

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101520\
 Data File : VX018934.D
 Acq On : 15 Oct 2020 14:02
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 15 14:36:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 14:34:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	54907	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	306587	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	284481	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	106421	25.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	85.30%
60) 4-Bromofluorobenzene	11.12	95	132919	27.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.70%
63) Toluene-d8	8.70	98	361185	29.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.17%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	47110	16.613	ug/l 100
3) Chloromethane	1.31	50	58300	18.832	ug/l 100
4) Vinyl Chloride	1.39	62	66236	20.013	ug/l 100
5) Bromomethane	1.63	94	44022	20.012	ug/l 100
6) Chloroethane	1.71	64	44399	21.705	ug/l 100
7) Trichlorofluoromethane	1.92	101	103334	18.698	ug/l 100
8) Diethyl Ether	2.17	74	40494	22.295	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58278	20.316	ug/l 100
10) 1,1-Dichloroethene	2.36	96	59453	20.917	ug/l 100
11) Methyl Iodide	2.49	142	65825	20.693	ug/l 100
12) Methyl Acetate	2.75	43	57782	16.271	ug/l 100
13) Acrolein	2.27	56	50486	145.961	ug/l 100
14) Acrylonitrile	3.11	53	135815	84.100	ug/l 100
15) Acetone	2.42	58	51323	110.154	ug/l 100
16) Carbon Disulfide	2.55	76	146628	18.343	ug/l 100
17) Allyl chloride	2.70	41	77058	16.045	ug/l 100
18) Methylene Chloride	2.83	84	60500	18.728	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	59697	19.247	ug/l 100
20) Diisopropyl ether	3.82	45	143452	15.327	ug/l 100
21) 1,1-Dichloroethane	3.67	63	98543	17.799	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	67175	19.601	ug/l 100
23) tert-Butyl Alcohol	3.01	59	78601	105.681	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	166977	17.247	ug/l 100
25) Chloroform	5.17	83	104569	17.709	ug/l 100
26) Cyclohexane	5.54	56	79538	17.664	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	80535	17.374	ug/l 100
30) 2-Butanone	4.63	43	199180	80.110	ug/l 100
31) 2,2-Dichloropropane	4.55	77	94995	17.061	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	97112	16.296	ug/l 100
33) Carbon Tetrachloride	5.75	117	88607	16.025	ug/l 100
34) Benzene	6.11	78	237840	17.950	ug/l 100
35) Methacrylonitrile	5.00	41	41536	15.816	ug/l 100
36) 1,2-Dichloroethane	6.16	62	78734	14.858	ug/l 100
37) Trichloroethene	7.18	130	69926	18.089	ug/l 100
38) Methylcyclohexane	7.44	83	91408	18.126	ug/l 100
39) 1,2-Dichloropropane	7.49	63	57832	16.577	ug/l 100
40) Dibromomethane	7.63	93	42871	16.934	ug/l 100

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

41) Bromodichloromethane	7.87	83	87048	16.599	ug/l	100
42) Vinyl Acetate	3.78	43	711369	77.180	ug/l	100
43) Ethyl Acetate	4.79	43	79818	16.119	ug/l	100
44) Isopropyl Acetate	6.41	43	130950	16.234	ug/l	# 100
45) 1,4-Dioxane	7.71	88	29660	415.973	ug/l	100
46) Methyl methacrylate	7.74	41	62101	15.670	ug/l	100
47) n-amyl Acetate	10.88	43	115841	16.260	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	100531	17.570	ug/l	100
49) cis-1,3-Dichloropropene	8.41	75	107448	17.898	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	63603	17.829	ug/l	100
51) Ethyl methacrylate	9.16	69	97897	18.543	ug/l	100
52) 1,3-Dichloropropane	9.35	76	103891	17.562	ug/l	100
53) Dibromochloromethane	9.56	129	76024	17.127	ug/l	100
54) 1,2-Dibromoethane	9.65	107	69501	17.684	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	259676	94.517	ug/l	100
56) Bromoform	10.84	173	56379	16.683	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	394682	82.810	ug/l	100
59) 2-Hexanone	9.47	43	307822	84.659	ug/l	100
61) Tetrachloroethene	9.32	164	61977	17.702	ug/l	100
62) Toluene	8.76	91	268969	18.742	ug/l	100
64) Chlorobenzene	10.12	112	175821	19.029	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	67536	18.157	ug/l	100
66) Ethyl Benzene	10.23	91	306959	19.183	ug/l	100
67) m/p-Xylenes	10.34	106	237743	38.819	ug/l	100
68) o-Xylene	10.68	106	112738	19.357	ug/l	100
69) Styrene	10.70	104	192573	19.092	ug/l	100
70) Isopropylbenzene	11.00	105	302888	18.906	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	90512	17.616	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	111714	22.686	ug/l	86
73) Bromobenzene	11.24	156	77698	17.941	ug/l	100
74) n-propylbenzene	11.34	91	345383	18.414	ug/l	100
75) 2-Chlorotoluene	11.40	91	199160	17.702	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	252368	18.208	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	37549	19.024	ug/l	100
78) 4-Chlorotoluene	11.49	91	232528	17.371	ug/l	100
79) tert-butylbenzene	11.76	119	255047	18.934	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	249888	18.261	ug/l	100
81) sec-Butylbenzene	11.93	105	291218	18.542	ug/l	100
82) p-Isopropyltoluene	12.05	119	272542	18.597	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	133932	17.428	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	134994	17.562	ug/l	100
85) n-Butylbenzene	12.37	91	238559	18.445	ug/l	100
86) Hexachloroethane	12.58	117	45913	16.330	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	130082	17.932	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21644	16.455	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	91379	18.347	ug/l	100
90) Hexachlorobutadiene	13.77	225	38554	18.531	ug/l	100
91) Naphthalene	13.82	128	304636	19.358	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	90417	18.367	ug/l	100

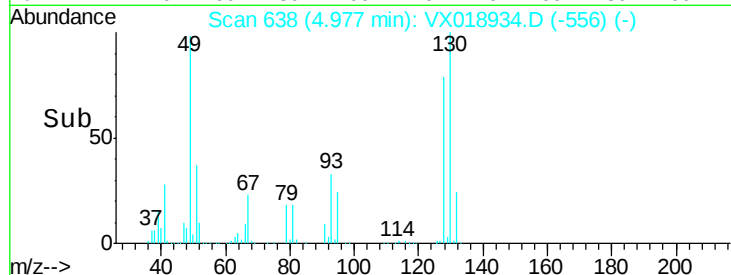
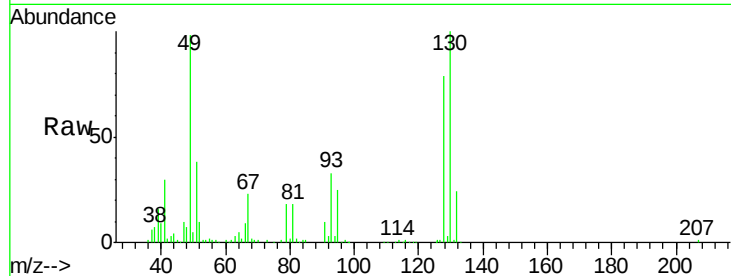
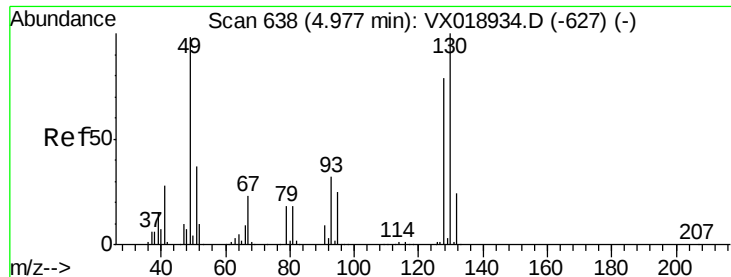
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:128 Resp: 54907

Ion Ratio Lower Upper

128 100

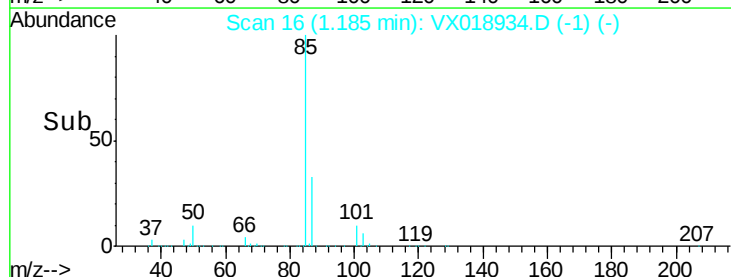
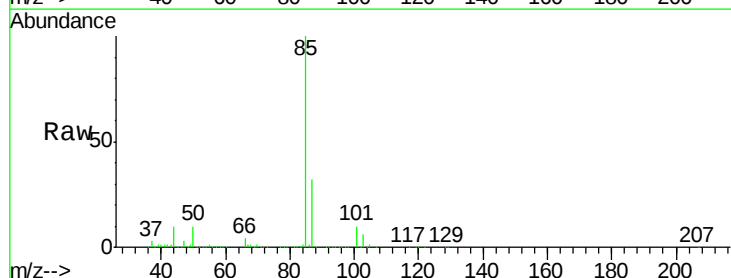
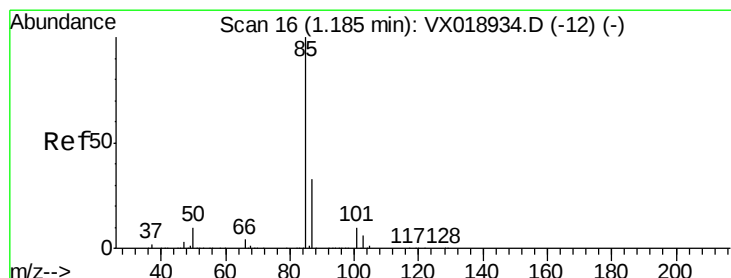
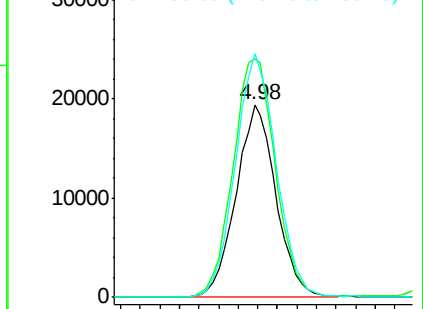
49 132.2 0.0 330.5

130 129.5 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: 16.613 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion: 85 Resp: 47110

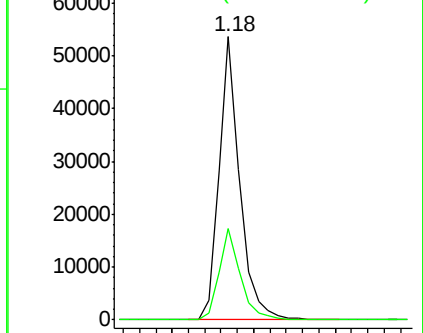
Ion Ratio Lower Upper

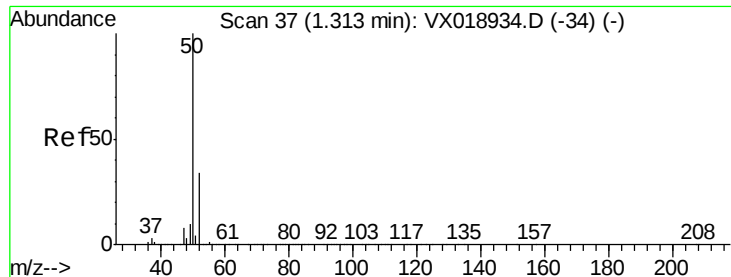
85 100

87 32.5 16.3 48.8

Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.832 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

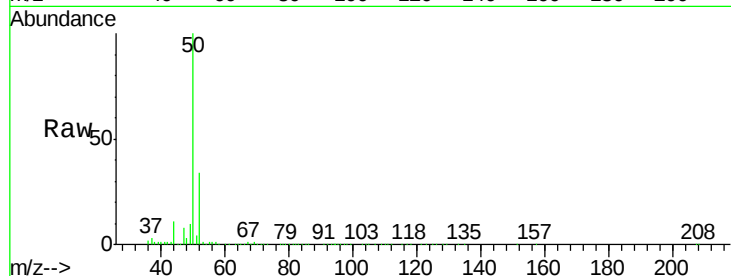
VSTDICCC020

Tgt Ion: 50 Resp: 58300

Ion Ratio Lower Upper

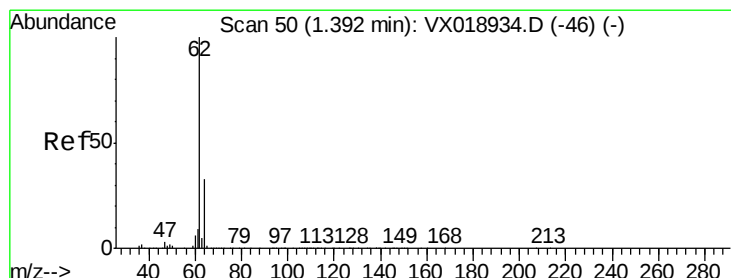
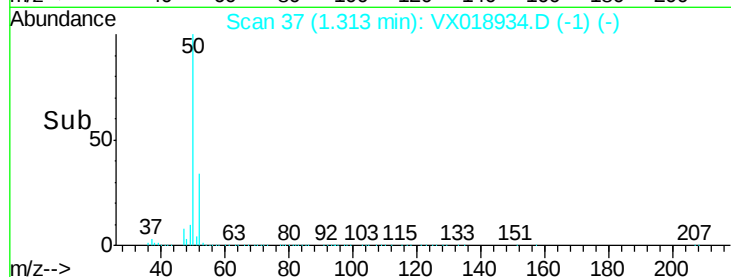
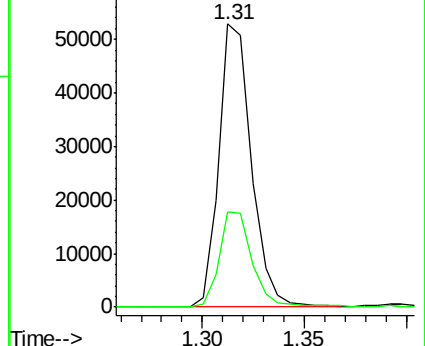
50 100

52 33.7 27.0 40.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 20.013 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018934.D

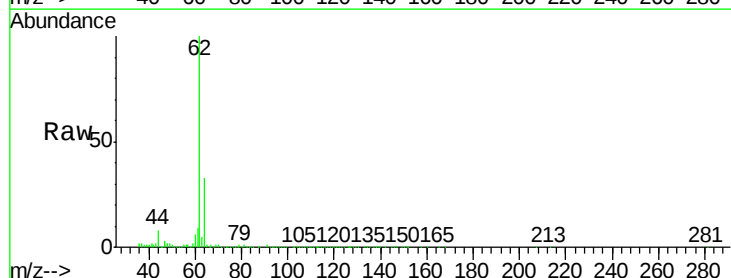
Acq: 15 Oct 2020 14:02

Tgt Ion: 62 Resp: 66236

Ion Ratio Lower Upper

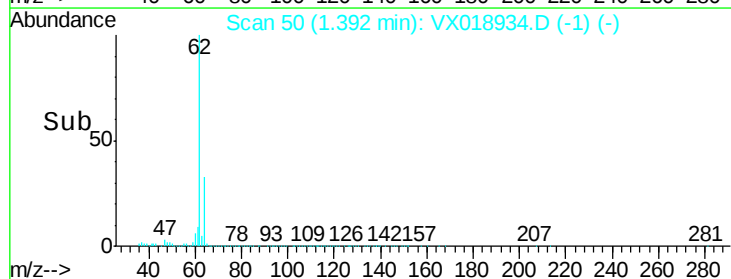
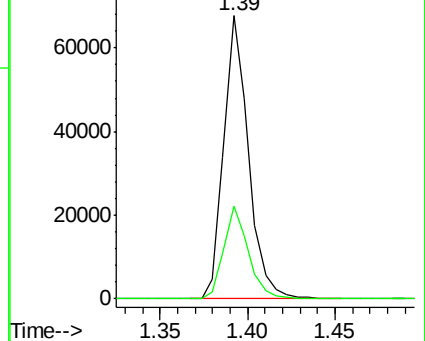
62 100

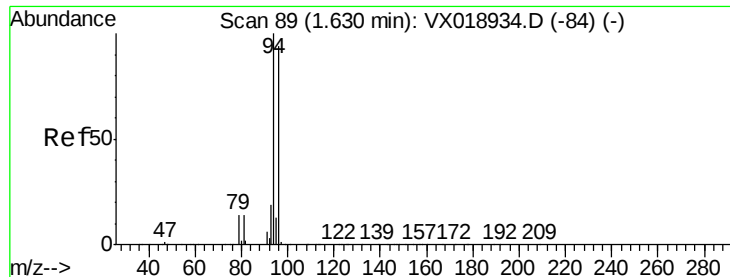
64 32.6 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.012 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

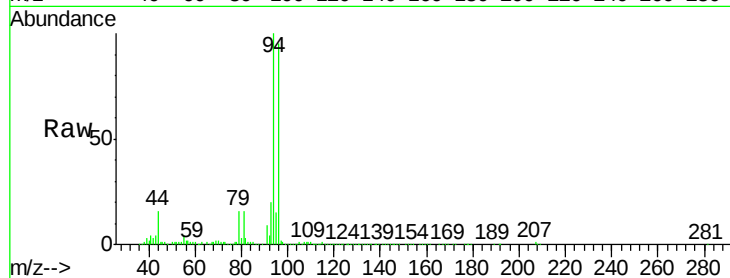
VSTDICCC020

Tgt Ion: 94 Resp: 44022

Ion Ratio Lower Upper

94 100

96 94.9 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

40000

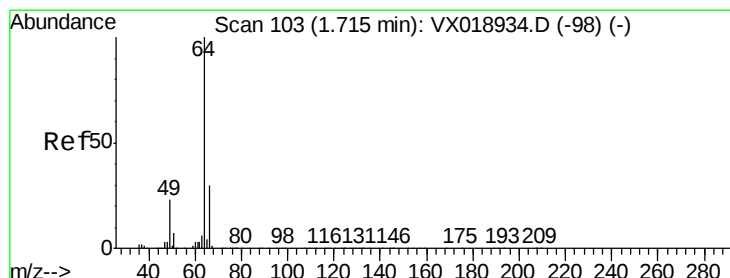
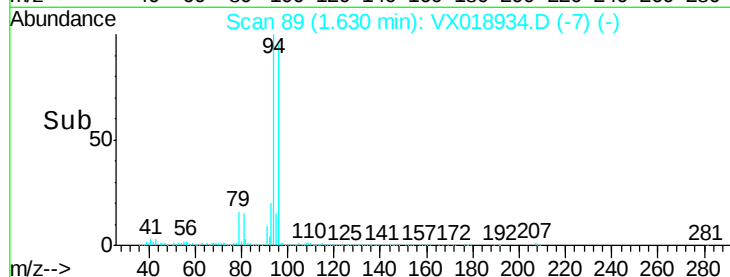
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 21.705 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018934.D

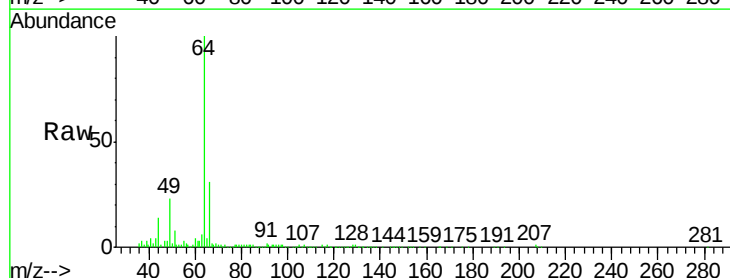
Acq: 15 Oct 2020 14:02

Tgt Ion: 64 Resp: 44399

Ion Ratio Lower Upper

64 100

66 30.6 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.71

40000

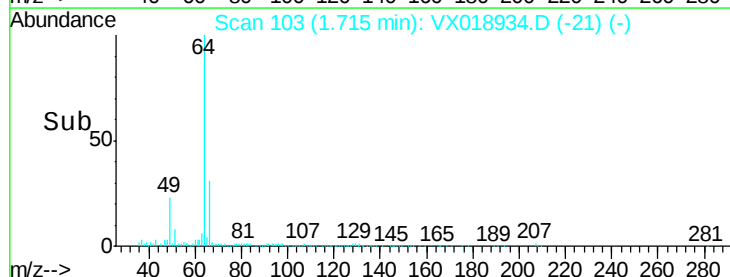
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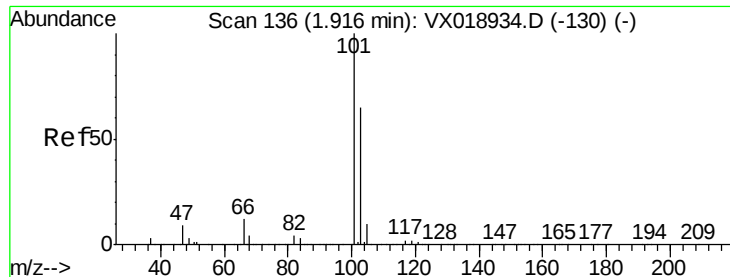
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



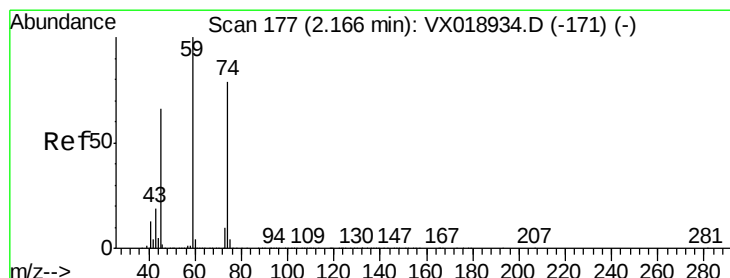
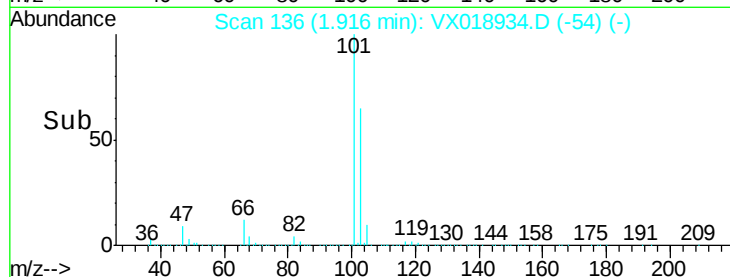
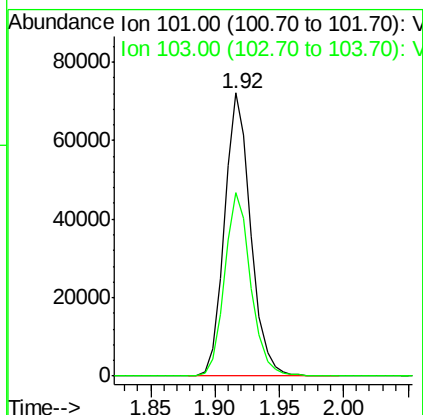
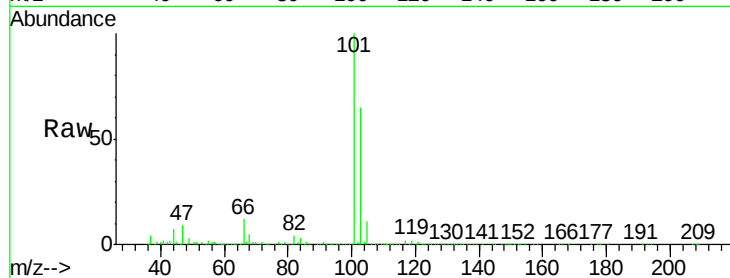


#7

Trichlorofluoromethane
Concen: 18.698 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018934.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

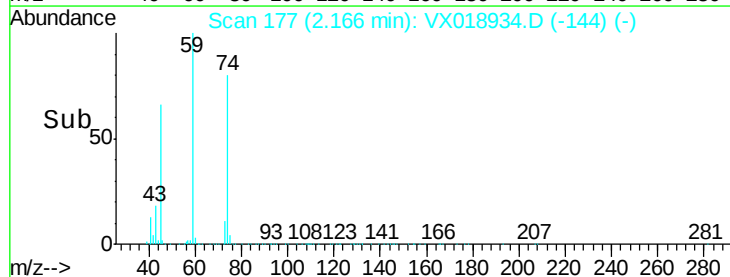
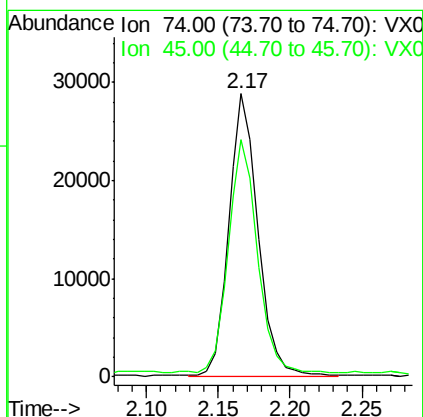
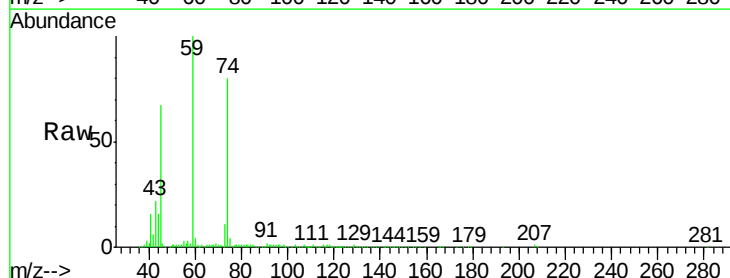
Tgt Ion:101 Resp: 103334
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

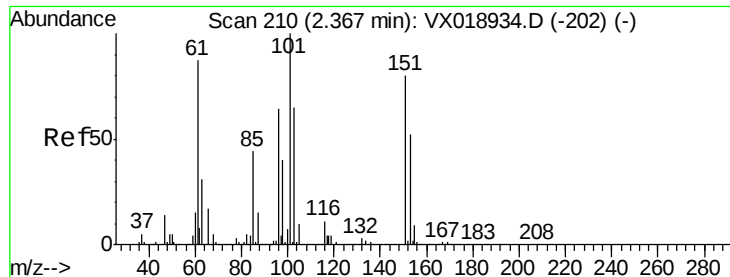


#8

Diethyl Ether
Concen: 22.295 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion: 74 Resp: 40494
Ion Ratio Lower Upper
74 100
45 83.1 16.6 149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.316 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

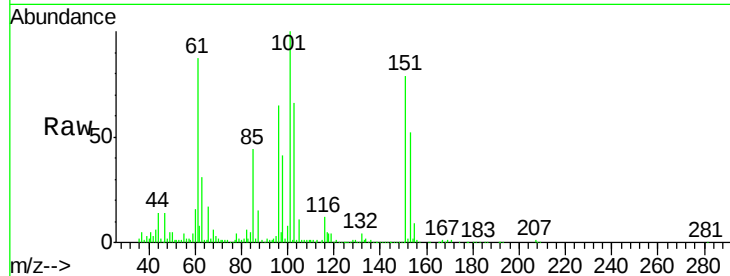
Tgt Ion:101 Resp: 58278

Ion Ratio Lower Upper

101 100

85 42.7 0.0 85.4

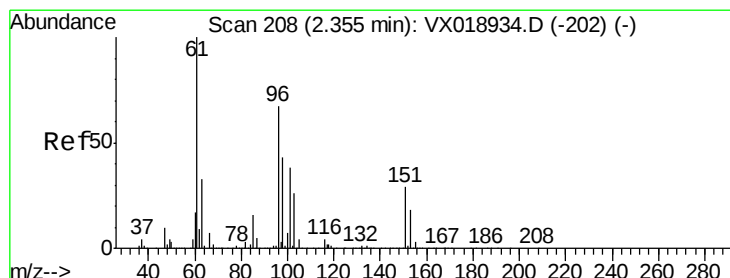
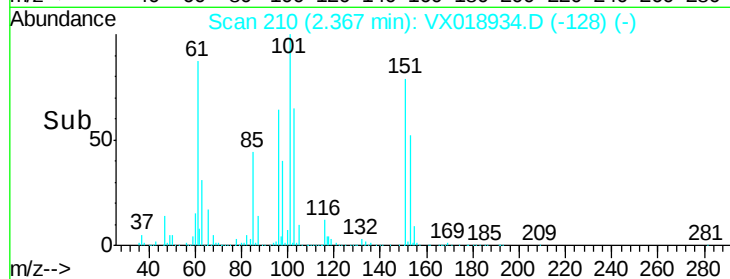
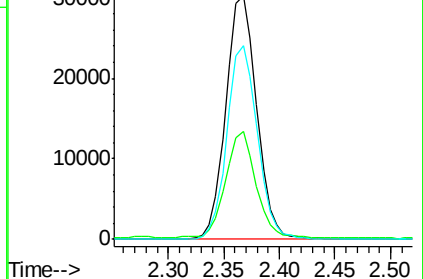
151 78.8 0.0 157.6



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: 20.917 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

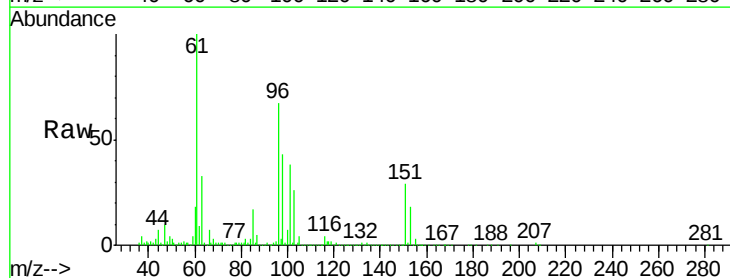
Tgt Ion: 96 Resp: 59453

Ion Ratio Lower Upper

96 100

61 150.3 120.2 180.4

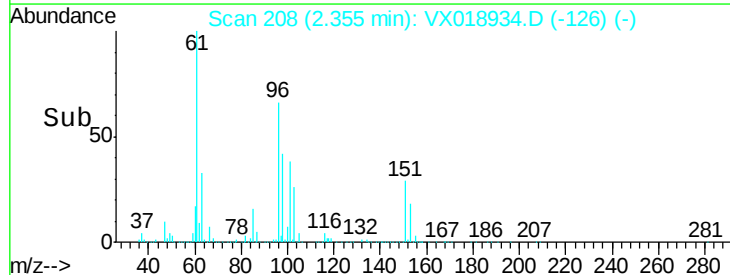
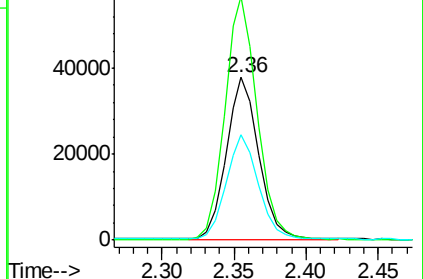
98 64.2 51.4 77.0

