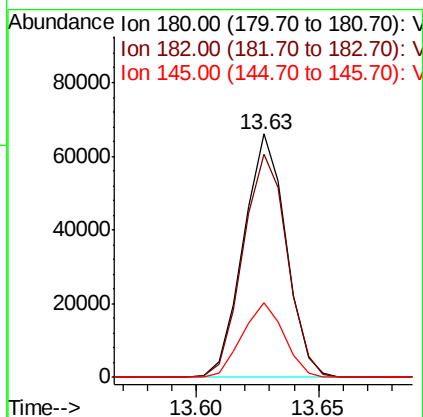
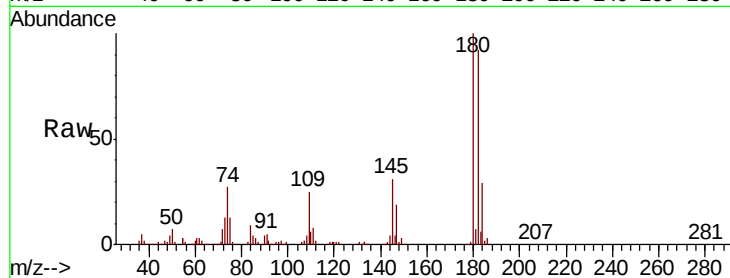




#89
 1,2,4-Trichlorobenzene
 Concen: 18.130 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

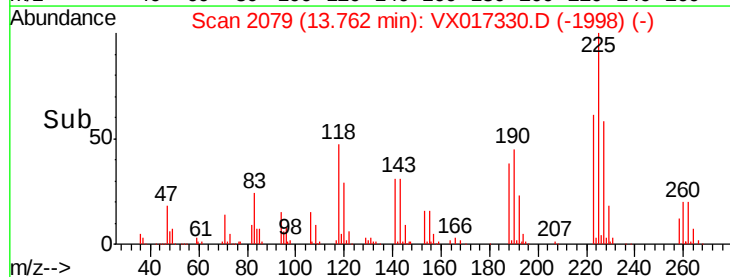
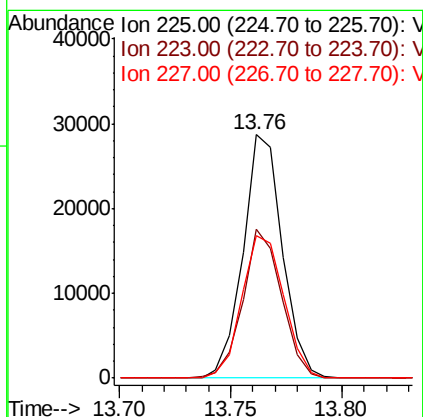
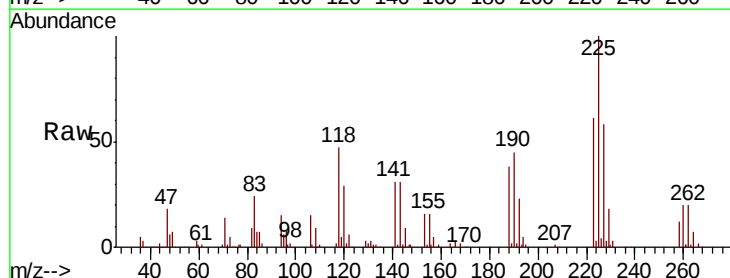
Instrument :
 MSVOA_X
 ClientSampleId :

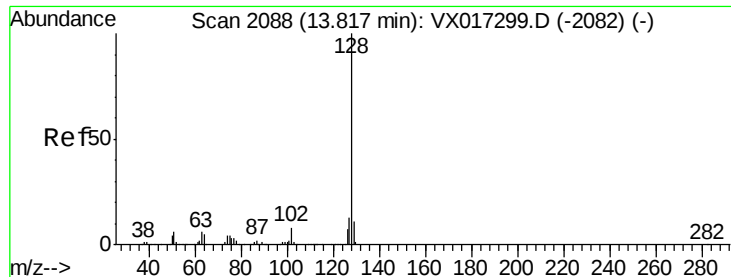
Tot Ion:180 Resp: 80042
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.8 116.8
 145 30.3 25.0 37.4



#90
 Hexachlorobutadiene
 Concen: 20.031 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017330.D
 Acq: 10 Jul 2020 13:06

Tgt Ion:225 Resp: 35474
 Ion Ratio Lower Upper
 225 100
 223 60.0 0.0 129.0
 227 62.6 0.0 124.4

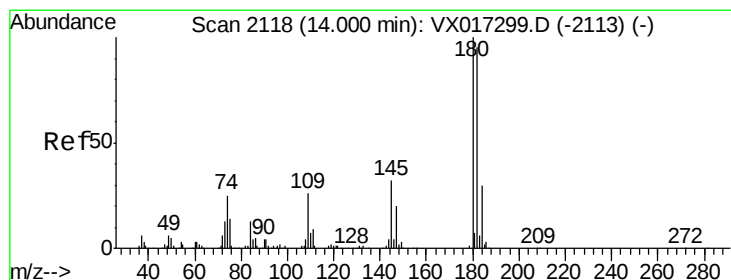
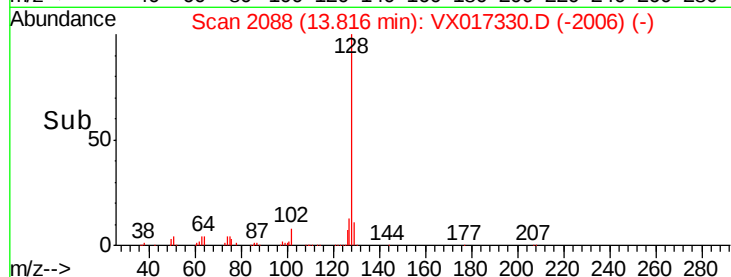
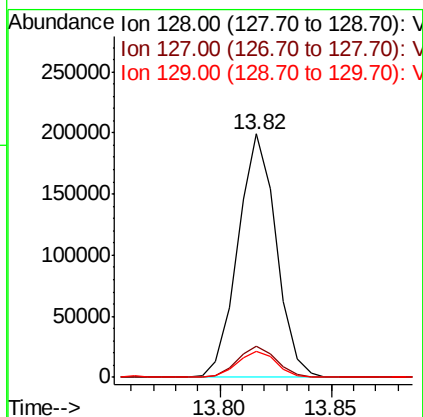
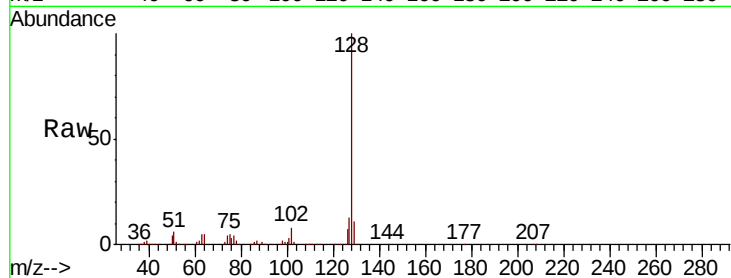




#91
Naphthalene
Concen: 17.633 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 238674
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 17.752 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017330.D
Acq: 10 Jul 2020 13:06

Tgt Ion:180 Resp: 77950
Ion Ratio Lower Upper
180 100
182 95.8 0.0 185.6
145 32.3 0.0 63.0

