

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
 Data File : VX018401.D
 Acq On : 15 Sep 2020 12:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 16 03:35:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	415558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	630492	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	618040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332209	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	300910	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
35) Dibromofluoromethane	5.46	113	233960	54.49	ug/l	0.00
Spiked Amount			Recovery	=	108.98%	
50) Toluene-d8	8.70	98	794390	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	337123	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	223989	44.271	ug/l	99
3) Chloromethane	1.31	50	217433	40.762	ug/l	98
4) Vinyl Chloride	1.39	62	224903	42.355	ug/l	99
5) Bromomethane	1.62	94	148707	58.063	ug/l	98
6) Chloroethane	1.71	64	135355	47.461	ug/l	97
7) Trichlorofluoromethane	1.92	101	396110	54.708	ug/l	100
8) Diethyl Ether	2.17	74	122423	49.858	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	197623	50.487	ug/l	96
10) Methyl Iodide	2.49	142	218103	51.859	ug/l	96
11) Tert butyl alcohol	3.01	59	252629	225.219	ug/l	98
12) 1,1-Dichloroethene	2.36	96	186510	45.927	ug/l	98
13) Acrolein	2.27	56	108513	233.308	ug/l	97
14) Allyl chloride	2.71	41	351818	48.220	ug/l	96
15) Acrylonitrile	3.11	53	582456	228.912	ug/l	99
16) Acetone	2.42	43	533952	237.528	ug/l	98
17) Carbon Disulfide	2.55	76	497837	40.552	ug/l	99
18) Methyl Acetate	2.75	43	307392	56.666	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	718547	51.593	ug/l	99
20) Methylene Chloride	2.83	84	222911	48.461	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	209248	46.507	ug/l	99
22) Diisopropyl ether	3.82	45	721813	50.125	ug/l	98
23) Vinyl Acetate	3.78	43	3081002	240.447	ug/l	99
24) 1,1-Dichloroethane	3.67	63	400247	48.826	ug/l	97
25) 2-Butanone	4.63	43	825968	223.571	ug/l	99
26) 2,2-Dichloropropane	4.55	77	377526	56.603	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	245167	47.293	ug/l	99
28) Bromochloromethane	4.98	49	191640	48.433	ug/l	99
29) Tetrahydrofuran	5.09	42	515018	218.988	ug/l	98
30) Chloroform	5.17	83	432927	51.005	ug/l	97
31) Cyclohexane	5.55	56	311669	45.136	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	401559	51.552	ug/l	99
36) 1,1-Dichloropropene	5.77	75	304216	52.313	ug/l	100
37) Ethyl Acetate	4.79	43	317965	47.077	ug/l	99
38) Carbon Tetrachloride	5.75	117	369852	56.435	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321359	50.537	ug/l	96
40) Benzene	6.11	78	854546	50.010	ug/l	98
41) Methacrylonitrile	5.00	41	177766	47.935	ug/l	98
42) 1,2-Dichloroethane	6.16	62	361784	55.260	ug/l	97
43) Isopropyl Acetate	6.41	43	531672	48.736	ug/l	100
44) Trichloroethene	7.18	130	245729	50.894	ug/l	97
45) 1,2-Dichloropropane	7.49	63	235599	51.157	ug/l	96
46) Dibromomethane	7.63	93	162591	50.204	ug/l	99
47) Bromodichloromethane	7.87	83	352199	54.465	ug/l	97
48) Methyl methacrylate	7.74	41	268716	49.481	ug/l	97
49) 1,4-Dioxane	7.71	88	101101	1027.740	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1660267	246.378	ug/l	99
52) Toluene	8.76	92	554778	51.201	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	388638	54.227	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	394743	51.994	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	237427	51.378	ug/l	98
56) Ethyl methacrylate	9.16	69	350052	50.955	ug/l	98
57) 1,3-Dichloropropane	9.35	76	394095	51.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	847070	274.100	ug/l	99
59) 2-Hexanone	9.47	43	1273305	248.497	ug/l	100
60) Dibromochloromethane	9.57	129	301657	55.646	ug/l	99
61) 1,2-Dibromoethane	9.65	107	255497	50.926	ug/l	99
64) Tetrachloroethene	9.32	164	237007	52.184	ug/l	93
65) Chlorobenzene	10.12	112	622627	50.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	258445	53.123	ug/l	98
67) Ethyl Benzene	10.23	91	1103675	52.577	ug/l	98
68) m/p-Xylenes	10.34	106	836912	106.817	ug/l	95
69) o-Xylene	10.68	106	399047	52.539	ug/l	98
70) Styrene	10.70	104	705408	54.537	ug/l	98
71) Bromoform	10.84	173	227393	54.798	ug/l	98
73) Isopropylbenzene	11.00	105	1126736	51.419	ug/l	99
74) N-amyl acetate	10.88	43	483356	46.490	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	349566	45.221	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	444212	60.109	ug/l	85
77) Bromobenzene	11.24	156	299762	49.489	ug/l	99
78) n-propylbenzene	11.34	91	1315340	52.865	ug/l	99
79) 2-Chlorotoluene	11.40	91	783661	50.980	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	975126	54.153	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	129689	47.397	ug/l	95
82) 4-Chlorotoluene	11.49	91	945644	51.747	ug/l	100
83) tert-Butylbenzene	11.76	119	943453	53.091	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	986165	53.566	ug/l	99
85) sec-Butylbenzene	11.93	105	1117078	55.277	ug/l	99
86) p-Isopropyltoluene	12.05	119	1054545	56.809	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	542183	50.983	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	538993	50.619	ug/l	98
89) n-Butylbenzene	12.37	91	934227	55.140	ug/l	100
90) Hexachloroethane	12.58	117	202162	55.354	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	497450	49.692	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	88193	45.629	ug/l	95

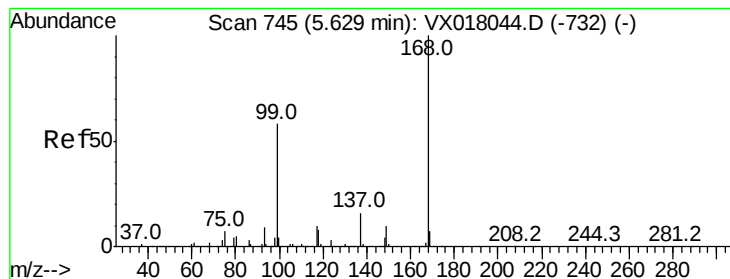
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	353459	52.950	ug/l	98
94) Hexachlorobutadiene	13.76	225	154784	58.786	ug/l	98
95) Naphthalene	13.82	128	1093180	49.760	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	354723	53.779	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

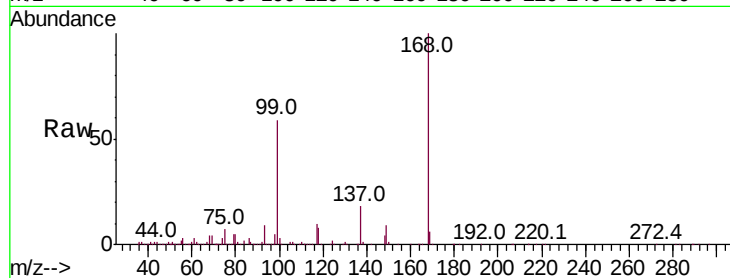
VSTDCCC050

Tot Ion:168 Resp: 415558

Ion Ratio Lower Upper

168 100

99 59.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

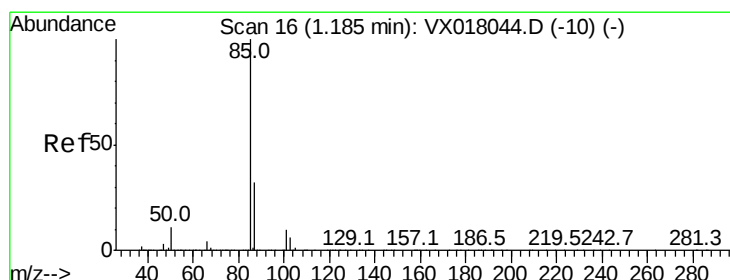
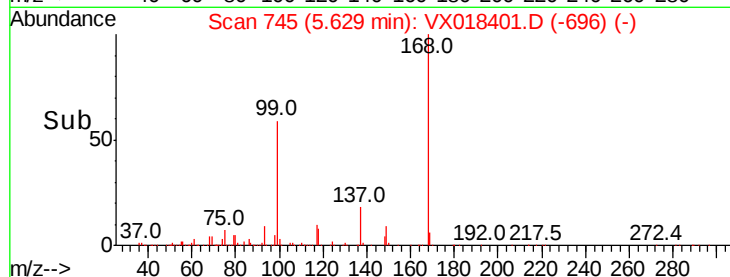
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.271 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018401.D

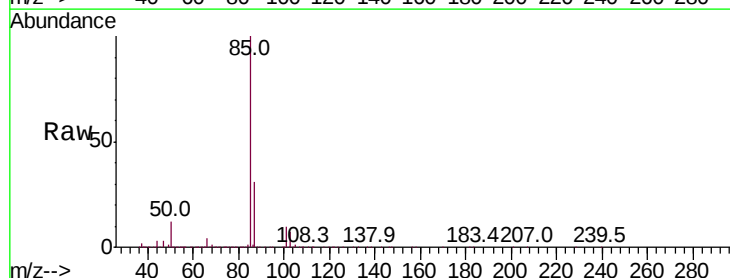
Acq: 15 Sep 2020 12:41

Tgt Ion: 85 Resp: 223989

Ion Ratio Lower Upper

85 100

87 31.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

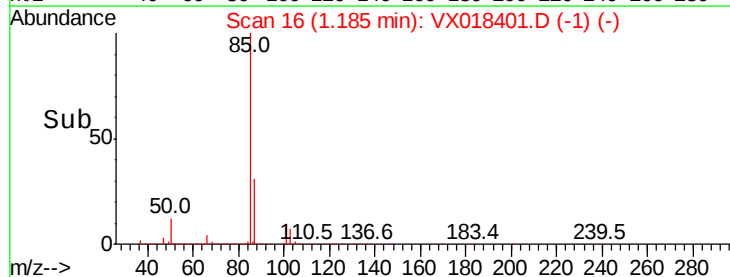
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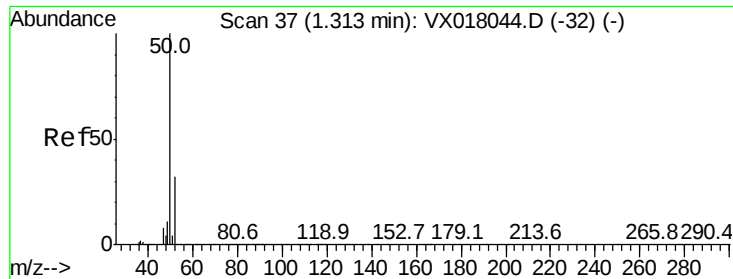
100000

50000

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Time-->





#3

Chloromethane

Concen: 40.762 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

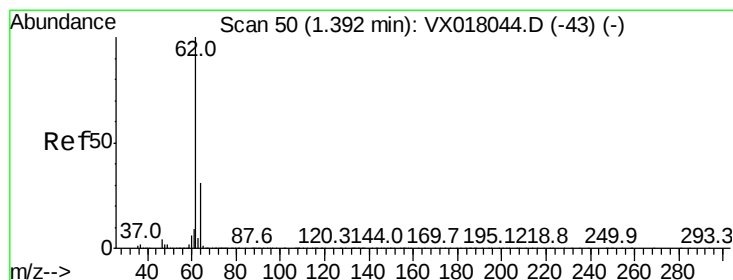
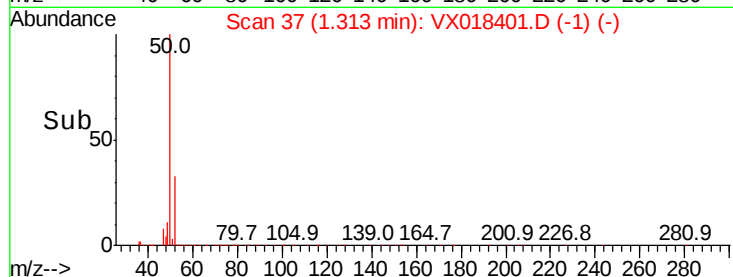
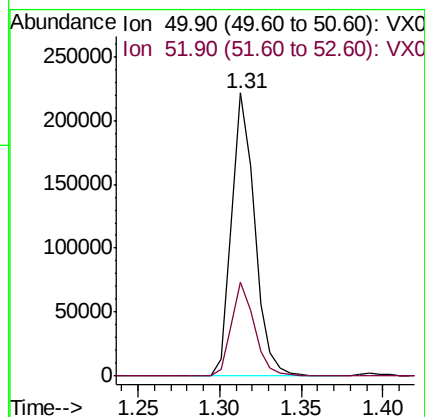
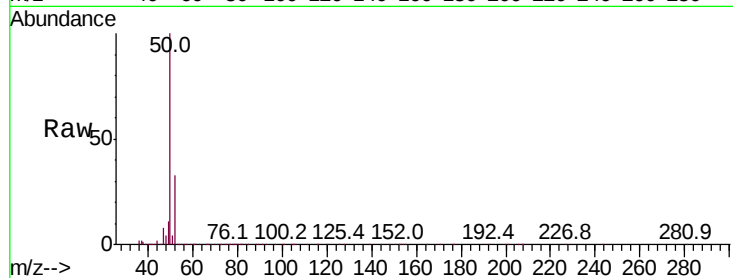
VSTDCCC050

Tot Ion: 50 Resp: 217433

Ion Ratio Lower Upper

50 100

52 33.1 25.4 38.2



#4

Vinyl Chloride

Concen: 42.355 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018401.D

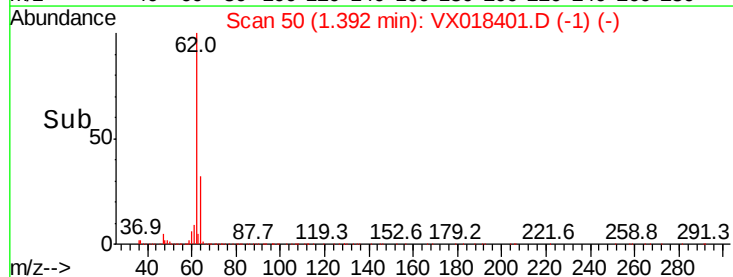
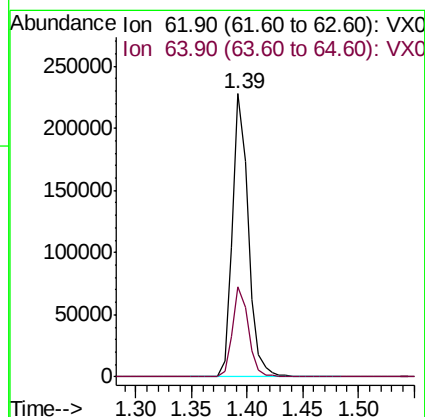
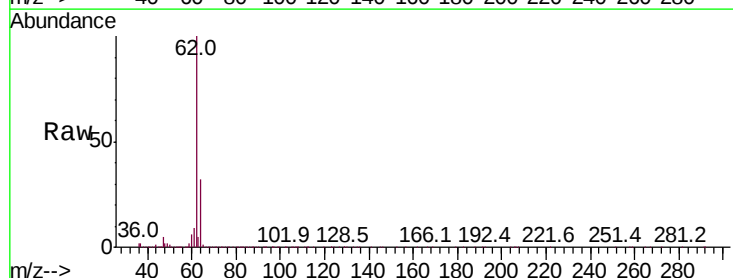
Acq: 15 Sep 2020 12:41

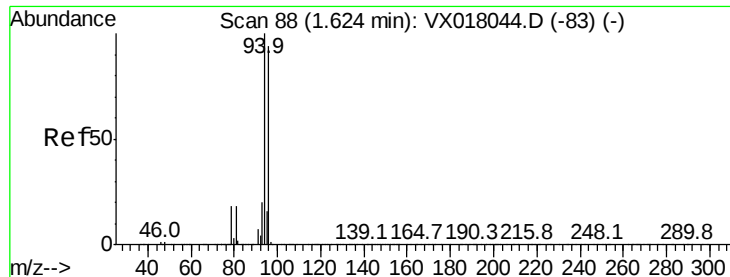
Tgt Ion: 62 Resp: 224903

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 58.063 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

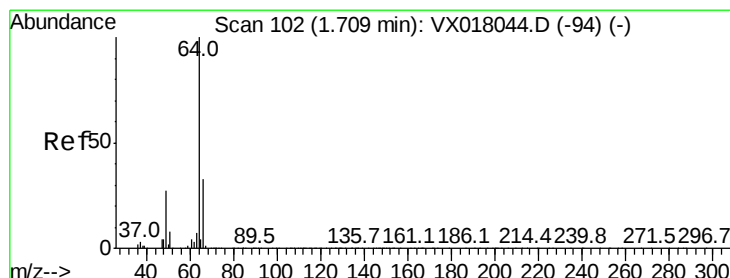
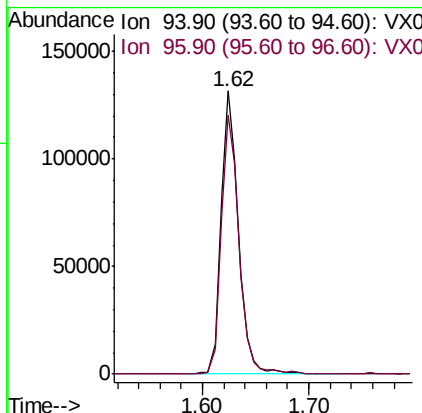
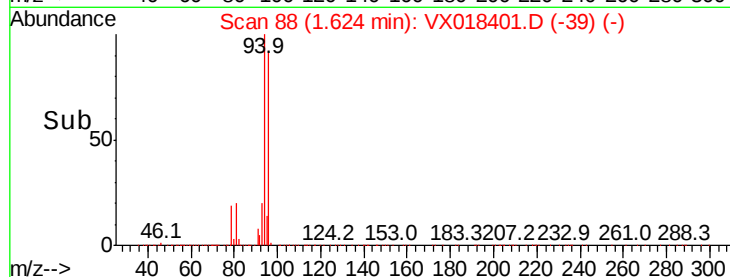
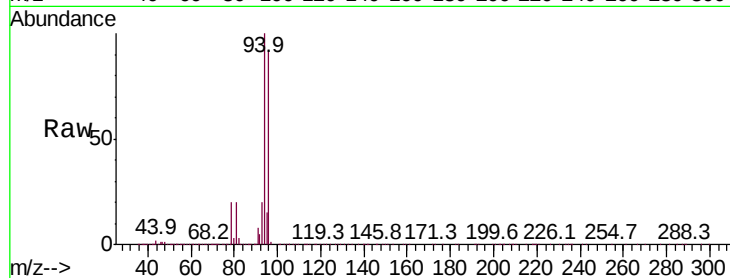
VSTDCCC050

Tot Ion: 94 Resp: 148707

Ion Ratio Lower Upper

94 100

96 91.6 74.8 112.2



#6

Chloroethane

Concen: 47.461 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018401.D

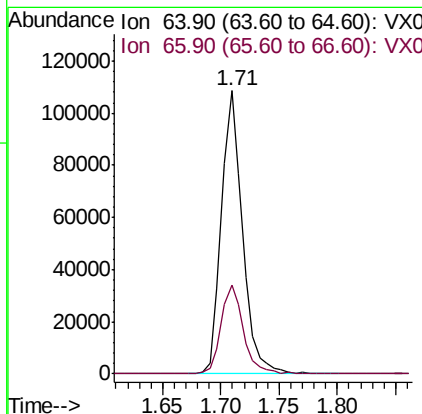
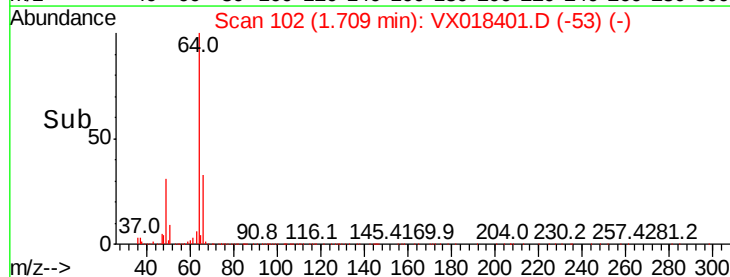
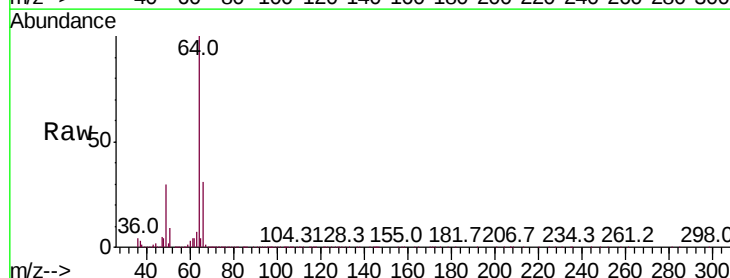
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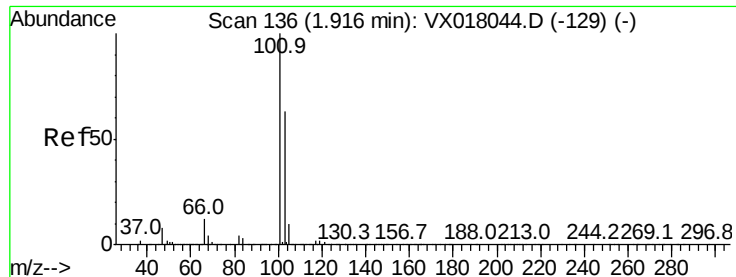
Tgt Ion: 64 Resp: 135355

Ion Ratio Lower Upper

64 100

66 31.4 26.6 39.8



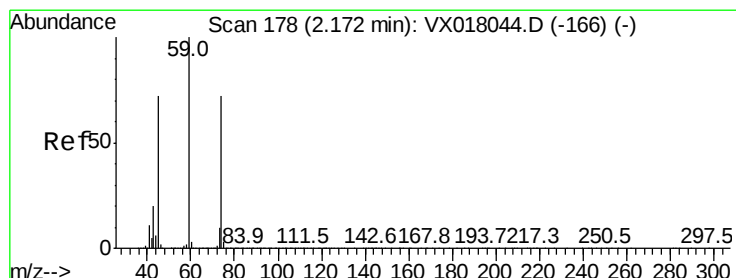
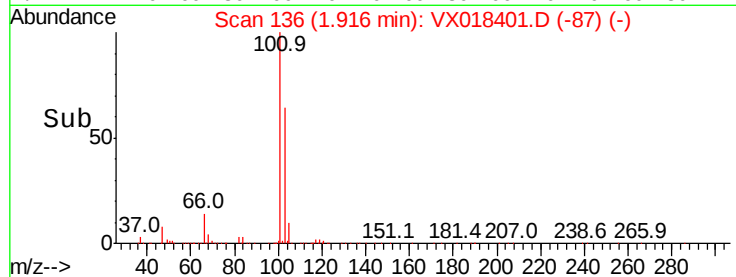
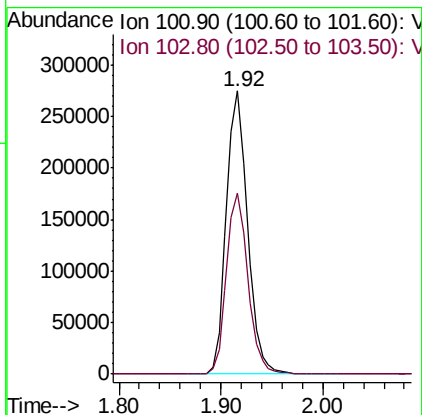
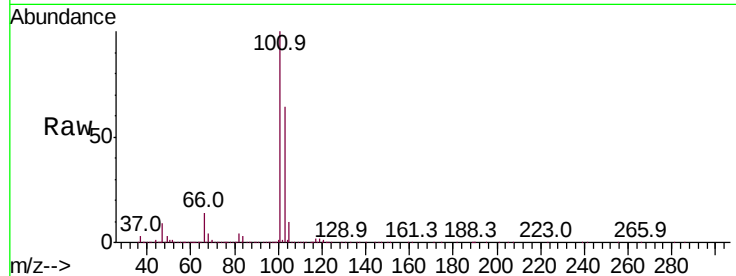