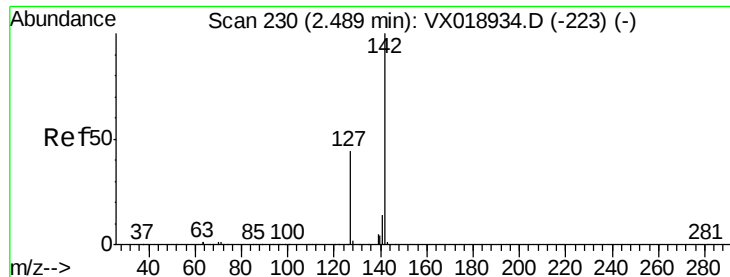


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

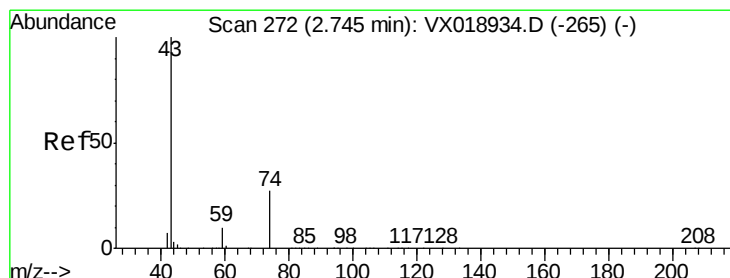
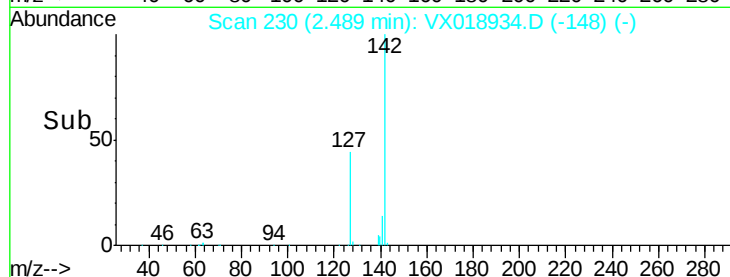
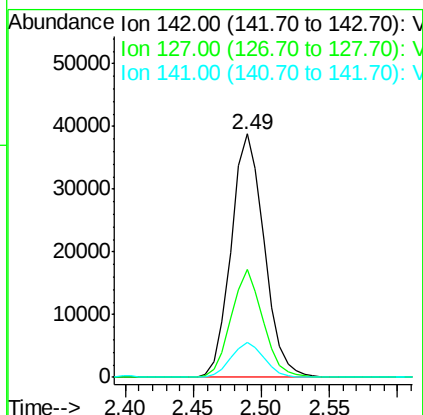
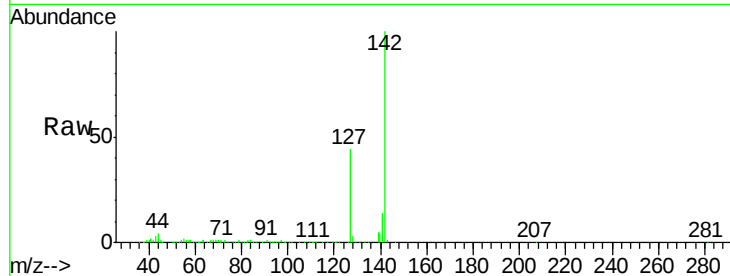




#11
Methyl Iodide
Concen: 20.693 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

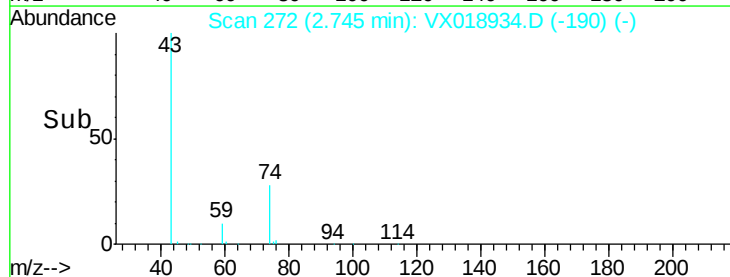
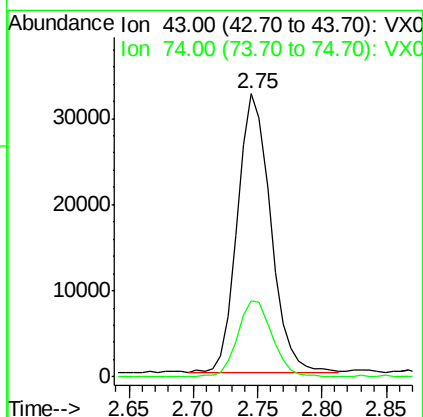
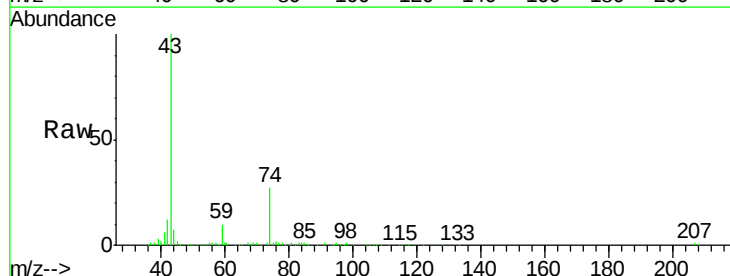
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

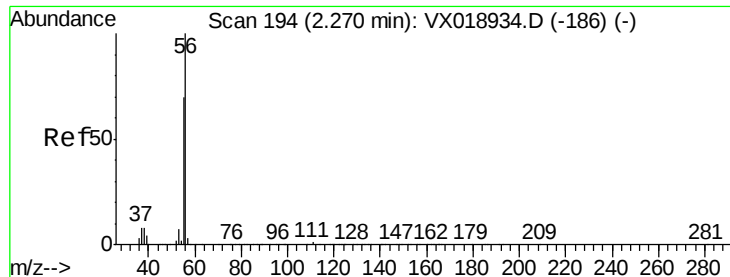
Tgt Ion:142 Resp: 65825
Ion Ratio Lower Upper
142 100
127 44.1 22.1 66.1
141 14.1 7.0 21.1



#12
Methyl Acetate
Concen: 16.271 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion: 43 Resp: 57782
Ion Ratio Lower Upper
43 100
74 27.2 21.6 32.4





#13

Acrolein

Concen: 145.961 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

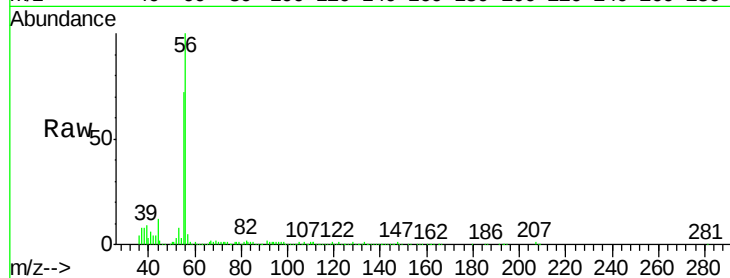
VSTDICCC020

Tgt Ion: 56 Resp: 50486

Ion Ratio Lower Upper

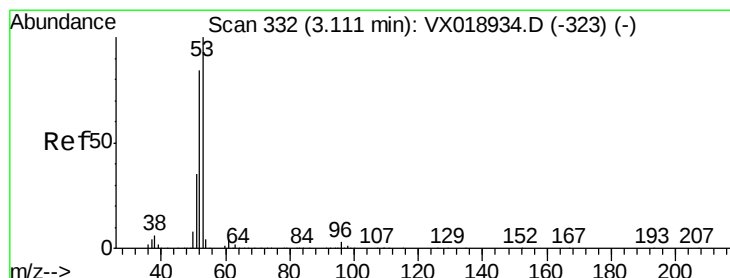
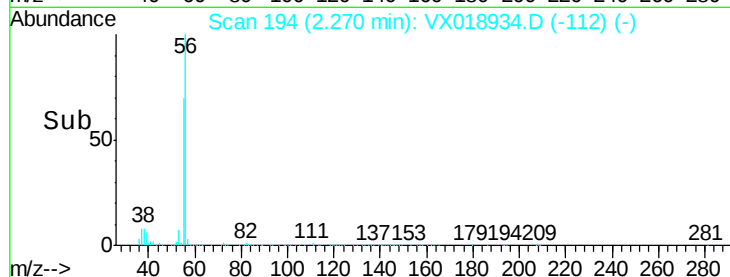
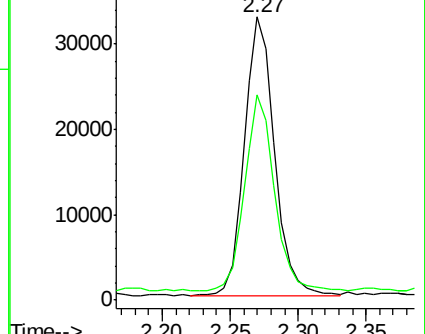
56 100

55 71.4 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 84.100 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

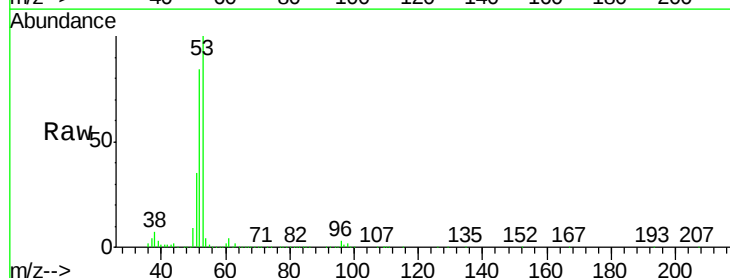
Tgt Ion: 53 Resp: 135815

Ion Ratio Lower Upper

53 100

52 80.6 40.3 120.8

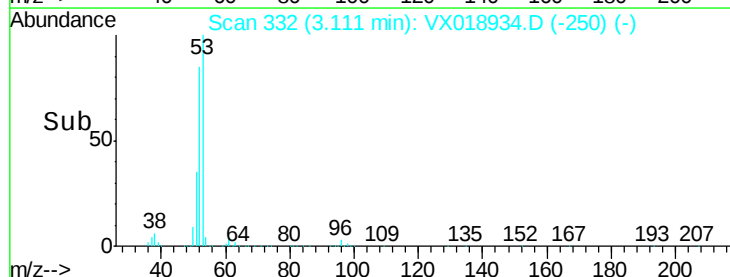
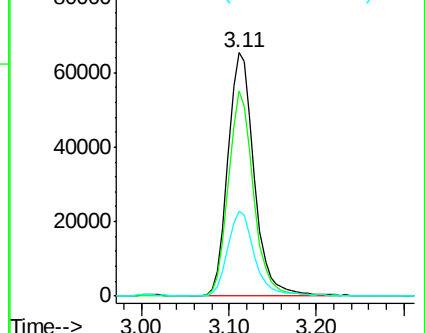
51 35.2 17.6 52.8

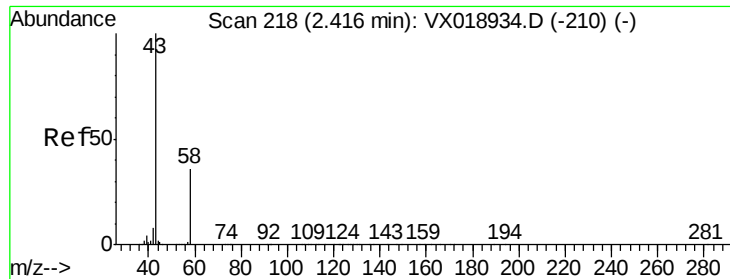


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 110.154 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

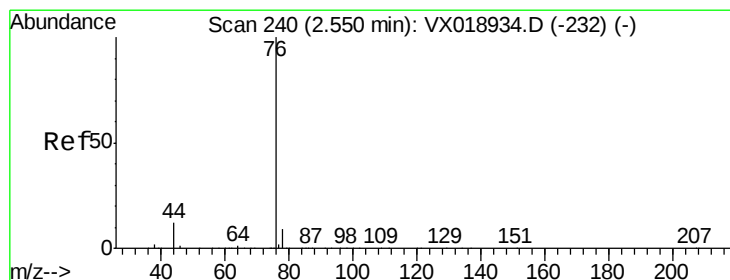
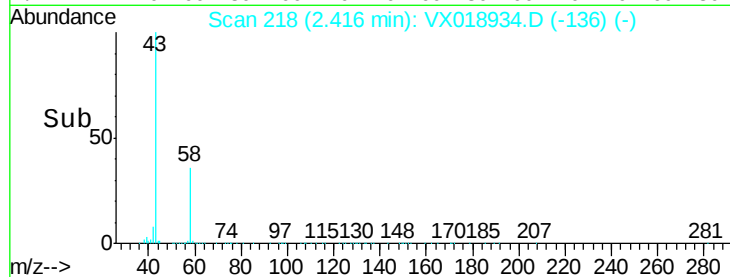
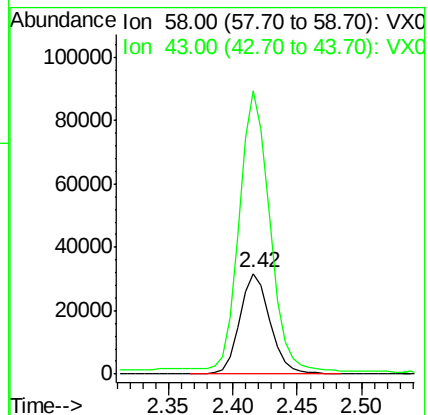
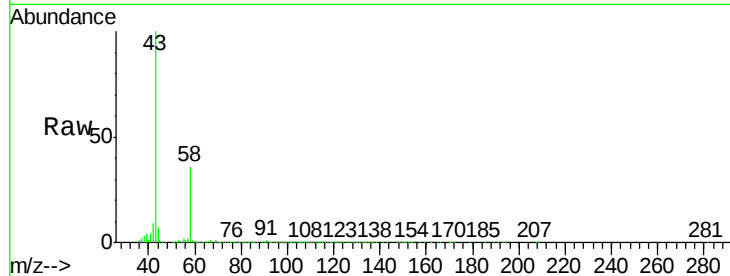
VSTDICCC020

Tgt Ion: 58 Resp: 51323

Ion Ratio Lower Upper

58 100

43 279.8 223.8 335.8



#16

Carbon Disulfide

Concen: 18.343 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018934.D

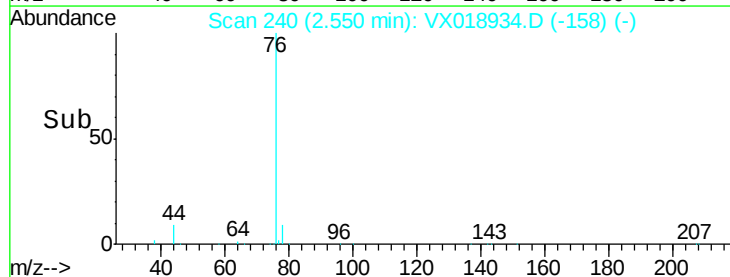
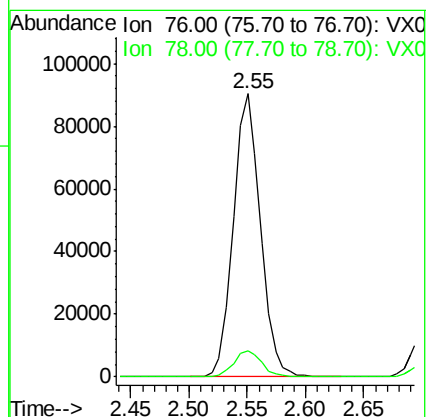
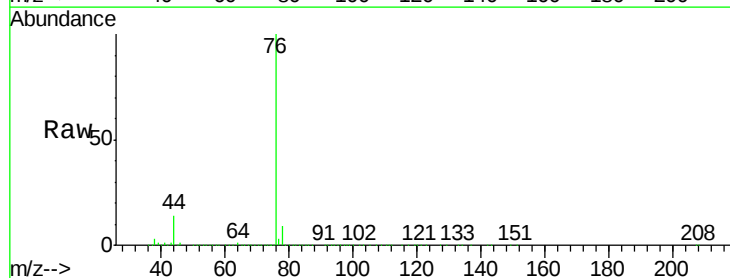
Acq: 15 Oct 2020 14:02

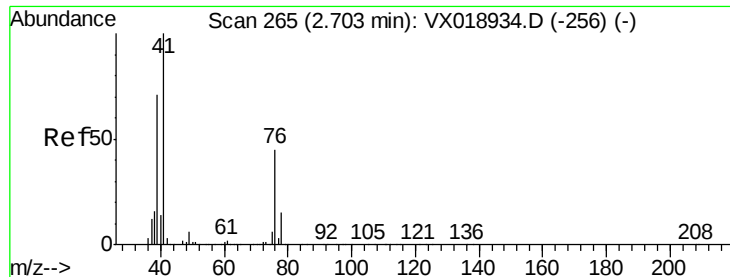
Tgt Ion: 76 Resp: 146628

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#17

Allyl chloride

Concen: 16.045 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

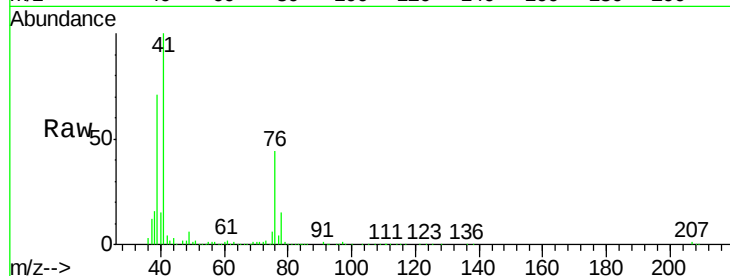
Tgt Ion: 41 Resp: 77058

Ion Ratio Lower Upper

41 100

39 70.9 35.4 106.3

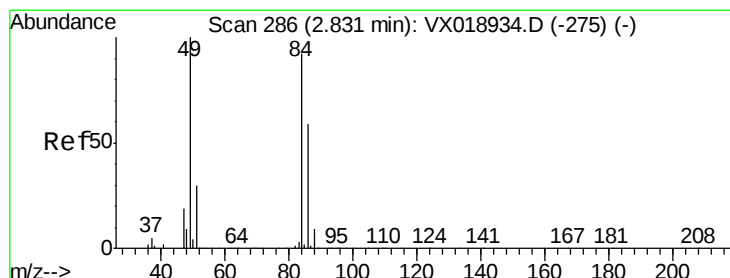
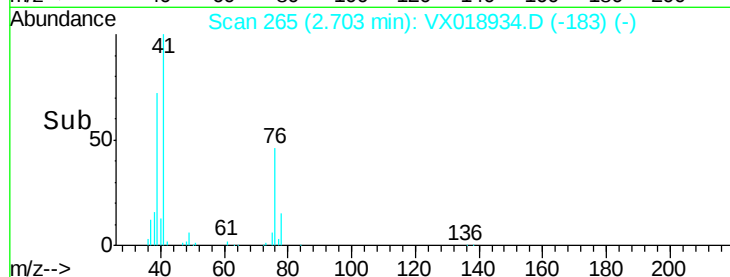
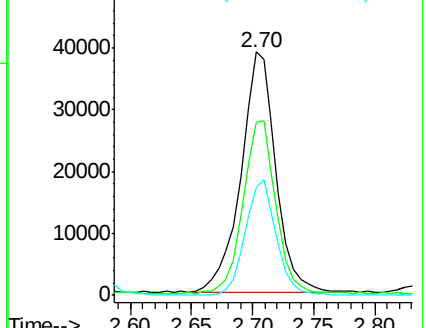
76 44.8 22.4 67.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 18.728 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion: 84 Resp: 60500

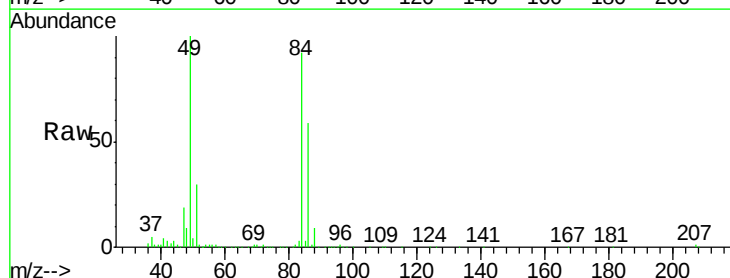
Ion Ratio Lower Upper

84 100

49 109.0 87.2 130.8

51 32.4 25.9 38.9

86 64.1 51.3 76.9

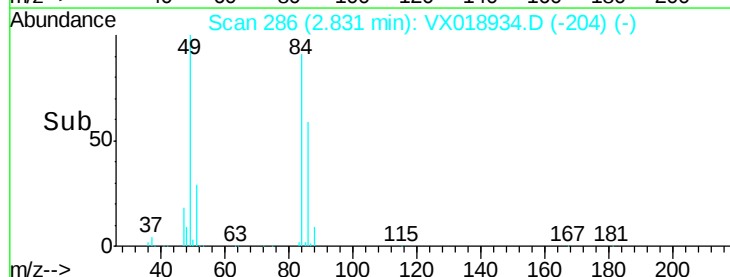
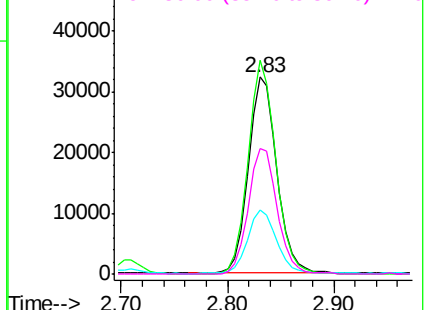


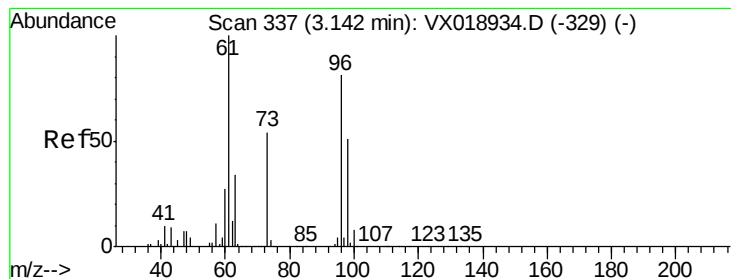
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 19.247 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

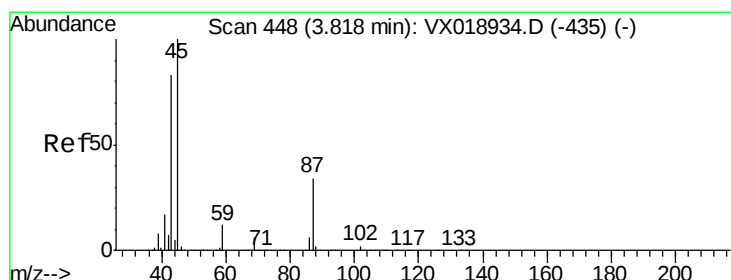
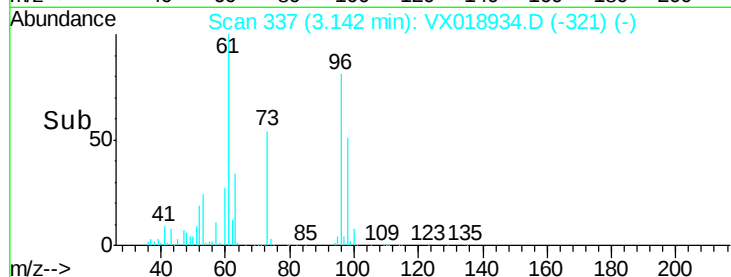
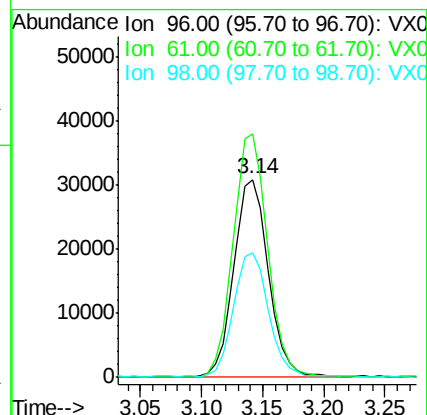
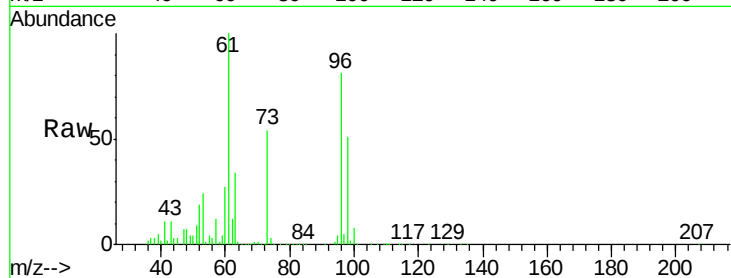
Tgt Ion: 96 Resp: 59697

Ion Ratio Lower Upper

96 100

61 123.2 98.6 147.8

98 62.9 50.3 75.5



#20

Diisopropyl ether

Concen: 15.327 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion: 45 Resp: 143452

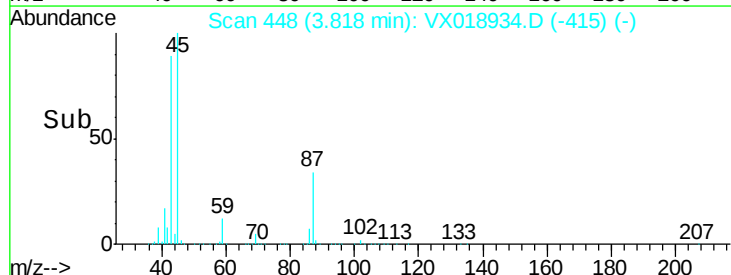
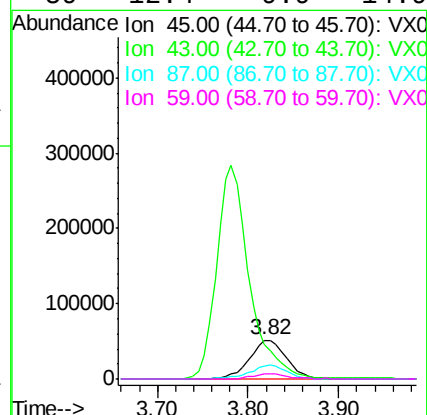
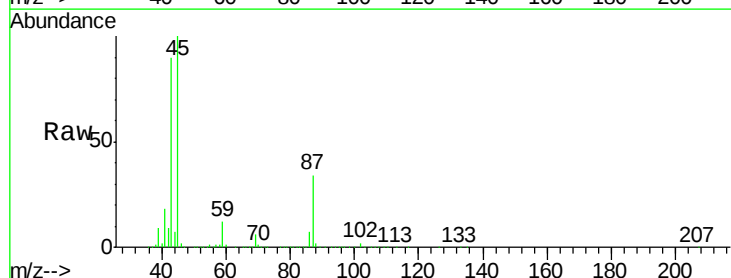
Ion Ratio Lower Upper

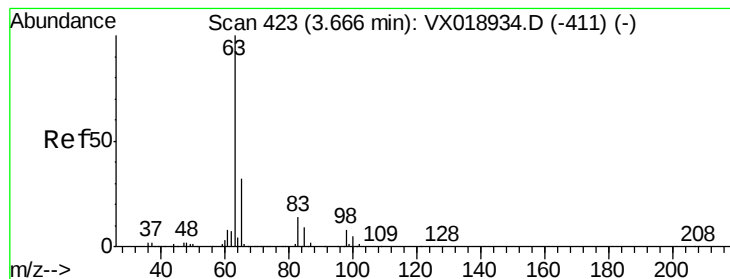
45 100

43 87.1 69.7 104.5

87 33.6 26.9 40.3

59 12.4 9.9 14.9





#21

1,1-Dichloroethane

Concen: 17.799 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

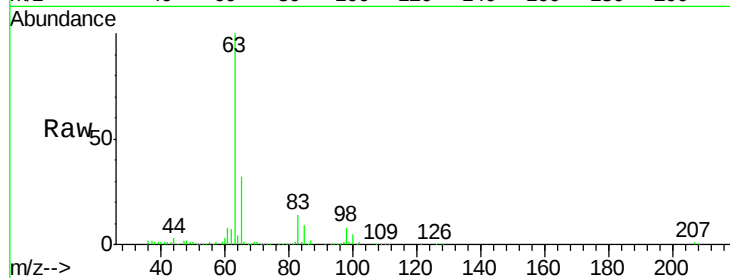
Tgt Ion: 63 Resp: 98543

Ion Ratio Lower Upper

63 100

98 7.9 4.0 11.9

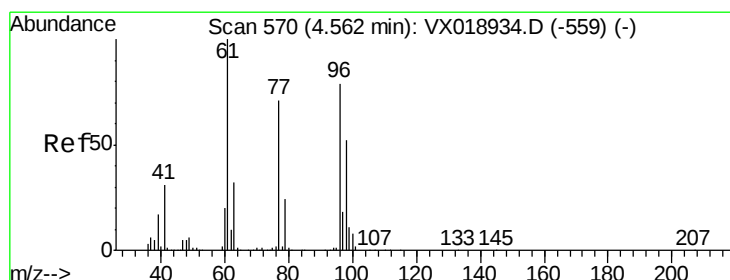
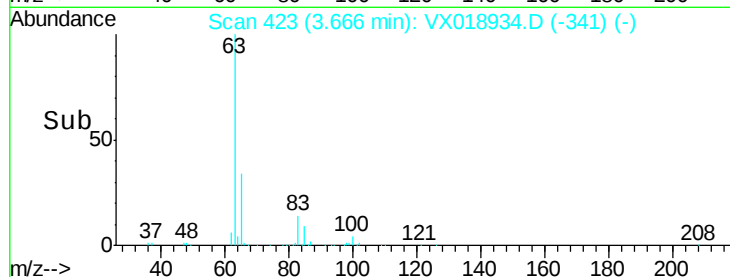
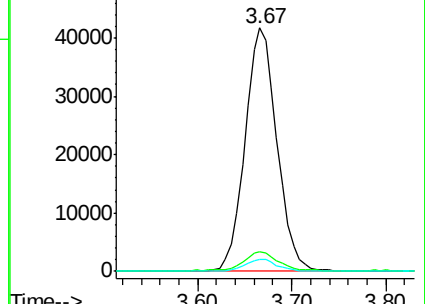
100 5.1 2.5 7.6



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: 19.601 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

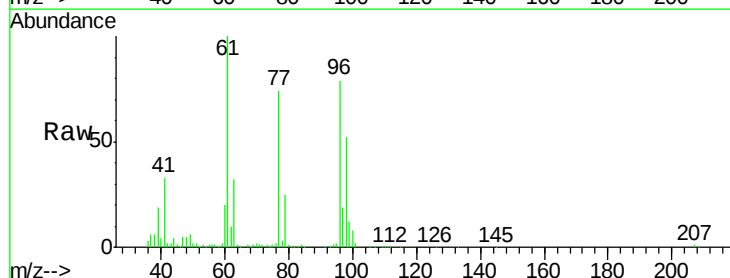
Tgt Ion: 96 Resp: 67175

Ion Ratio Lower Upper

96 100

61 134.9 107.7 161.5

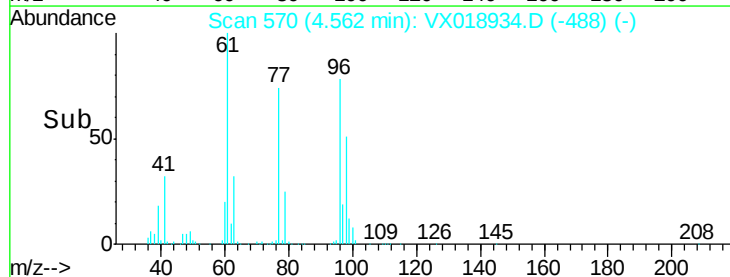
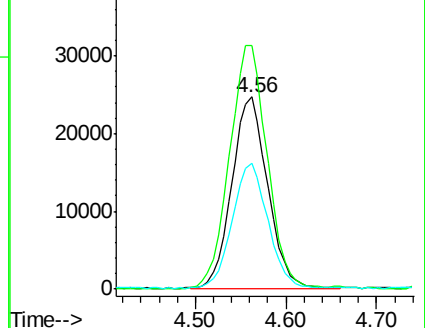
98 65.2 51.9 77.9

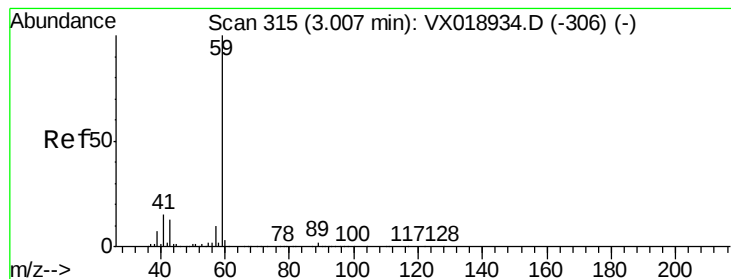


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 105.681 ug/l

RT: 3.01 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

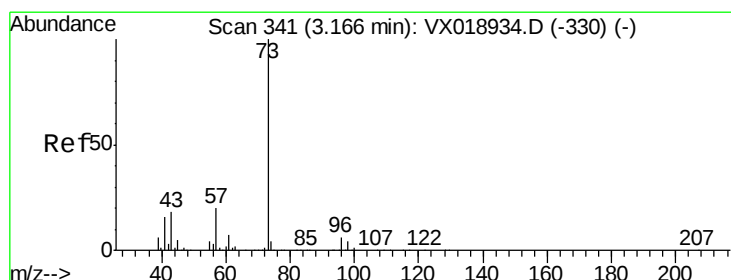
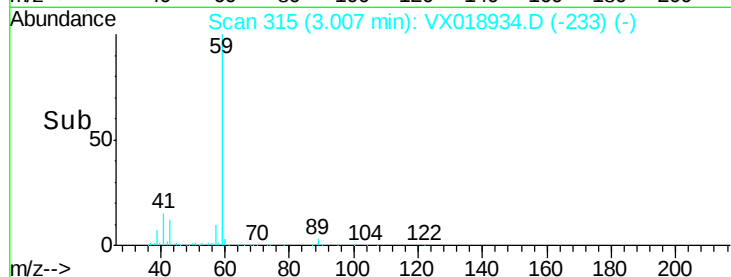
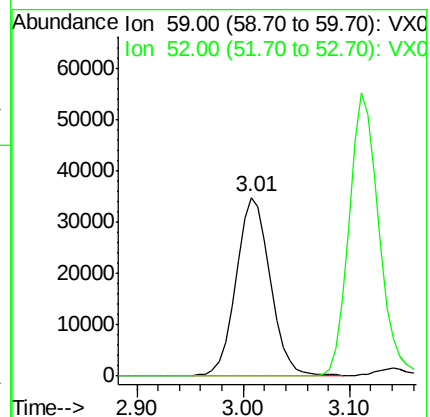
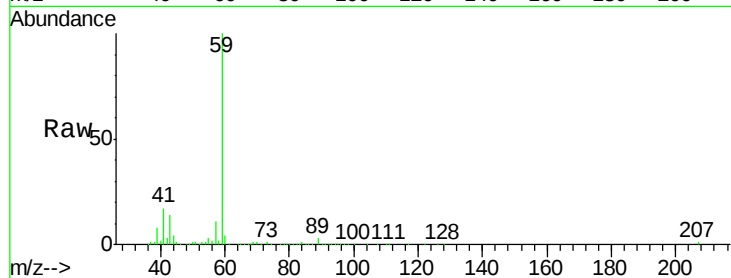
VSTDICCC020

Tgt Ion: 59 Resp: 78601

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2



#24

Methyl tert-Butyl Ether

Concen: 17.247 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018934.D

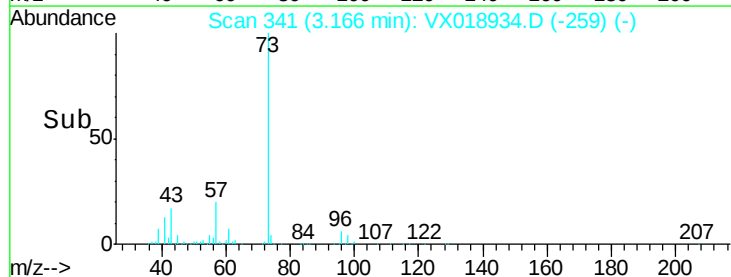
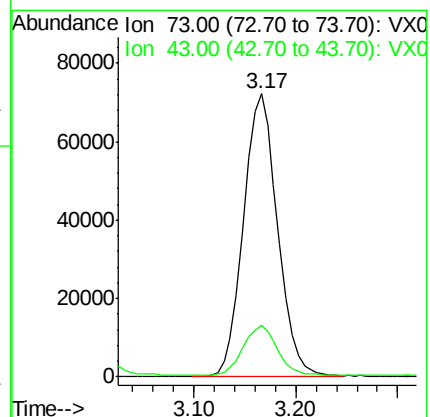
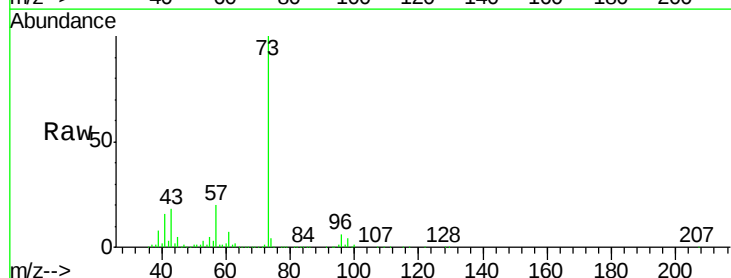
Acq: 15 Oct 2020 14:02

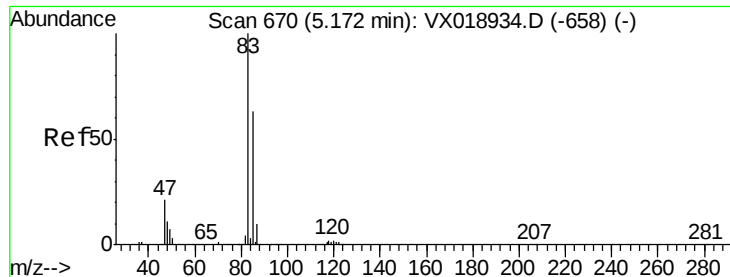
Tgt Ion: 73 Resp: 166977

Ion Ratio Lower Upper

73 100

43 17.3 13.8 20.8





#25

Chloroform

Concen: 17.709 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

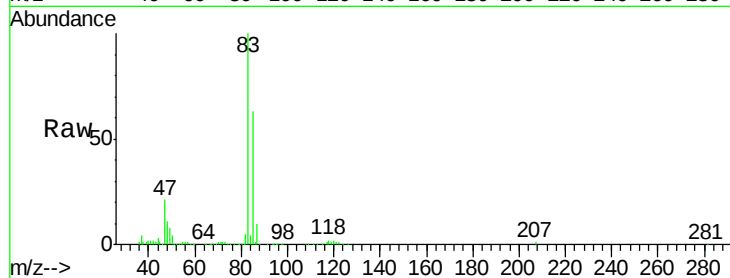
VSTDICCC020

Tgt Ion: 83 Resp: 104569

Ion Ratio Lower Upper

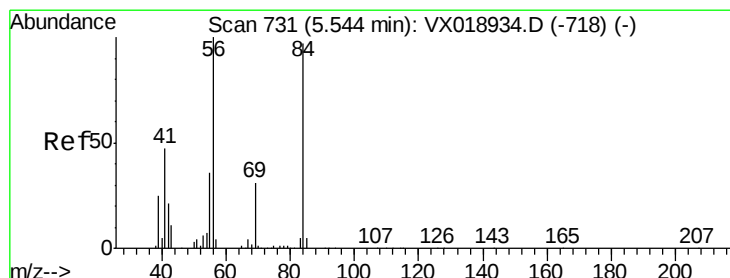
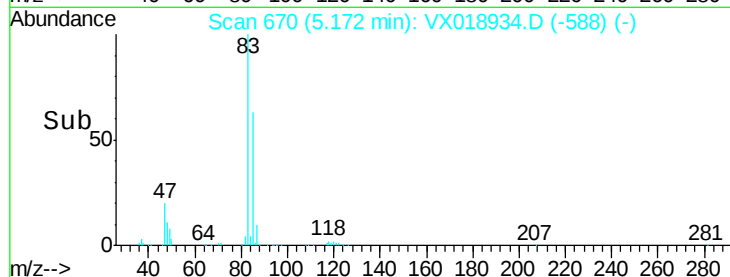
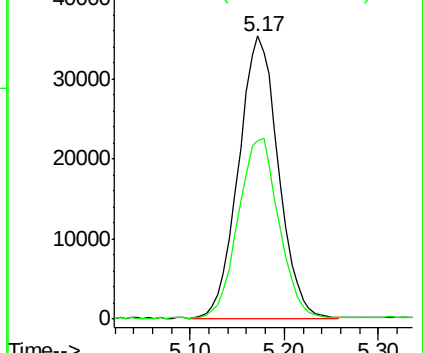
83 100

85 62.9 50.3 75.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 17.664 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

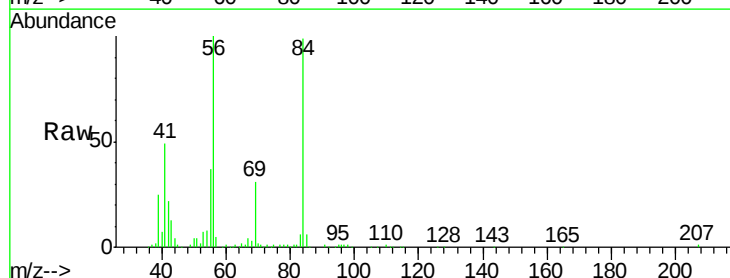
Tgt Ion: 56 Resp: 79538

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

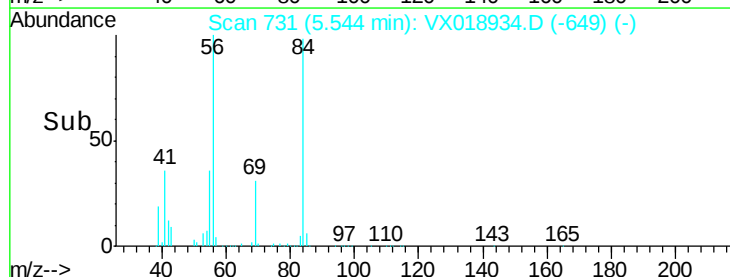
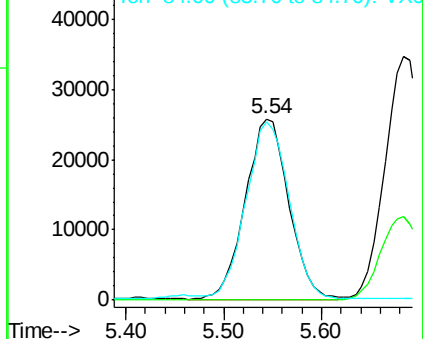
84 97.6 78.0 117.0

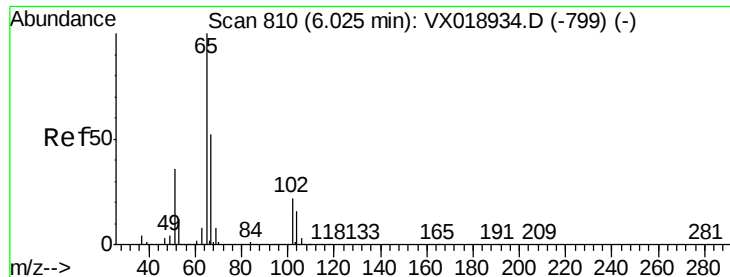


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

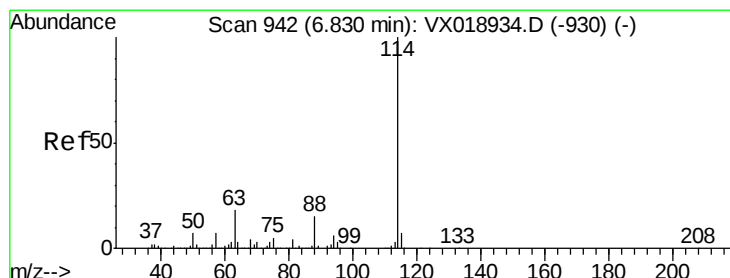
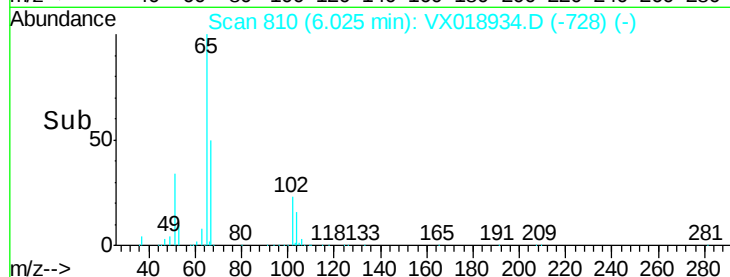
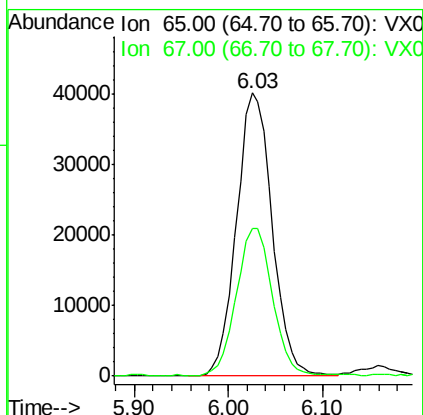
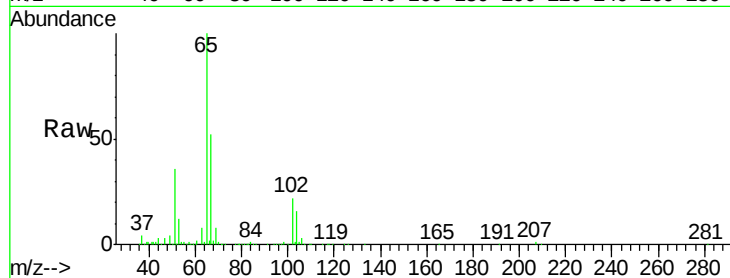




#27
 1,2-Dichloroethane-d4
 Concen: 25.589 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

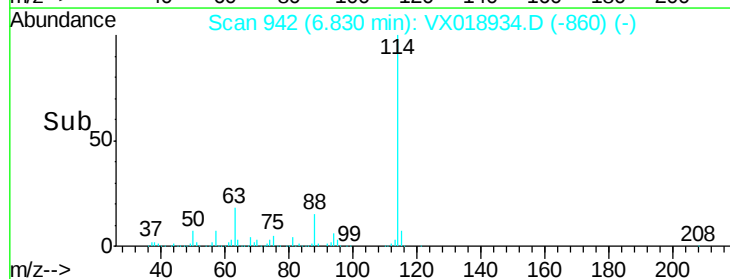
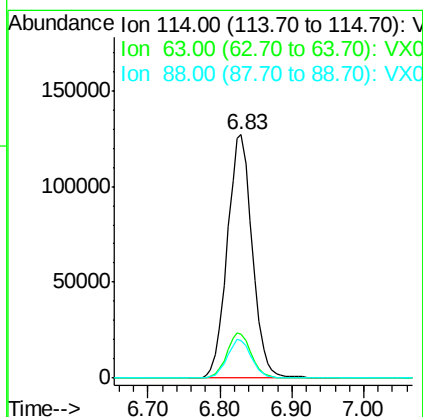
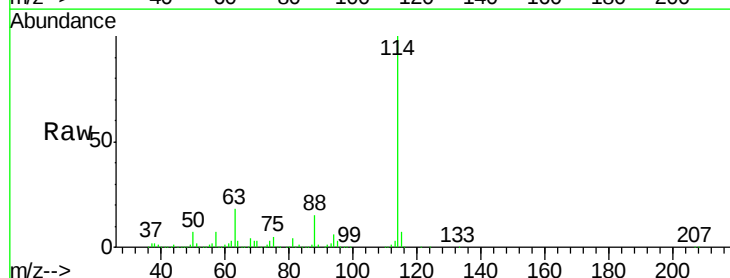
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

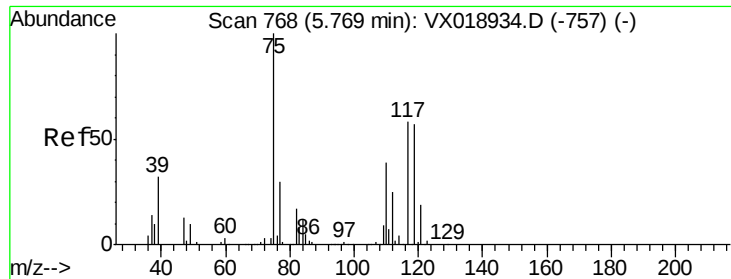
Tgt Ion: 65 Resp: 106421
 Ion Ratio Lower Upper
 65 100
 67 52.6 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion: 114 Resp: 306587
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.6 21.8
 88 15.4 12.3 18.5

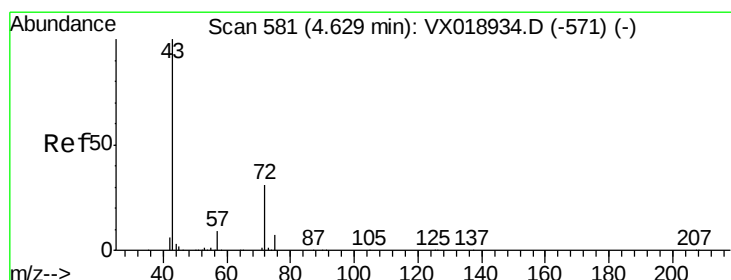
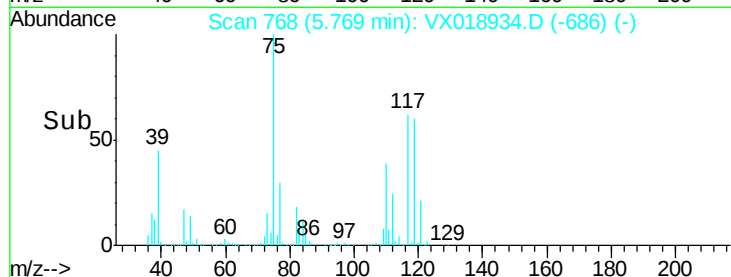
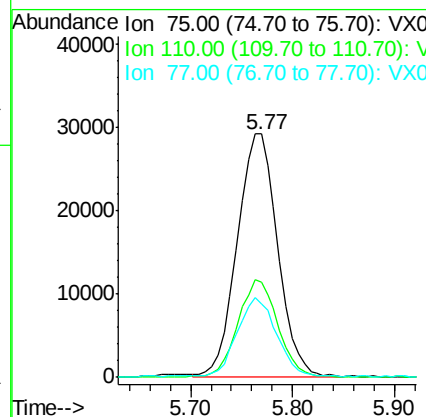
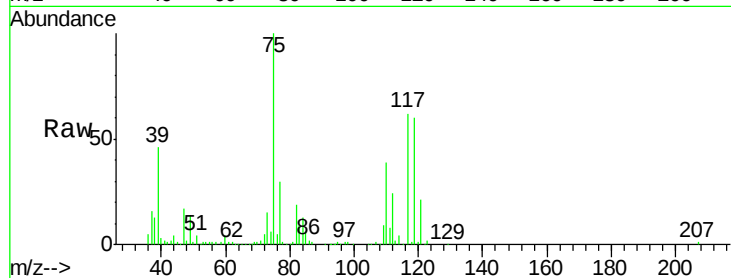




#29
 1,1-Dichloropropene
 Concen: 17.374 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

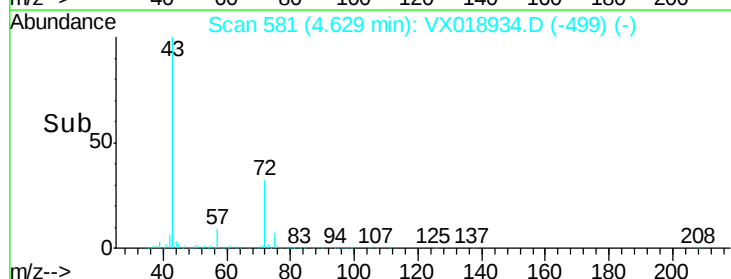
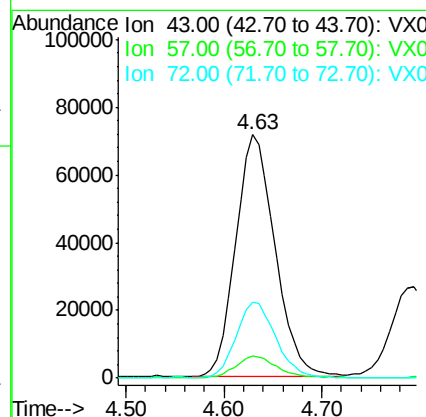
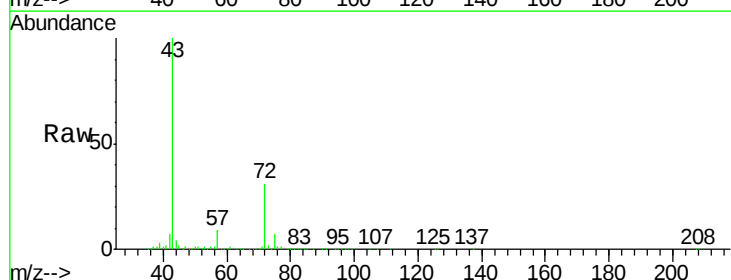
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

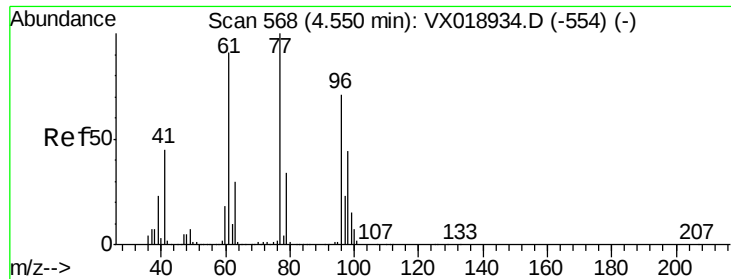
Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	0.0	79.2
77	31.3	0.0	62.6



#30
 2-Butanone
 Concen: 80.110 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.0	10.6
72	32.0	25.6	38.4





#31

2,2-Dichloropropane

Concen: 17.061 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

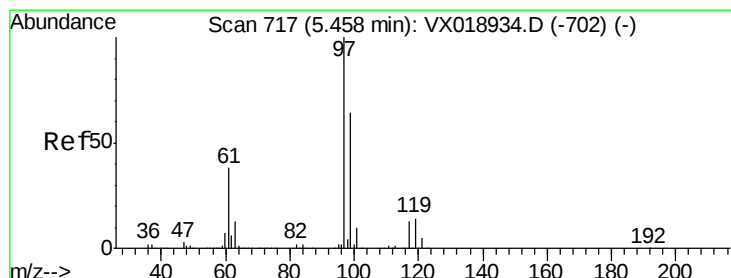
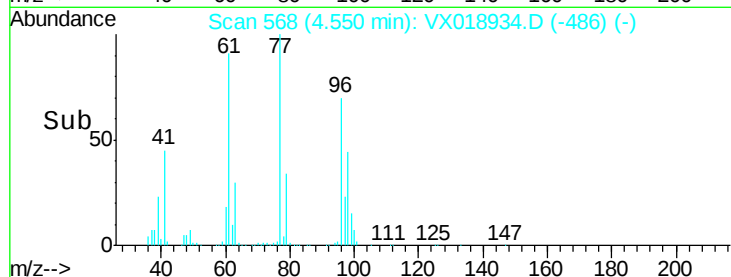
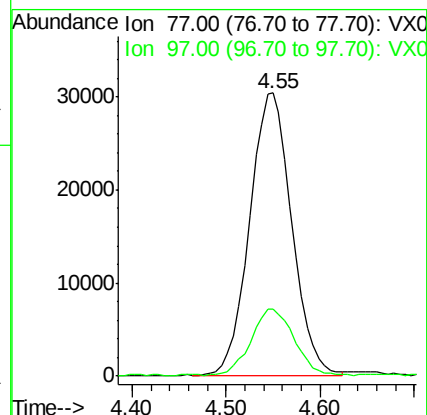
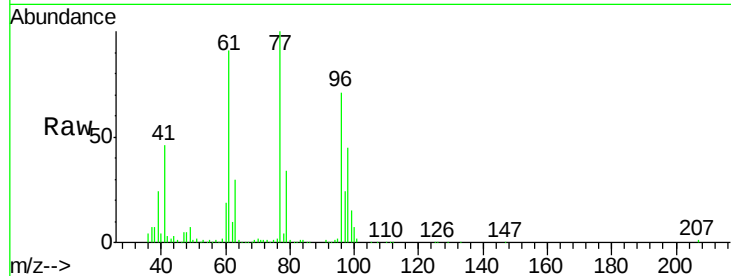
VSTDICCC020

Tgt Ion: 77 Resp: 94995

Ion Ratio Lower Upper

77 100

97 23.8 19.0 28.6



#32

1,1,1-Trichloroethane

Concen: 16.296 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

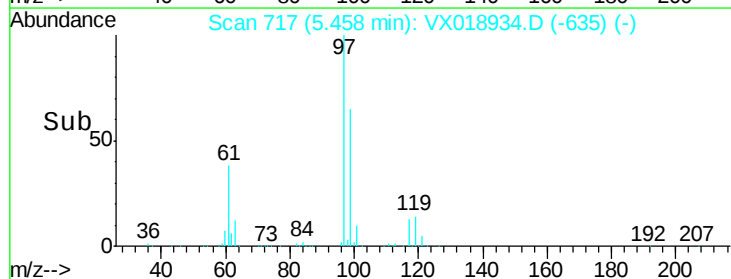
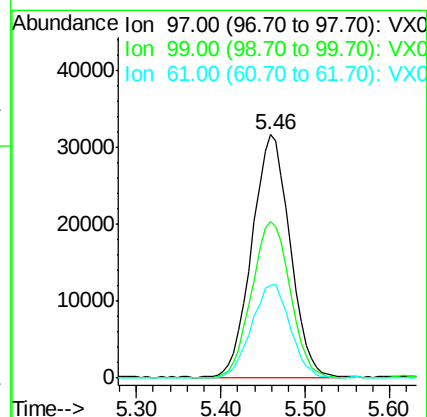
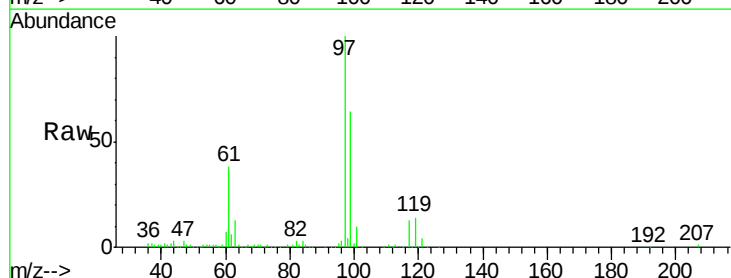
Tgt Ion: 97 Resp: 97112

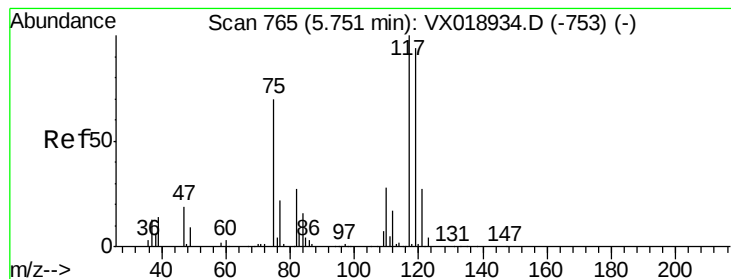
Ion Ratio Lower Upper

97 100

99 65.7 52.6 78.8

61 39.4 31.5 47.3





#33

Carbon Tetrachloride

Concen: 16.025 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

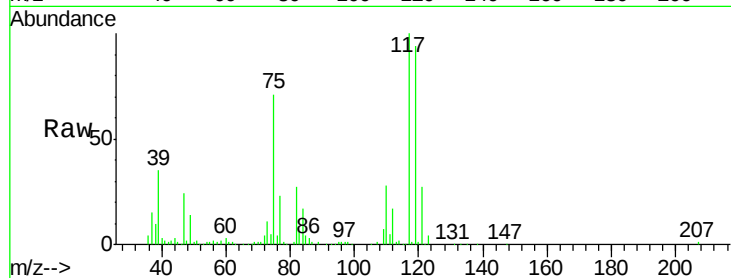
Tgt Ion:117 Resp: 88607

Ion Ratio Lower Upper

117 100

119 93.7 75.0 112.4

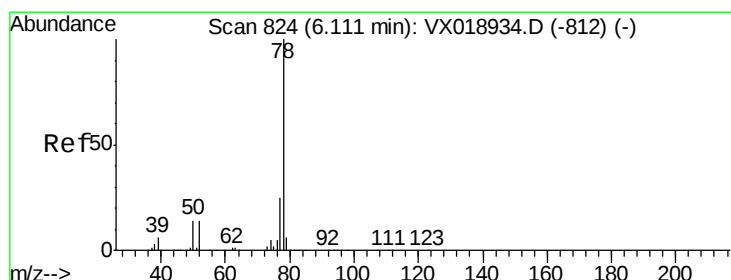
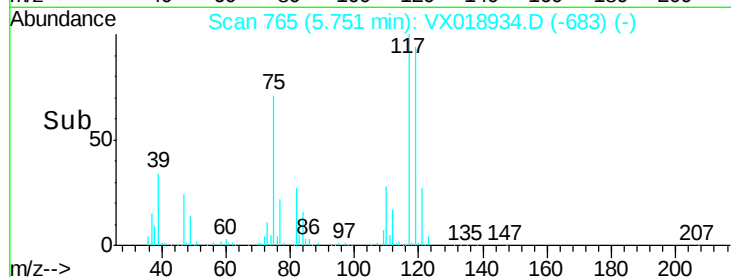
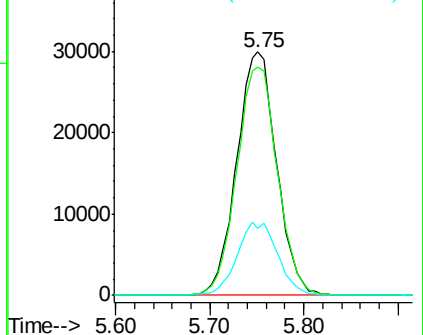
121 27.3 21.8 32.8



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: 17.950 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