#7

Trichlorofluoromethane
Concen: 54.708 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
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VSTDCCC050

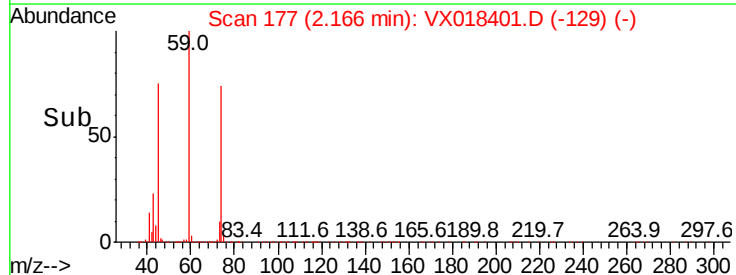
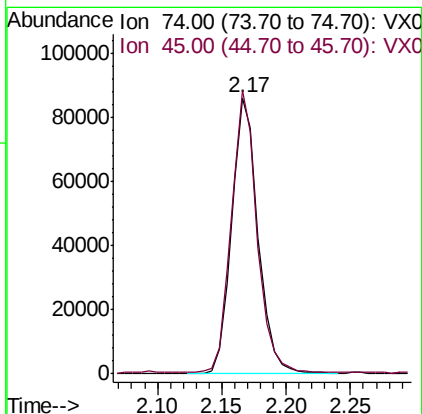
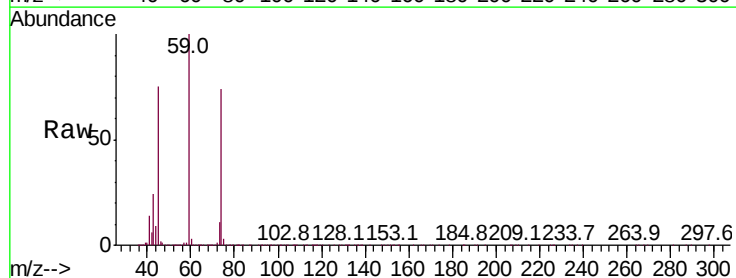
Tot Ion:101 Resp: 396110
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1

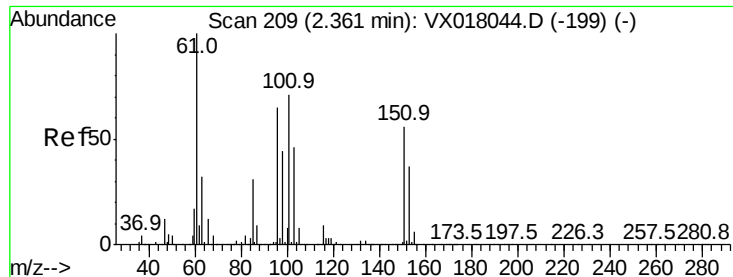


#8

Diethyl Ether
Concen: 49.858 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion: 74 Resp: 122423
Ion Ratio Lower Upper
74 100
45 100.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.487 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

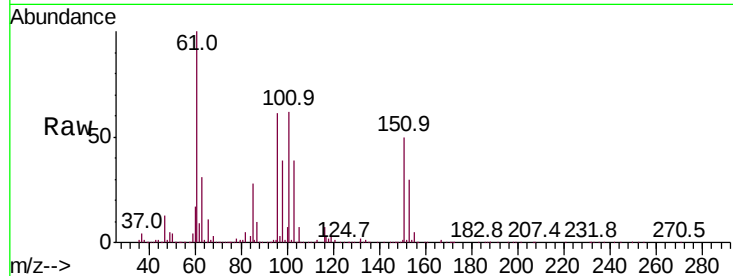
Tot Ion:101 Resp: 197623

Ion Ratio Lower Upper

101 100

85 45.9 34.0 51.0

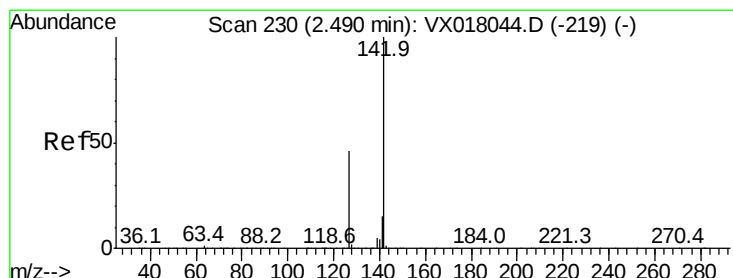
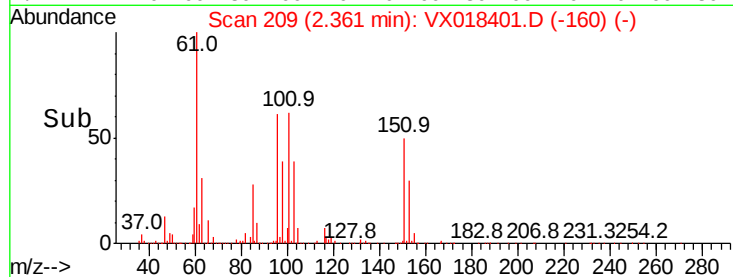
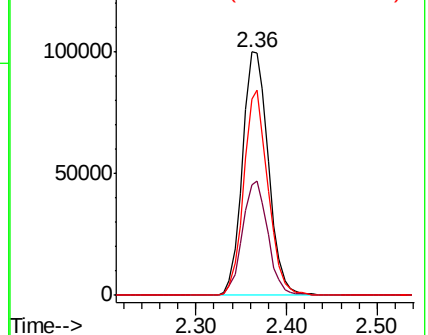
151 79.0 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.859 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

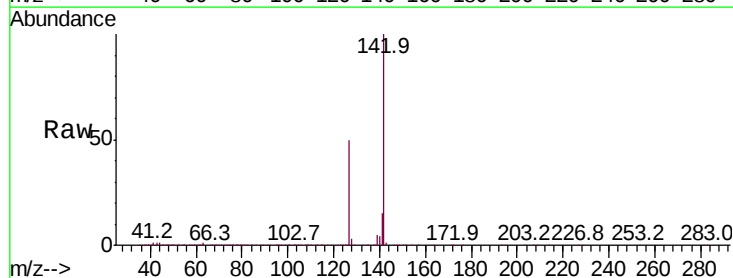
Tgt Ion:142 Resp: 218103

Ion Ratio Lower Upper

142 100

127 49.5 37.0 55.6

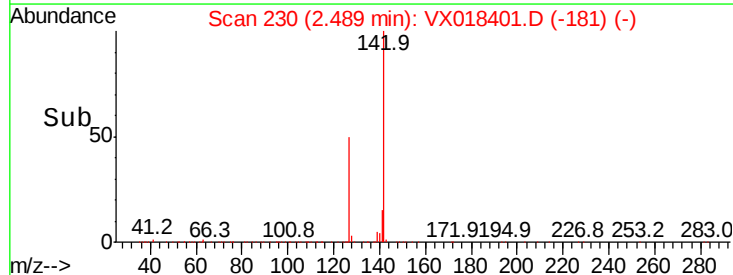
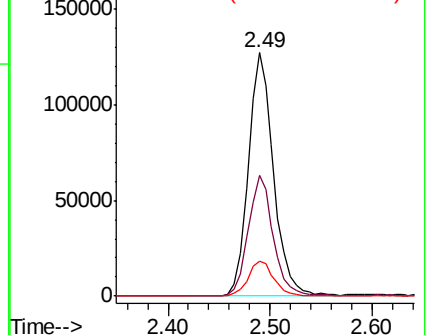
141 14.8 11.5 17.3

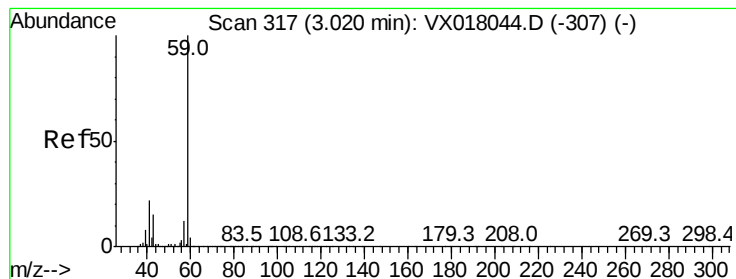


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



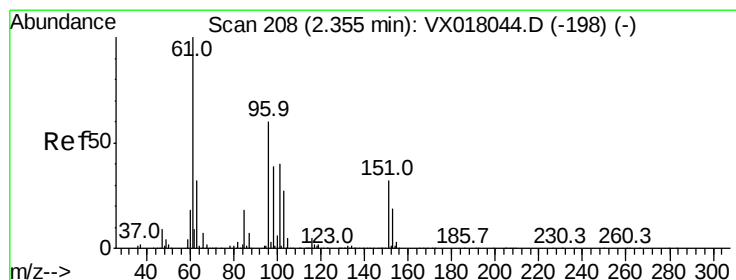
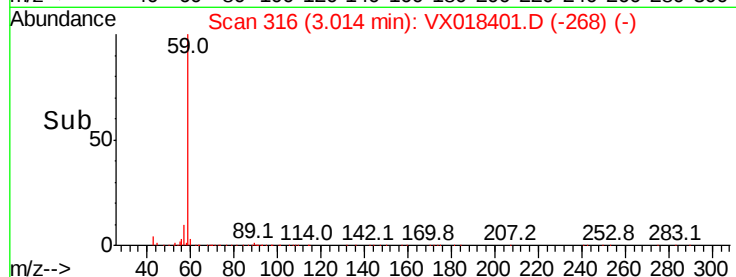
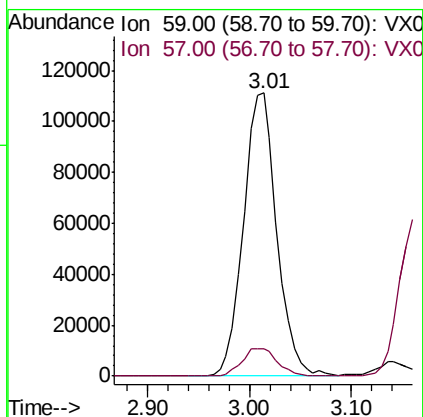
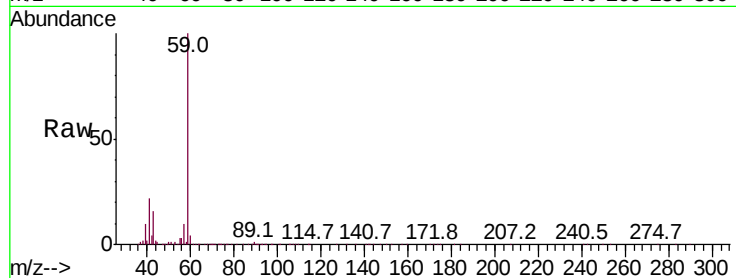


#11

Tert butyl alcohol
Concen: 225.219 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

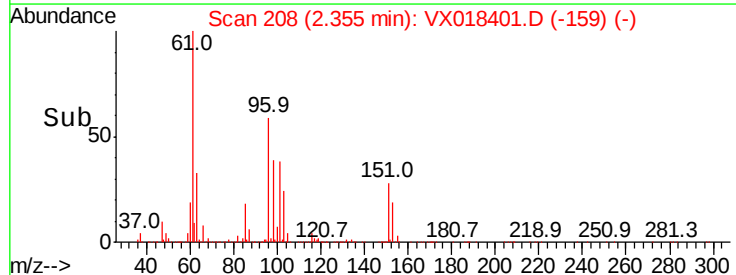
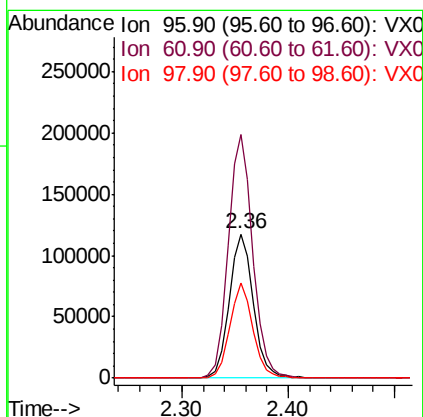
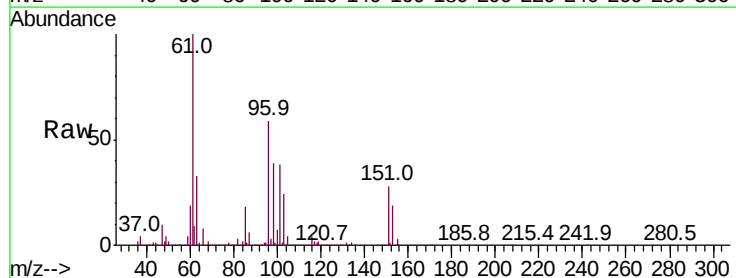
Tot Ion: 59 Resp: 252629
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

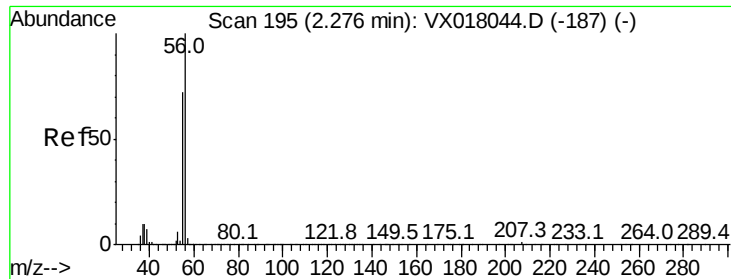


#12

1,1-Dichloroethene
Concen: 45.927 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion: 96 Resp: 186510
Ion Ratio Lower Upper
96 100
61 169.0 133.0 199.4
98 65.8 51.6 77.4

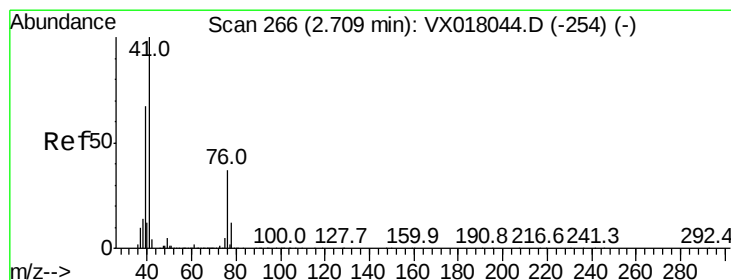
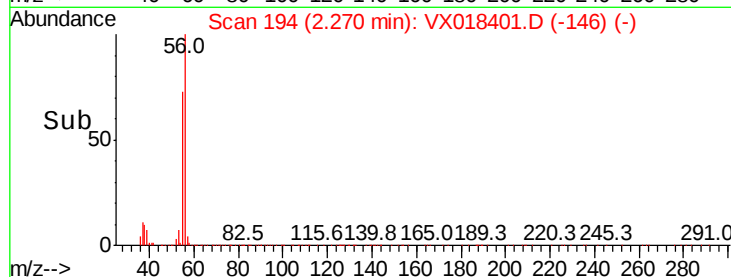
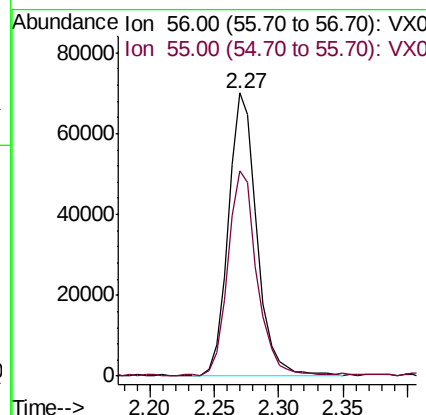
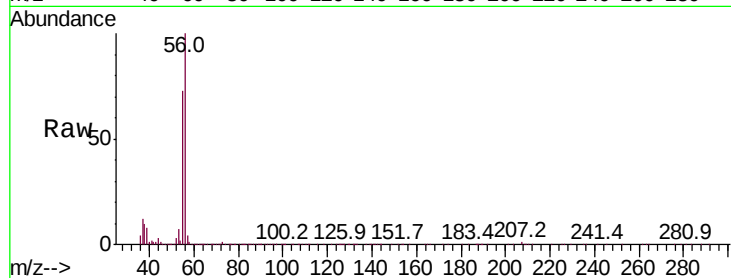




#13
Acrolein
Concen: 233.308 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

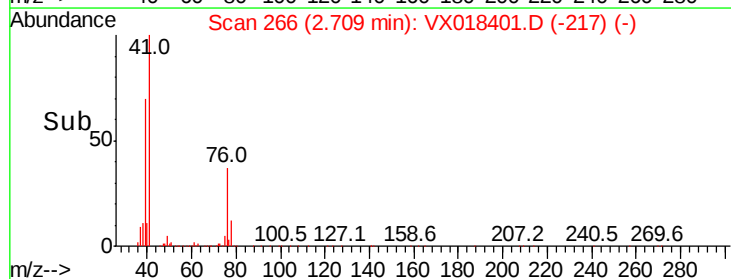
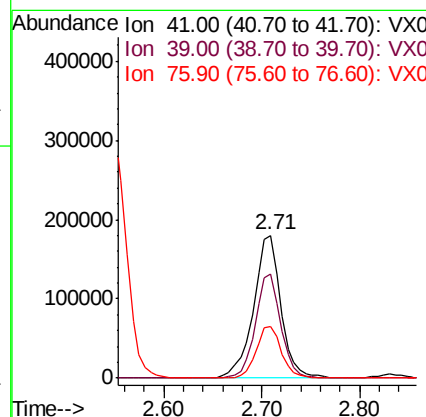
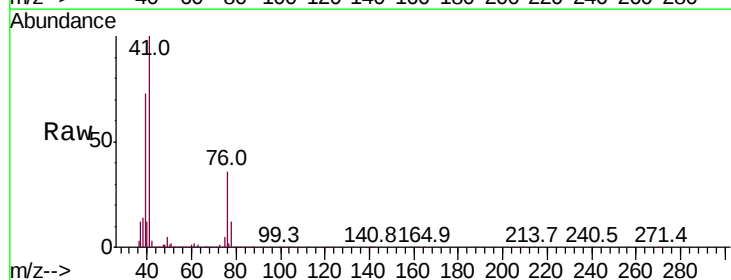
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

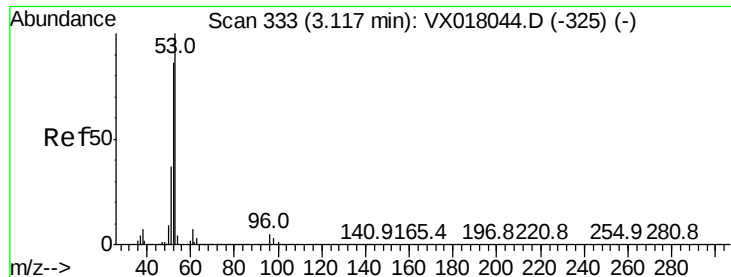
Tot Ion: 56 Resp: 108513
Ion Ratio Lower Upper
56 100
55 73.5 57.0 85.6



#14
Allyl chloride
Concen: 48.220 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion: 41 Resp: 351818
Ion Ratio Lower Upper
41 100
39 67.8 50.6 76.0
76 33.3 26.2 39.2





#15

Acrylonitrile

Concen: 228.912 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

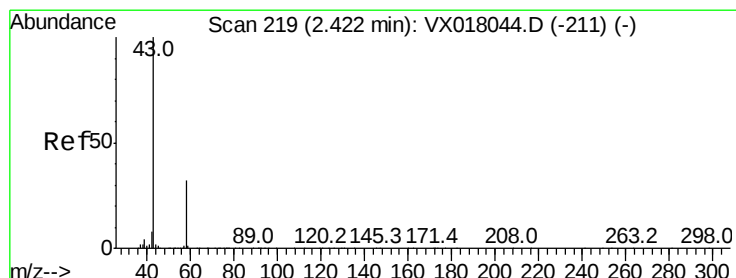
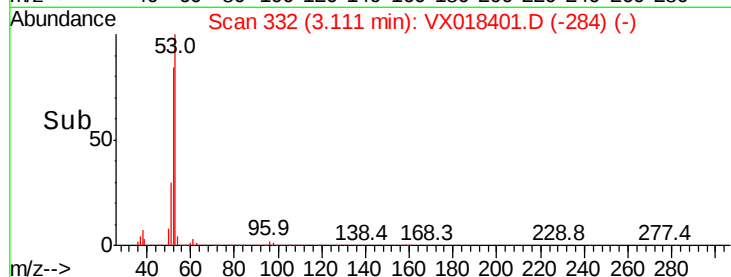
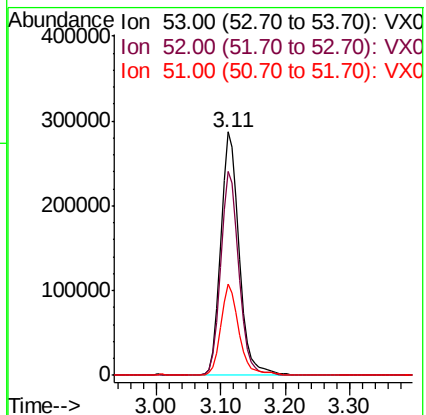
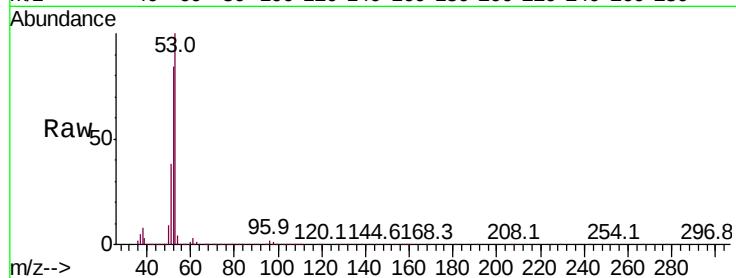
Tot Ion: 53 Resp: 582456

Ion Ratio Lower Upper

53 100

52 82.7 66.9 100.3

51 36.6 28.7 43.1



#16

Acetone

Concen: 237.528 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018401.D

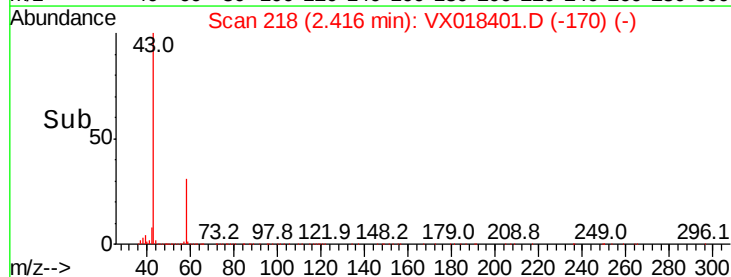
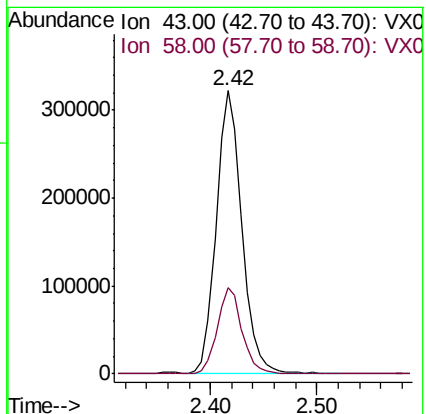
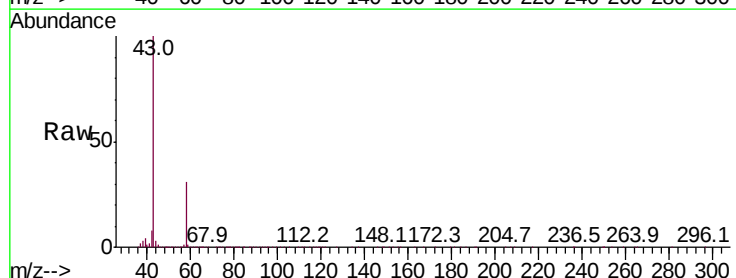
Acq: 15 Sep 2020 12:41

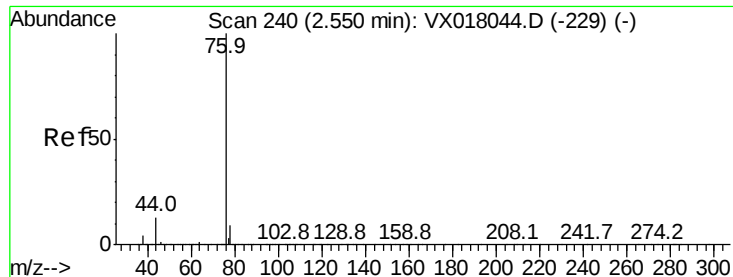
Tgt Ion: 43 Resp: 533952

Ion Ratio Lower Upper

43 100

58 30.6 25.5 38.3





#17

Carbon Disulfide

Concen: 40.552 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

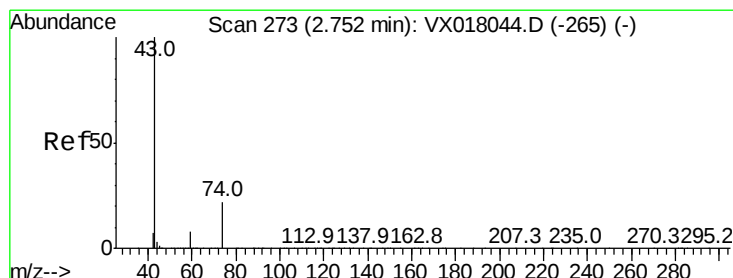
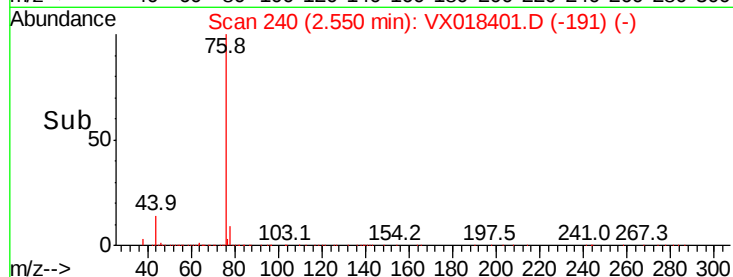
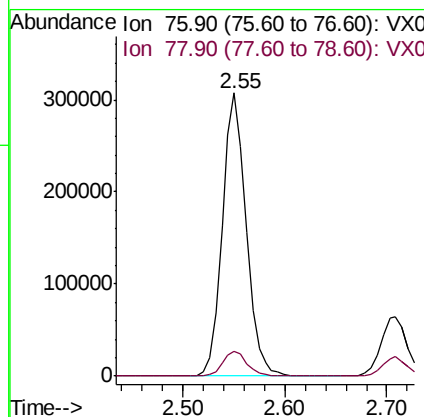
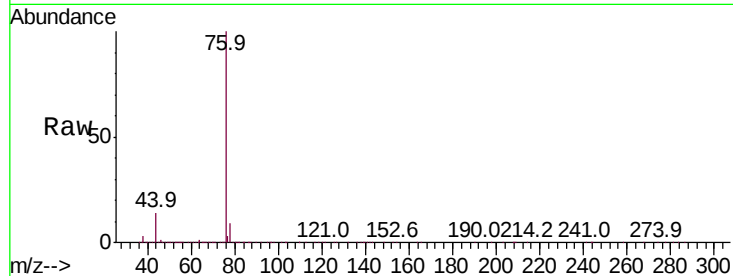
Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 497837

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0



#18

Methyl Acetate

Concen: 56.666 ug/l

RT: 2.75 min Scan# 272

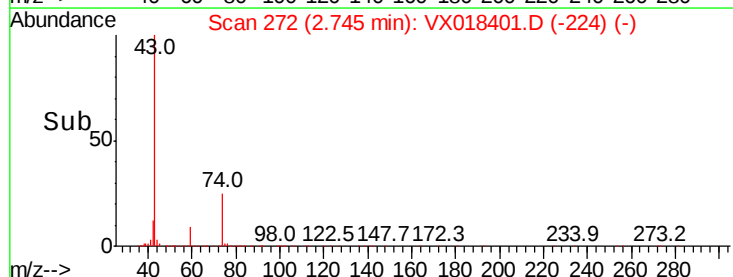
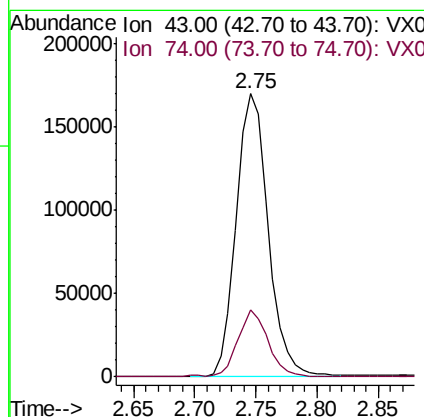
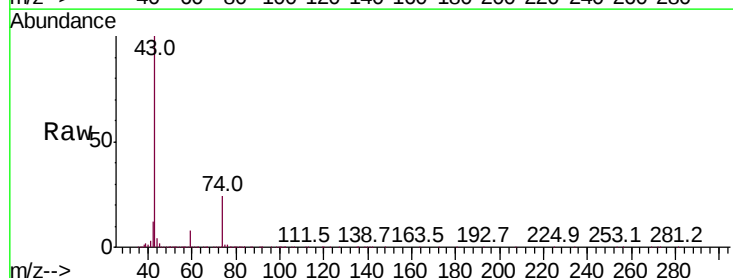
Delta R.T. -0.01 min

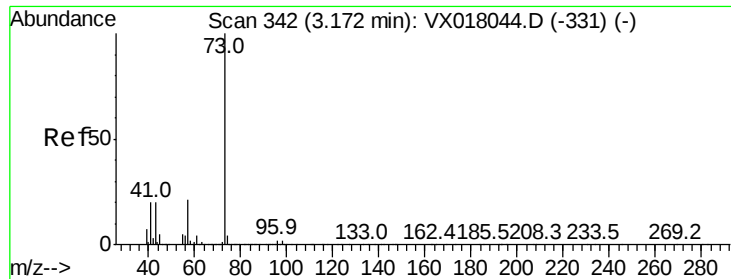
Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion: 43 Resp: 307392

Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.2	27.4





#19

Methyl tert-butyl Ether

Concen: 51.593 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

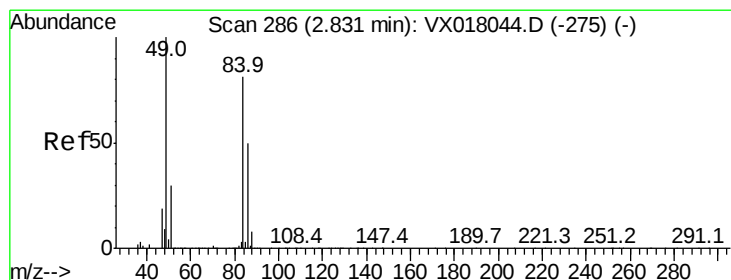
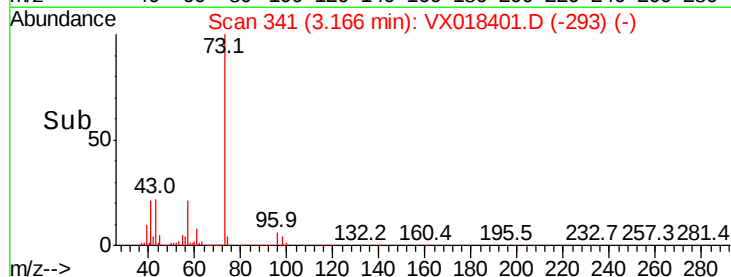
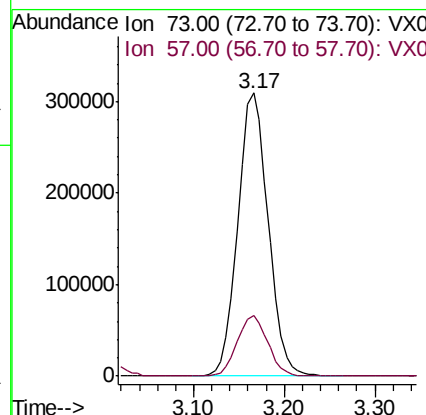
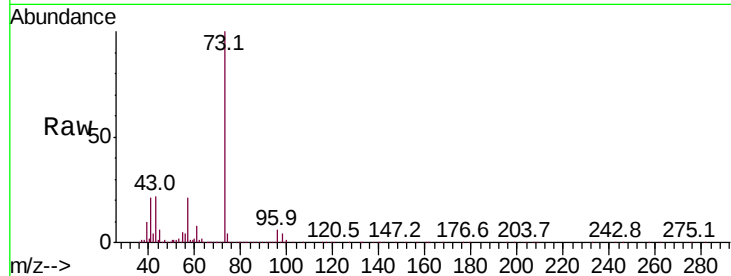
Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 718547

Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2



#20

Methylene Chloride

Concen: 48.461 ug/l

RT: 2.83 min Scan# 286

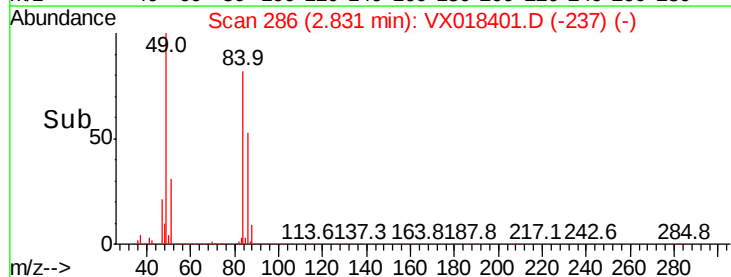
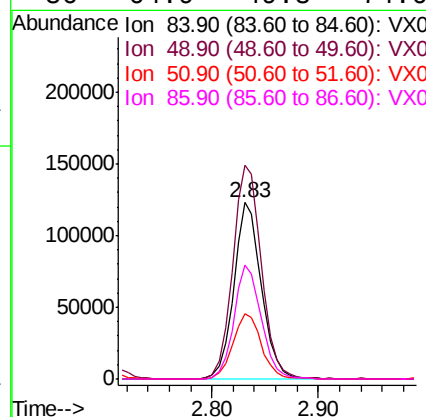
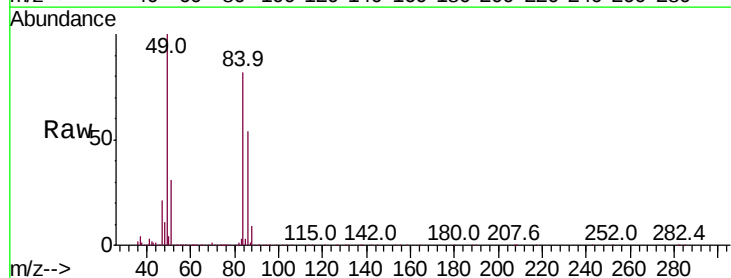
Delta R.T. 0.00 min

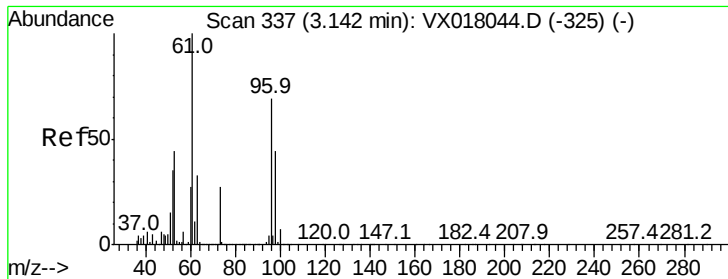
Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion: 84 Resp: 222911

Ion	Ratio	Lower	Upper
84	100		
49	121.0	98.6	148.0
51	37.0	29.6	44.4
86	64.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 46.507 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

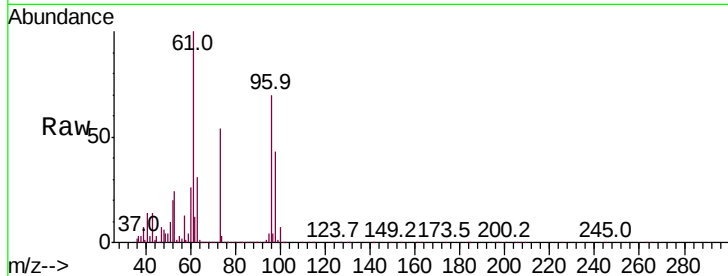
Tot Ion: 96 Resp: 209248

Ion Ratio Lower Upper

96 100

61 143.7 115.4 173.0

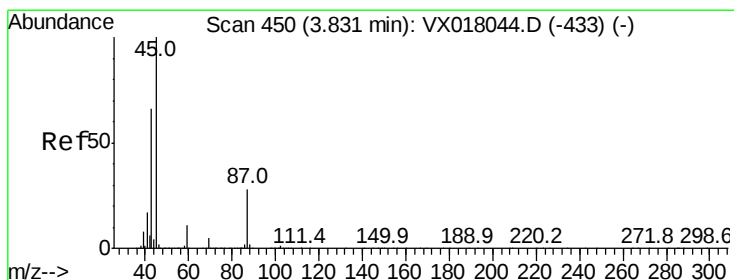
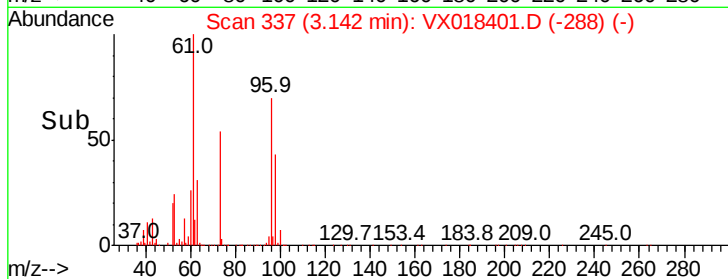
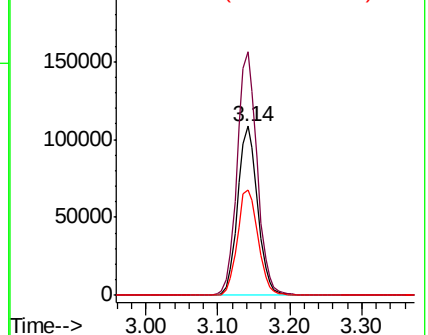
98 62.0 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.125 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion: 45 Resp: 721813

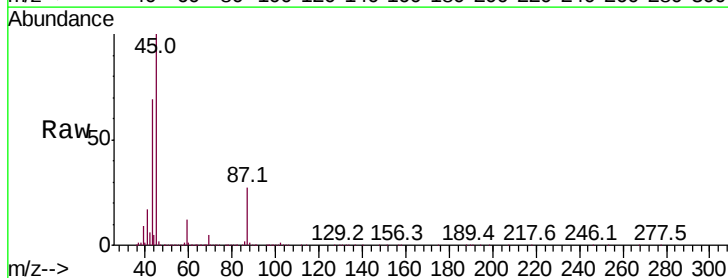
Ion Ratio Lower Upper

45 100

43 68.4 52.8 79.2

87 27.4 22.5 33.7

59 11.5 9.0 13.6

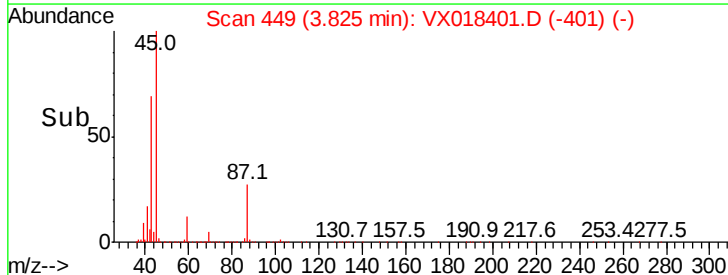
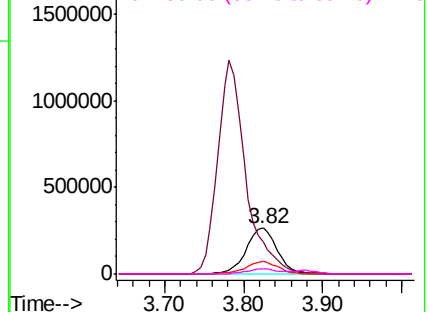


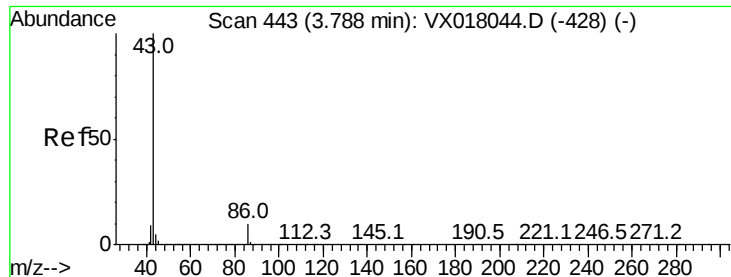
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.447 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

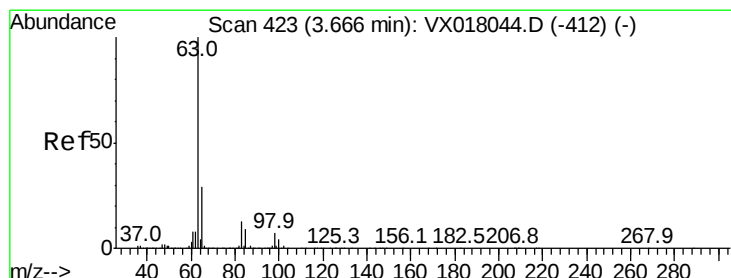
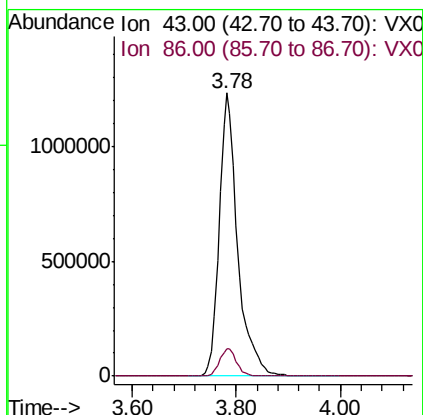
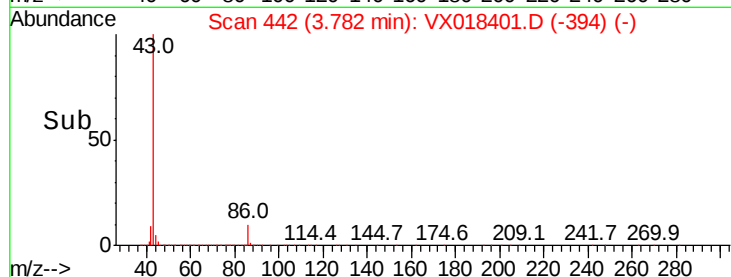
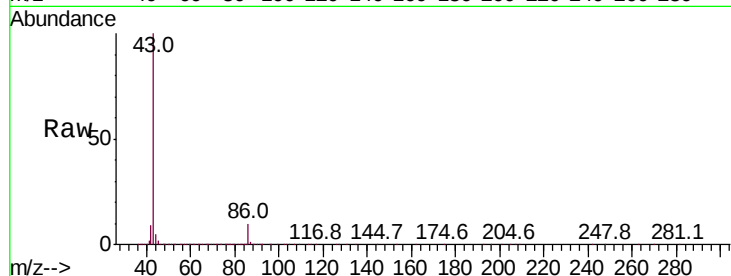
VSTDCCC050

Tot Ion: 43 Resp: 3081002

Ion Ratio Lower Upper

43 100

86 9.6 7.9 11.9



#24

1,1-Dichloroethane

Concen: 48.826 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

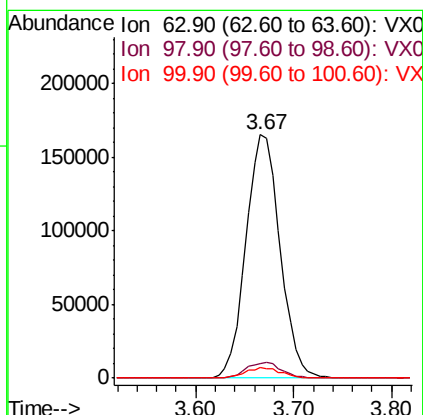
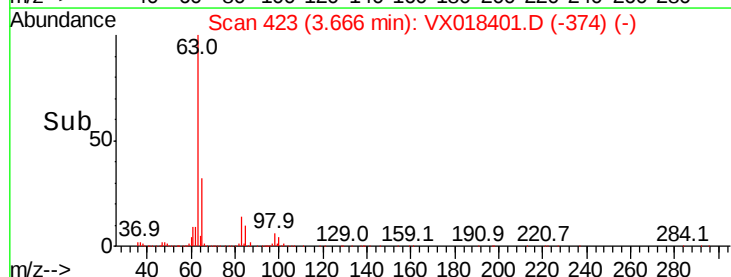
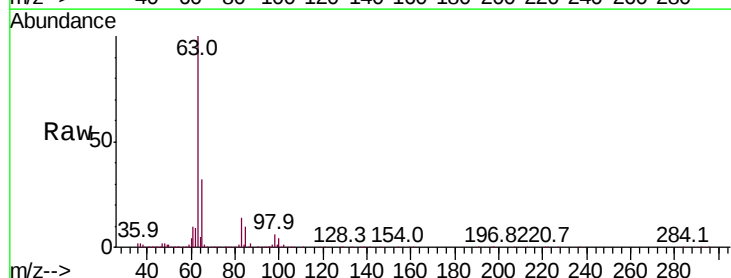
Tgt Ion: 63 Resp: 400247

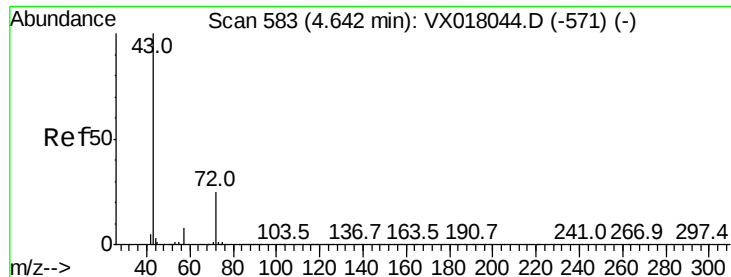
Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.4 2.0 6.0