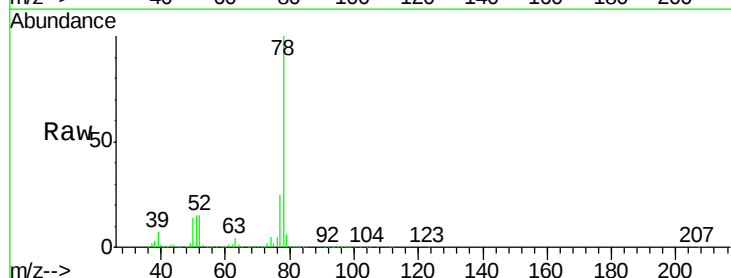
Tgt Ion: 78 Resp: 237840

Ion Ratio Lower Upper

78 100

77 24.6 19.7 29.5

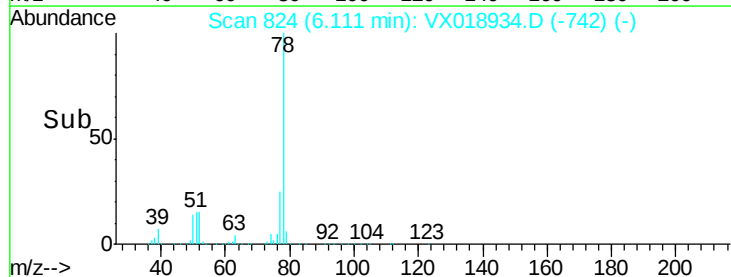
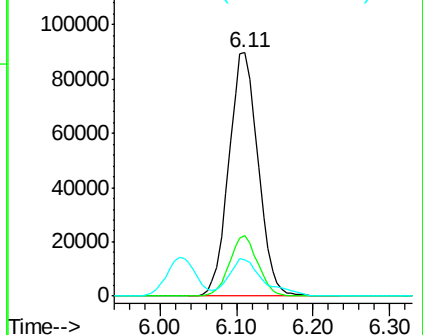
51 15.0 12.0 18.0

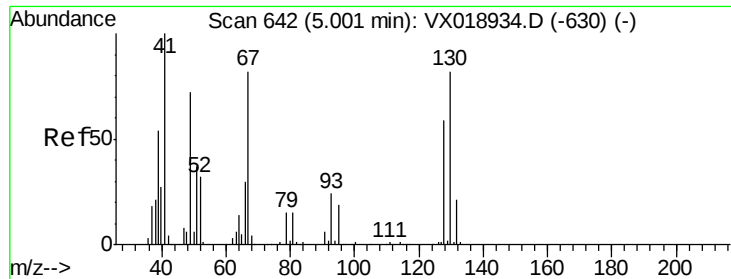


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

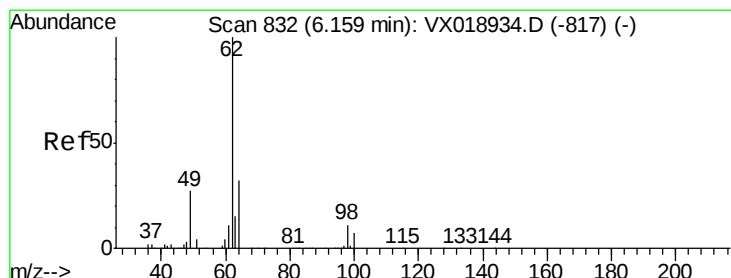
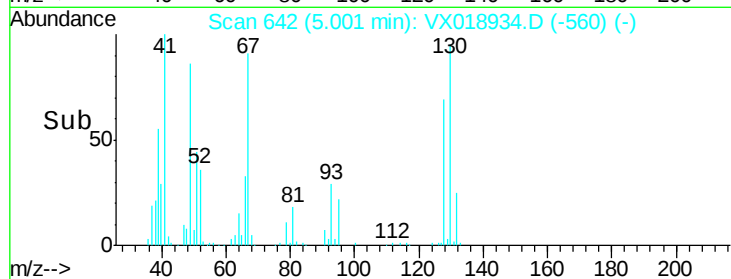
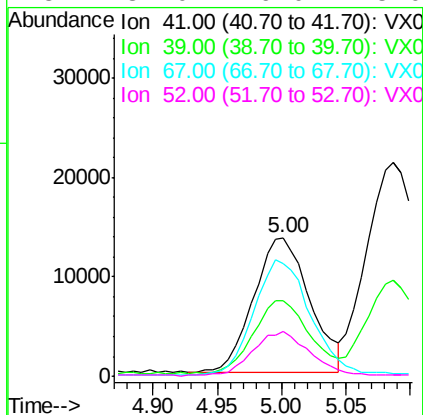
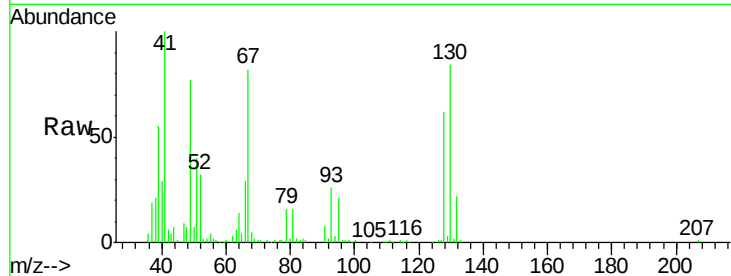




#35
Methacrylonitrile
Concen: 15.816 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

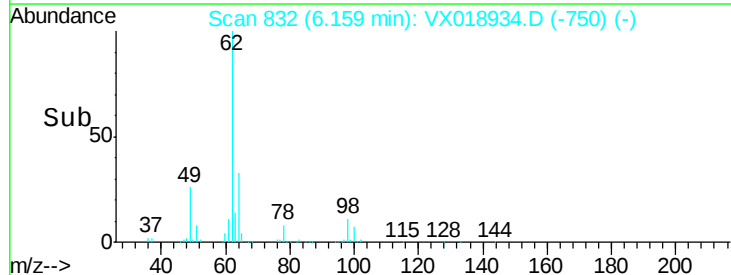
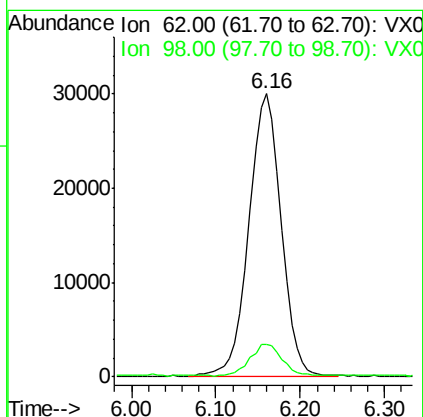
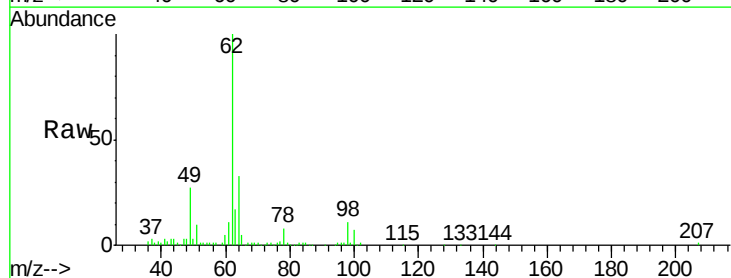
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

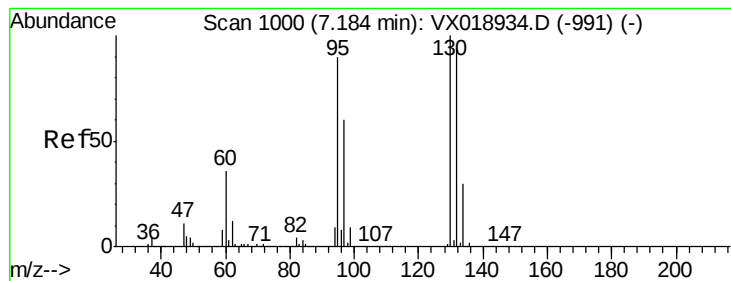
Tgt Ion:	41	Resp:	41536
Ion	Ratio	Lower	Upper
41	100		
39	54.0	27.0	81.0
67	82.2	41.1	123.3
52	32.0	16.0	48.0



#36
1,2-Dichloroethane
Concen: 14.858 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion:	62	Resp:	78734
Ion	Ratio	Lower	Upper
62	100		
98	11.1	8.9	13.3





#37

Trichloroethene

Concen: 18.089 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

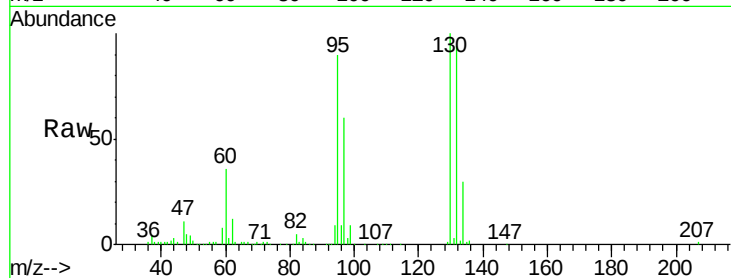
VSTDICCC020

Tgt Ion: 130 Resp: 69926

Ion Ratio Lower Upper

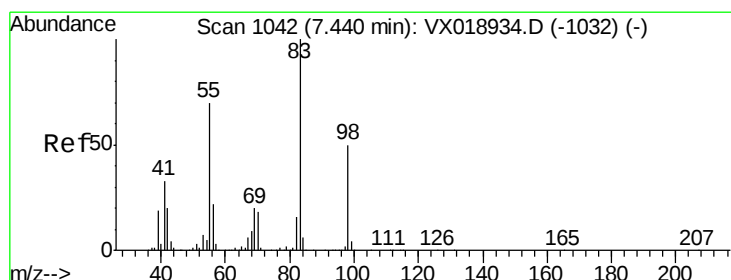
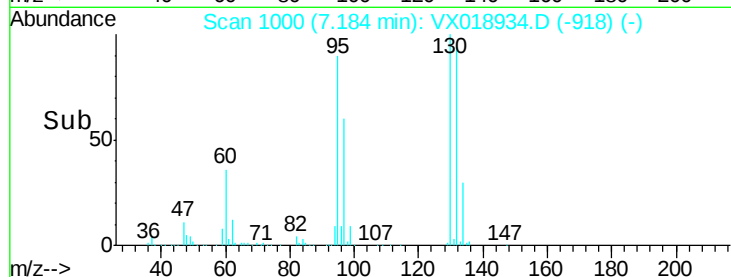
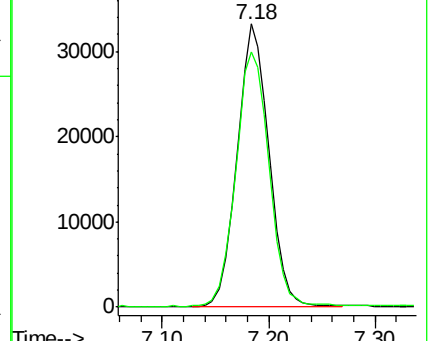
130 100

95 89.7 71.8 107.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.126 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

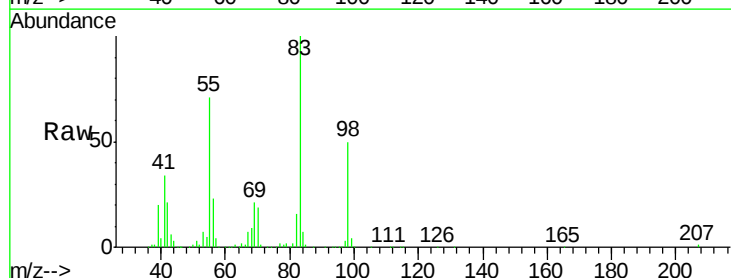
Tgt Ion: 83 Resp: 91408

Ion Ratio Lower Upper

83 100

55 69.6 34.8 104.4

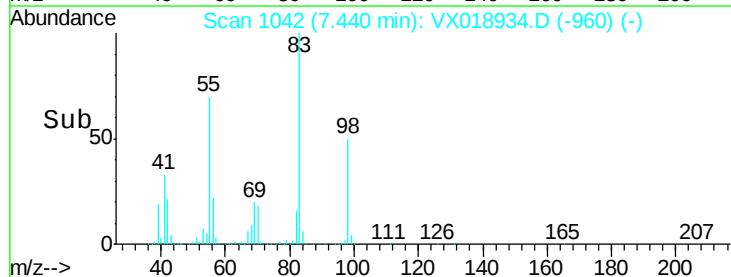
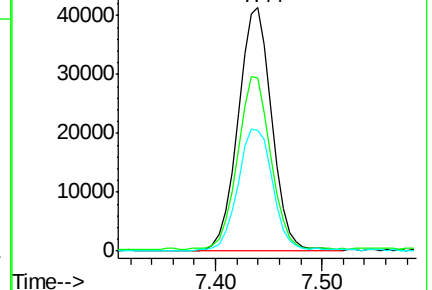
98 51.6 25.8 77.4

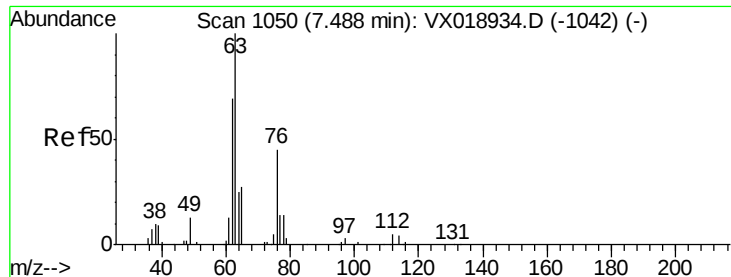


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

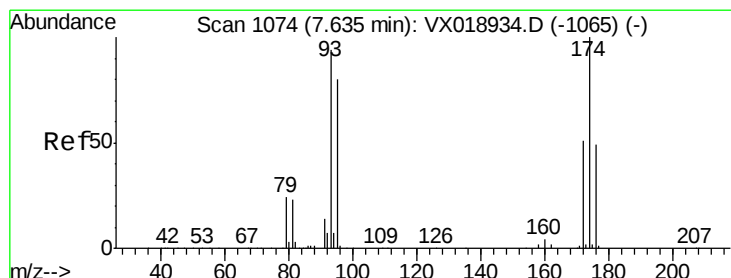
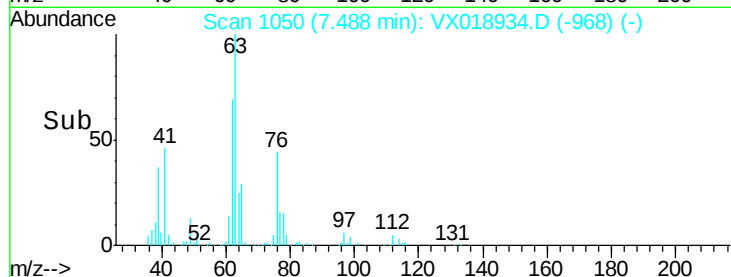
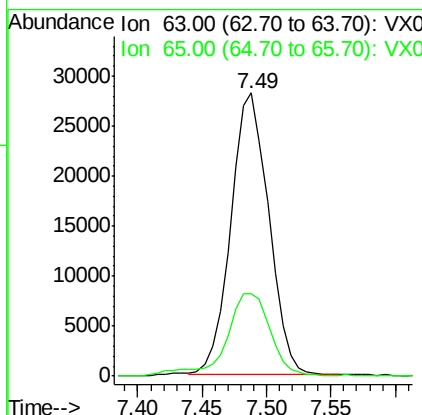
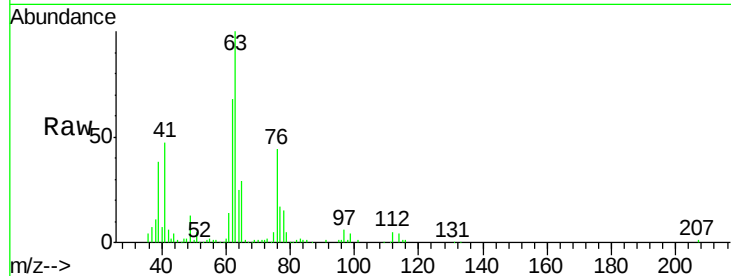




#39
 1,2-Dichloropropane
 Concen: 16.577 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

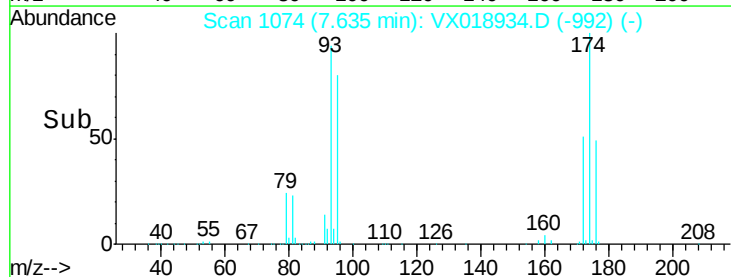
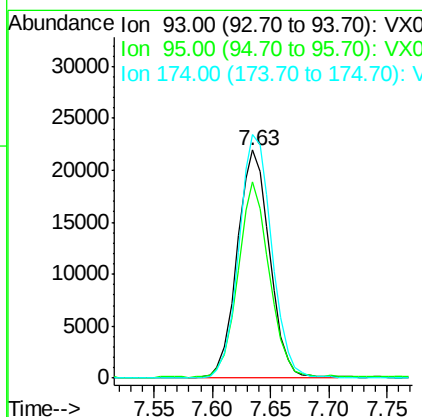
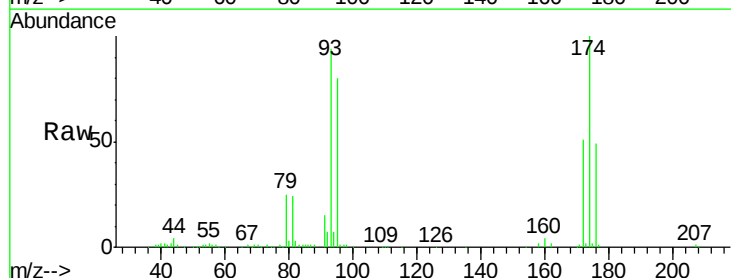
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

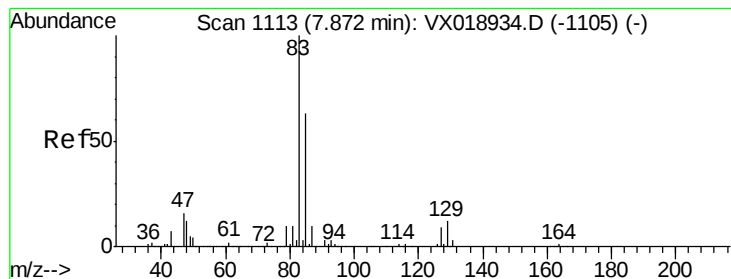
Tgt Ion: 63 Resp: 57832
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.0 34.6



#40
 Dibromomethane
 Concen: 16.934 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion: 93 Resp: 42871
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 164.0
 174 107.3 0.0 214.6





#41

Bromodichloromethane

Concen: 16.599 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

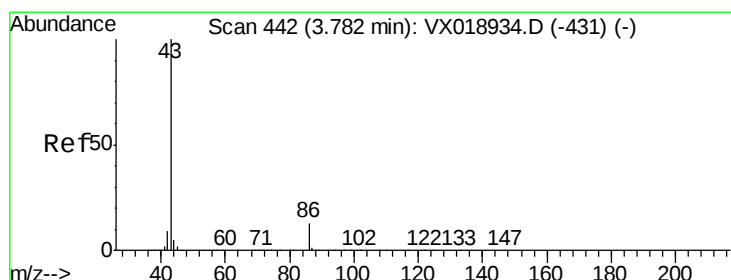
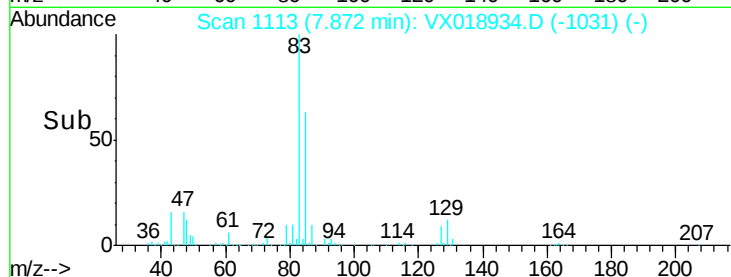
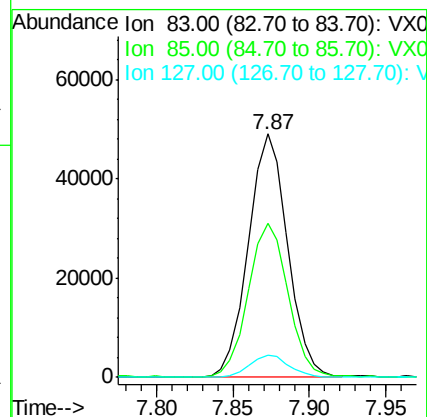
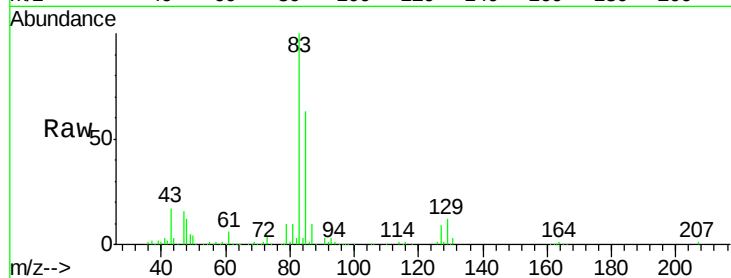
Tgt Ion: 83 Resp: 87048

Ion Ratio Lower Upper

83 100

85 63.0 50.4 75.6

127 9.4 7.5 11.3



#42

Vinyl Acetate

Concen: 77.180 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX018934.D

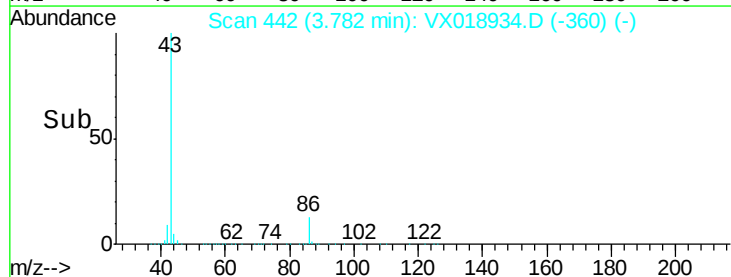
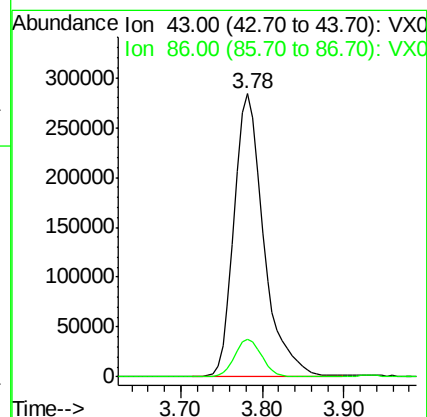
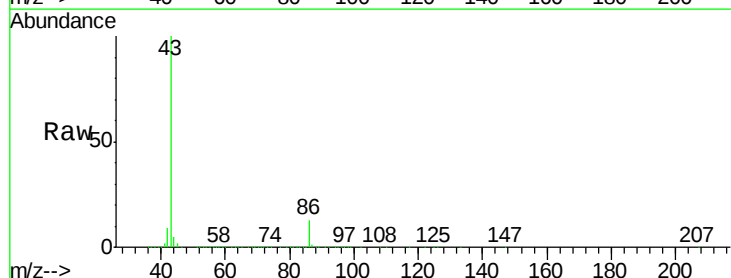
Acq: 15 Oct 2020 14:02

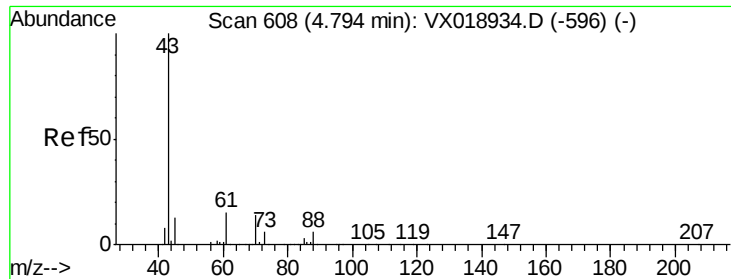
Tgt Ion: 43 Resp: 711369

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8

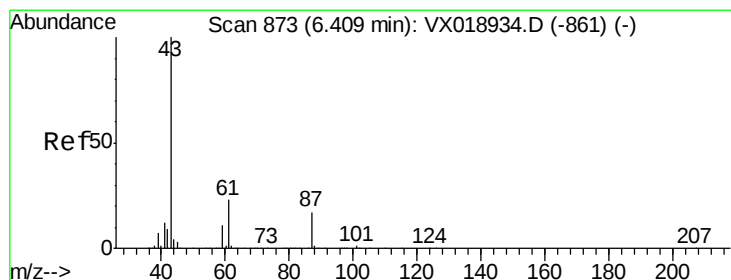
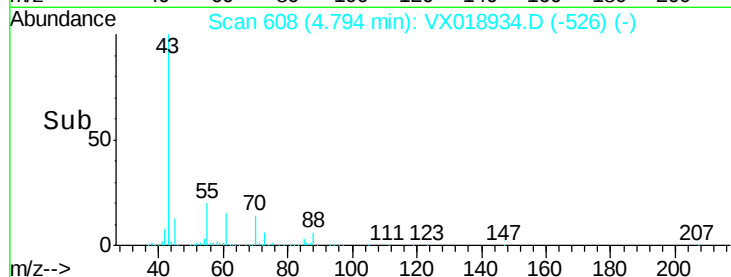
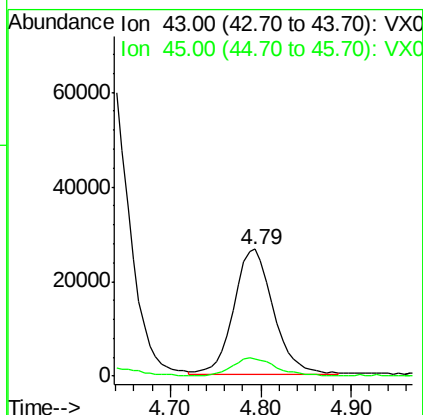
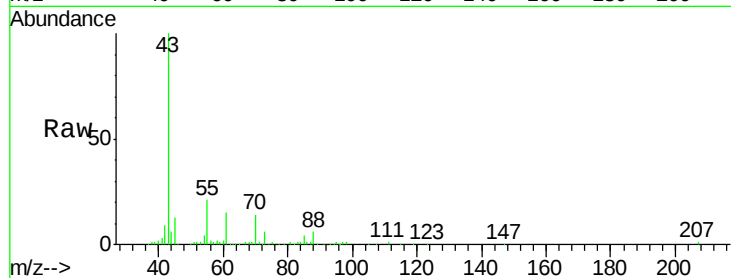




#43
Ethyl Acetate
Concen: 16.119 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

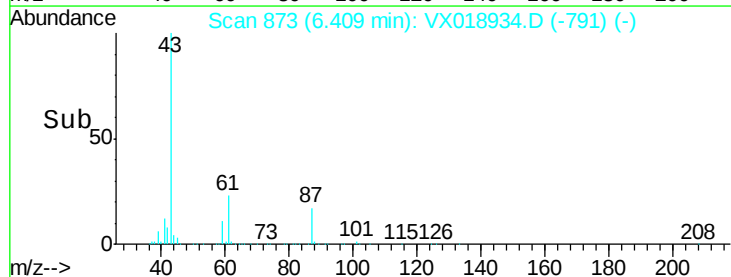
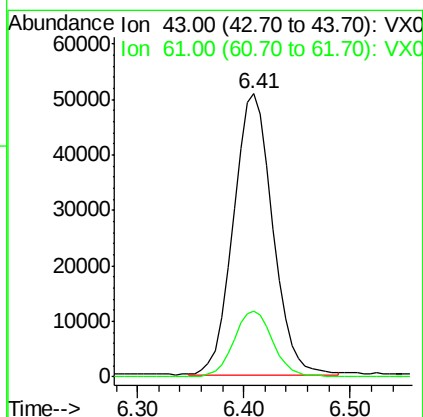
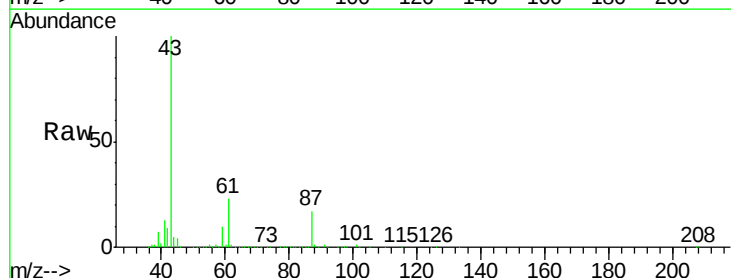
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

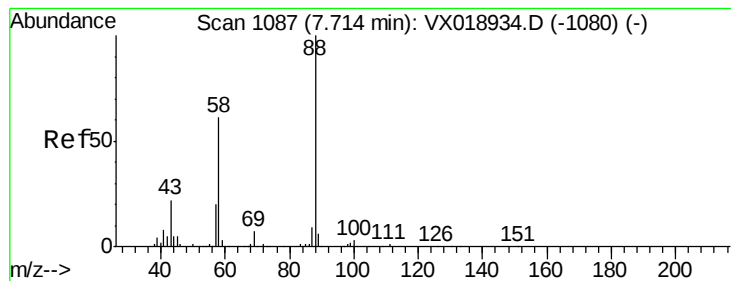
Tgt Ion: 43 Resp: 79818
Ion Ratio Lower Upper
43 100
45 14.4 11.5 17.3



#44
Isopropyl Acetate
Concen: 16.234 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion: 43 Resp: 130950
Ion Ratio Lower Upper
43 100
61 23.4 0.0 0.0#