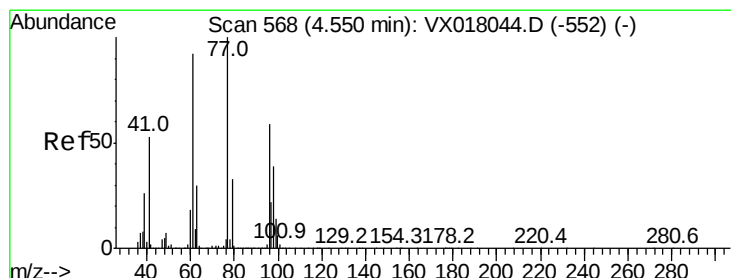
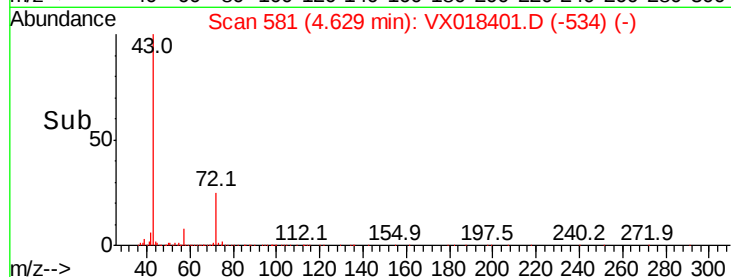
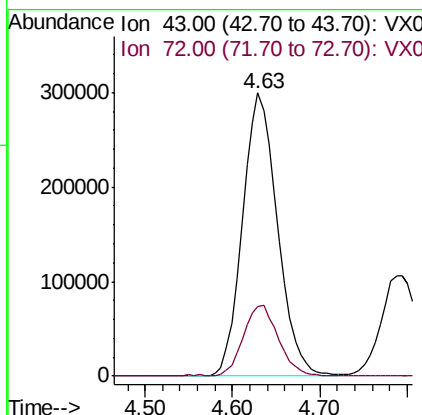
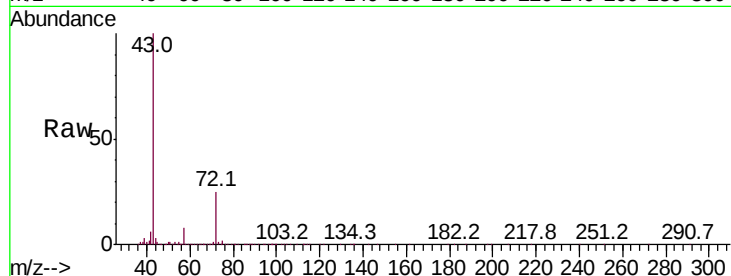




#25
2-Butanone
Concen: 223.571 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

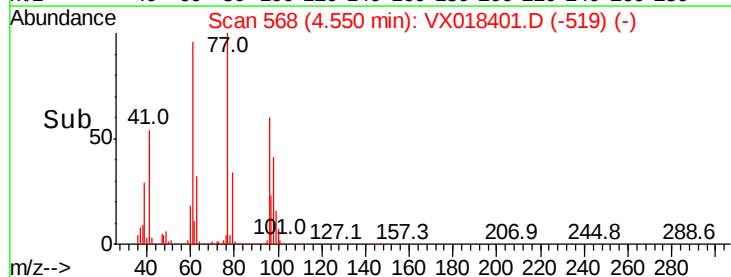
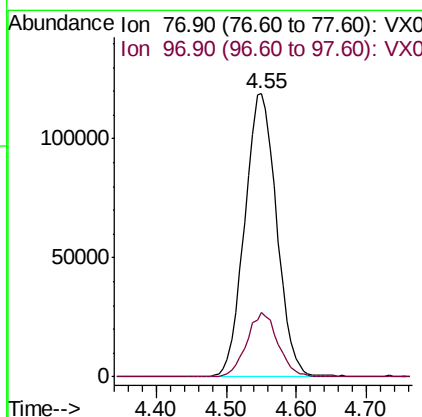
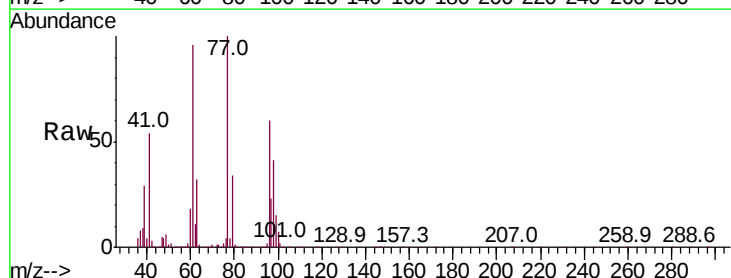
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

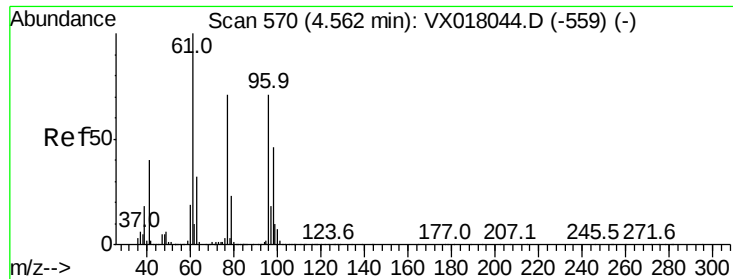
Tot Ion: 43 Resp: 825968
Ion Ratio Lower Upper
43 100
72 24.4 19.8 29.6



#26
2,2-Dichloropropane
Concen: 56.603 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion: 77 Resp: 377526
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5



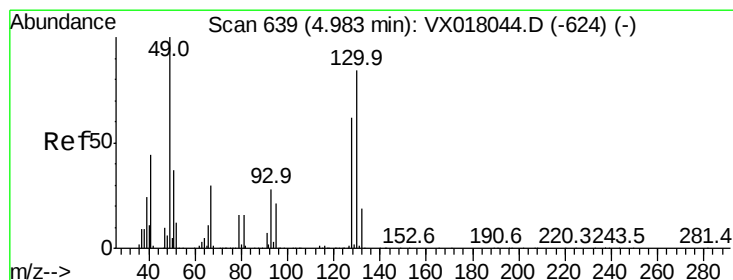
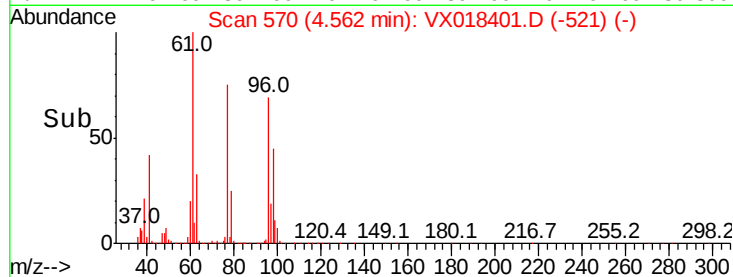
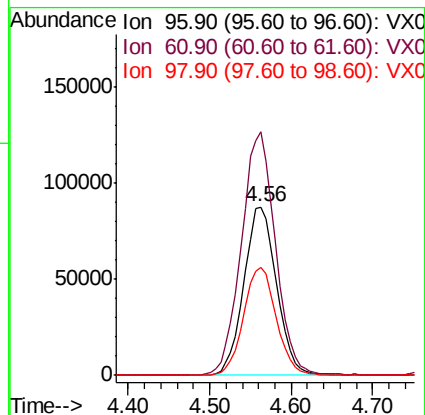
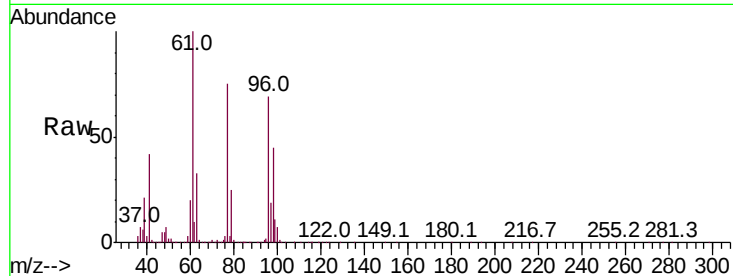


#27

cis-1,2-Dichloroethene
Concen: 47.293 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

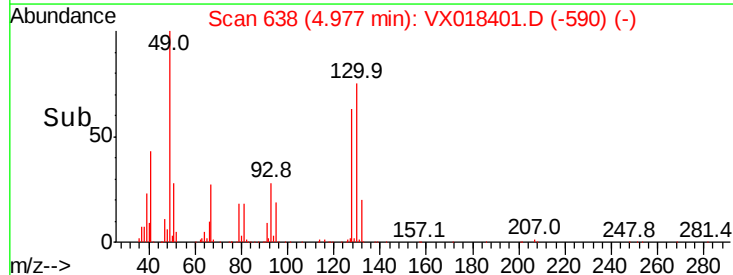
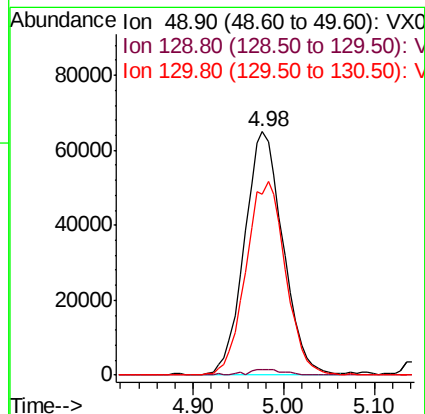
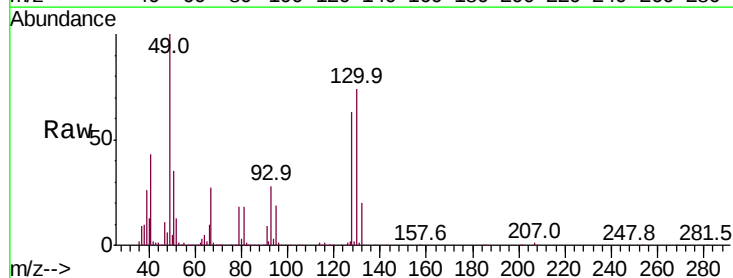
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	296.6
98	64.0	0.0	130.2

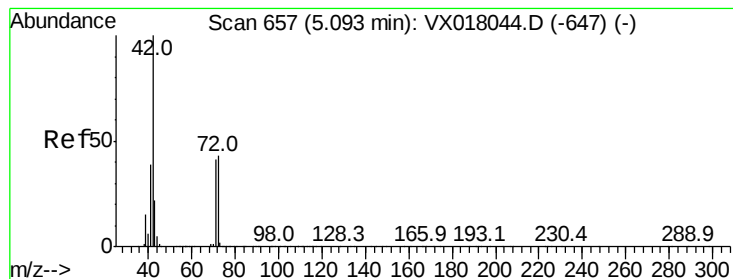


#28

Bromochloromethane
Concen: 48.433 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	81.3	64.6	96.8





#29

Tetrahydrofuran

Concen: 218.988 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

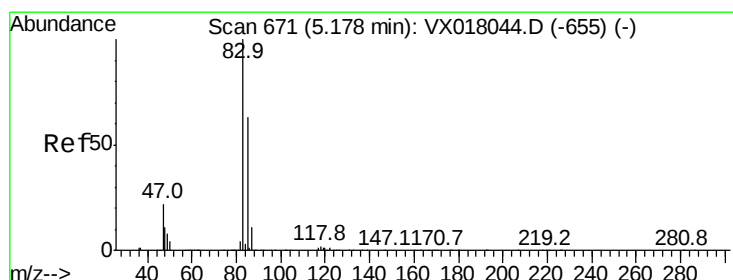
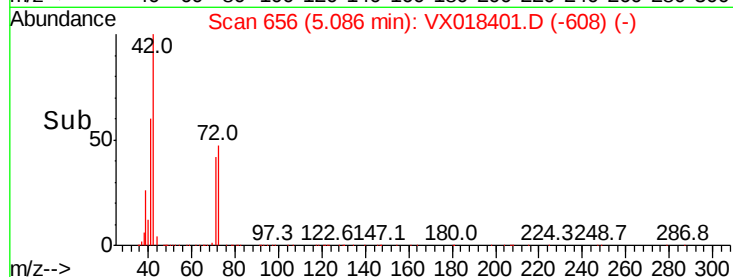
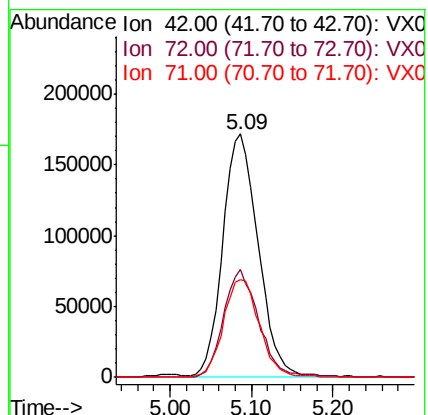
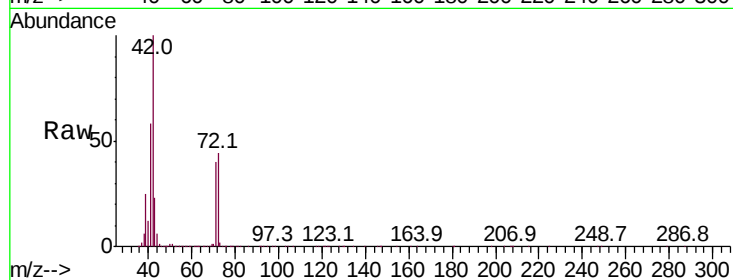
Tot Ion: 42 Resp: 515018

Ion Ratio Lower Upper

42 100

72 44.6 34.2 51.4

71 40.9 32.1 48.1



#30

Chloroform

Concen: 51.005 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018401.D

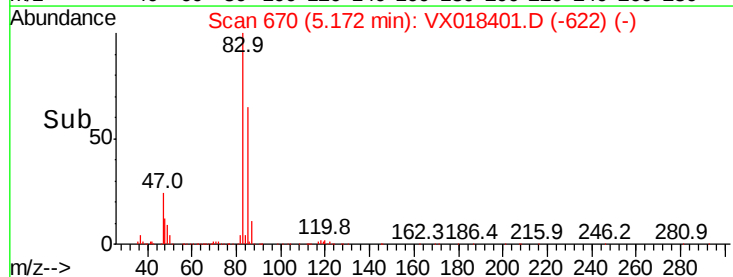
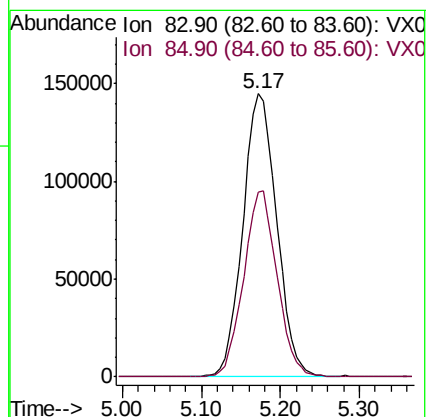
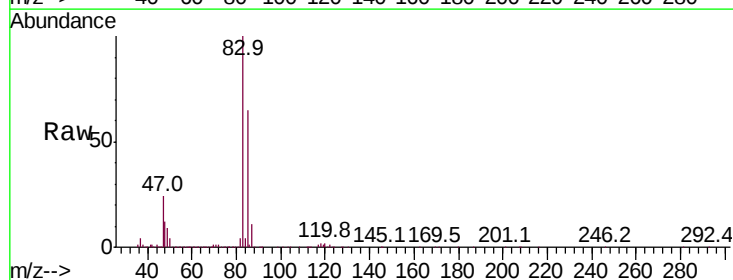
Acq: 15 Sep 2020 12:41

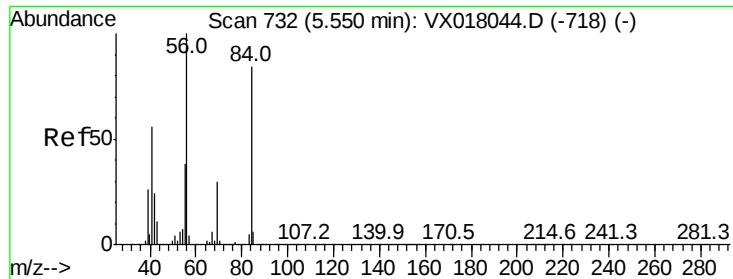
Tgt Ion: 83 Resp: 432927

Ion Ratio Lower Upper

83 100

85 65.5 50.7 76.1

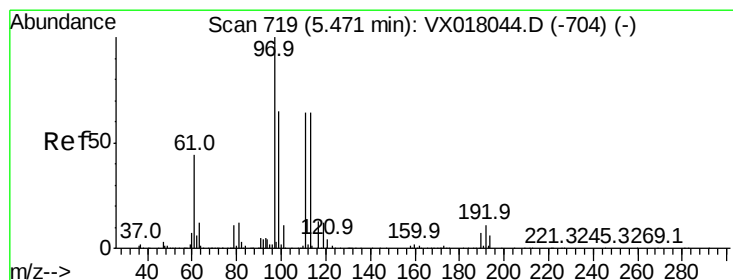
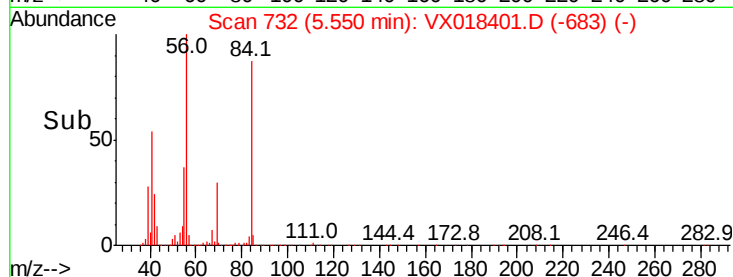
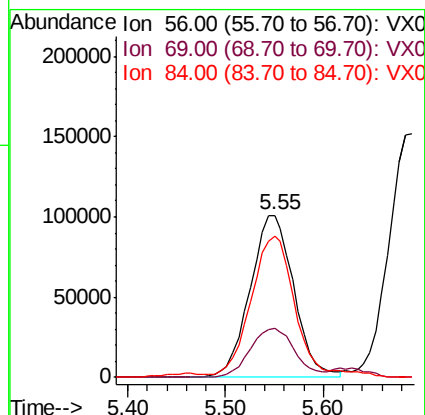
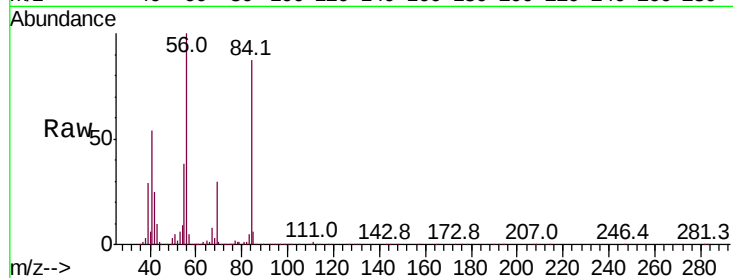




#31
Cyclohexane
Concen: 45.136 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

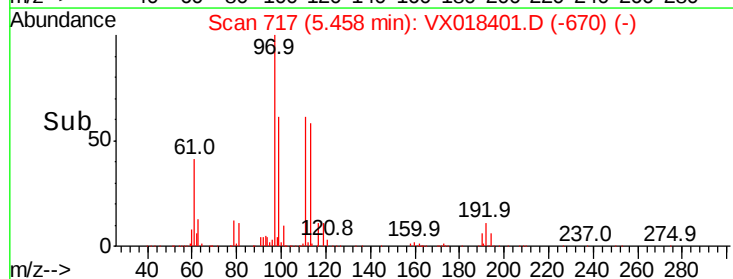
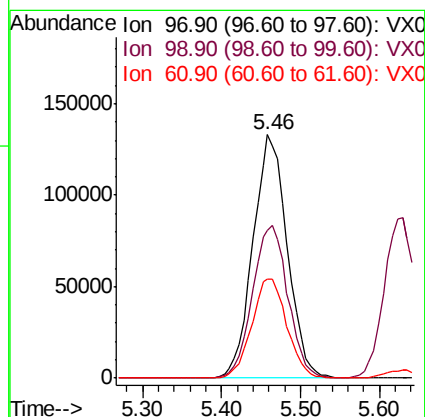
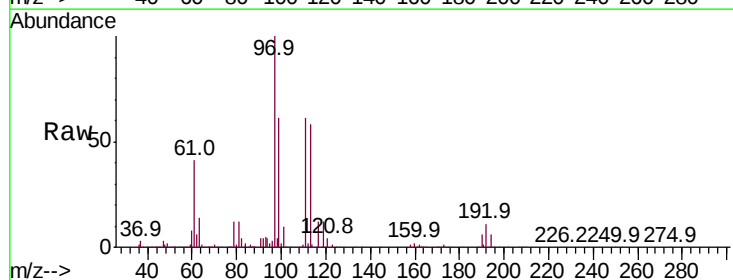
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

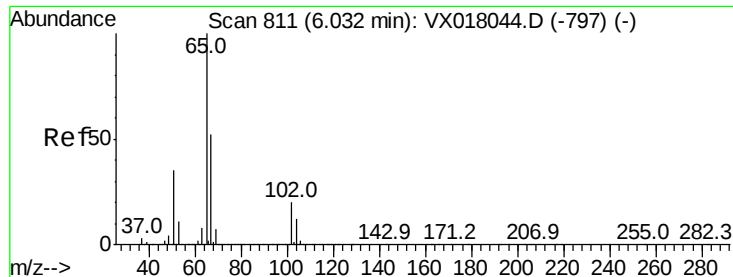
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.9	35.9
84	84.7	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 51.552 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.2	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 52.160 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

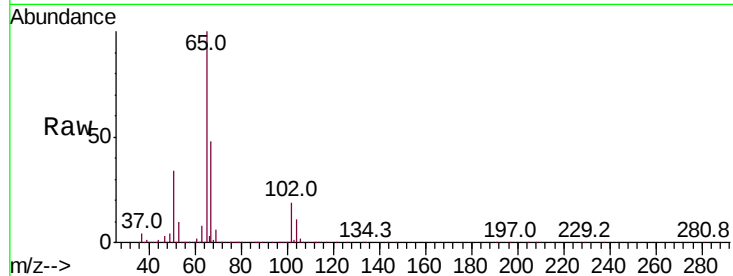
VSTDCCC050

Tot Ion: 65 Resp: 300910

Ion Ratio Lower Upper

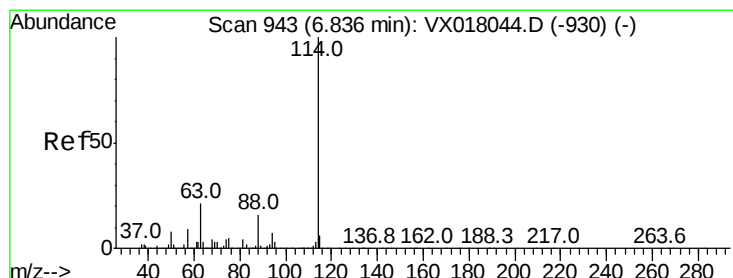
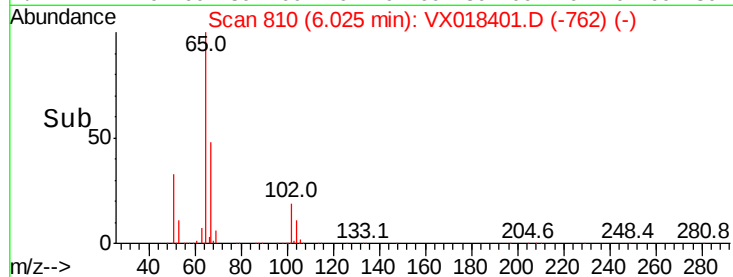
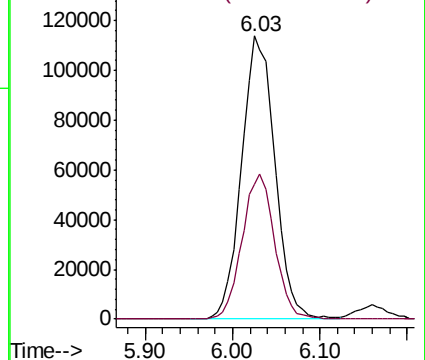
65 100