#45

1,4-Dioxane

Concen: 415.973 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

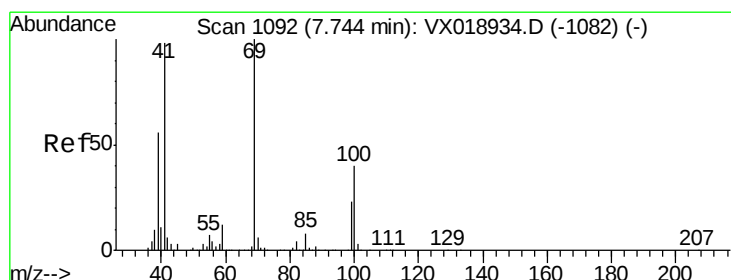
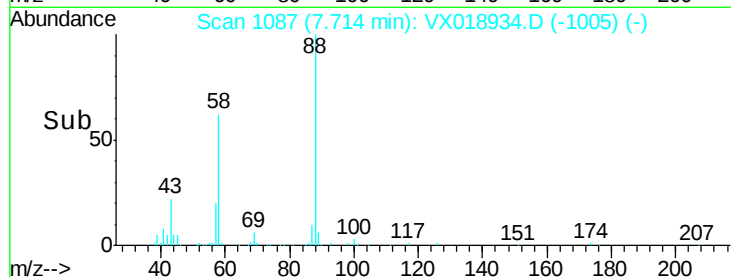
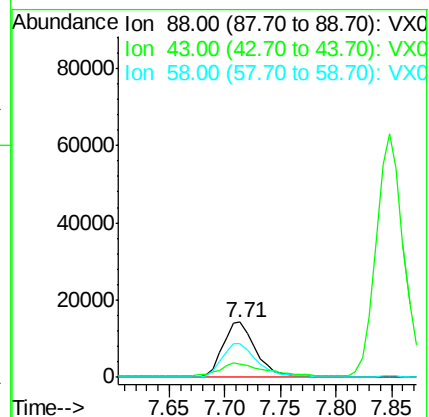
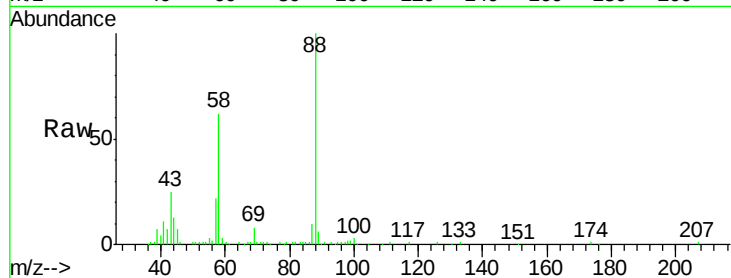
Tgt Ion: 88 Resp: 29660

Ion Ratio Lower Upper

88 100

43 27.6 22.1 33.1

58 65.1 52.1 78.1



#46

Methyl methacrylate

Concen: 15.670 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

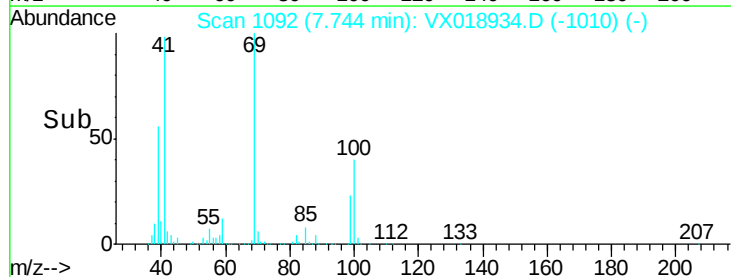
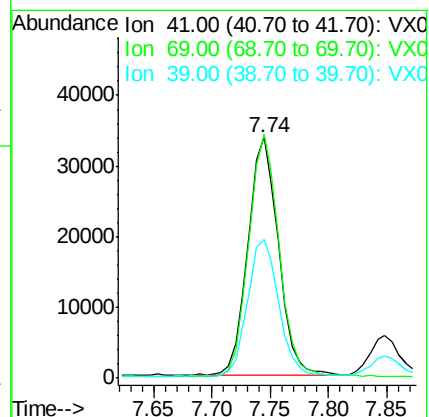
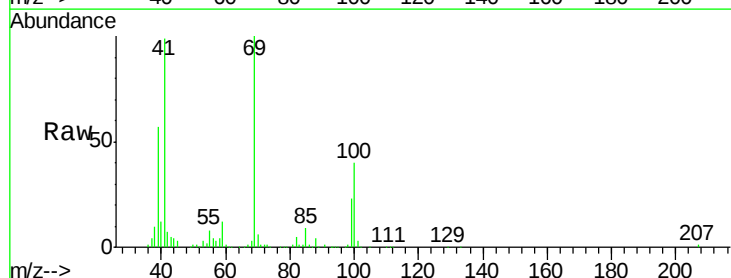
Tgt Ion: 41 Resp: 62101

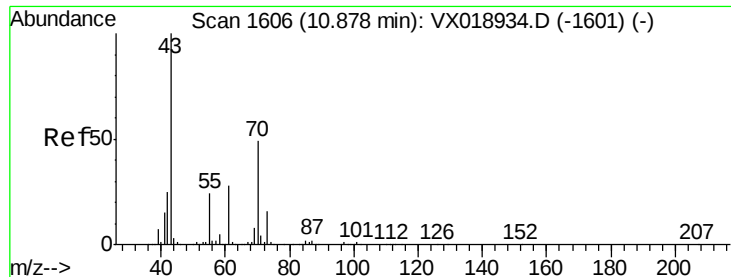
Ion Ratio Lower Upper

41 100

69 101.7 50.8 152.5

39 57.1 28.5 85.6

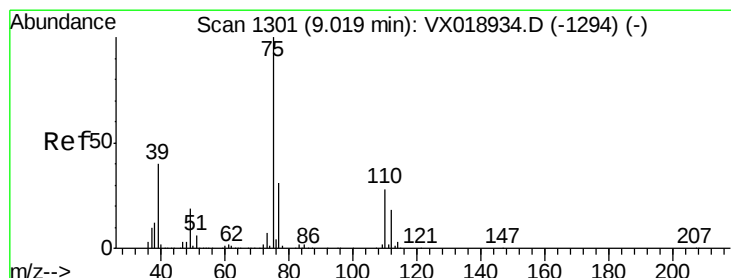
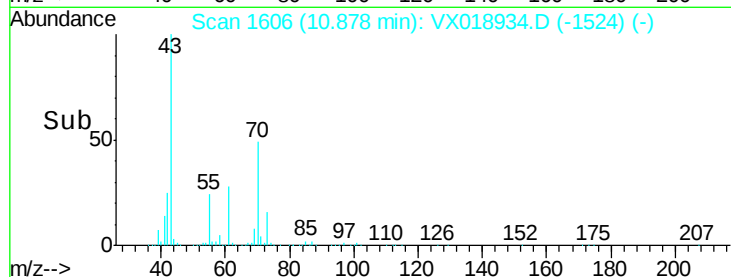
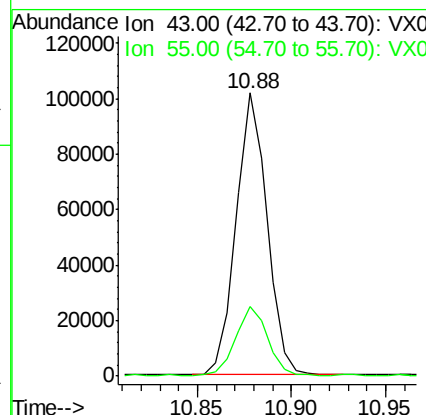
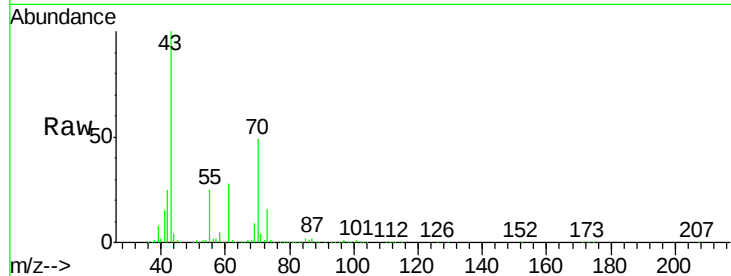




#47
 n-amy1 Acetate
 Concen: 16.260 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

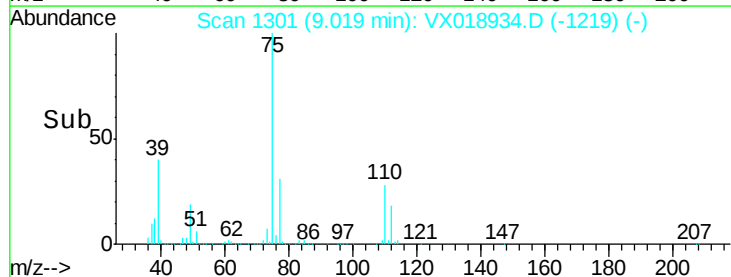
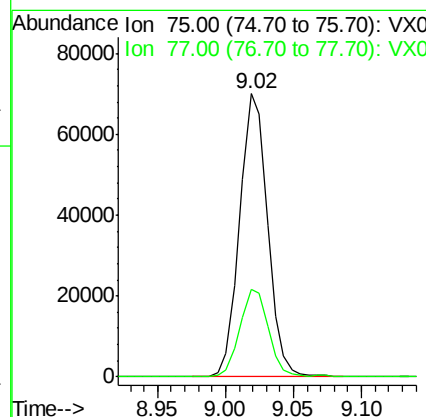
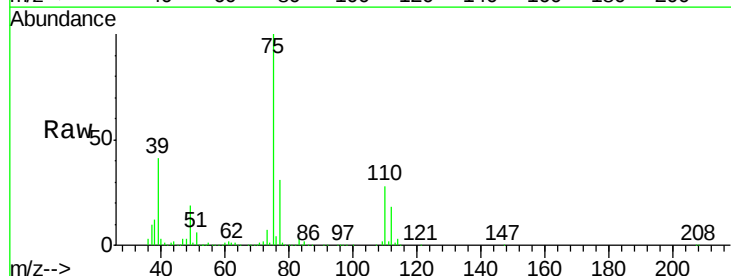
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

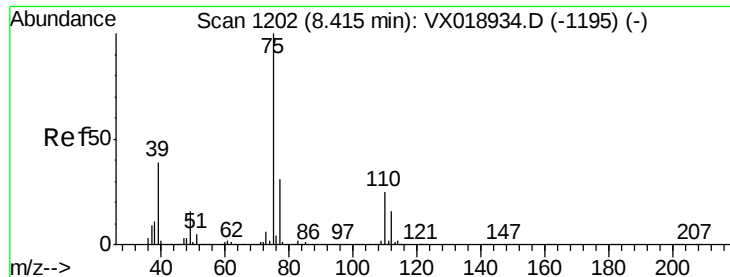
Tgt Ion: 43 Resp: 115841
 Ion Ratio Lower Upper
 43 100
 55 24.9 19.9 29.9



#48
 t-1,3-Dichloropropene
 Concen: 17.570 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion: 75 Resp: 100531
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8





#49

cis-1,3-Dichloropropene

Concen: 17.898 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

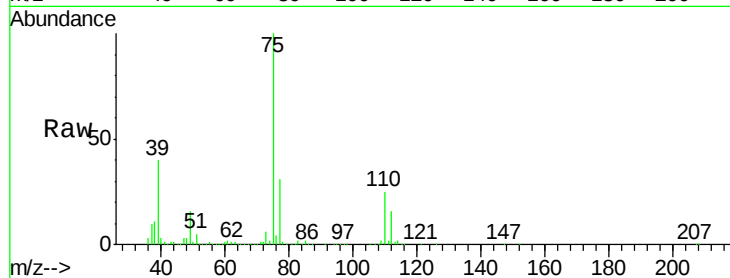
Tgt Ion: 75 Resp: 107448

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

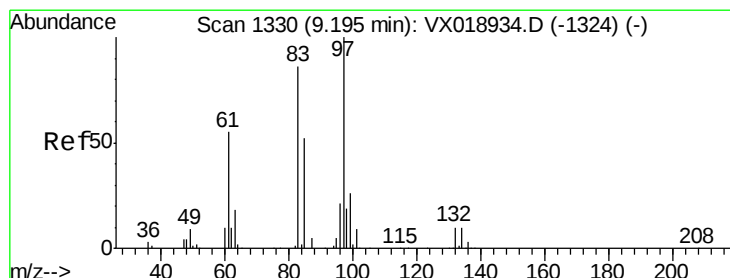
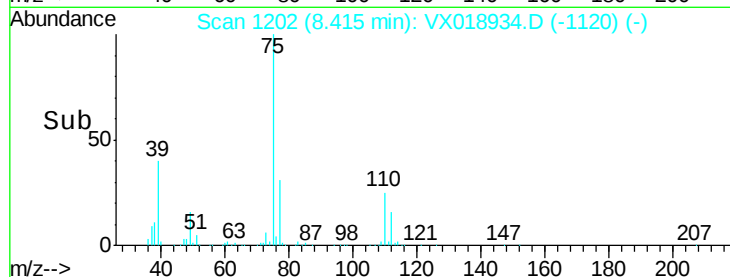
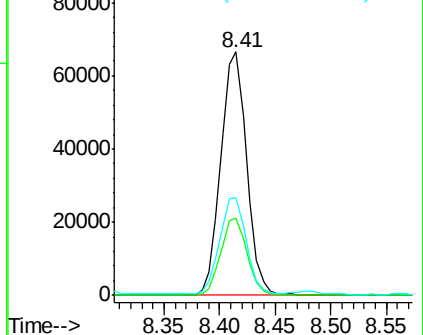
39 39.4 31.5 47.3



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: 17.829 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Tgt Ion: 97 Resp: 63603

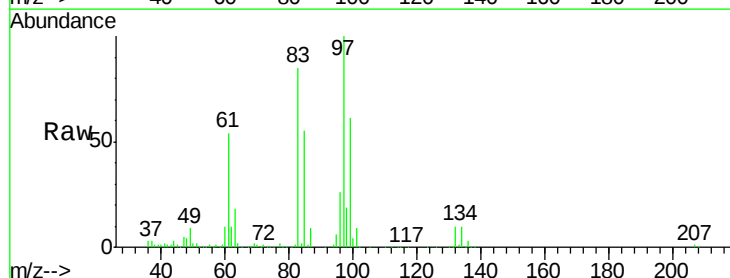
Ion Ratio Lower Upper

97 100

83 85.0 68.0 102.0

85 54.8 43.8 65.8

99 60.5 48.4 72.6

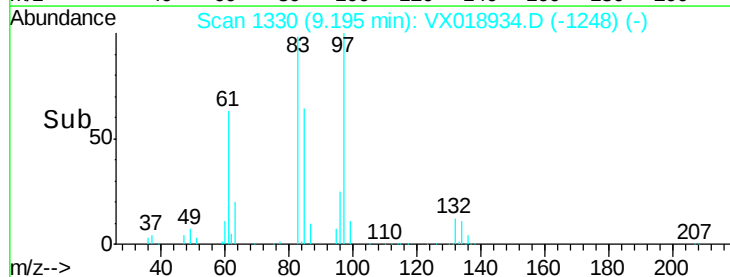
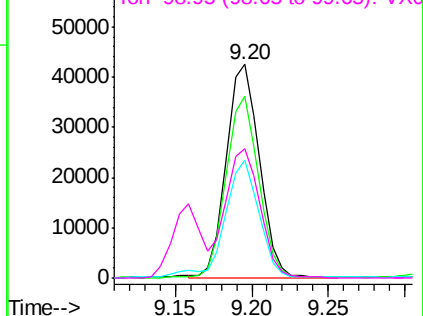


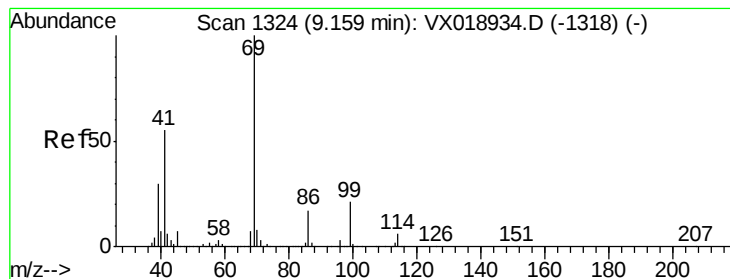
Abundance Ion 97.00 (96.70 to 97.70): VX0

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: 18.543 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

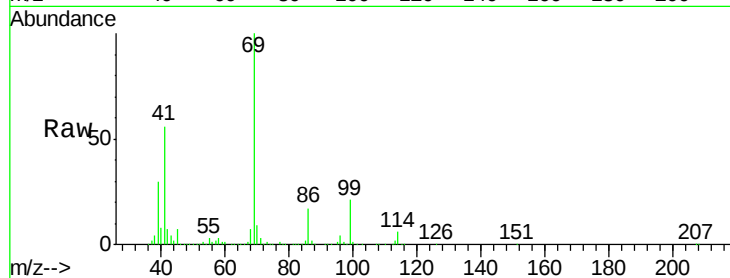
Tgt Ion: 69 Resp: 97897

Ion Ratio Lower Upper

69 100

41 55.2 27.6 82.8

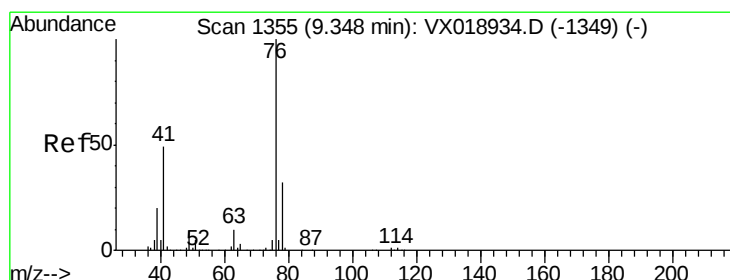
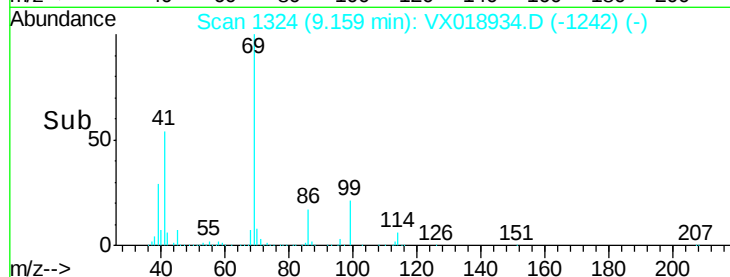
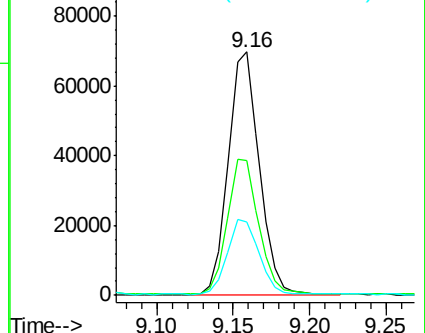
39 30.0 15.0 45.0



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: 17.562 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX018934.D

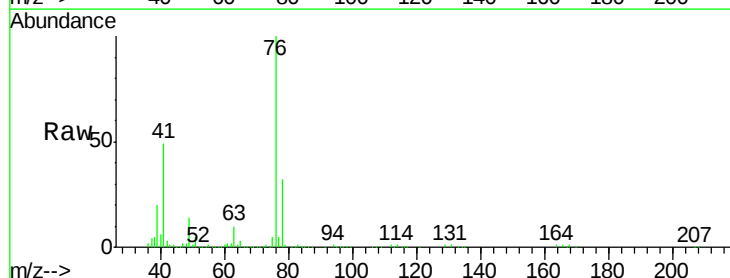
Acq: 15 Oct 2020 14:02

Tgt Ion: 76 Resp: 103891

Ion Ratio Lower Upper

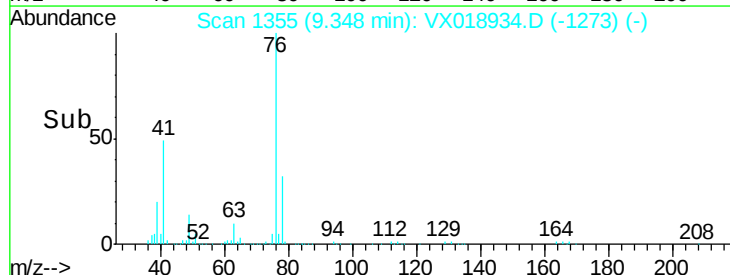
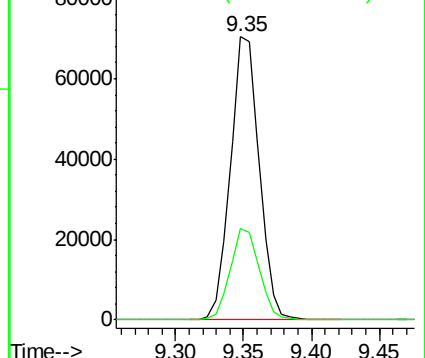
76 100

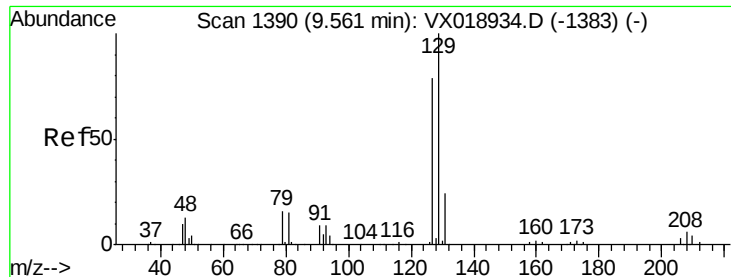
78 32.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

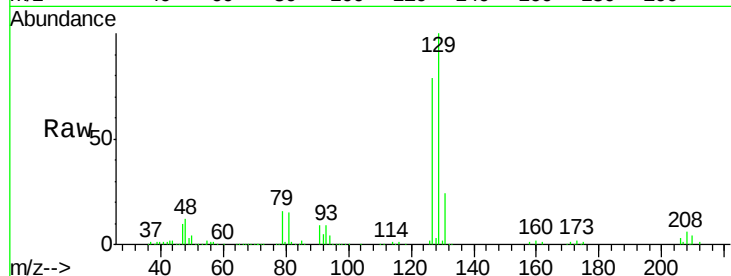




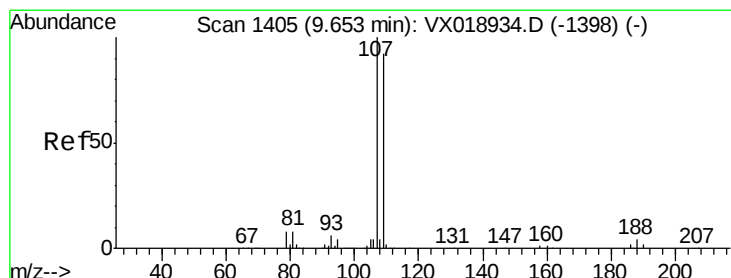
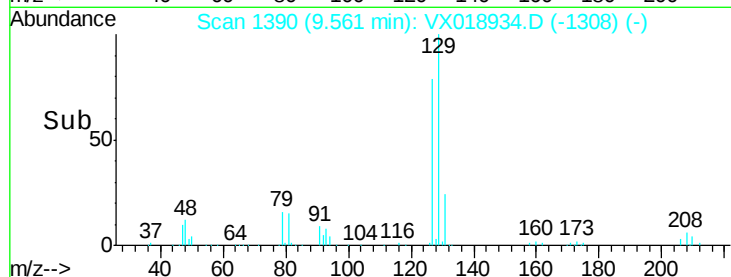
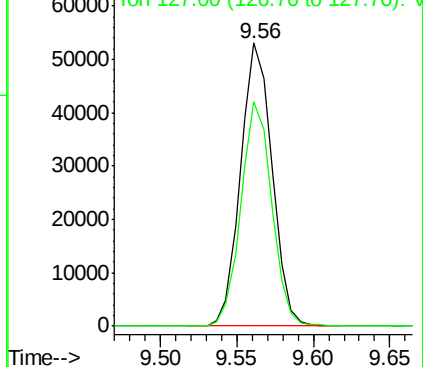
#53
 Dibromochloromethane
 Concen: 17.127 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion:129 Resp: 76024
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.7 116.1

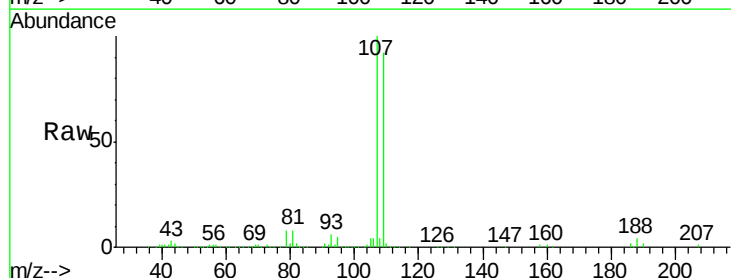


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

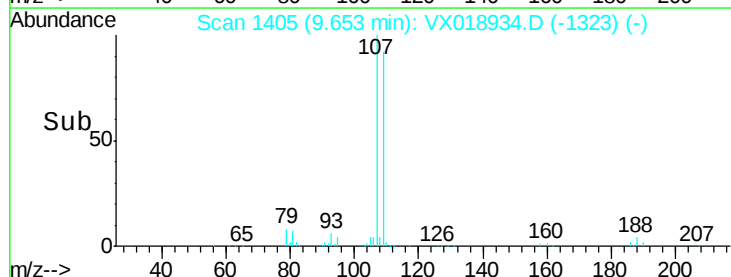
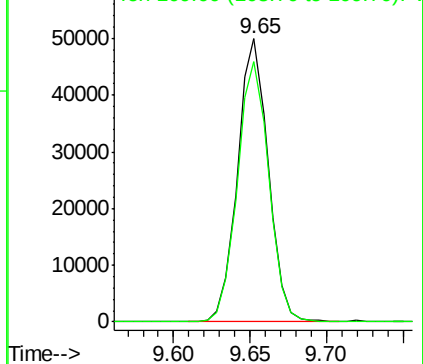


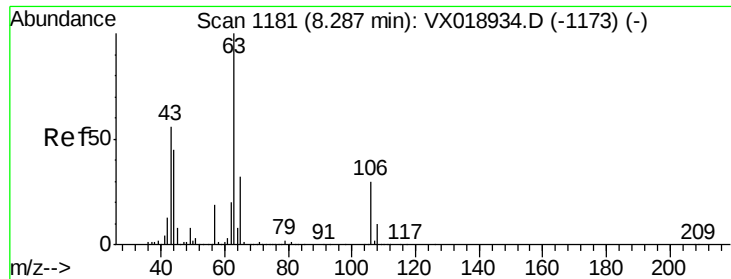
#54
 1,2-Dibromoethane
 Concen: 17.684 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion:107 Resp: 69501
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7



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

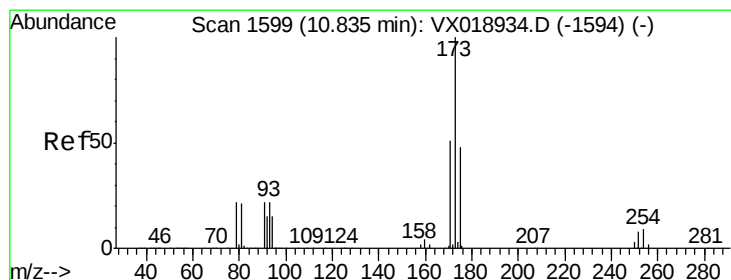
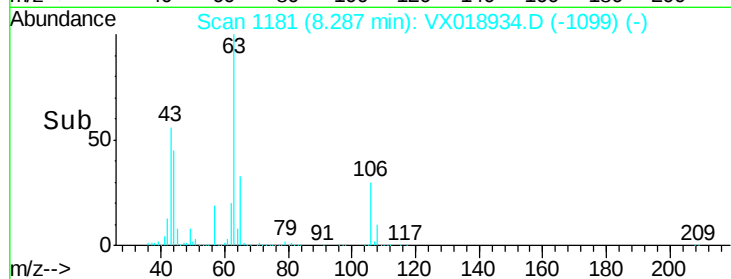
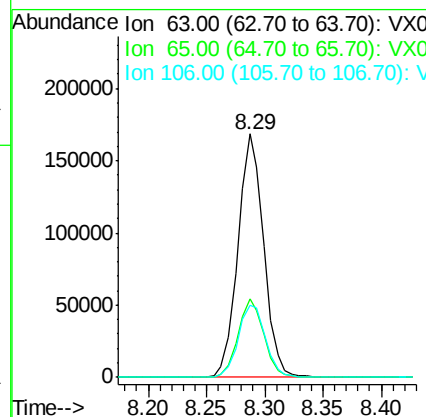
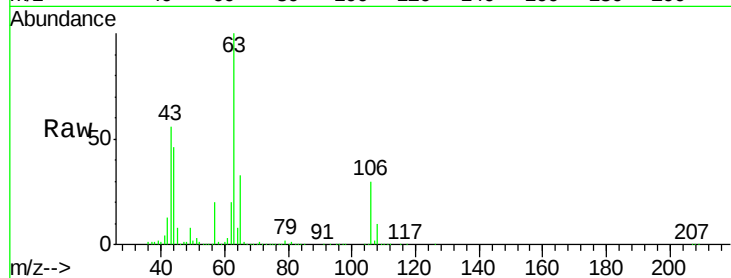




#55
 2-Chloroethyl vinyl ether
 Concen: 94.517 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

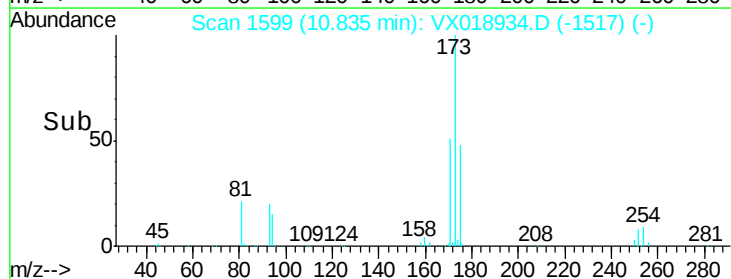
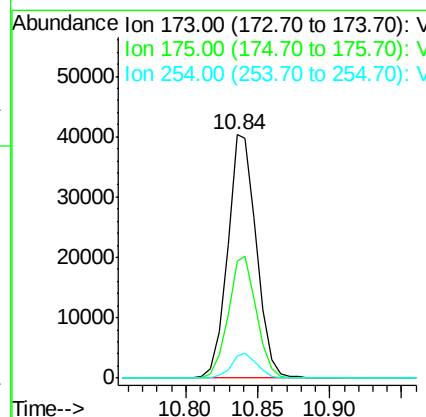
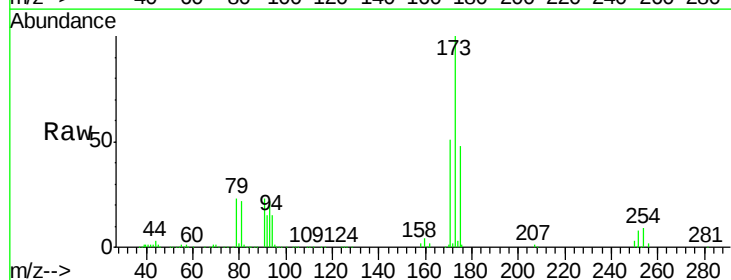
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

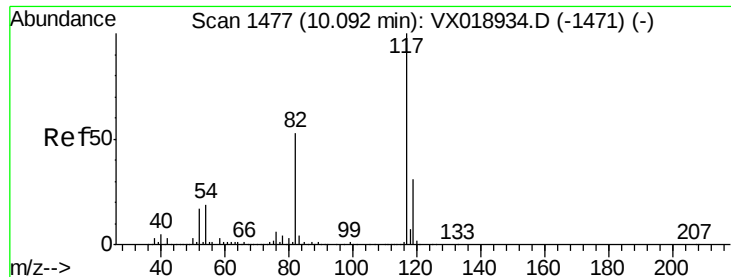
Tgt Ion: 63 Resp: 259676
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.8 38.6
 106 31.5 25.3 37.9



#56
 Bromoform
 Concen: 16.683 ug/l
 RT: 10.84 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion: 173 Resp: 56379
 Ion Ratio Lower Upper
 173 100
 175 49.0 39.2 58.8
 254 9.4 7.5 11.3