67 49.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

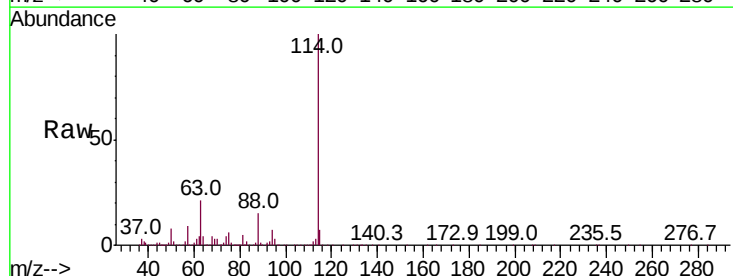
Tgt Ion: 114 Resp: 630492

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

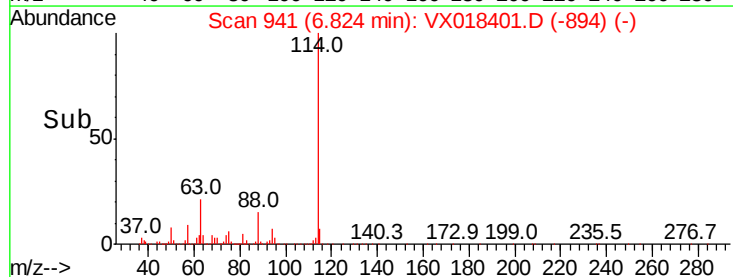
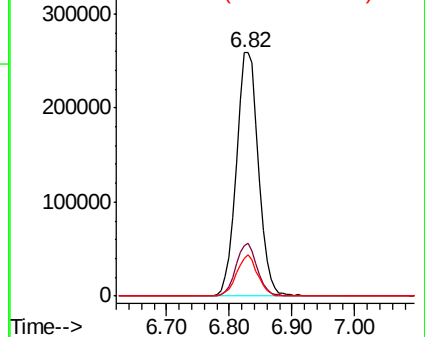
88 15.3 0.0 31.8

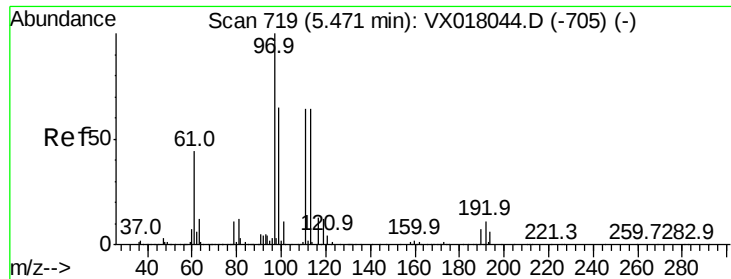


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

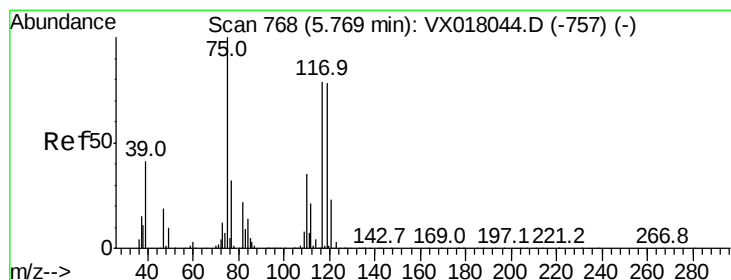
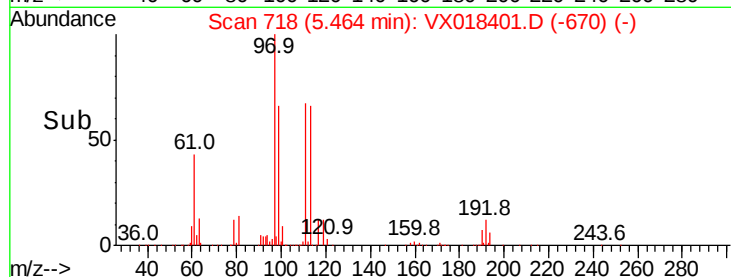
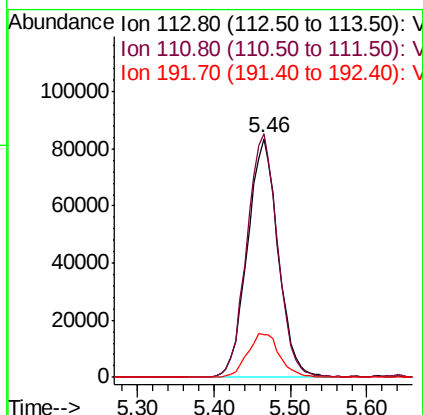
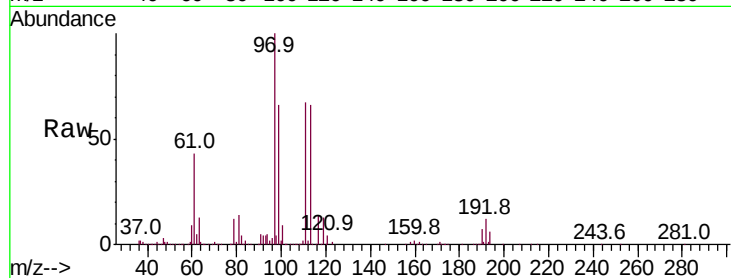




#35
Dibromofluoromethane
Concen: 54.486 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

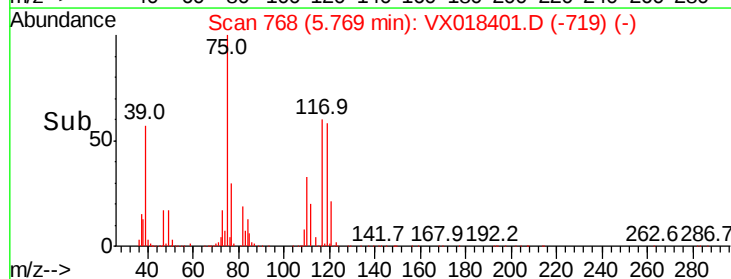
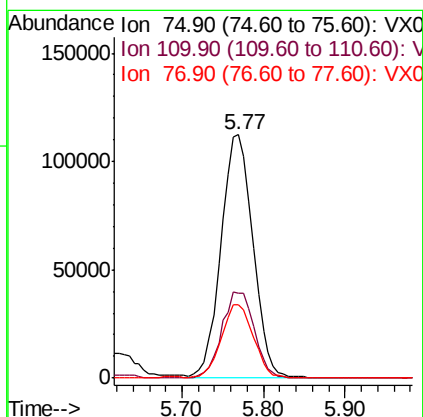
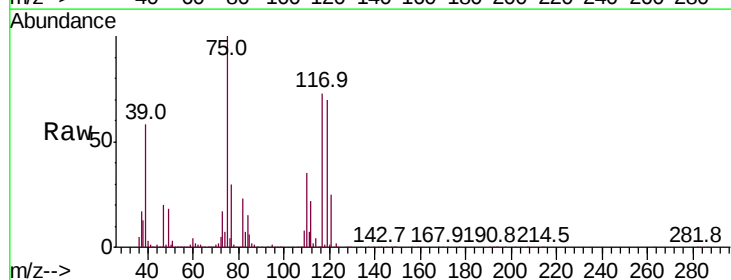
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

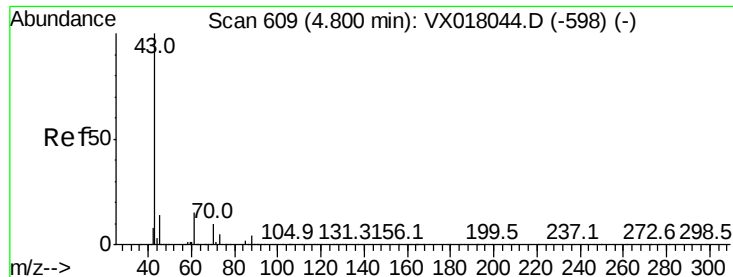
Tot Ion:113 Resp: 233960
Ion Ratio Lower Upper
113 100
111 102.5 81.6 122.4
192 19.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 52.313 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion: 75 Resp: 304216
Ion Ratio Lower Upper
75 100
110 36.0 18.0 54.0
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 47.077 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

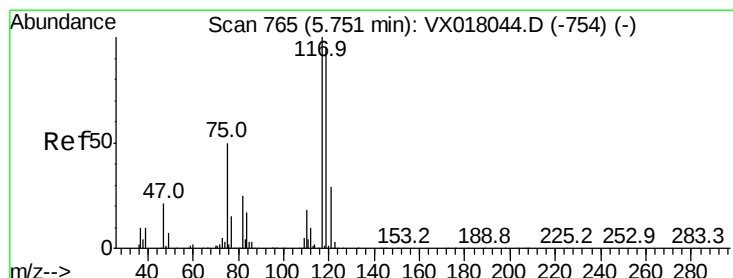
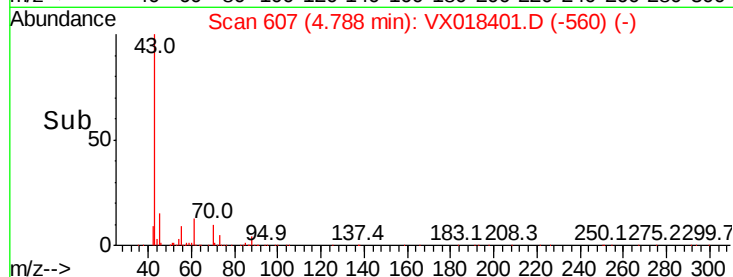
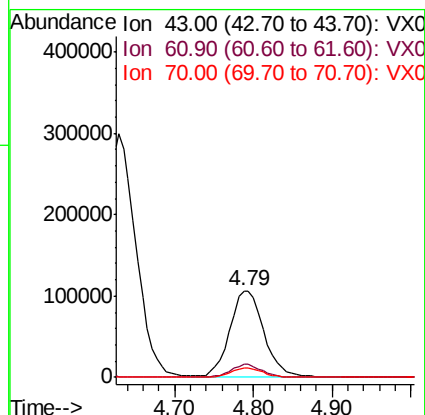
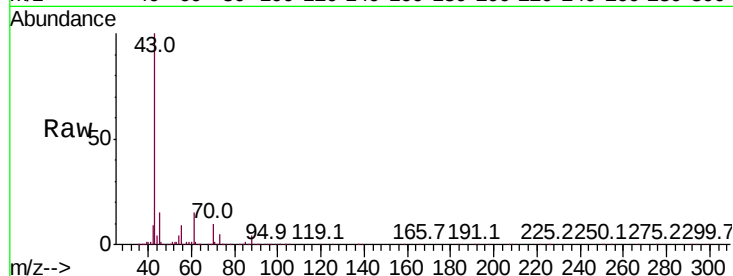
Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 317965

Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.3	8.2	12.4



#38

Carbon Tetrachloride

Concen: 56.435 ug/l

RT: 5.75 min Scan# 765

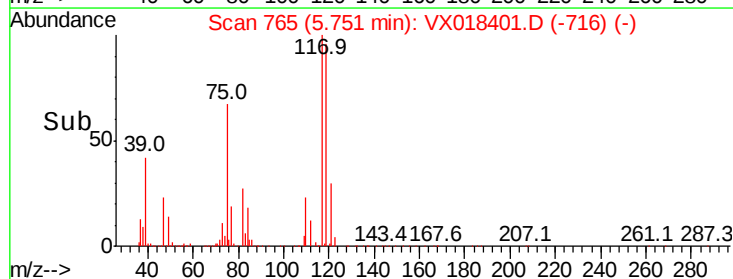
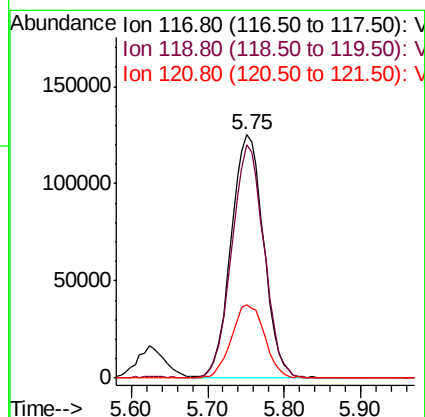
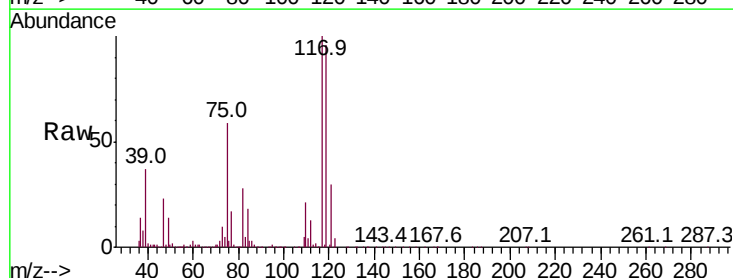
Delta R.T. -0.00 min

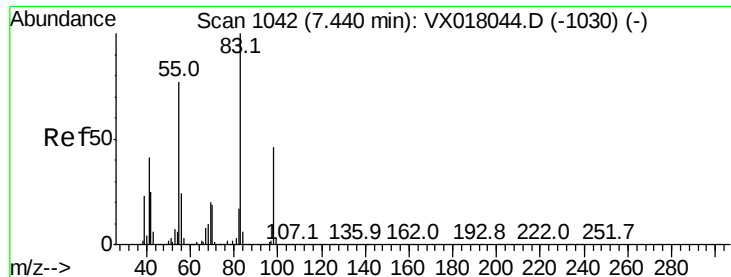
Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion: 117 Resp: 369852

Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.6
121	30.1	23.4	35.0

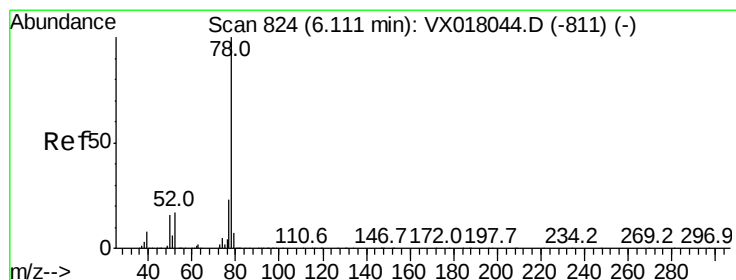
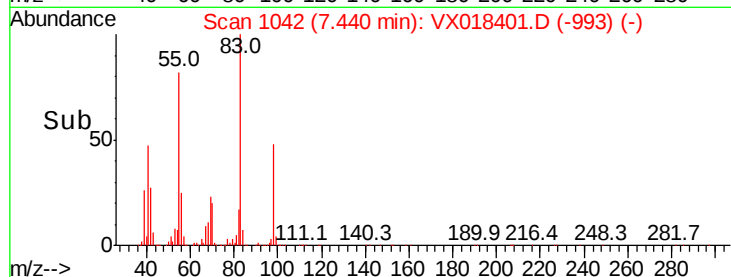
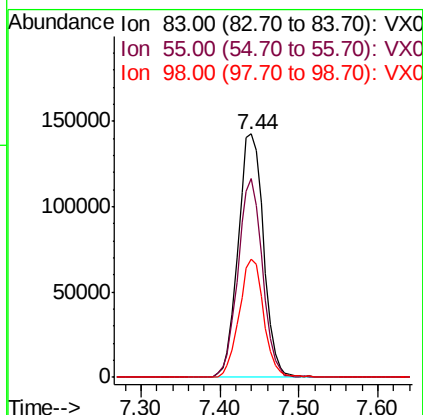
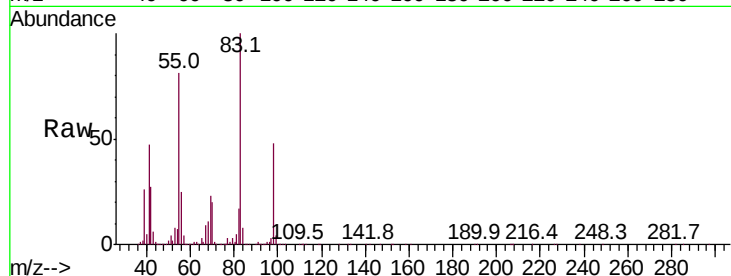




#39
Methvlcvclohexane
Concen: 50.537 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

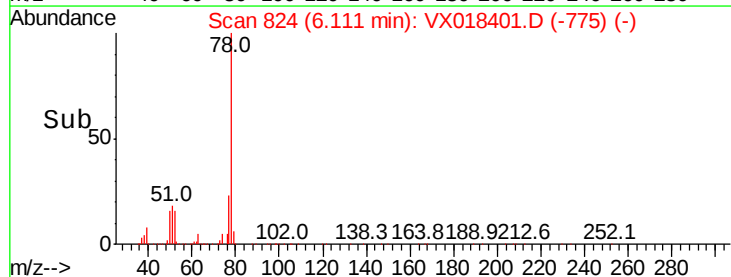
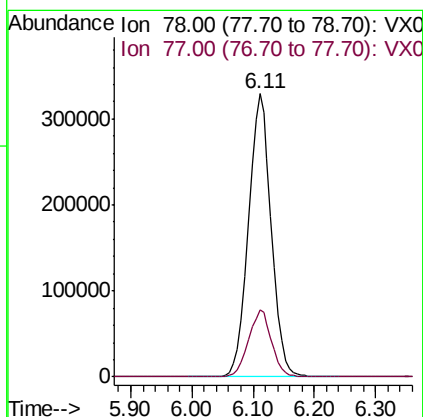
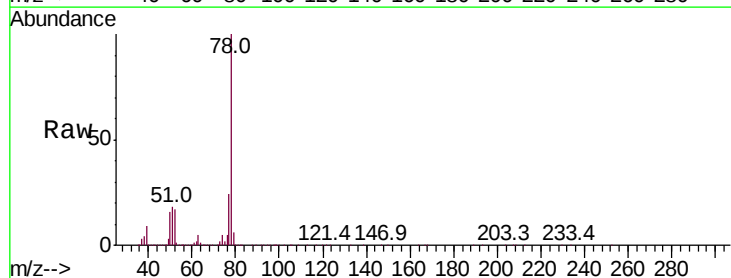
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

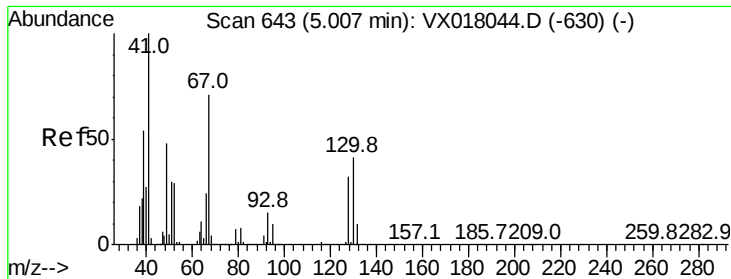
Tot Ion	83	Resp	321359
Ion Ratio	Lower	Upper	
83	100		
55	81.3	61.8	92.6
98	48.3	36.6	55.0



#40
Benzene
Concen: 50.010 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	78	Resp	854546
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.2	27.2





#41

Methacrylonitrile

Concen: 47.935 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 177766

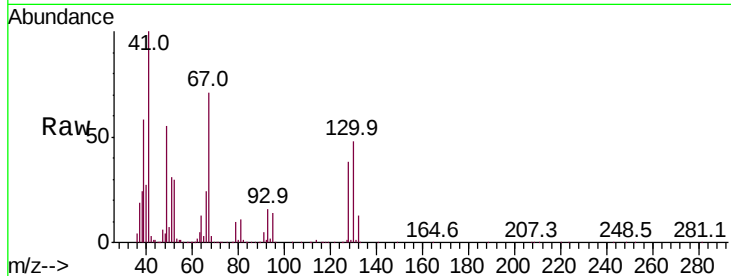
Ion Ratio Lower Upper

41 100

39 56.1 43.1 64.7

67 70.0 56.0 84.0

52 31.2 22.7 34.1

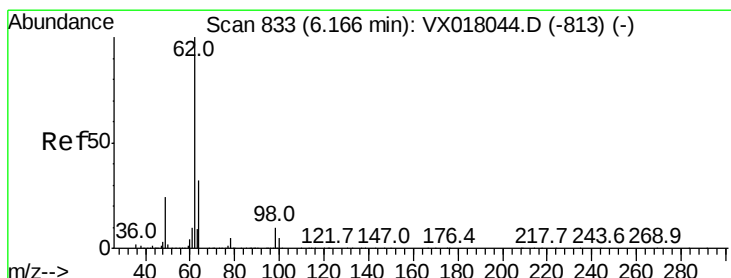
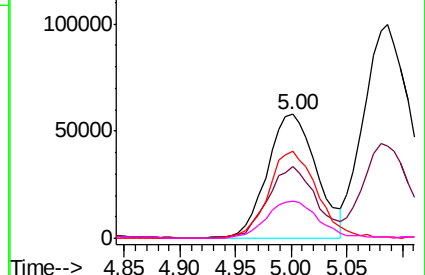
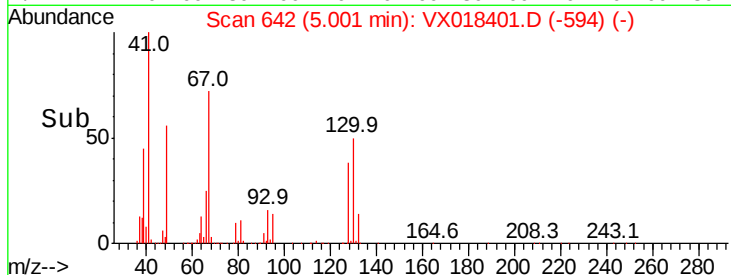


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.260 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018401.D

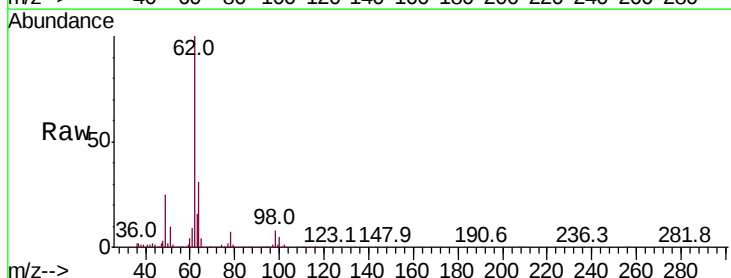
Acq: 15 Sep 2020 12:41

Tgt Ion: 62 Resp: 361784

Ion Ratio Lower Upper

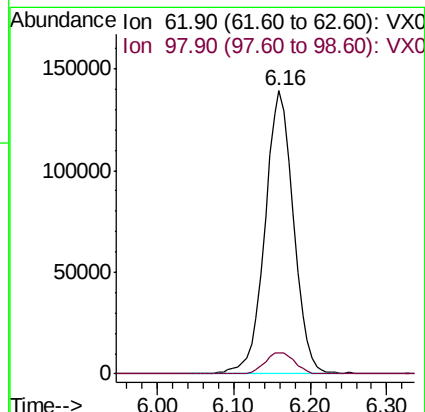
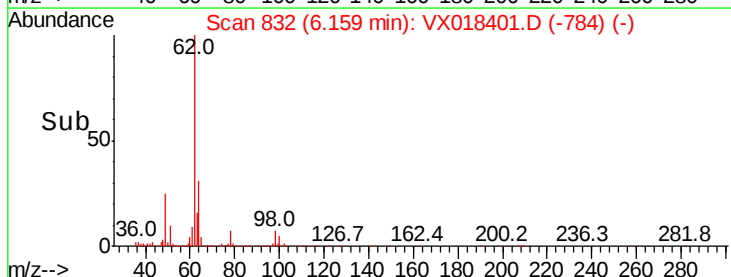
62 100

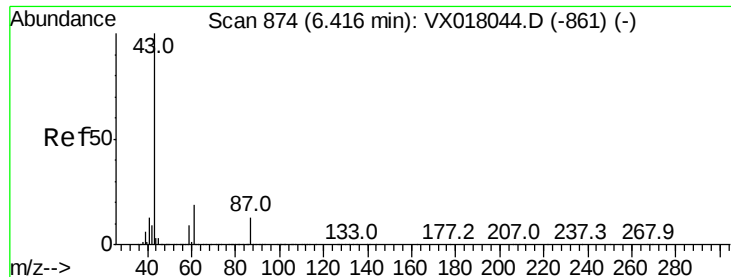
98 8.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.736 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

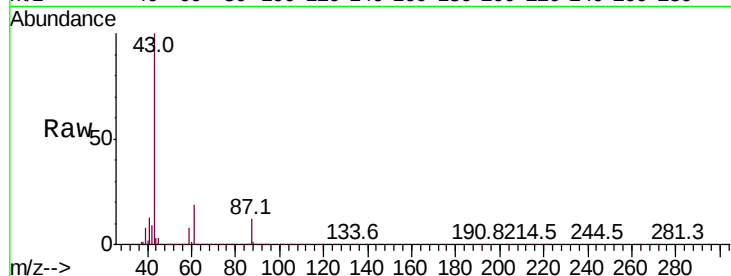
Tot Ion: 43 Resp: 531672

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

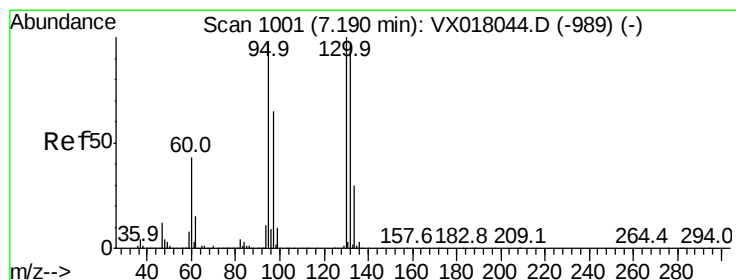
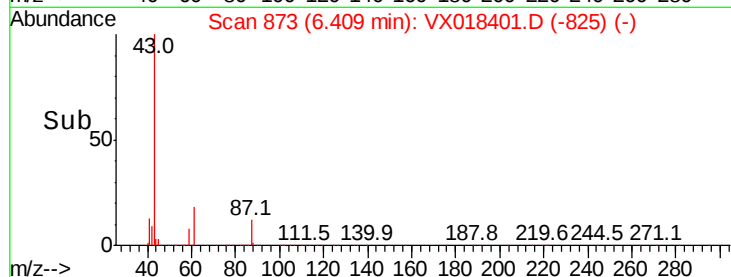
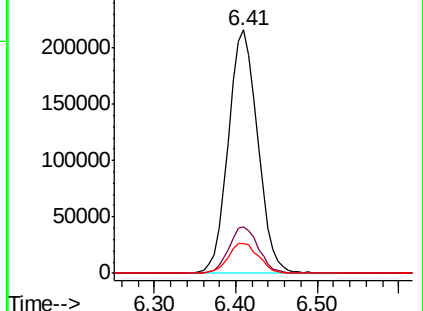
87 12.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.894 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018401.D

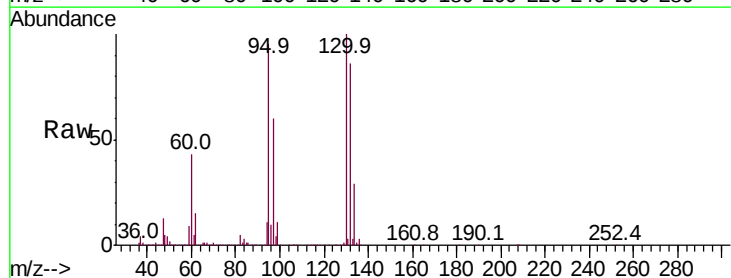
Acq: 15 Sep 2020 12:41

Tgt Ion: 130 Resp: 245729

Ion Ratio Lower Upper

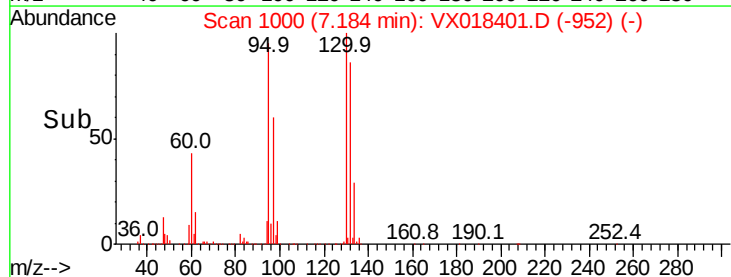
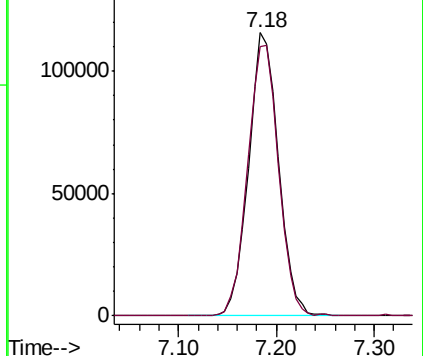
130 100

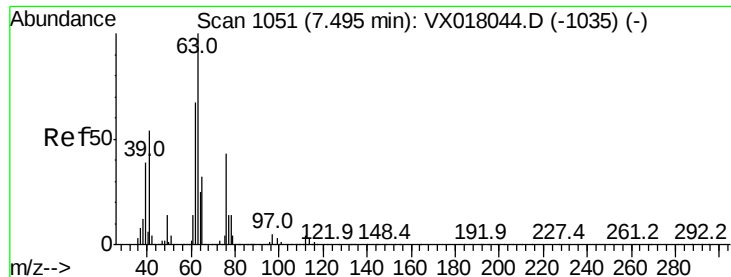
95 95.2 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.157 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

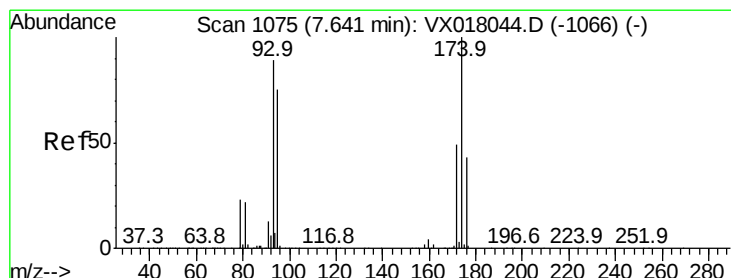
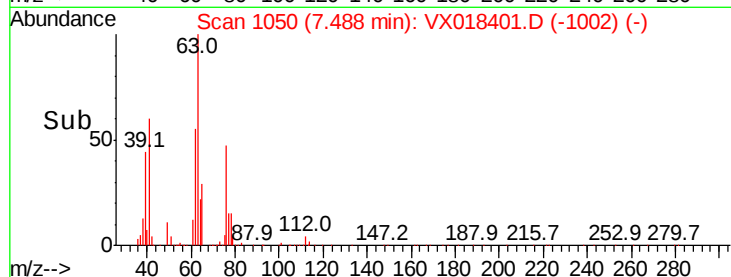
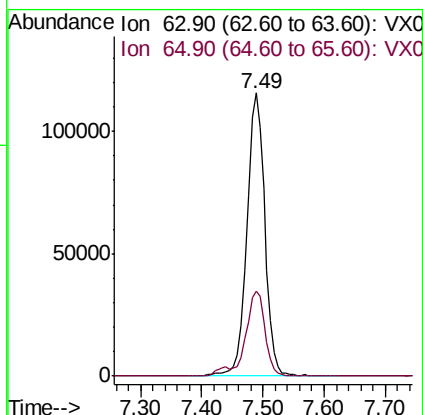
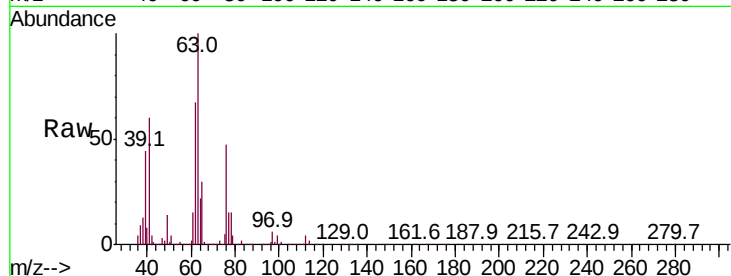
VSTDCCC050

Tot Ion: 63 Resp: 235599

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 50.204 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

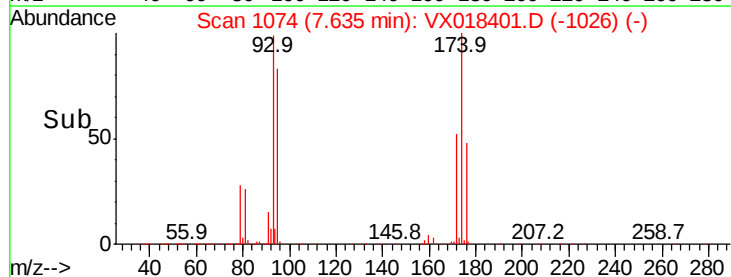
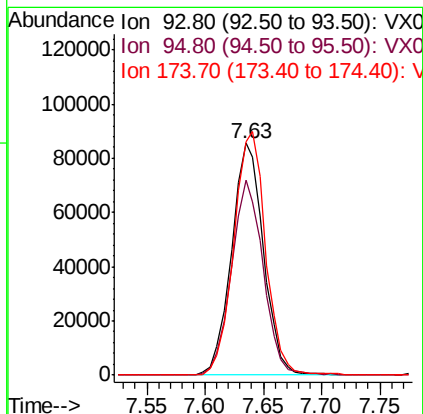
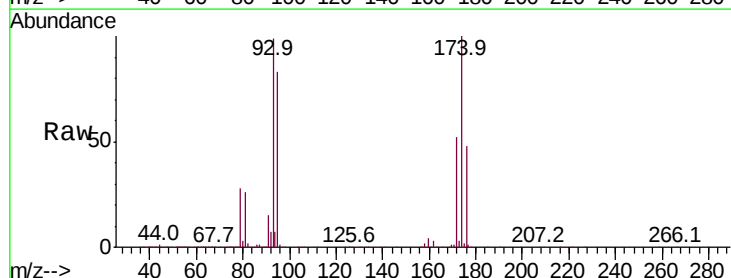
Tgt Ion: 93 Resp: 162591

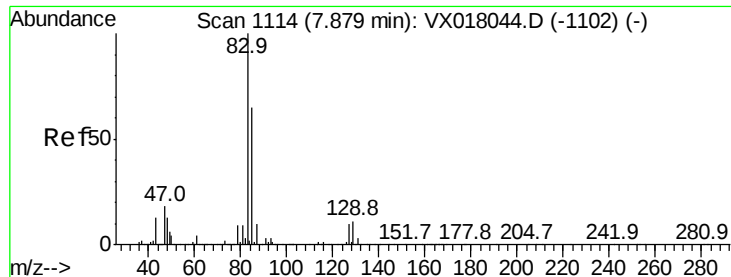
Ion Ratio Lower Upper

93 100

95 83.8 67.3 100.9

174 105.1 82.2 123.2





#47

Bromodichloromethane

Concen: 54.465 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

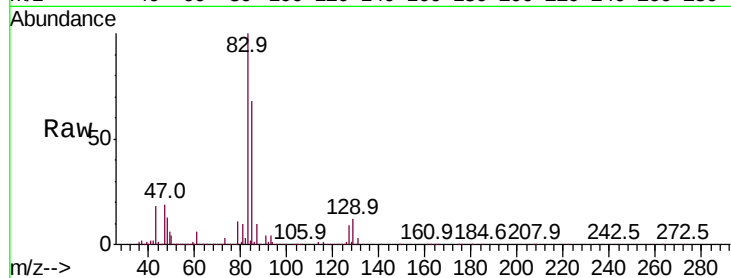
Tot Ion: 83 Resp: 352199

Ion Ratio Lower Upper

83 100

85 67.7 51.8 77.6

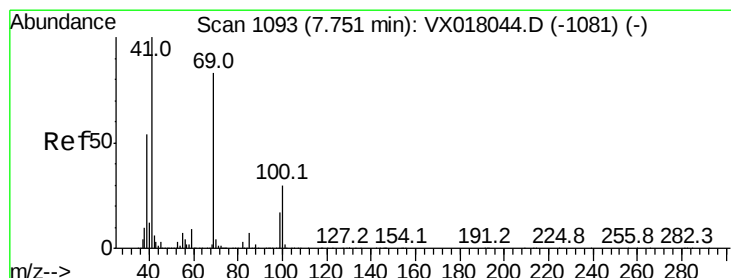
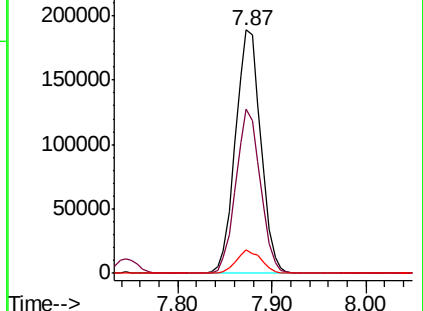
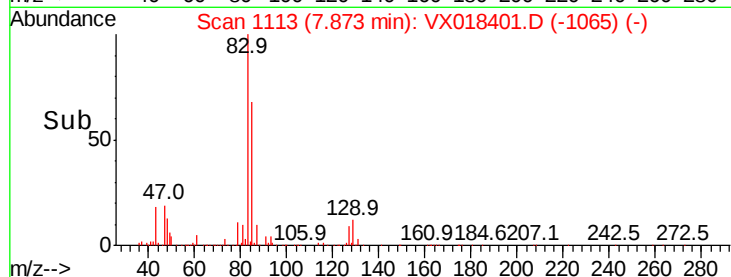
127 9.4 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.481 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

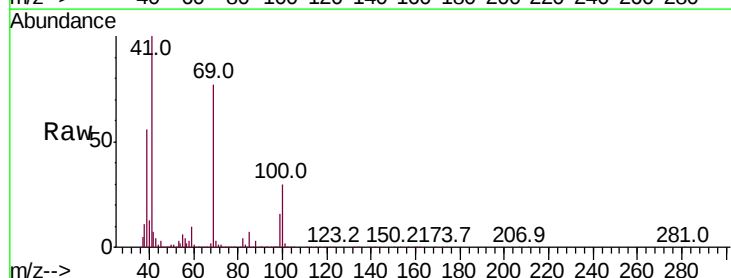
Tgt Ion: 41 Resp: 268716

Ion Ratio Lower Upper

41 100

69 79.5 65.5 98.3

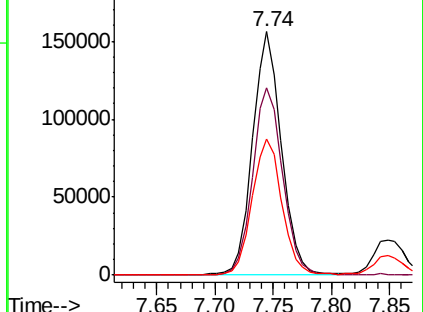
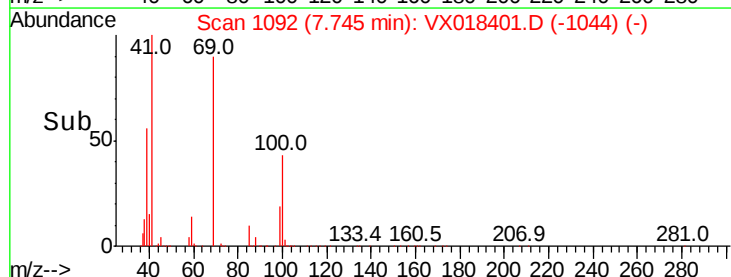
39 57.6 44.5 66.7

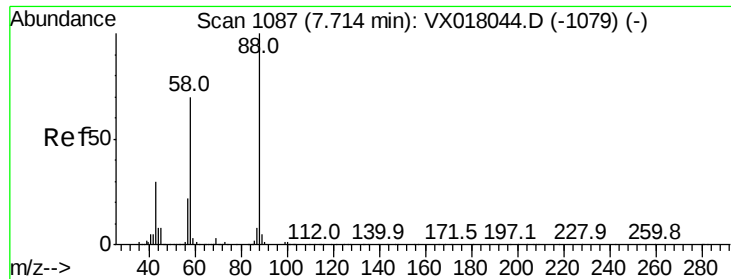


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1027.740 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

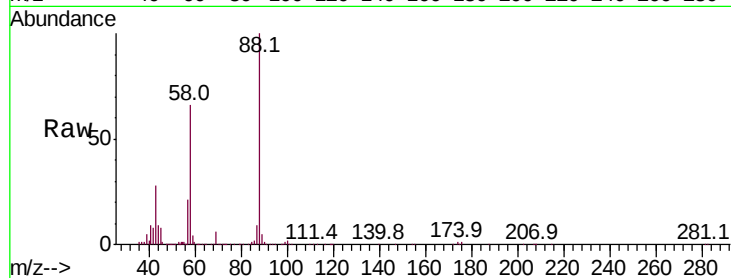
Tot Ion: 88 Resp: 101101

Ion Ratio Lower Upper

88 100

43 34.8 27.4 41.0

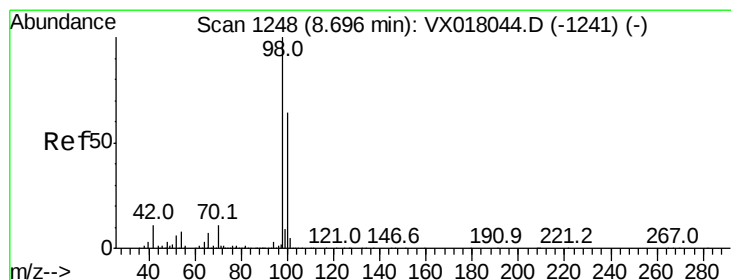
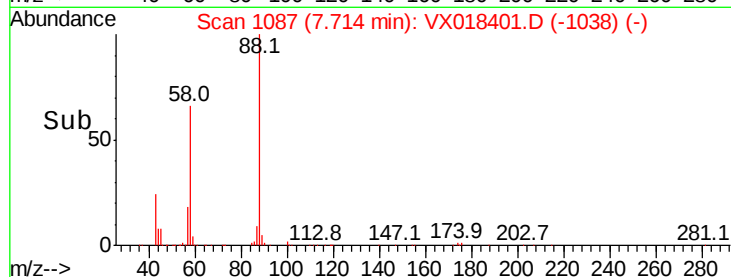
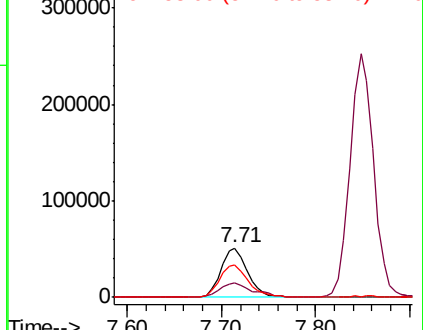
58 71.1 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.671 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018401.D

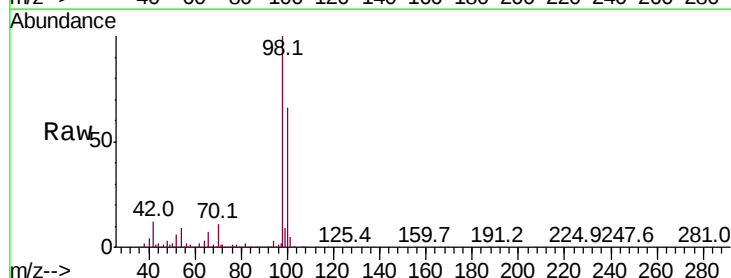
Acq: 15 Sep 2020 12:41

Tgt Ion: 98 Resp: 794390

Ion Ratio Lower Upper

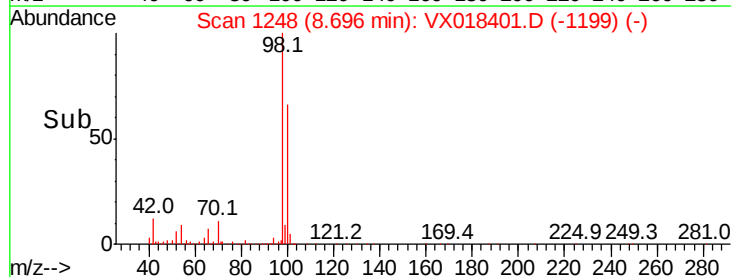
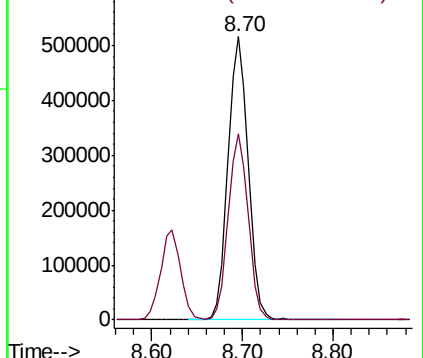
98 100

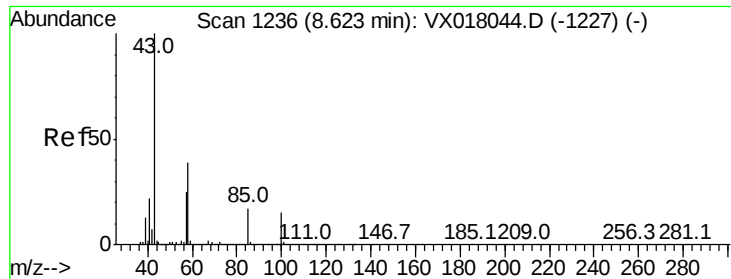
100 65.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

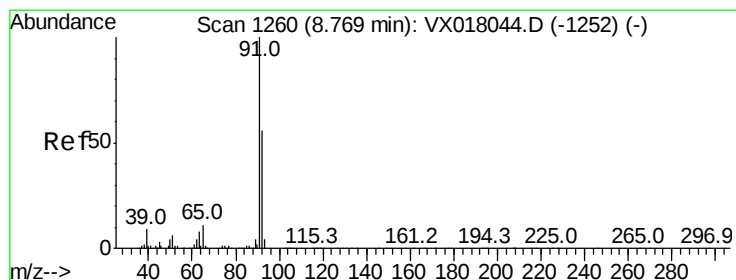
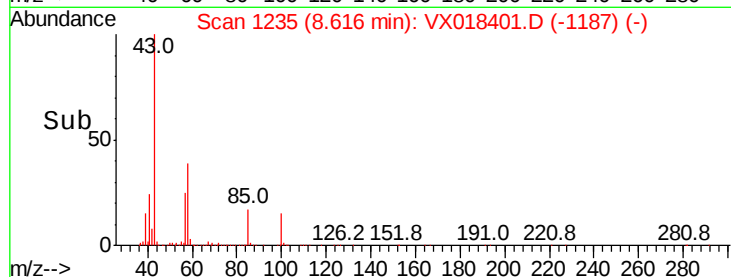
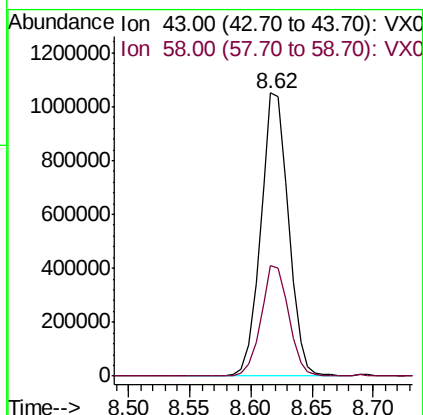
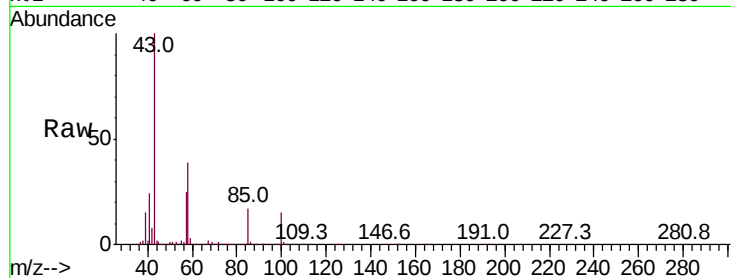