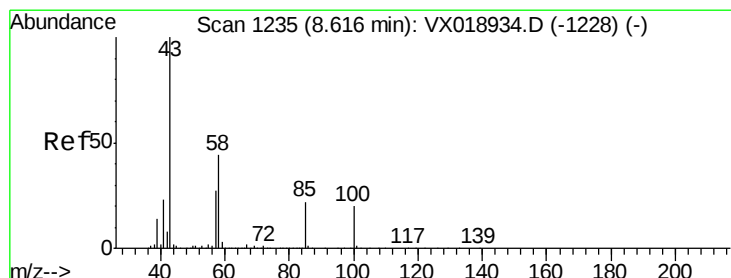
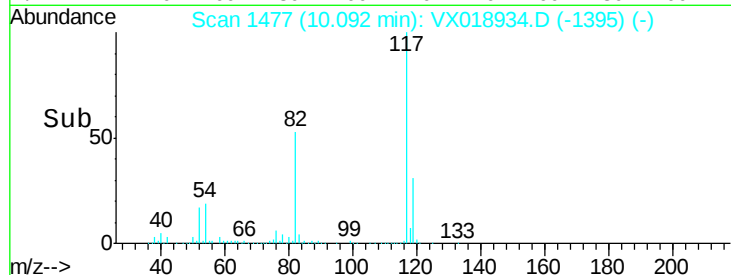
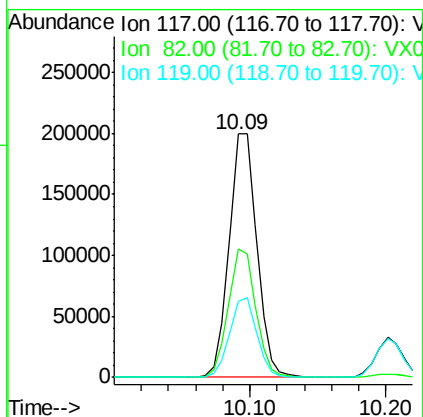
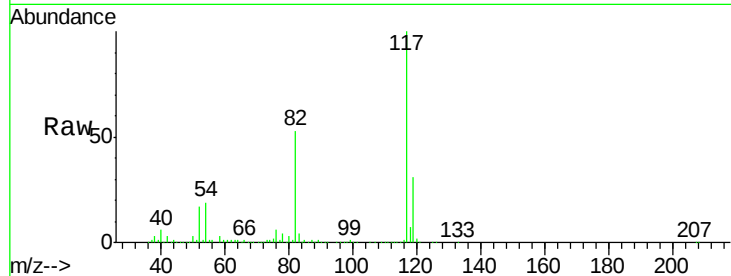




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

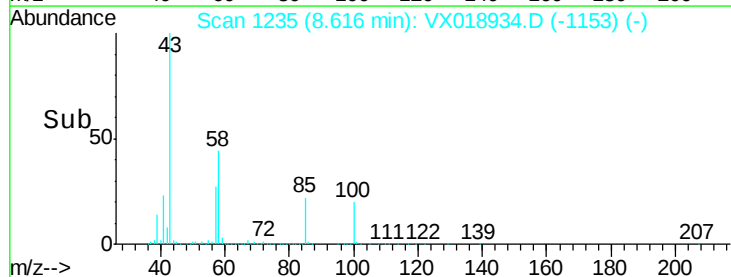
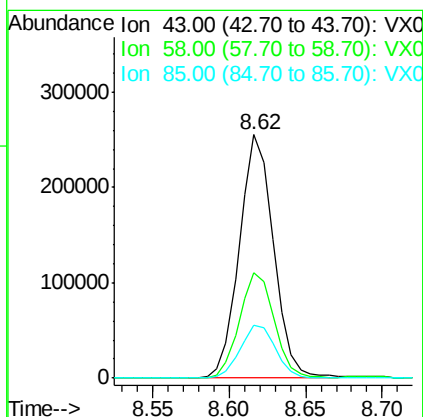
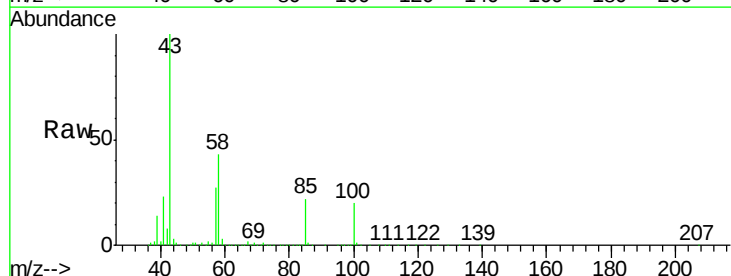
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

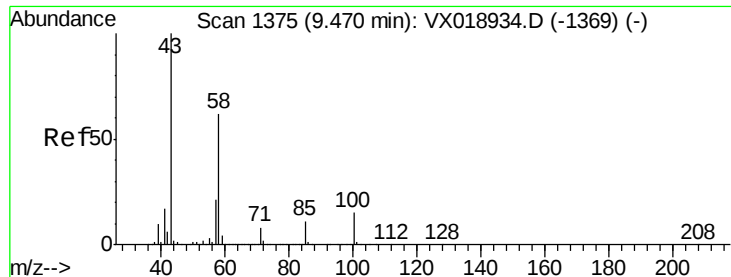
Tgt Ion: 117 Resp: 284481
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 82.810 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion: 43 Resp: 394682
Ion Ratio Lower Upper
43 100
58 44.3 35.4 53.2
85 22.5 18.0 27.0

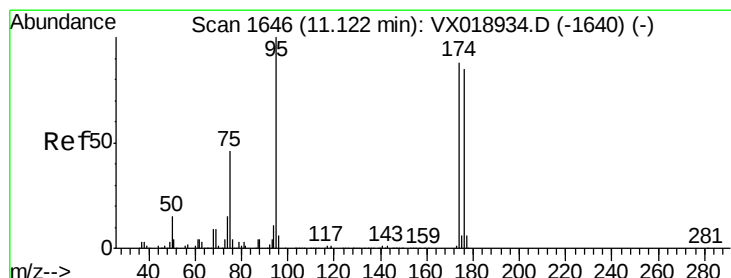
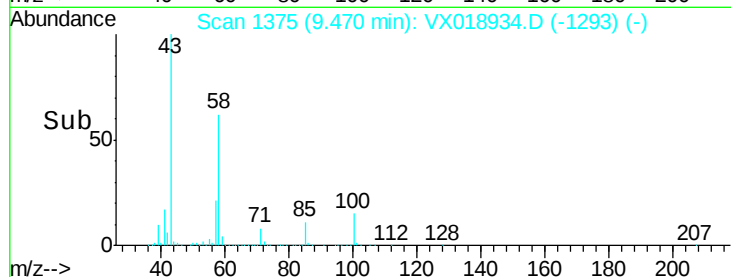
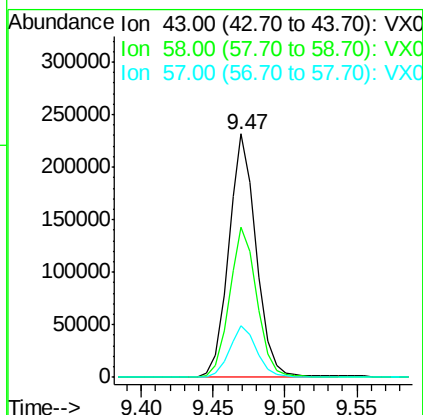
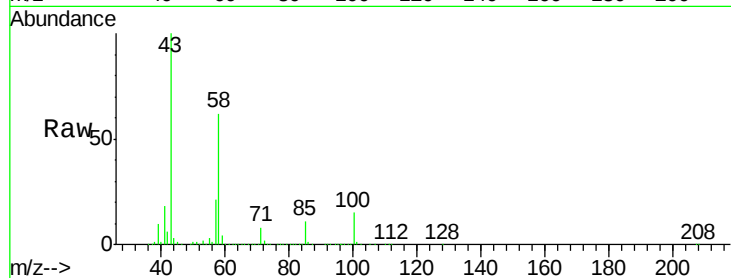




#59
2-Hexanone
Concen: 84.659 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

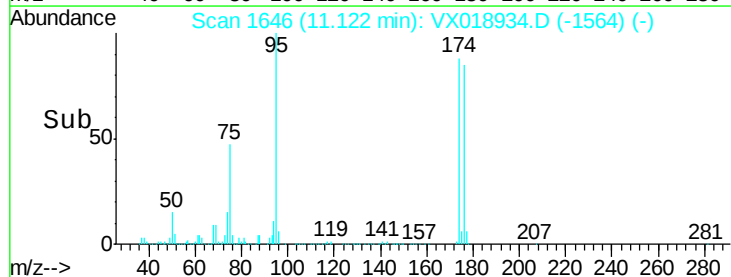
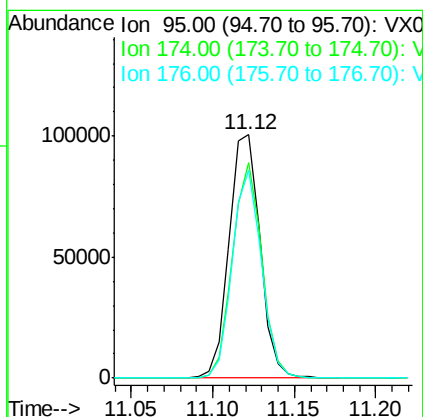
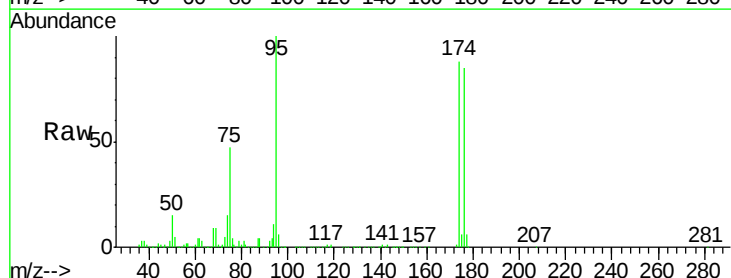
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

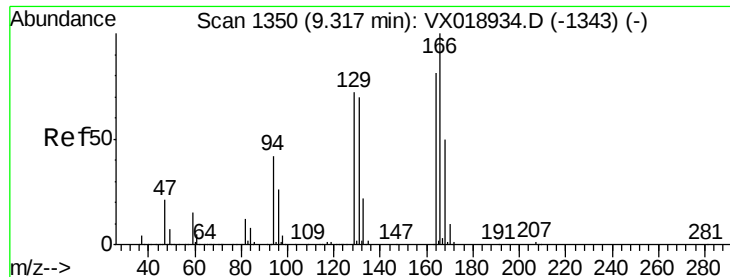
Tgt Ion: 43 Resp: 307822
Ion Ratio Lower Upper
43 100
58 62.1 49.7 74.5
57 21.1 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 27.511 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion: 95 Resp: 132919
Ion Ratio Lower Upper
95 100
174 83.7 67.0 100.4
176 80.6 64.5 96.7





#61

Tetrachloroethene

Concen: 17.702 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 61977

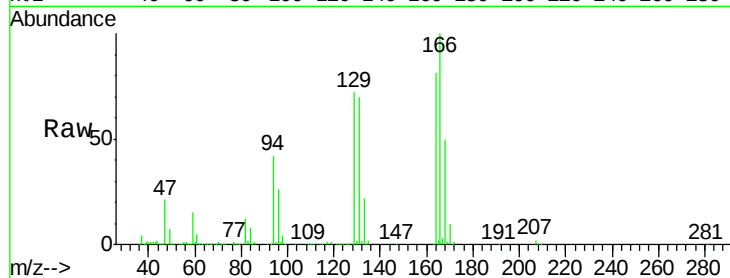
Ion Ratio Lower Upper

164 100

166 124.2 99.4 149.0

129 89.7 71.8 107.6

131 87.2 69.8 104.6

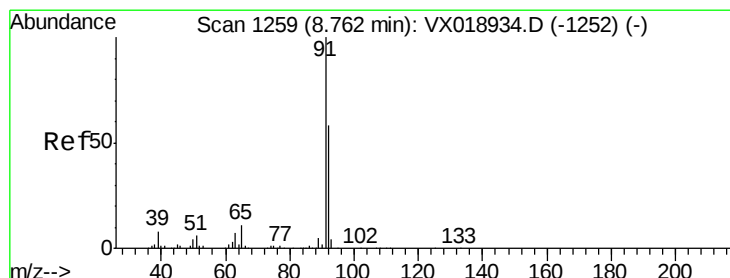
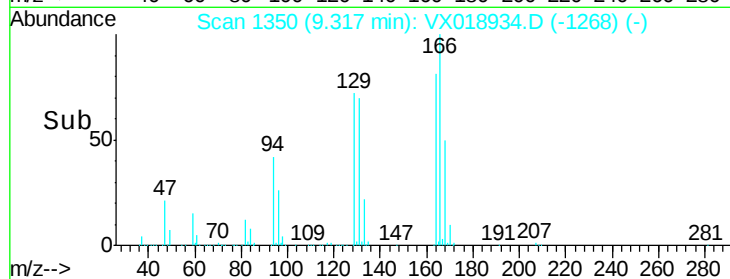
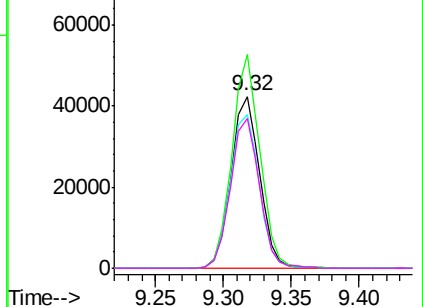


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.742 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018934.D

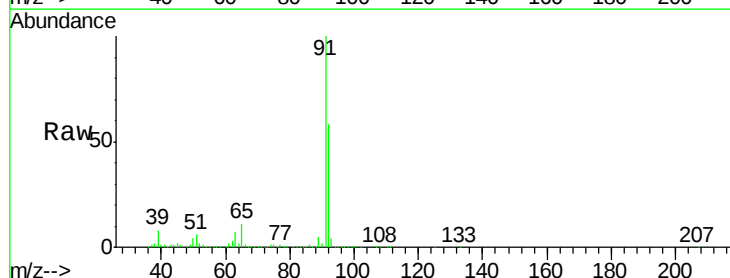
Acq: 15 Oct 2020 14:02

Tgt Ion: 91 Resp: 268969

Ion Ratio Lower Upper

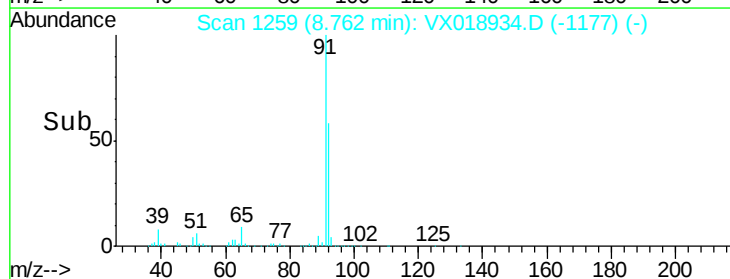
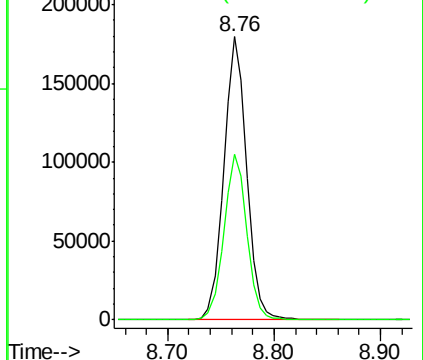
91 100

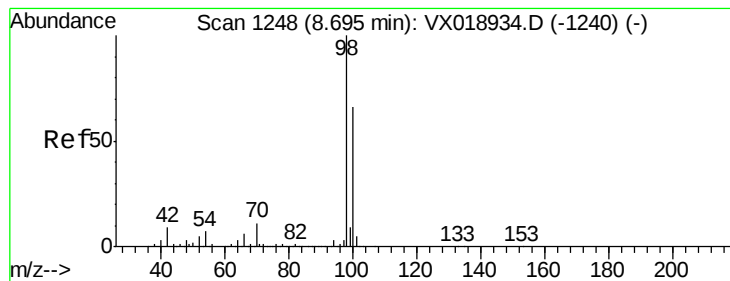
92 58.9 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.149 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

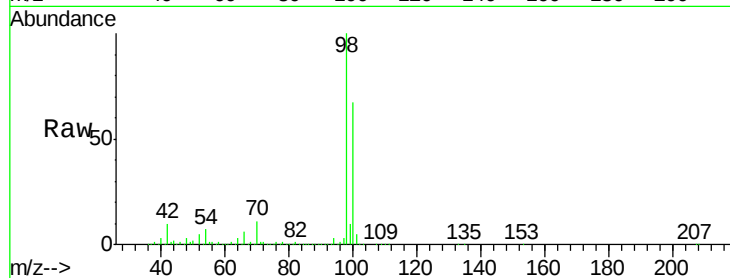
VSTDICCC020

Tgt Ion: 98 Resp: 361185

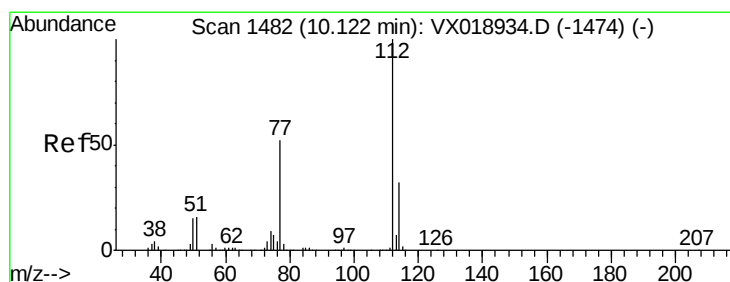
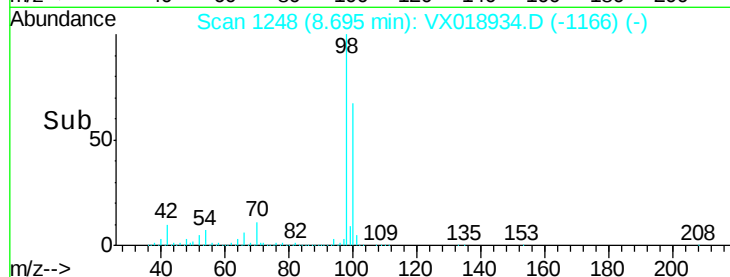
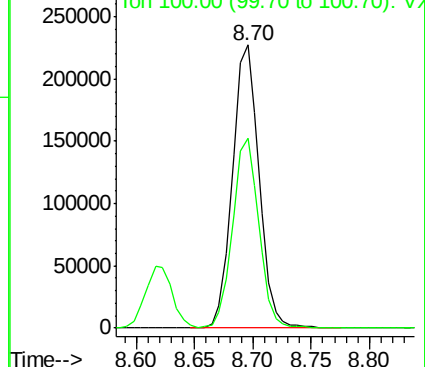
Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX018934.D (-1240) (-)



#64

Chlorobenzene

Concen: 19.029 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018934.D

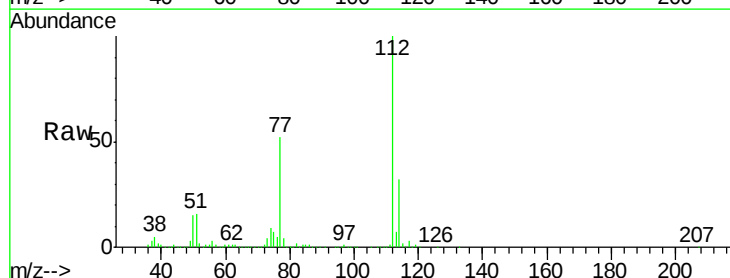
Acq: 15 Oct 2020 14:02

Tgt Ion: 112 Resp: 175821

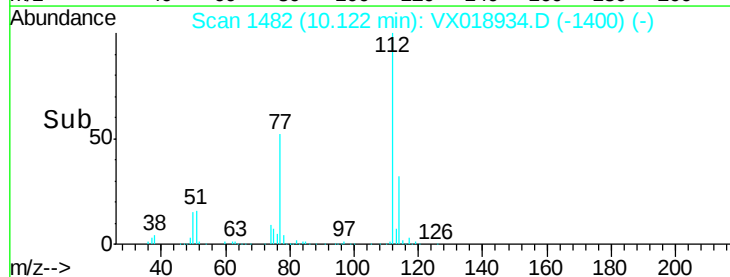
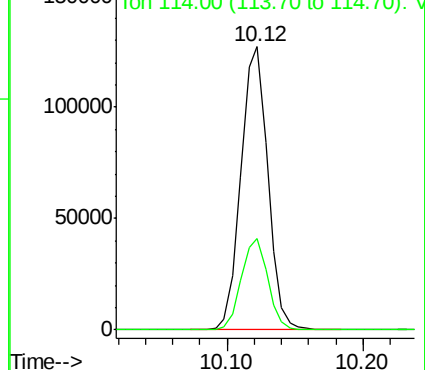
Ion Ratio Lower Upper

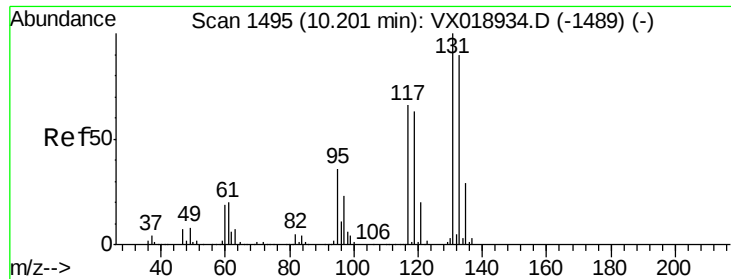
112 100

114 32.1 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): VX018934.D (-1474) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 18.157 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

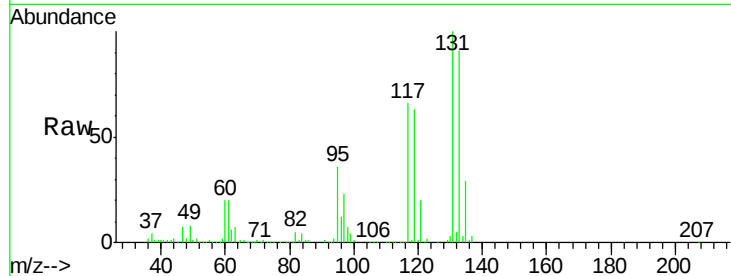
Tgt Ion:131 Resp: 67536

Ion Ratio Lower Upper

131 100

133 94.4 0.0 188.8

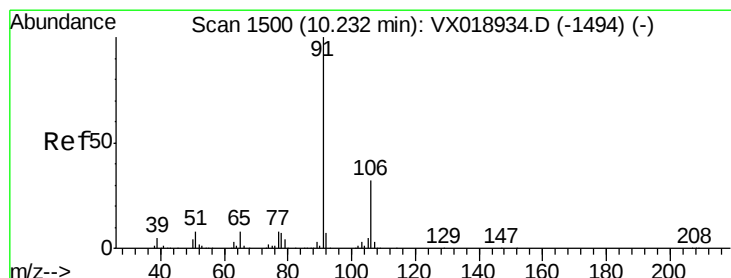
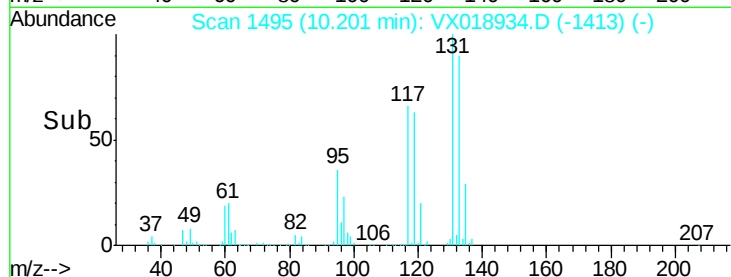
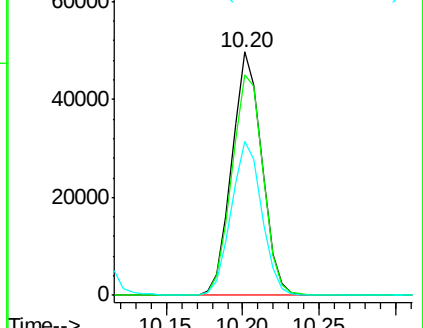
119 63.6 0.0 127.2



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: 19.183 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018934.D

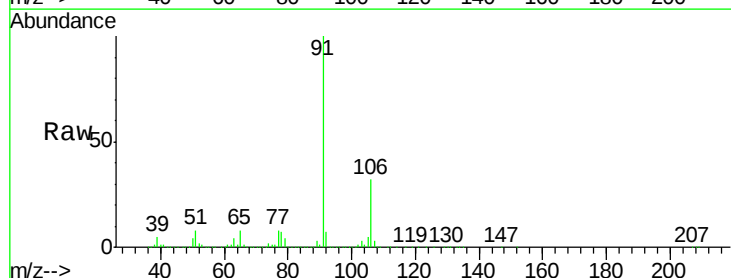
Acq: 15 Oct 2020 14:02

Tgt Ion: 91 Resp: 306959

Ion Ratio Lower Upper

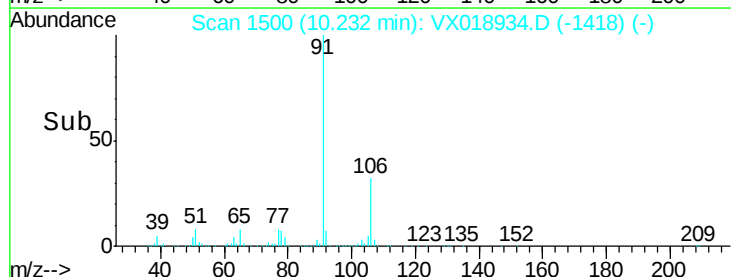
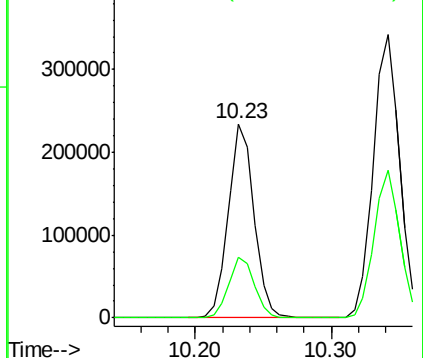
91 100

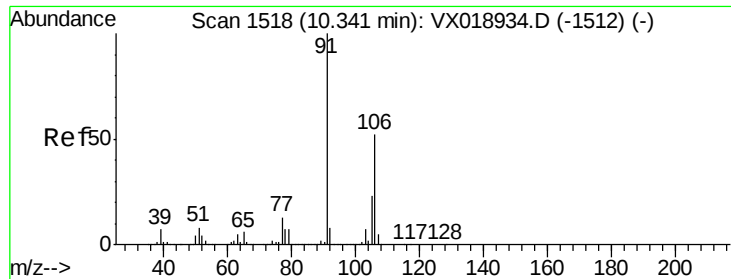
106 31.6 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.819 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

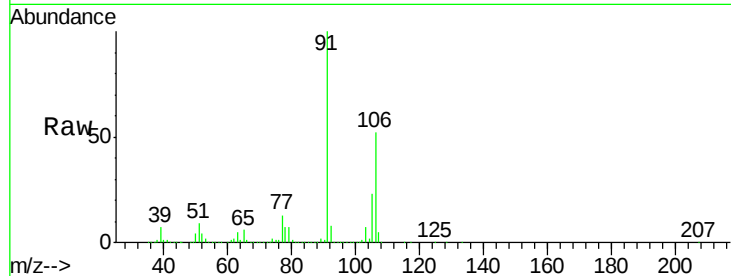
VSTDICCC020

Tgt Ion:106 Resp: 237743

Ion Ratio Lower Upper

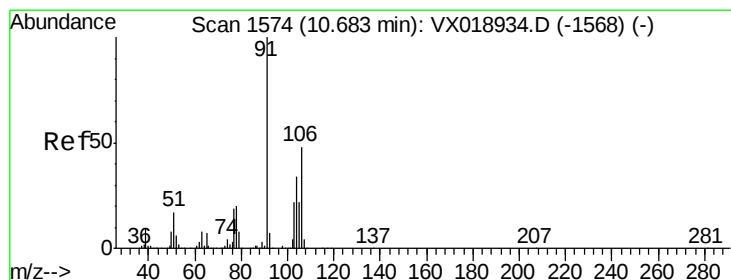
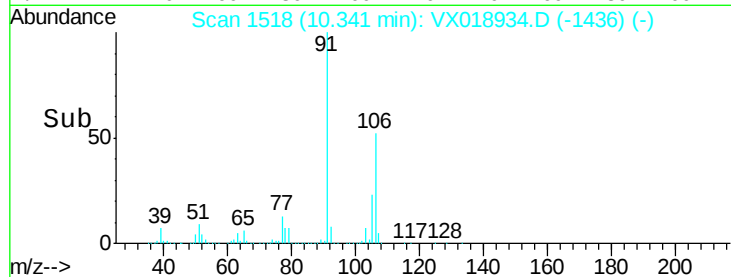
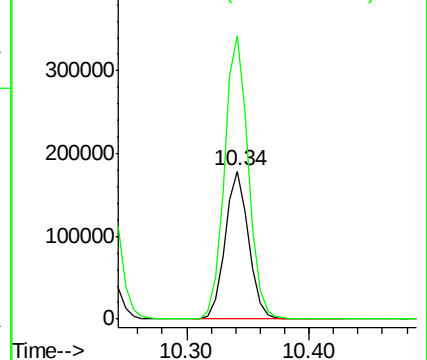
106 100

91 194.6 155.7 233.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.357 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018934.D

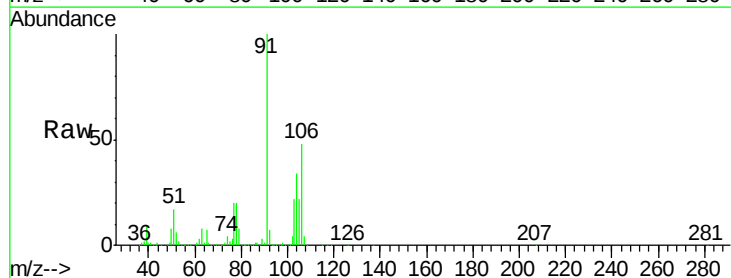
Acq: 15 Oct 2020 14:02

Tgt Ion:106 Resp: 112738

Ion Ratio Lower Upper

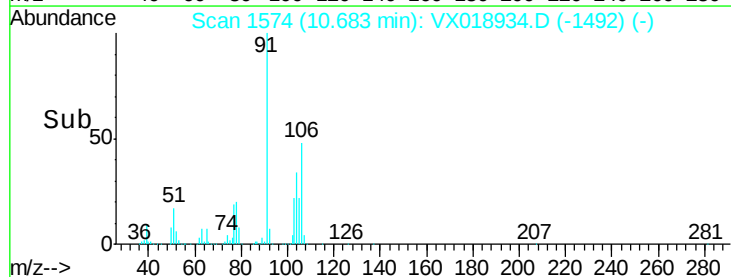
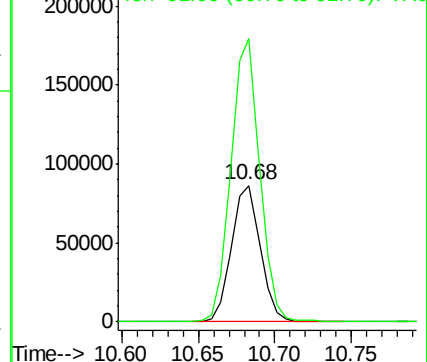
106 100