#51
4-Methyl-2-Pentanone
Concen: 246.378 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

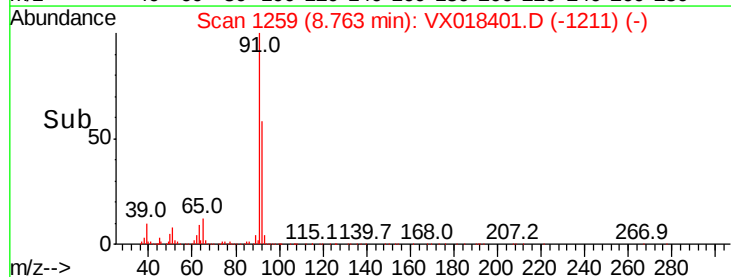
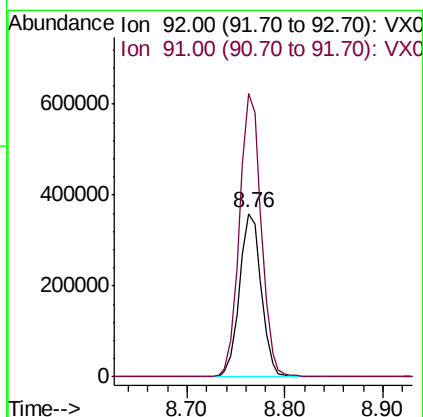
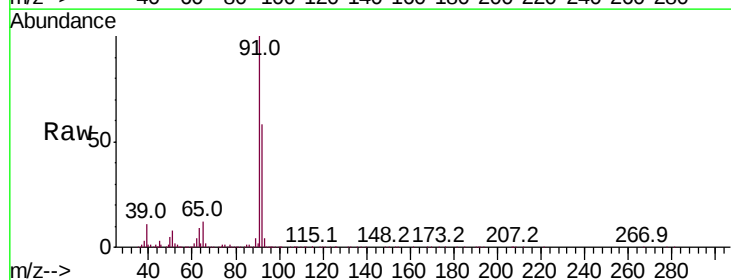
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

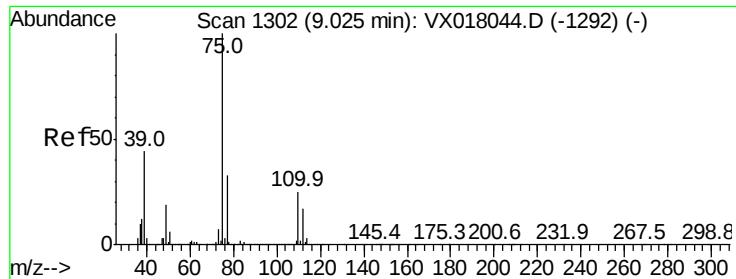
Tot Ion: 43 Resp: 1660267
Ion Ratio Lower Upper
43 100
58 38.9 30.7 46.1



#52
Toluene
Concen: 51.201 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion: 92 Resp: 554778
Ion Ratio Lower Upper
92 100
91 173.4 140.3 210.5

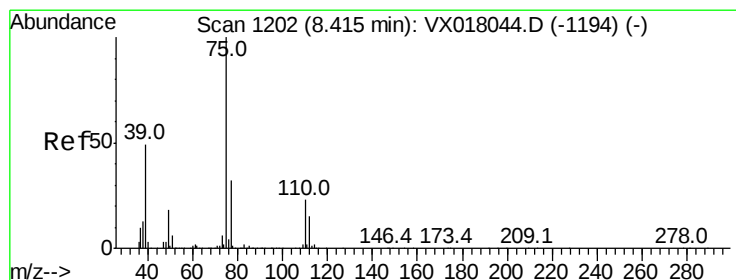
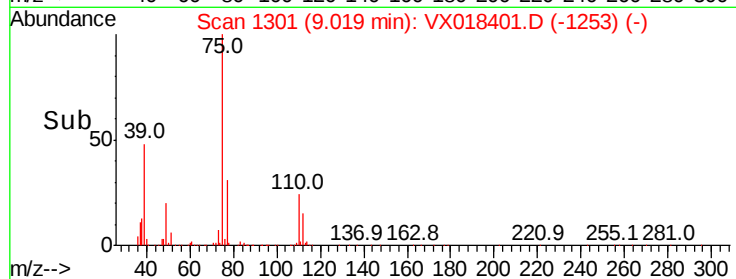
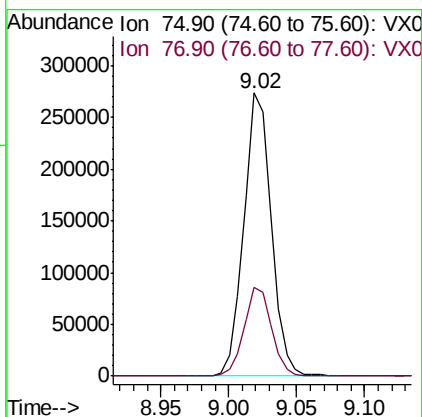
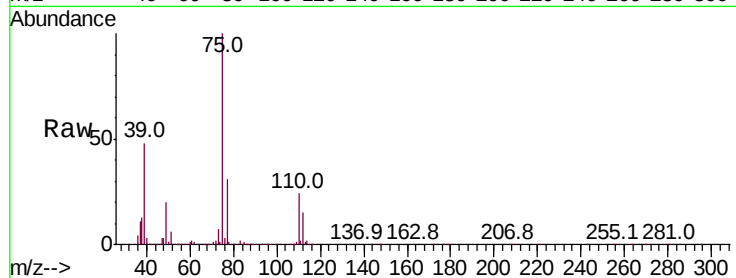




#53
t-1,3-Dichloropropene
Concen: 54.227 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

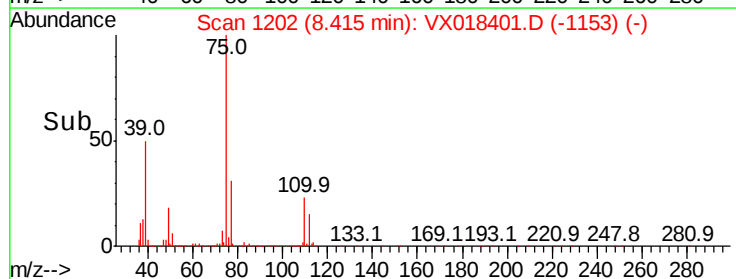
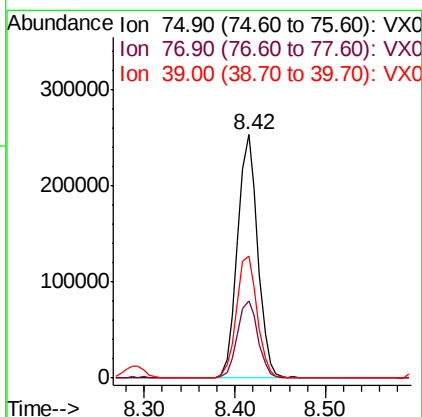
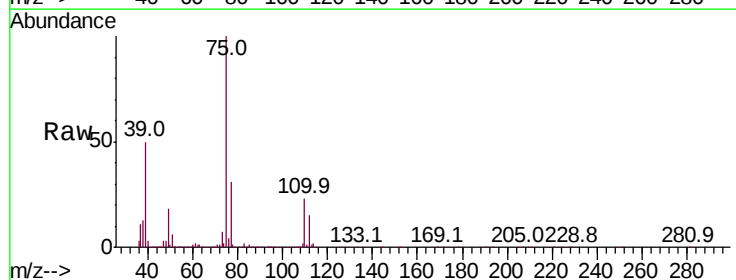
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

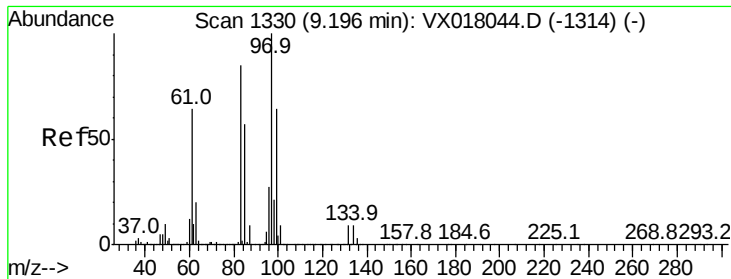
Tot Ion: 75 Resp: 388638
Ion Ratio Lower Upper
75 100
77 31.3 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 51.994 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion: 75 Resp: 394743
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 50.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 51.378 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 237427

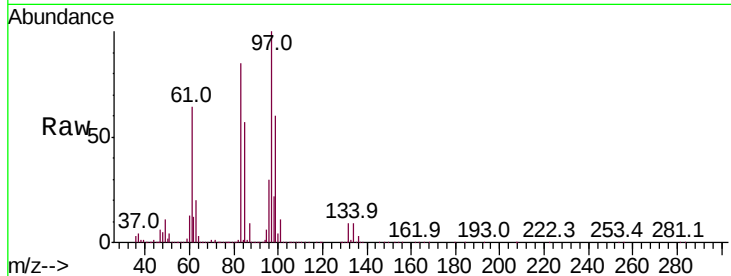
Ion Ratio Lower Upper

97 100

83 84.9 67.8 101.6

85 57.0 45.3 67.9

99 60.1 50.9 76.3

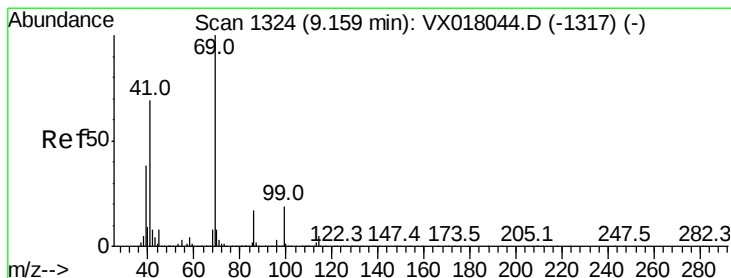
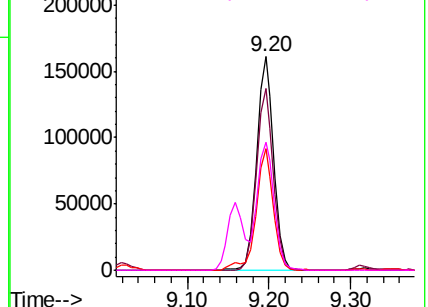
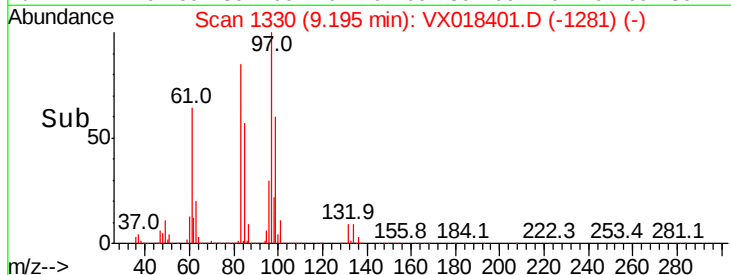


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.955 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

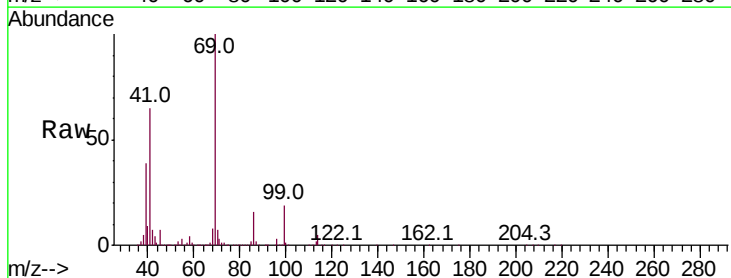
Tgt Ion: 69 Resp: 350052

Ion Ratio Lower Upper

69 100

41 67.8 54.6 81.8

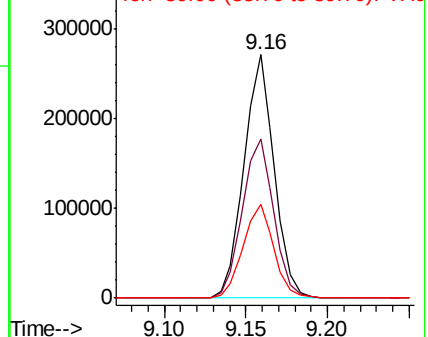
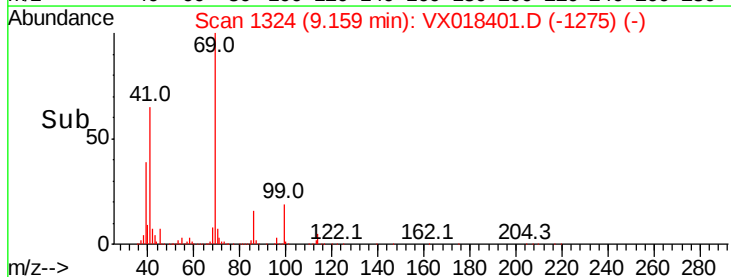
39 39.8 29.1 43.7

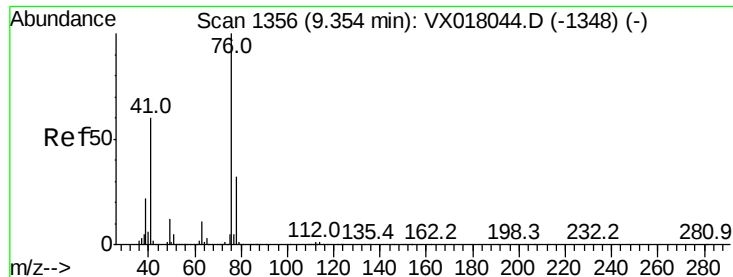


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.705 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

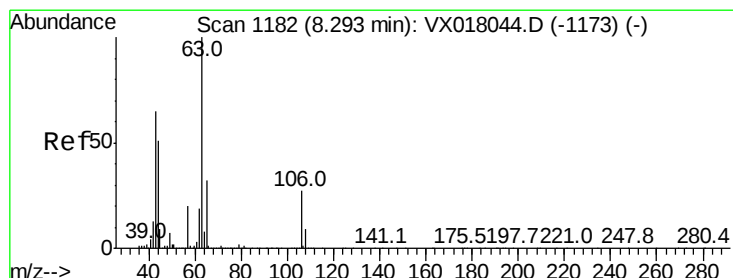
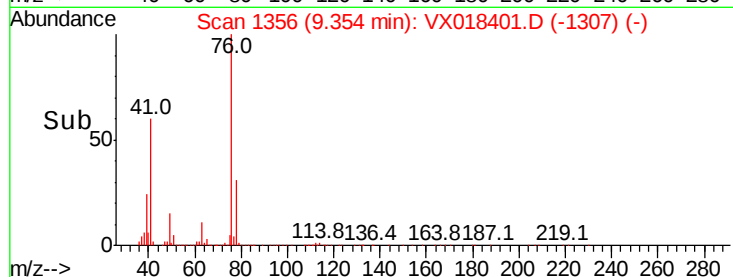
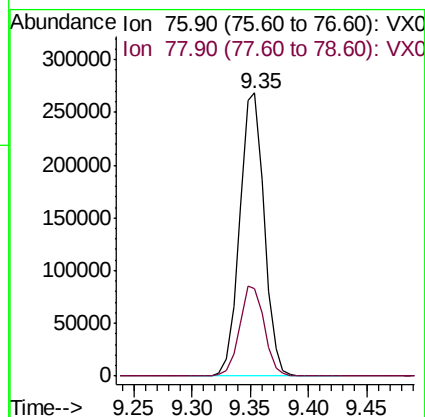
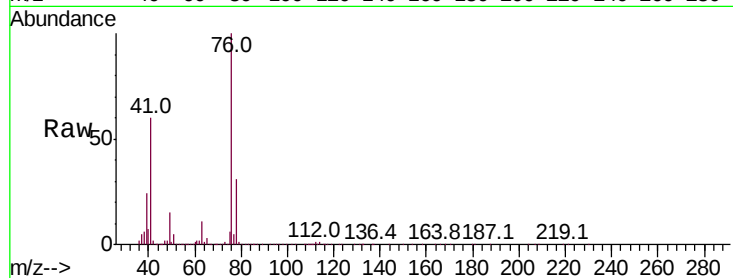
VSTDCCC050

Tot Ion: 76 Resp: 394095

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 274.100 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018401.D

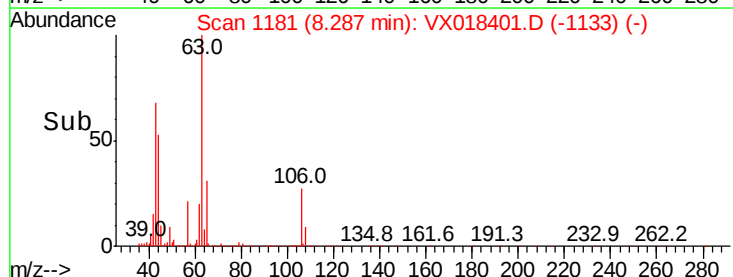
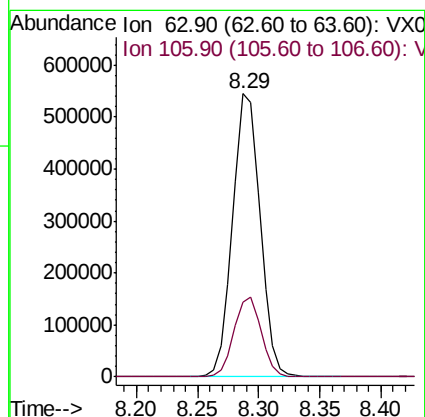
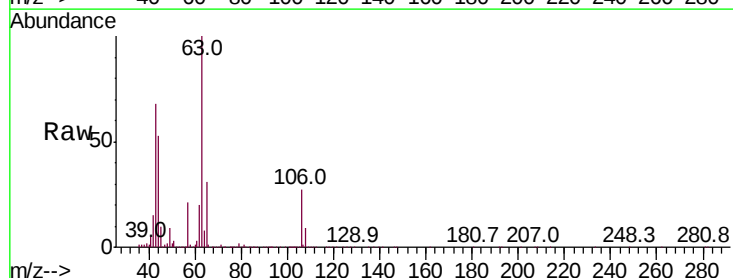
Acq: 15 Sep 2020 12:41

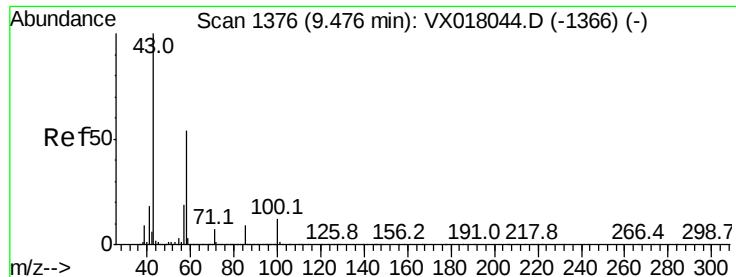
Tgt Ion: 63 Resp: 847070

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1

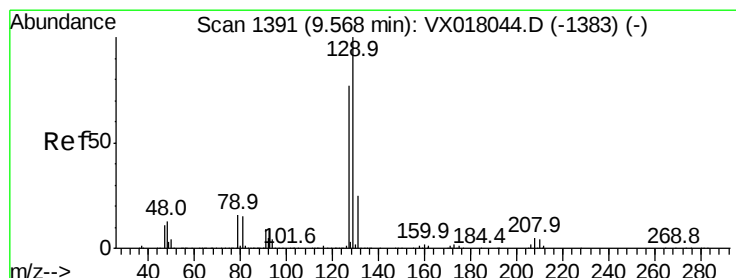
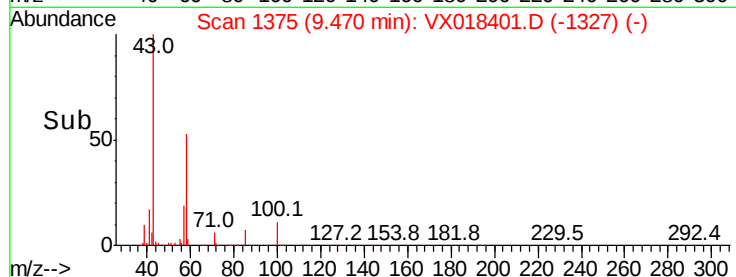
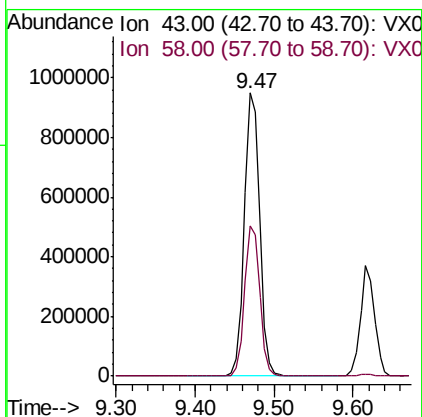
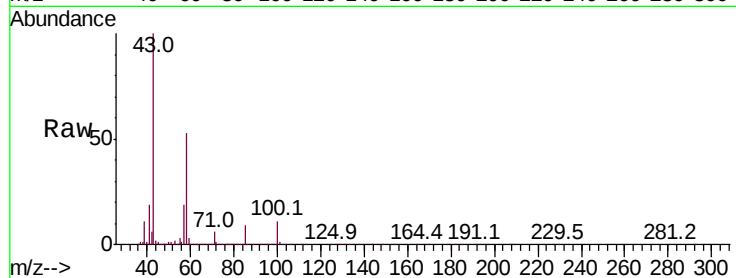




#59
 2-Hexanone
 Concen: 248.497 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VX018401.D
 Acq: 15 Sep 2020 12:41

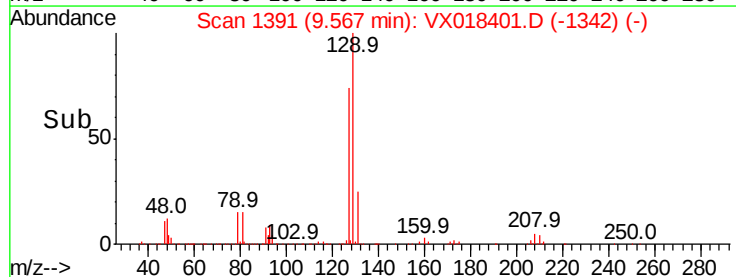
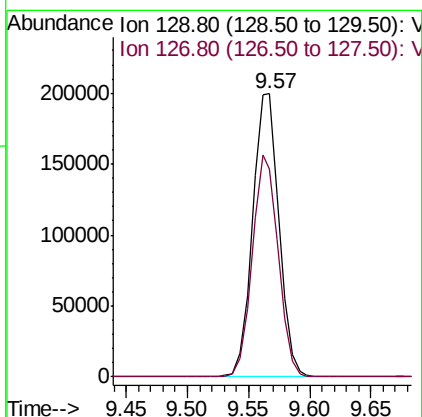
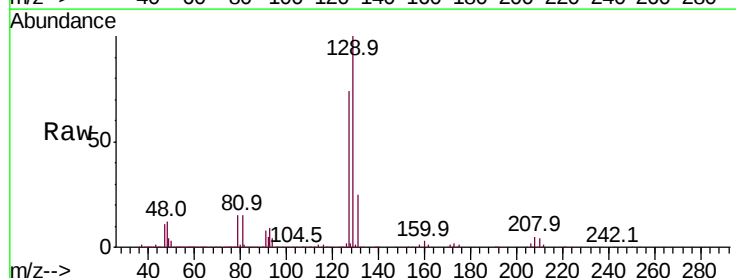
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