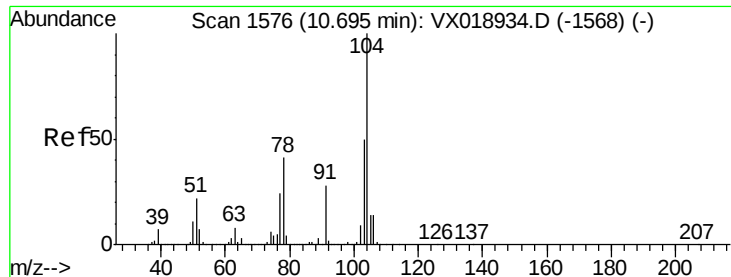
91 206.6 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

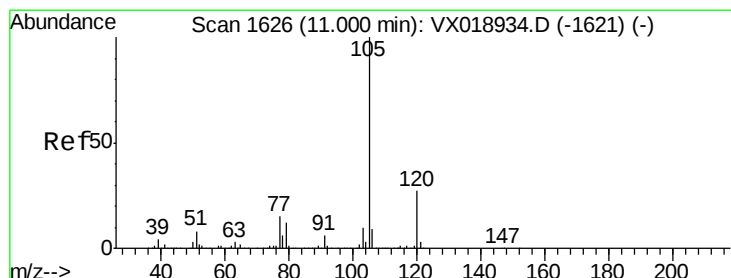
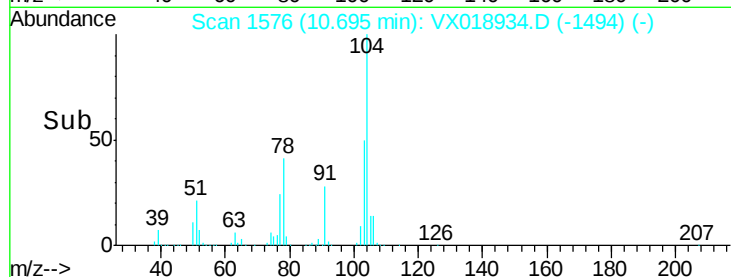
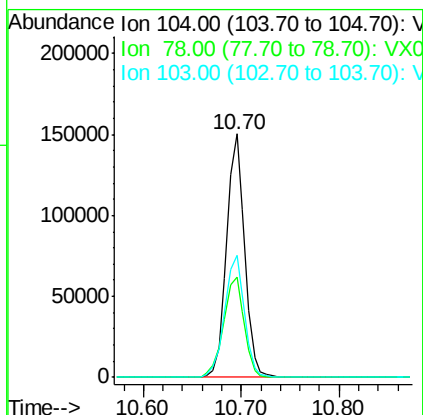
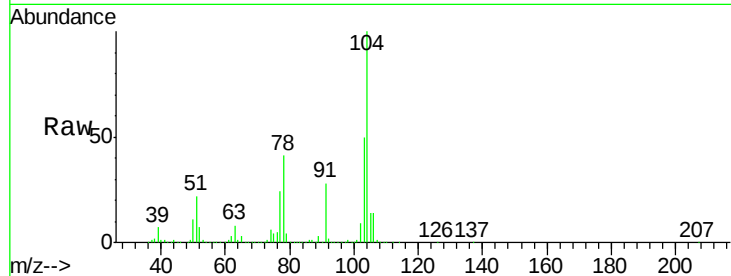




#69
Styrene
Concen: 19.092 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

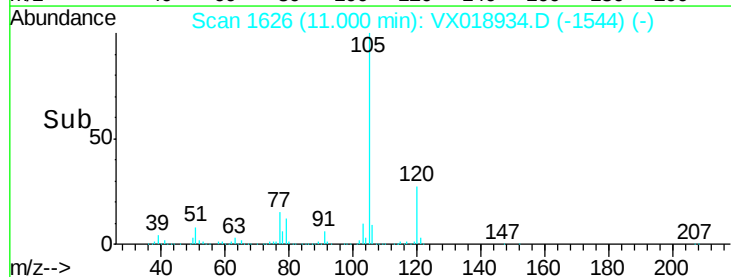
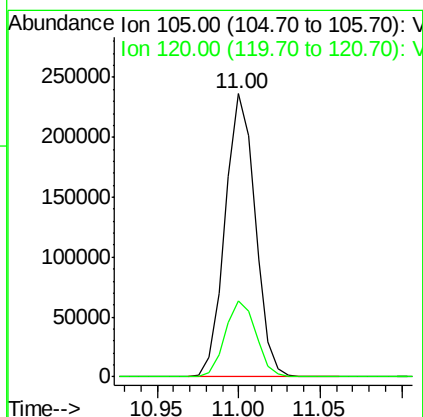
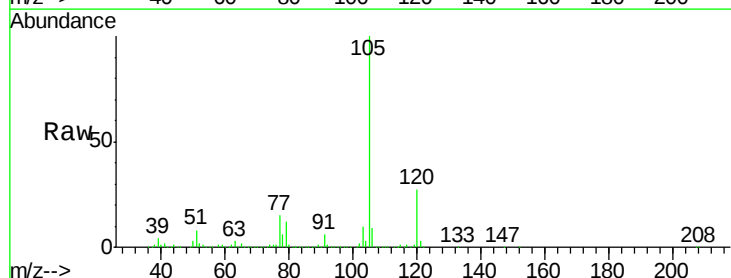
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

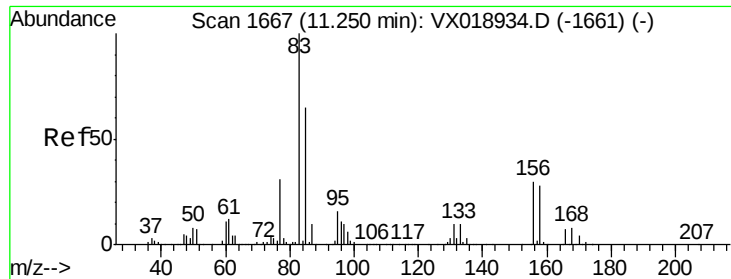
Tgt Ion:104 Resp: 192573
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.1 44.1 66.1



#70
Isopropylbenzene
Concen: 18.906 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion:105 Resp: 302888
Ion Ratio Lower Upper
105 100
120 27.7 19.4 36.0





#71

1,1,2,2-Tetrachloroethane

Concen: 17.616 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

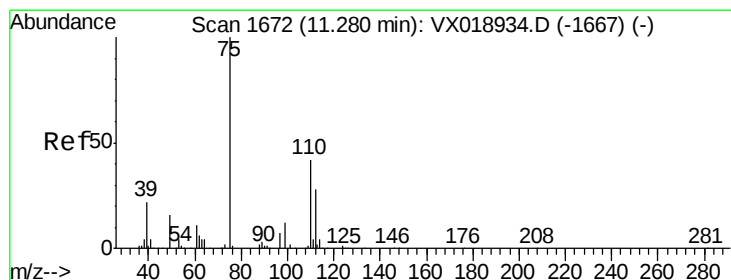
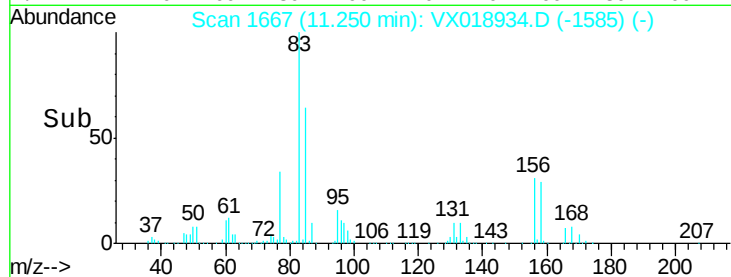
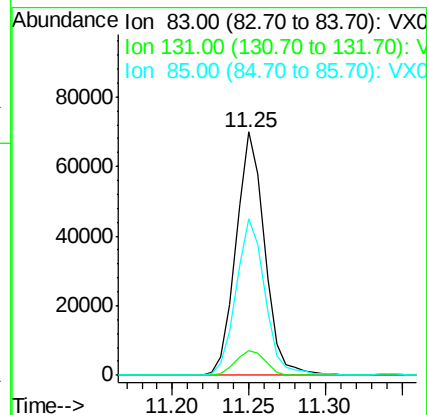
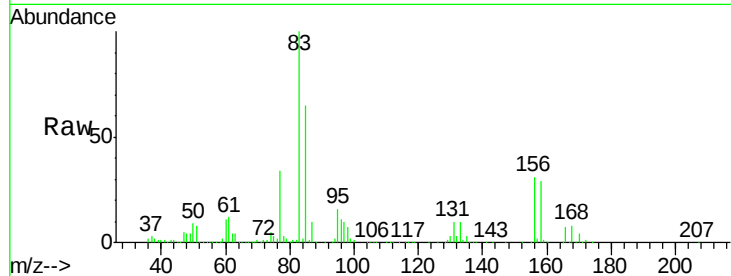
Tgt Ion: 83 Resp: 90512

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 64.5 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 22.686 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018934.D

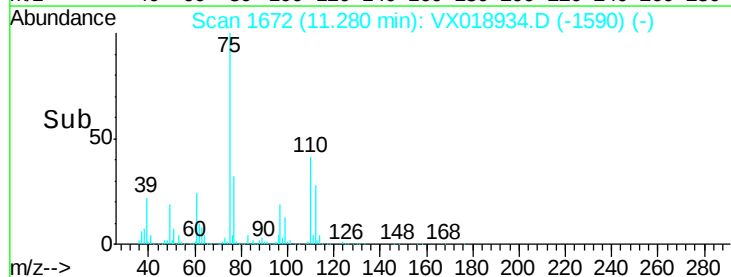
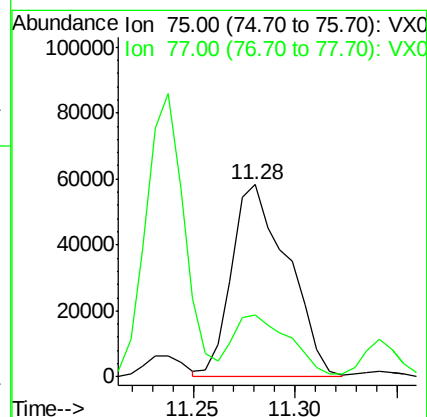
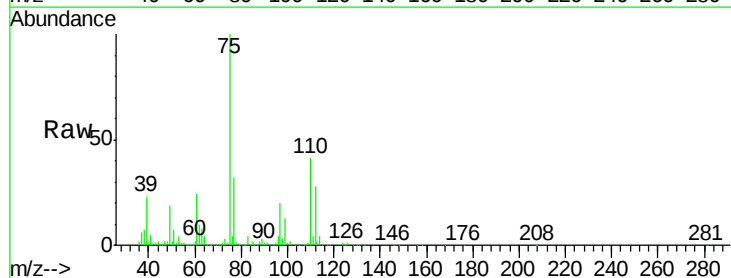
Acq: 15 Oct 2020 14:02

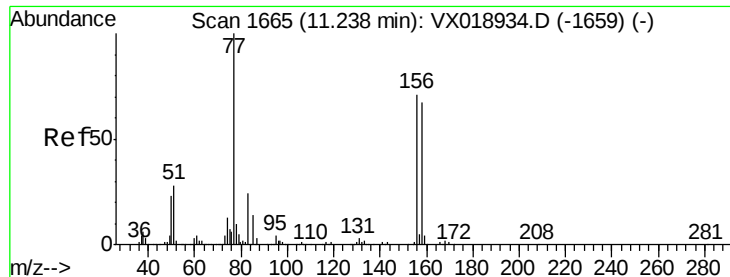
Tgt Ion: 75 Resp: 111714

Ion Ratio Lower Upper

75 100

77 29.5 0.0 75.8





#73

Bromobenzene

Concen: 17.941 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

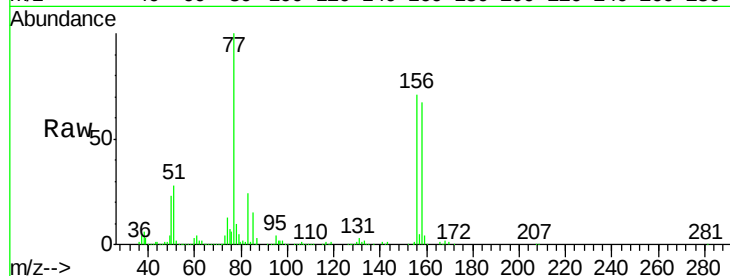
Tgt Ion:156 Resp: 77698

Ion Ratio Lower Upper

156 100

77 144.1 0.0 288.2

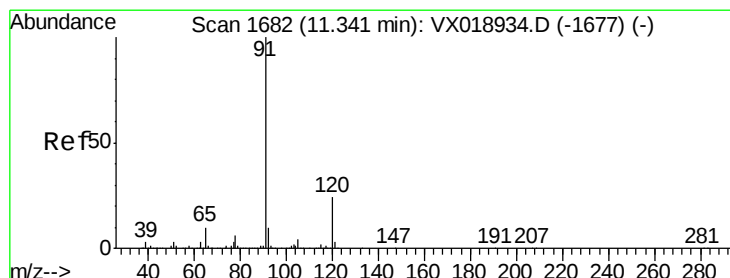
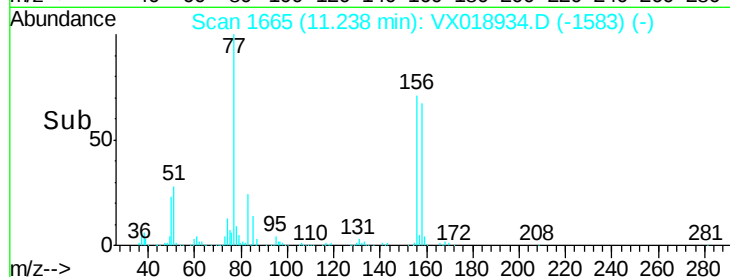
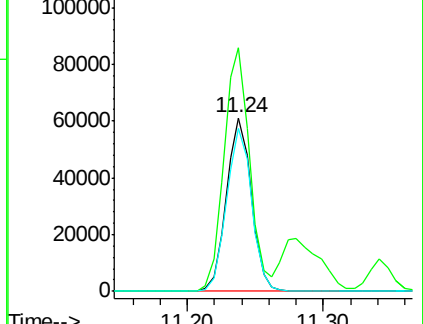
158 94.6 0.0 189.2



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: 18.414 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018934.D

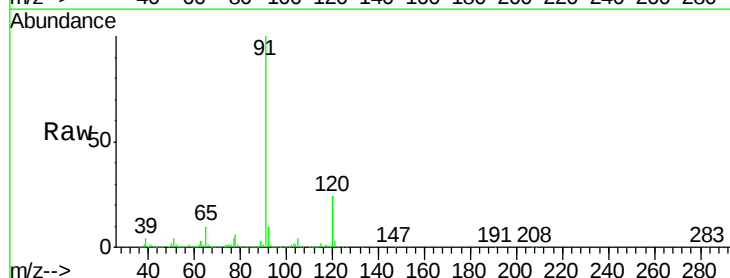
Acq: 15 Oct 2020 14:02

Tgt Ion: 91 Resp: 345383

Ion Ratio Lower Upper

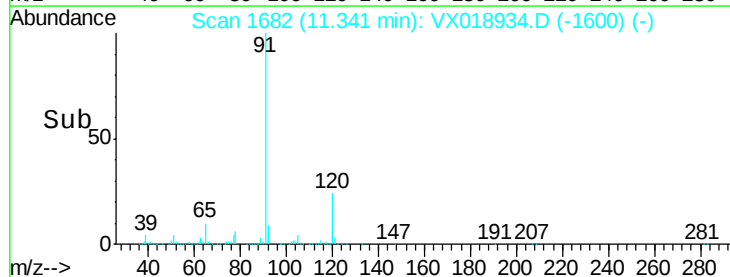
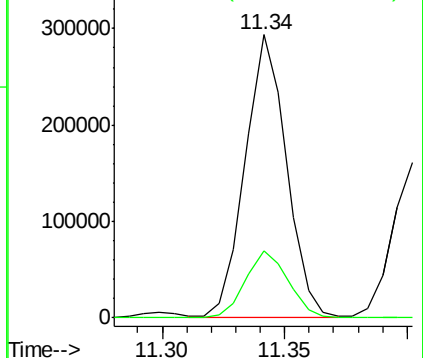
91 100

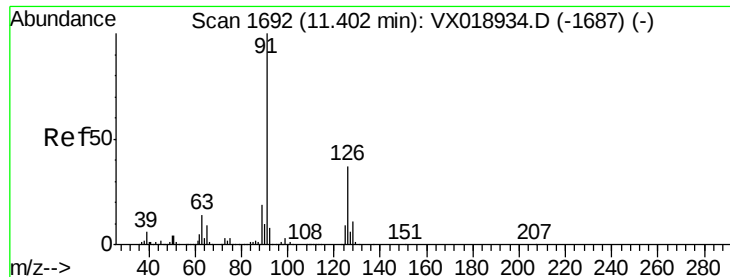
120 24.2 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.702 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

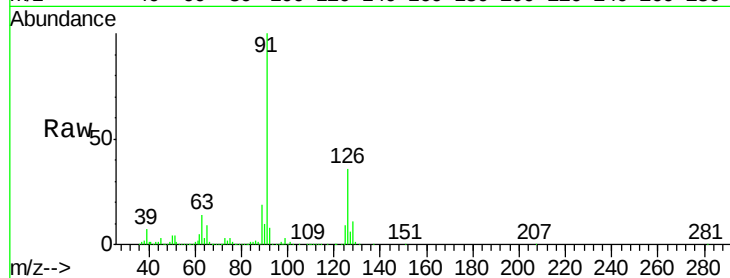
VSTDICCC020

Tgt Ion: 91 Resp: 199160

Ion Ratio Lower Upper

91 100

126 35.4 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX018934.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018934.D (-1687) (-)

300000

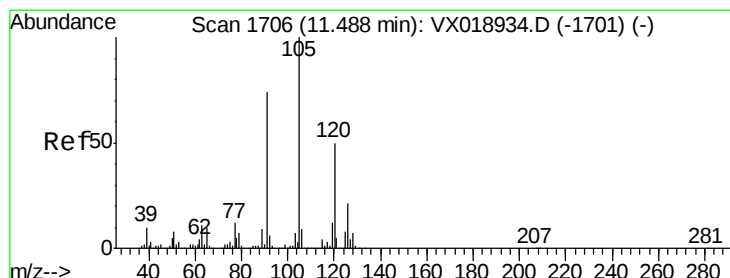
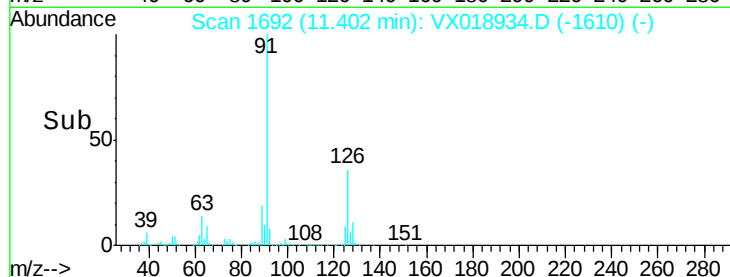
200000

100000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.208 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018934.D

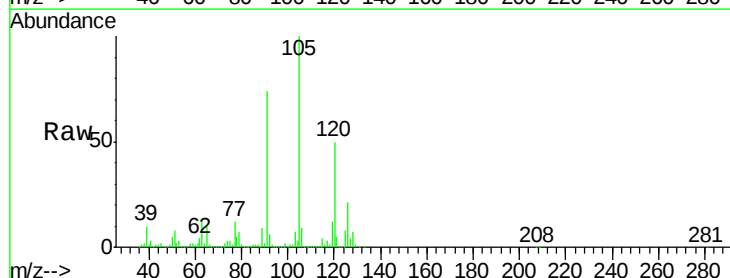
Acq: 15 Oct 2020 14:02

Tgt Ion: 105 Resp: 252368

Ion Ratio Lower Upper

105 100

120 50.8 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018934.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018934.D (-1701) (-)

200000

150000

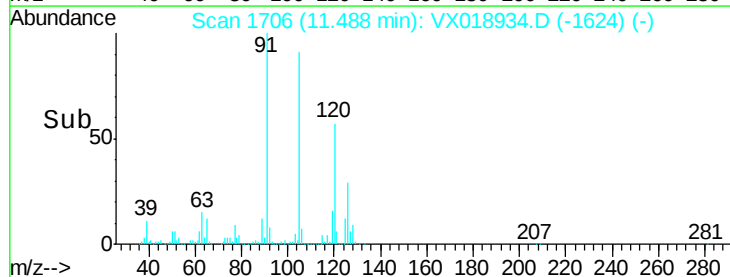
100000

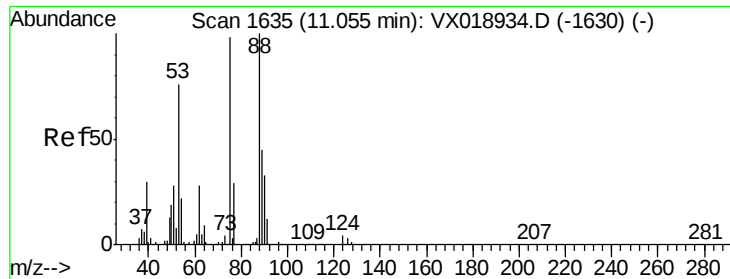
50000

0

11.40 11.50 11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 19.024 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

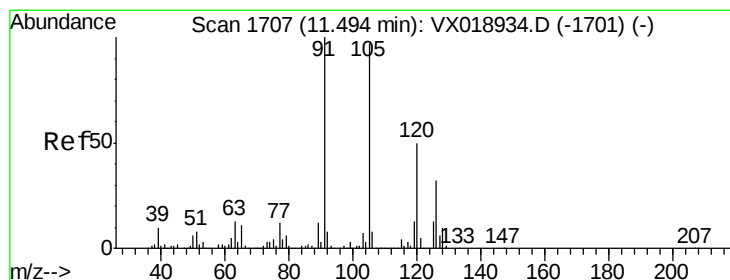
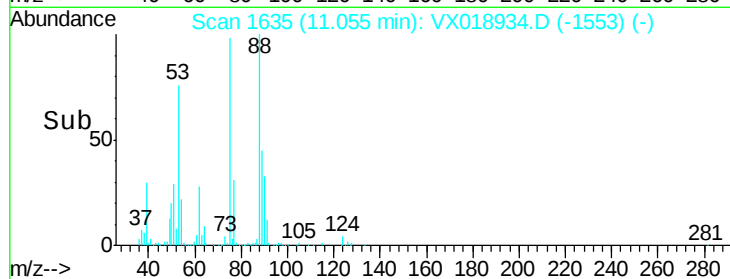
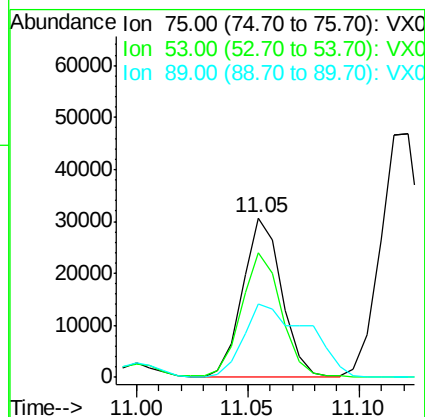
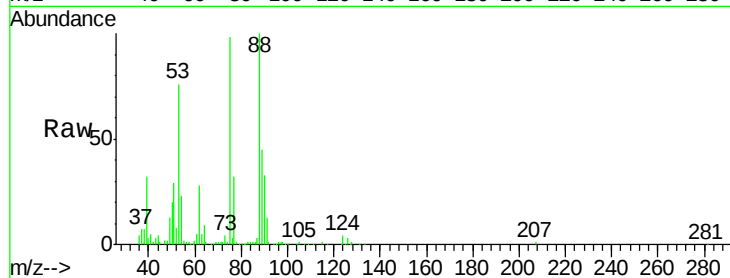
Tgt Ion: 75 Resp: 37549

Ion Ratio Lower Upper

75 100

53 77.5 38.8 116.3

89 45.9 22.9 68.8



#78

4-Chlorotoluene

Concen: 17.371 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018934.D

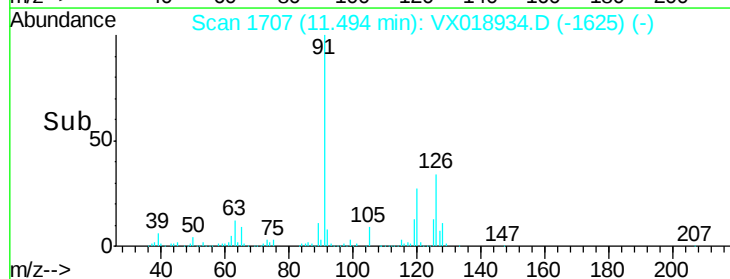
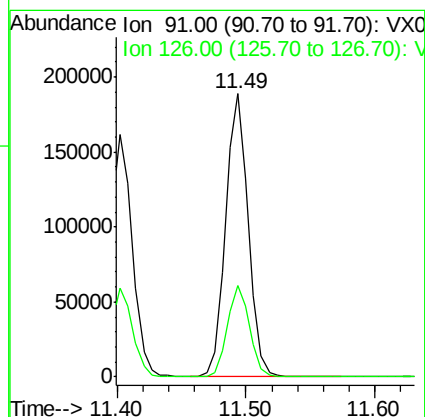
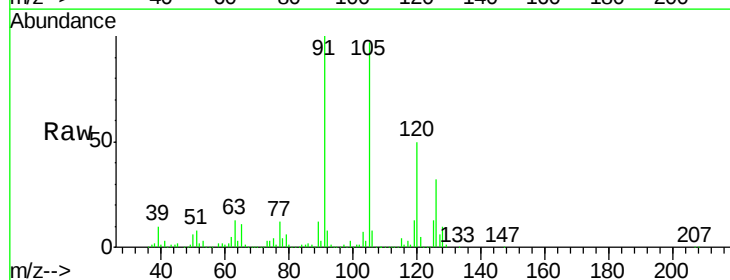
Acq: 15 Oct 2020 14:02

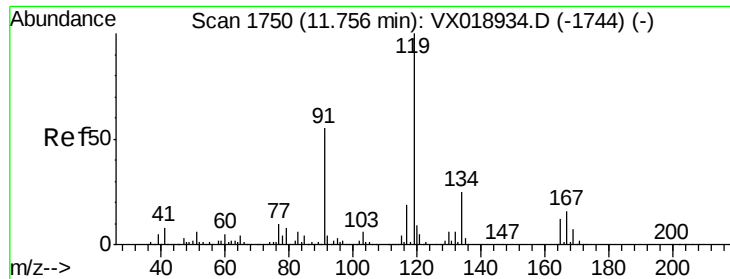
Tgt Ion: 91 Resp: 232528

Ion Ratio Lower Upper

91 100

126 31.8 0.0 63.6

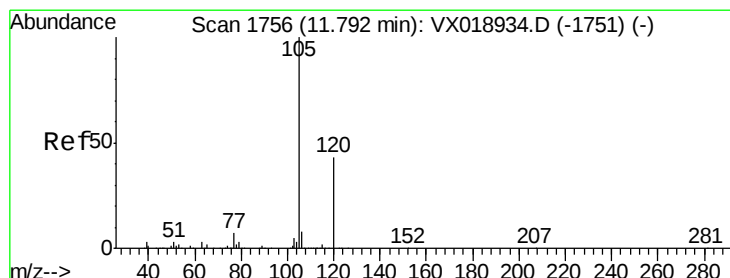
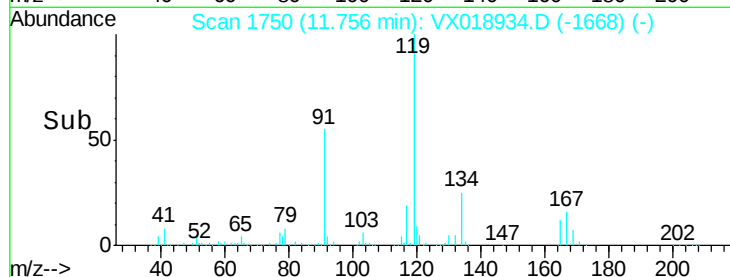
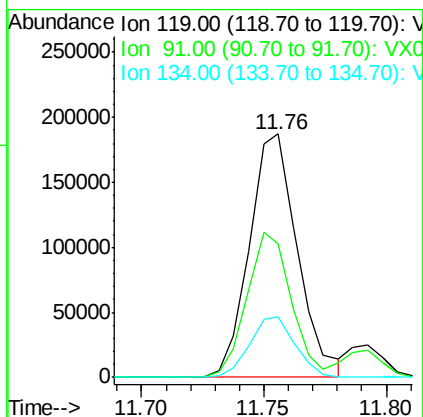
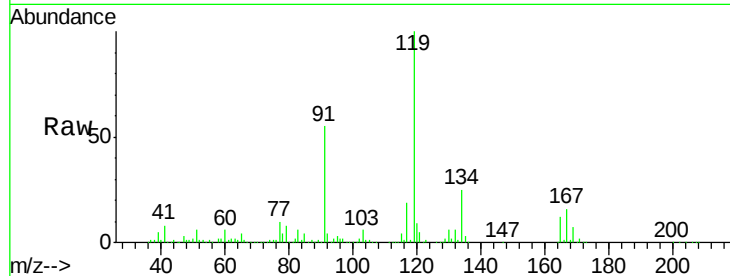




#79
tert-butylbenzene
Concen: 18.934 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

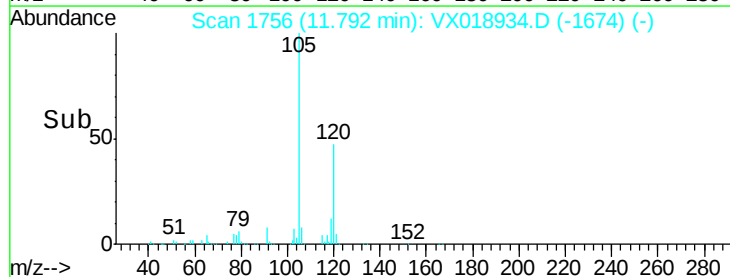
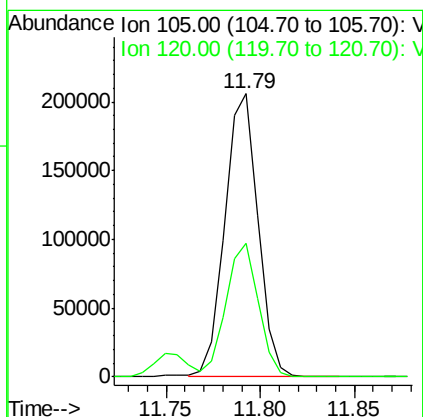
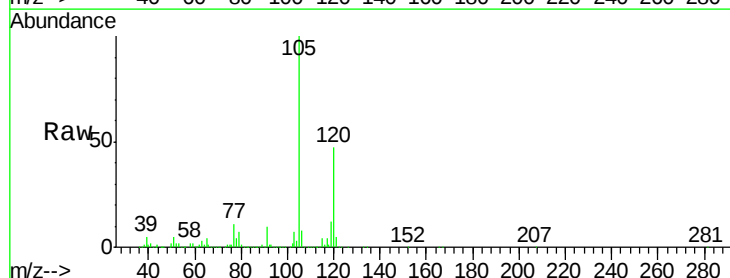
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

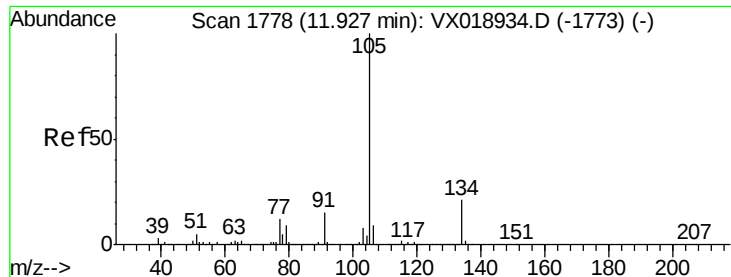
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.0	0.0	110.0
134	23.7	0.0	47.4



#80
1,2,4-Trimethylbenzene
Concen: 18.261 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	0.0	93.0

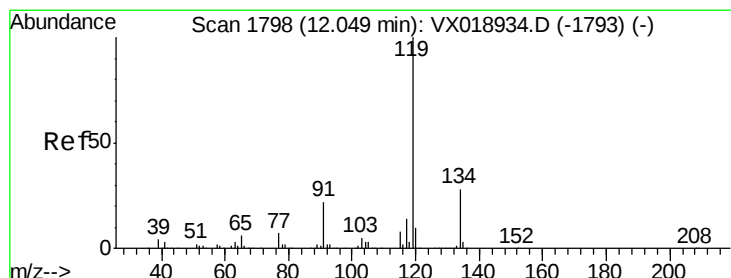
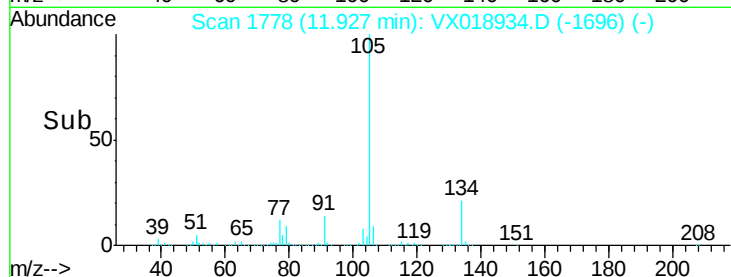
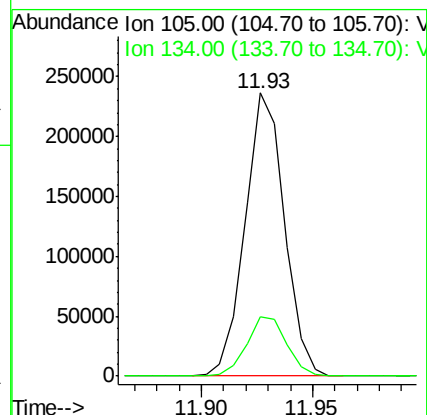
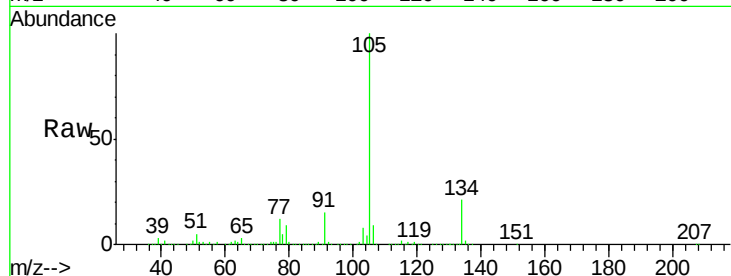




#81
 sec-Butylbenzene
 Concen: 18.542 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

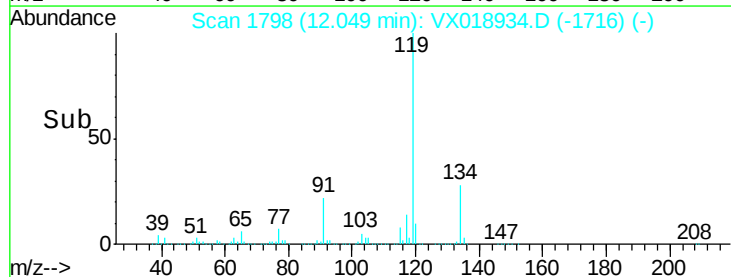
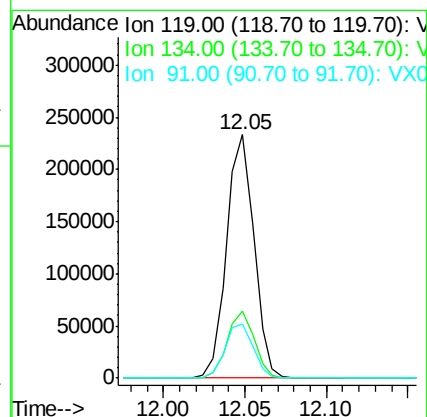
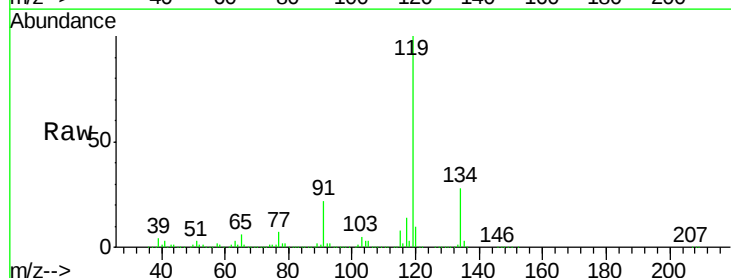
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

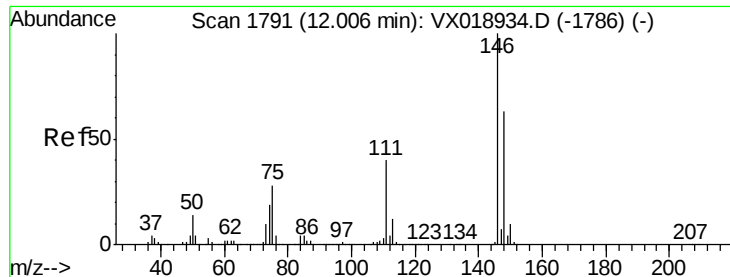
Tgt Ion:105 Resp: 291218
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 42.6



#82
 p-Isopropyltoluene
 Concen: 18.597 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion:119 Resp: 272542
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 54.8
 91 22.7 0.0 45.4

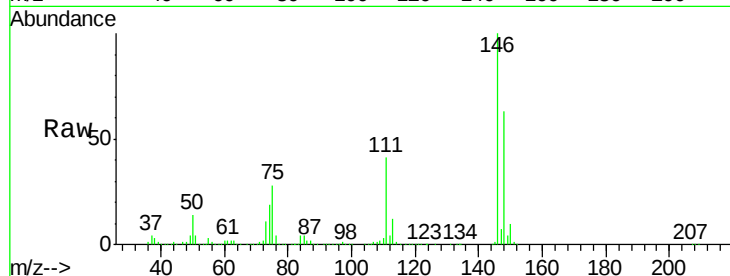




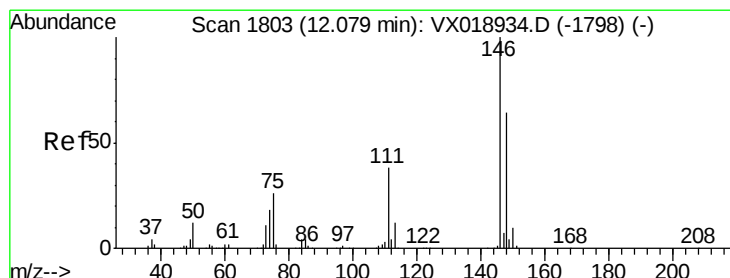
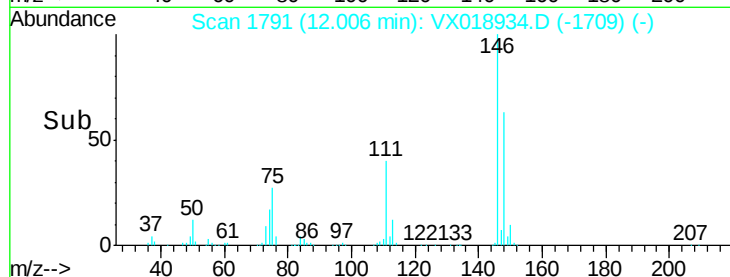
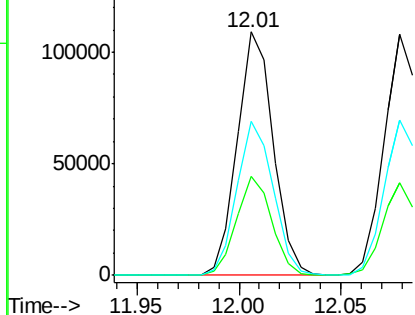
#83
 1,3-Dichlorobenzene
 Concen: 17.428 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion:146 Resp: 133932
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 63.7 31.9 95.5

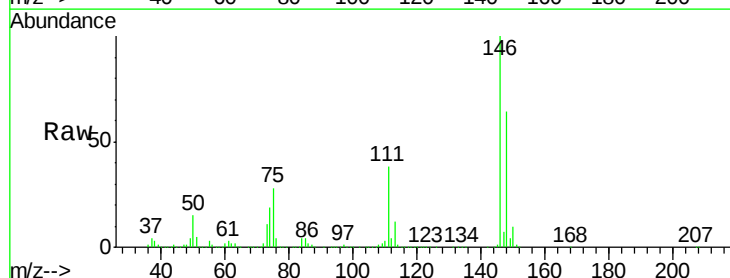


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

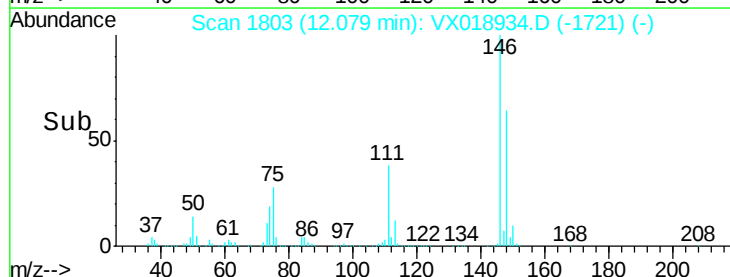
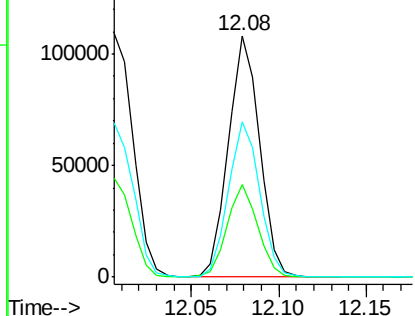


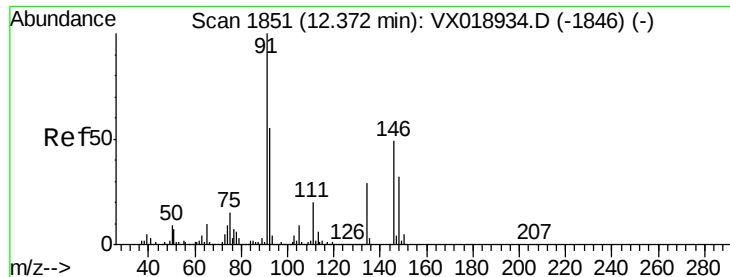
#84
 1,4-Dichlorobenzene
 Concen: 17.562 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion:146 Resp: 134994
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.3 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

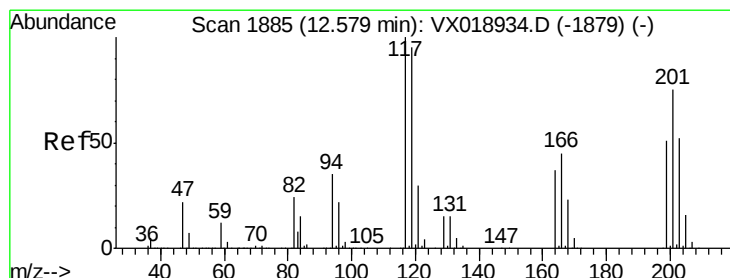
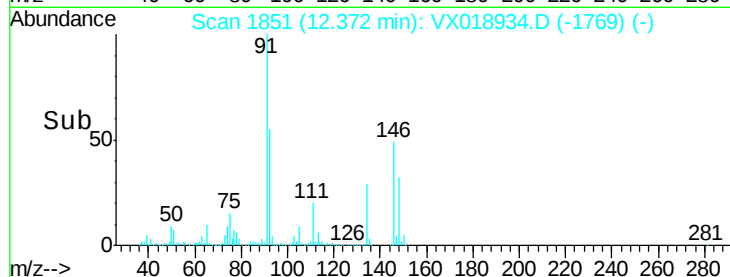
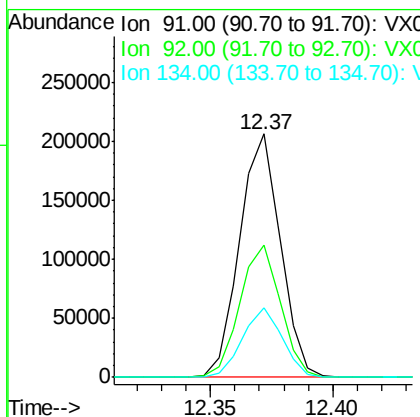
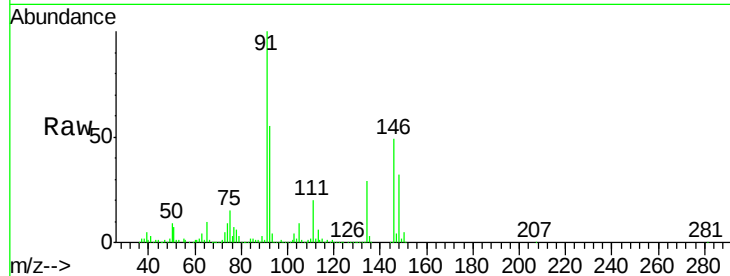




#85
n-Butylbenzene
Concen: 18.445 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

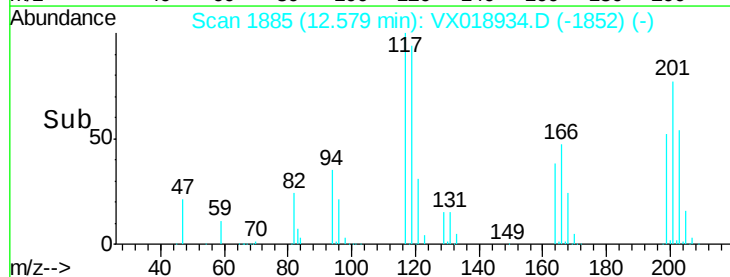
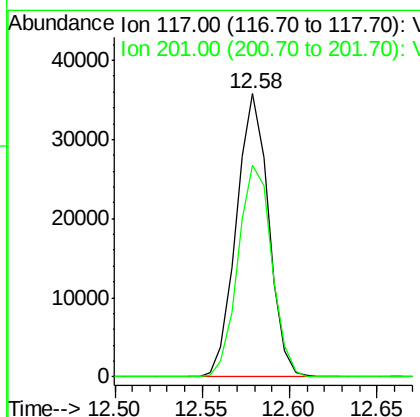
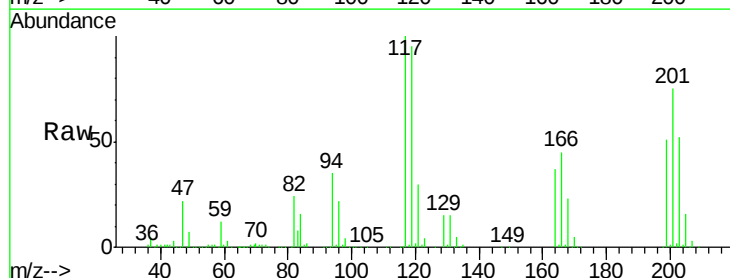
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

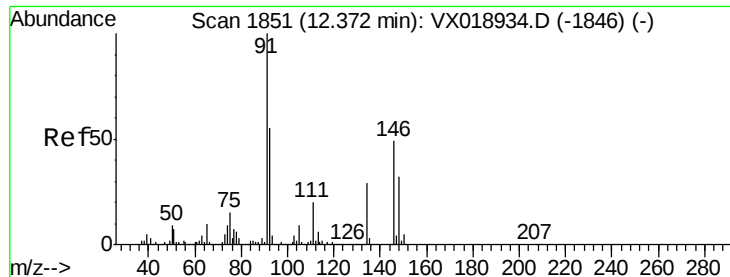
Tgt Ion: 91 Resp: 238559
Ion Ratio Lower Upper
91 100
92 54.8 0.0 109.6
134 28.2 0.0 56.4



#86
Hexachloroethane
Concen: 16.330 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018934.D
Acq: 15 Oct 2020 14:02

Tgt Ion: 117 Resp: 45913
Ion Ratio Lower Upper
117 100
201 77.7 38.9 116.6

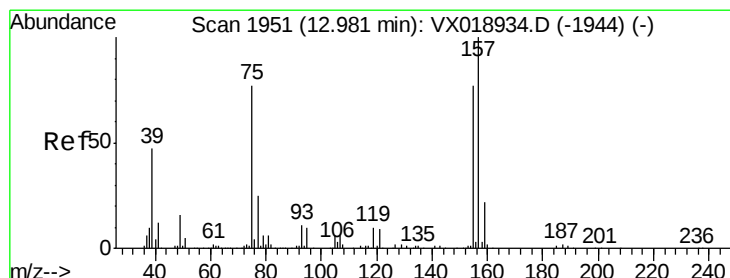
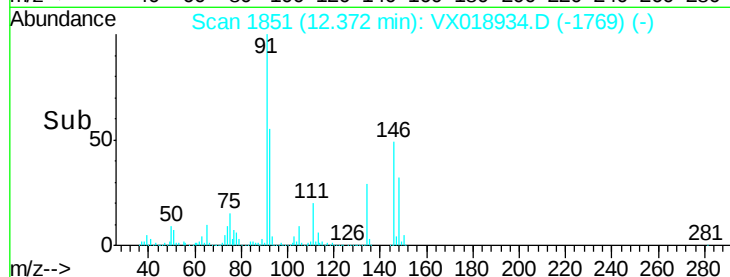
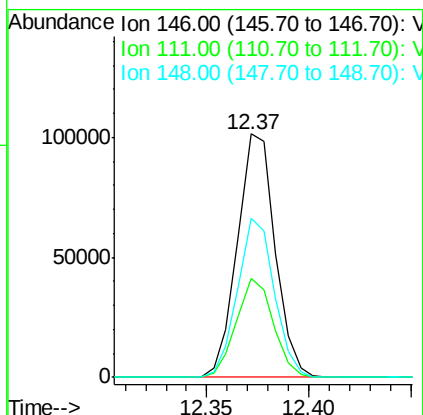
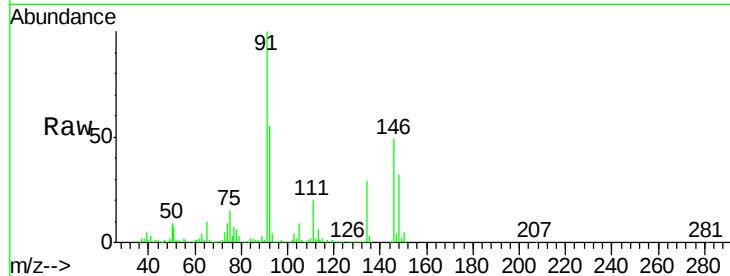




#87
 1,2-Dichlorobenzene
 Concen: 17.932 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

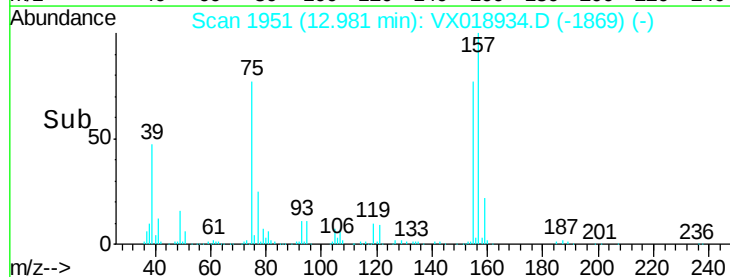
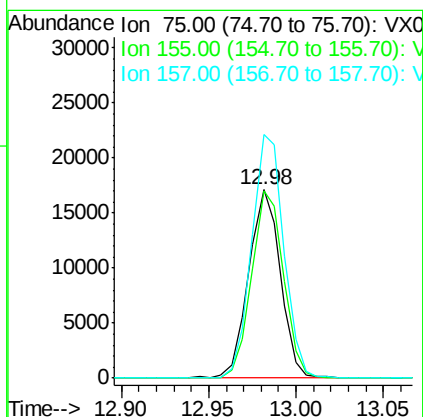
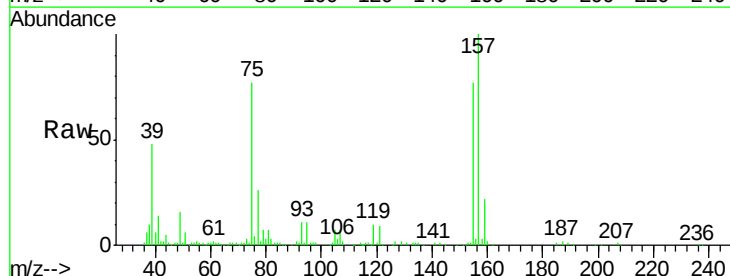
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

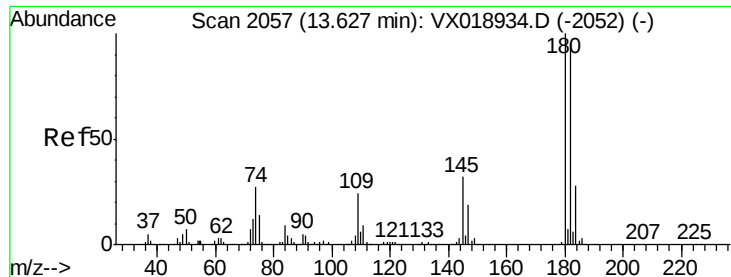
Tgt Ion:146 Resp: 130082
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 63.8 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.455 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018934.D
 Acq: 15 Oct 2020 14:02

Tgt Ion: 75 Resp: 21644
 Ion Ratio Lower Upper
 75 100
 155 99.1 79.3 118.9
 157 130.3 104.2 156.4





#89

1,2,4-Trichlorobenzene

Concen: 18.347 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

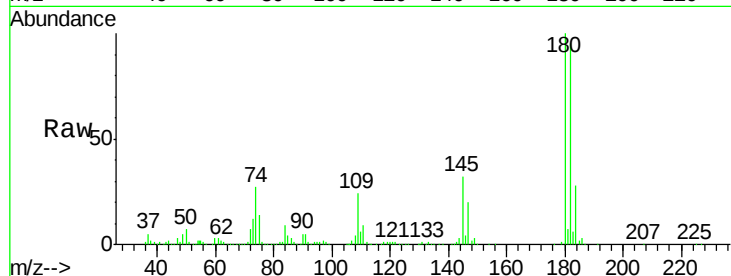
Tgt Ion:180 Resp: 91379

Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

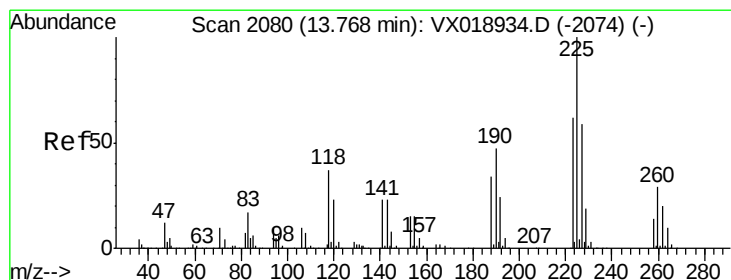
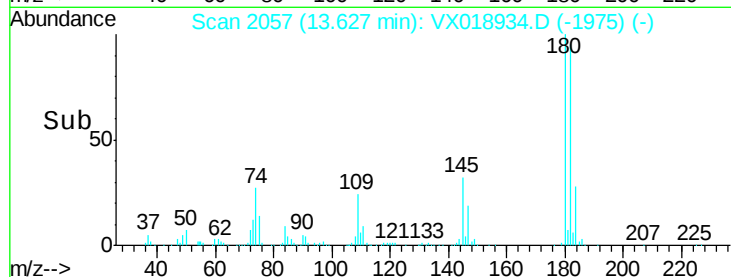
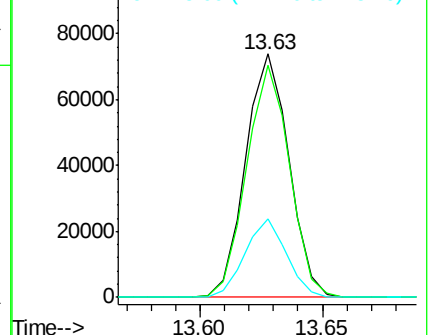
145 31.0 24.8 37.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 18.531 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

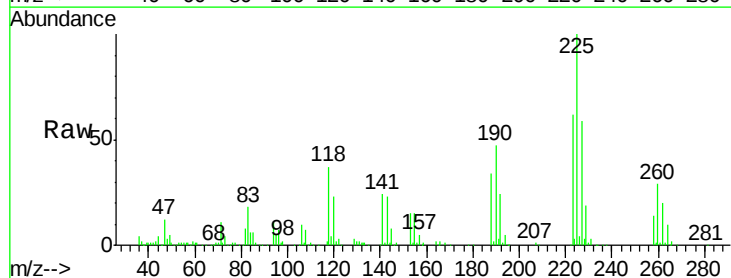
Tgt Ion:225 Resp: 38554

Ion Ratio Lower Upper

225 100

223 64.4 0.0 128.8

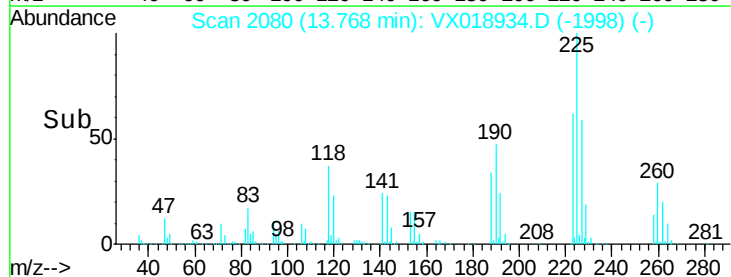
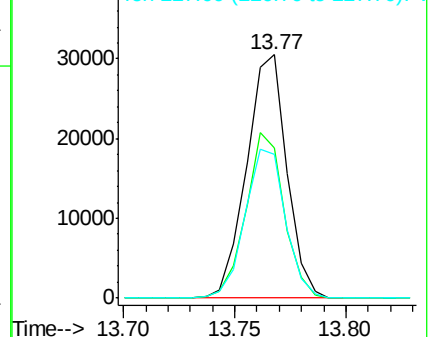
227 61.6 0.0 123.2

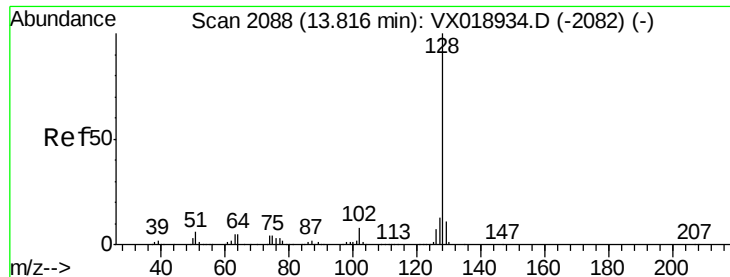


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.358 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

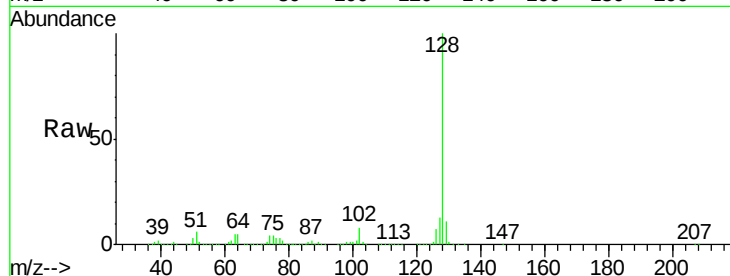
Tgt Ion:128 Resp: 304636

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

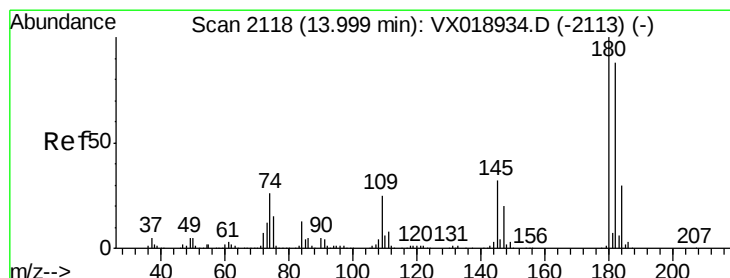
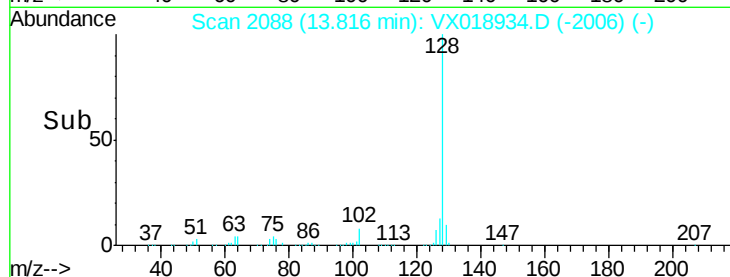
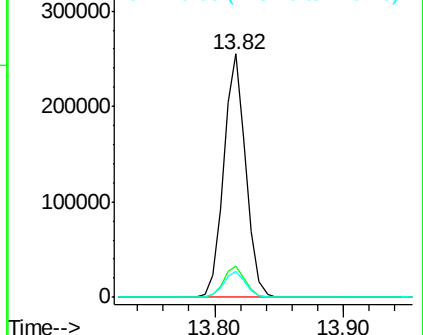
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.367 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018934.D

Acq: 15 Oct 2020 14:02

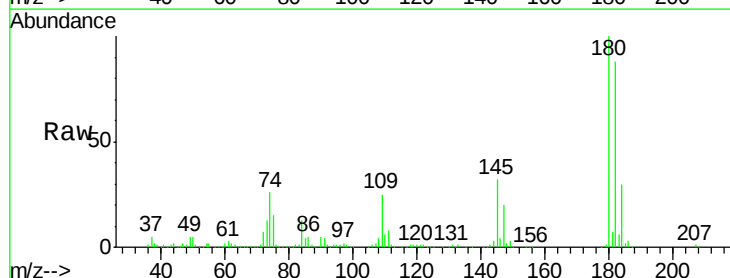
Tgt Ion:180 Resp: 90417

Ion Ratio Lower Upper

180 100

182 95.4 0.0 190.8

145 32.2 0.0 64.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