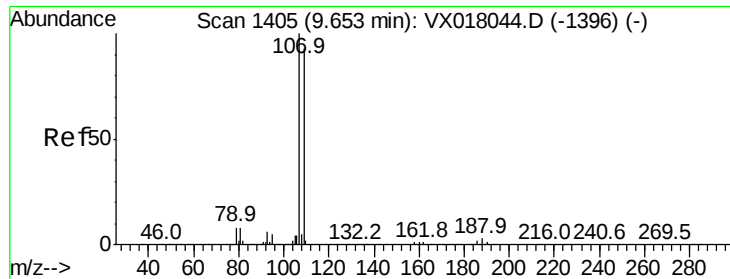
Tot Ion: 43 Resp: 1273305
 Ion Ratio Lower Upper
 43 100
 58 52.8 26.6 79.7



#60
 Dibromochloromethane
 Concen: 55.646 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX018401.D
 Acq: 15 Sep 2020 12:41

Tgt Ion:129 Resp: 301657
 Ion Ratio Lower Upper
 129 100
 127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.926 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

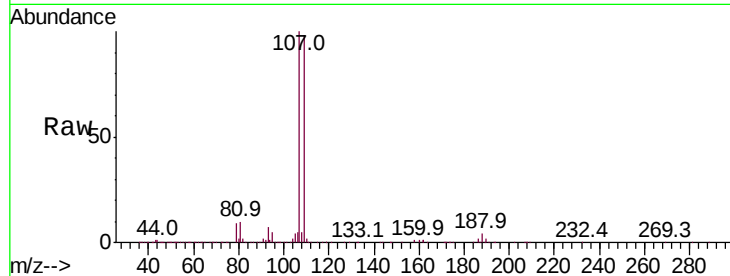
VSTDCCC050

Tot Ion:107 Resp: 255497

Ion Ratio Lower Upper

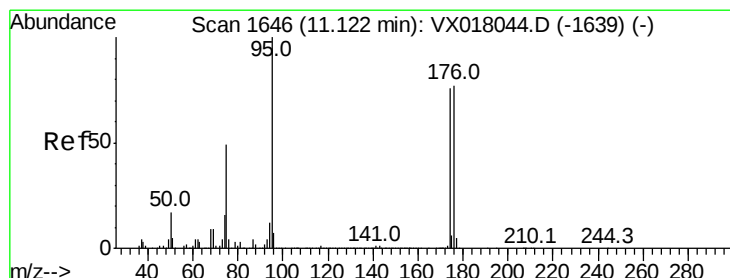
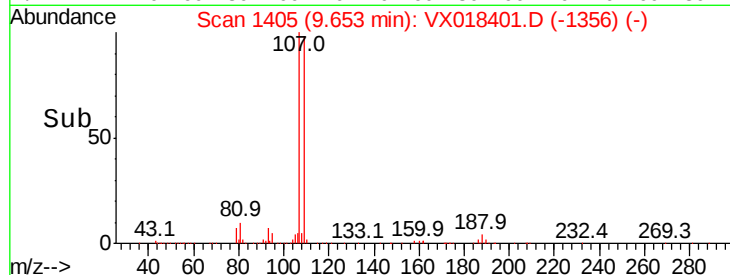
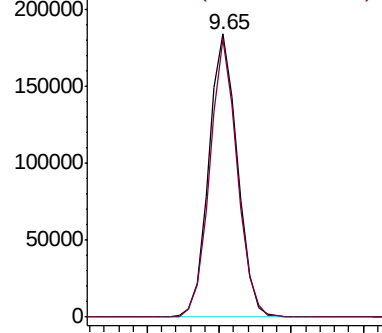
107 100

109 94.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.577 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

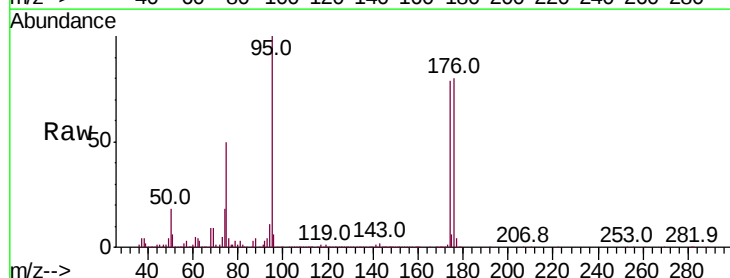
Tgt Ion: 95 Resp: 337123

Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.2

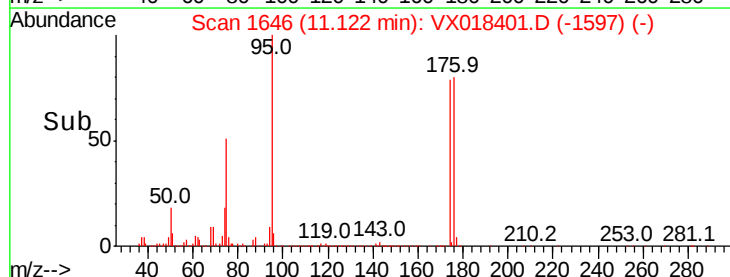
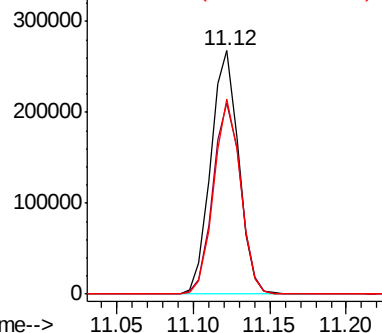
176 77.1 0.0 155.8

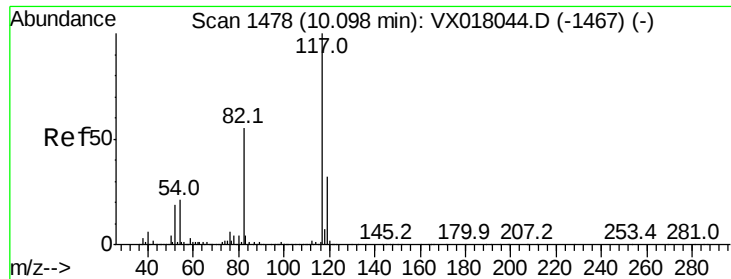


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

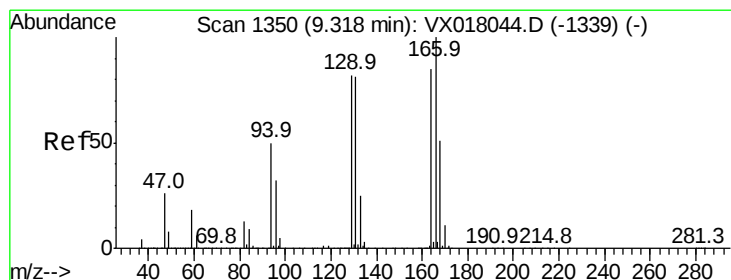
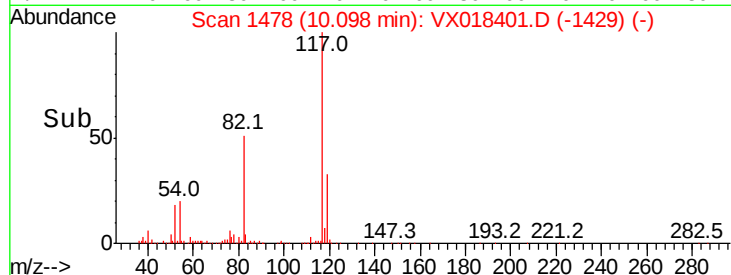
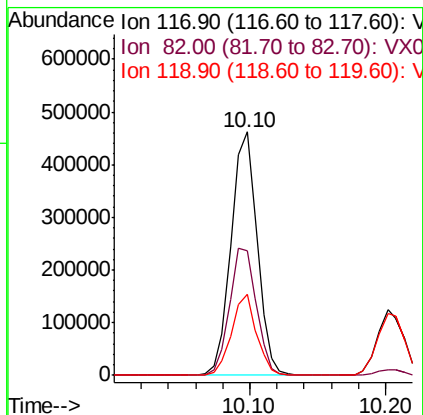
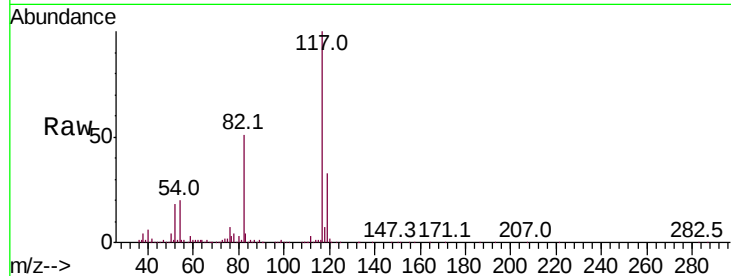




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

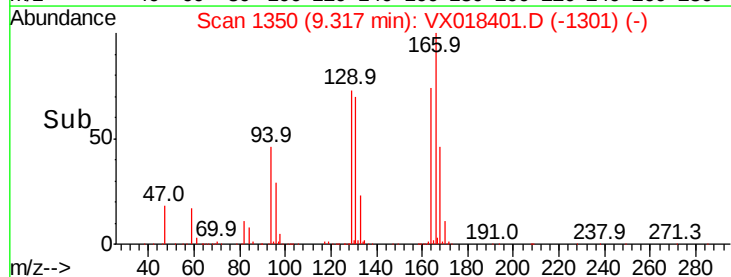
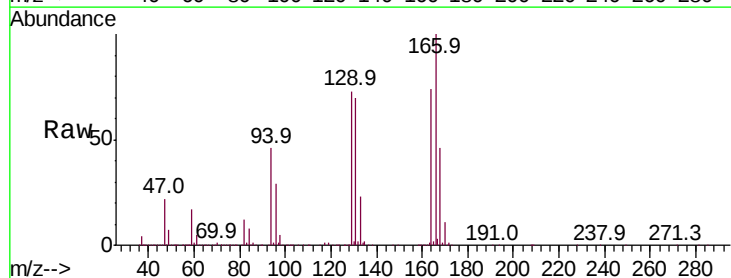
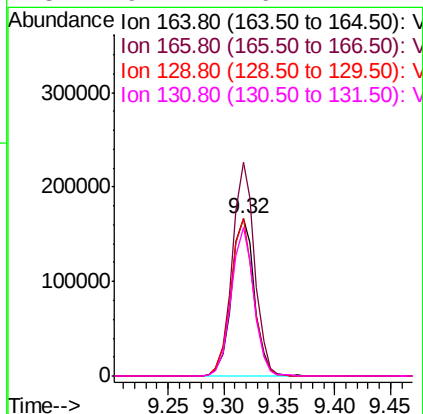
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

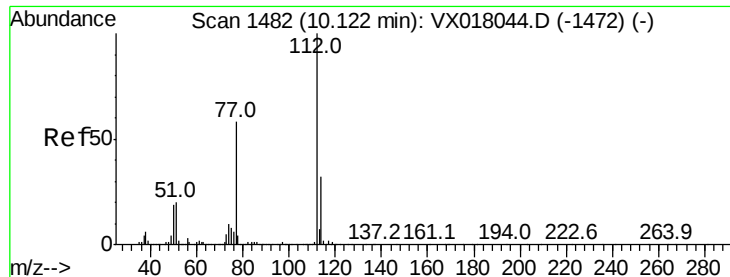
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	44.2	66.2
119	33.1	25.7	38.5



#64
Tetrachloroethene
Concen: 52.184 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.7	94.2	141.2
129	99.7	76.9	115.3
131	94.7	76.1	114.1





#65

Chlorobenzene

Concen: 50.441 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

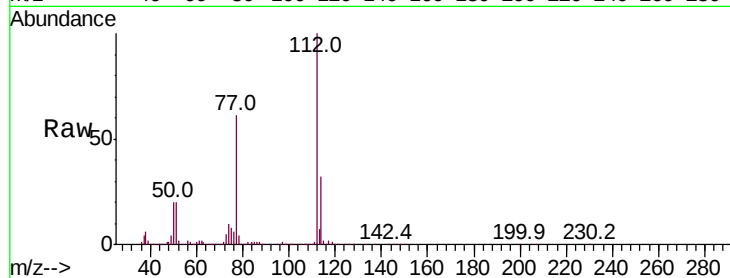
VSTDCCC050

Tot Ion:112 Resp: 622627

Ion Ratio Lower Upper

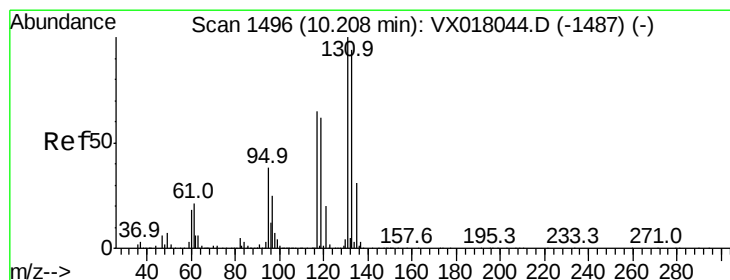
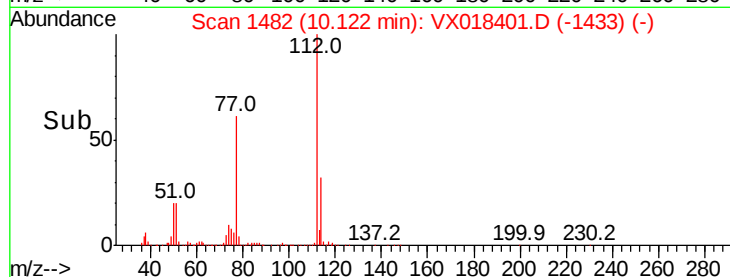
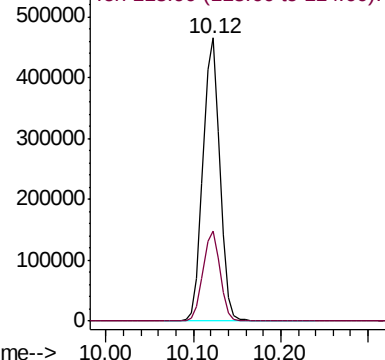
112 100

114 31.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.123 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

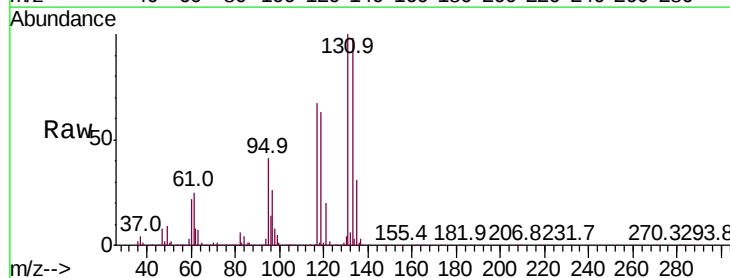
Tgt Ion:131 Resp: 258445

Ion Ratio Lower Upper

131 100

133 96.6 46.7 140.1

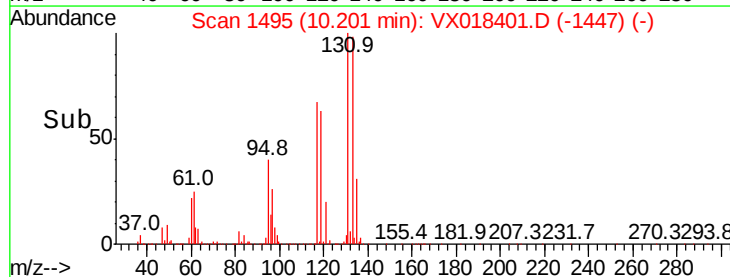
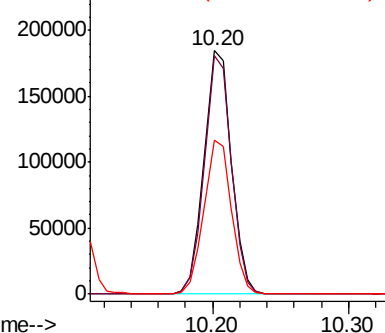
119 63.8 31.8 95.4

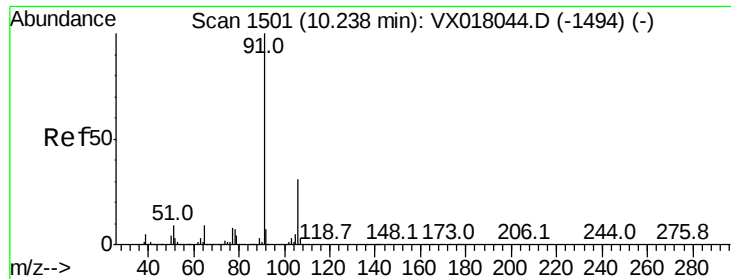


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

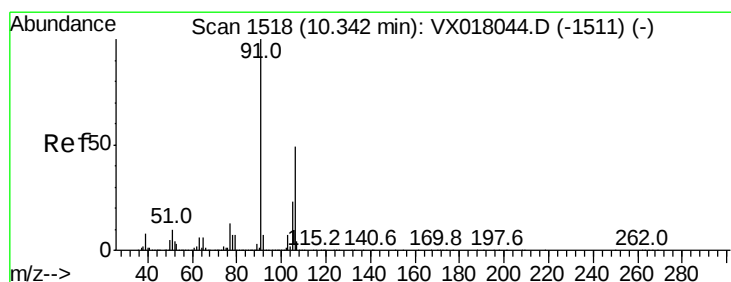
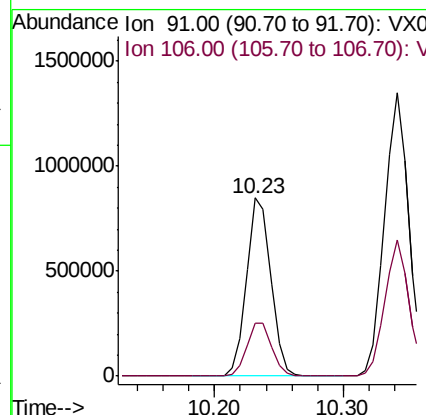
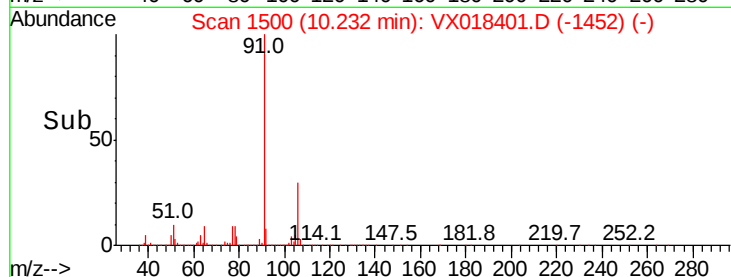
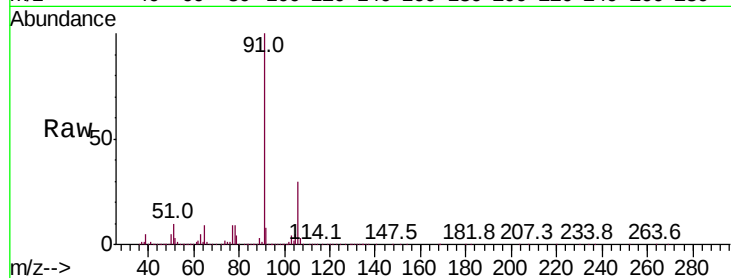




#67
Ethyl Benzene
Concen: 52.577 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

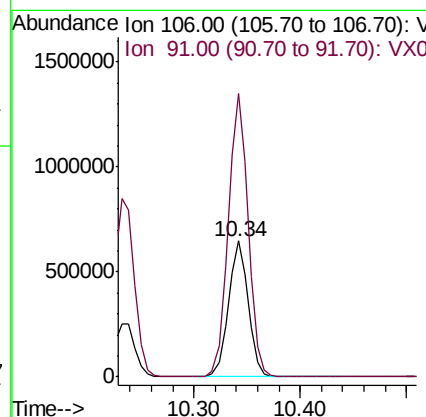
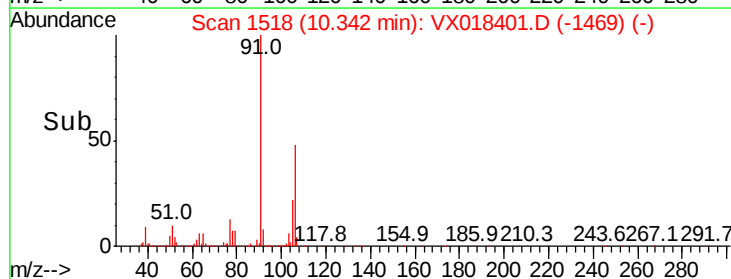
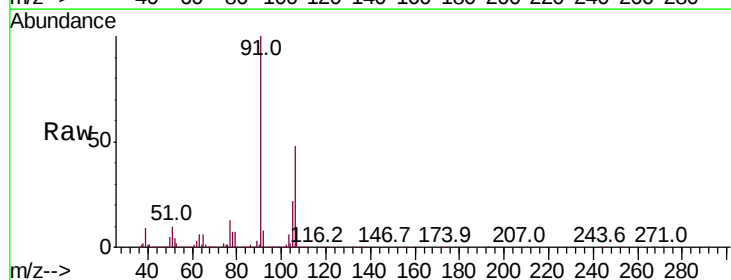
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

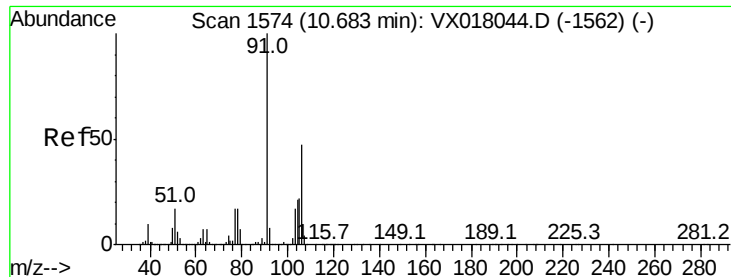
Tot Ion: 91 Resp: 1103675
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#68
m/p-Xylenes
Concen: 106.817 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion: 106 Resp: 836912
Ion Ratio Lower Upper
106 100
91 209.7 162.2 243.2





#69

o-Xylene

Concen: 52.539 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

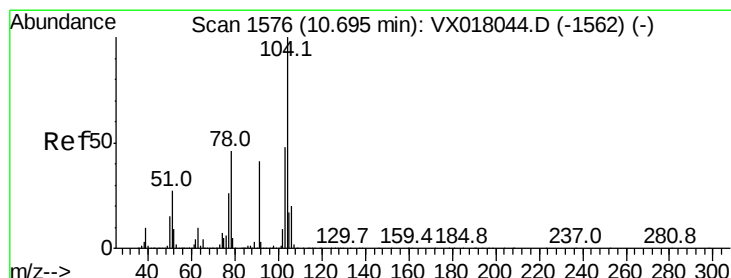
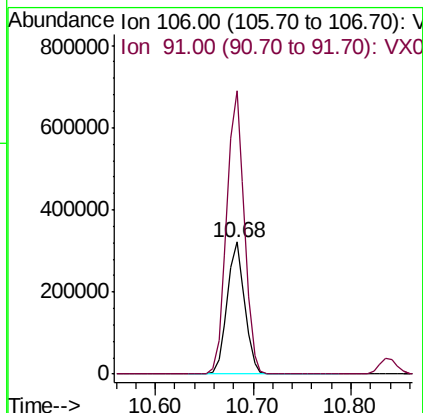
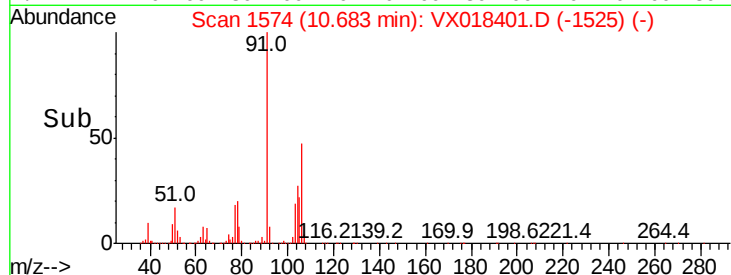
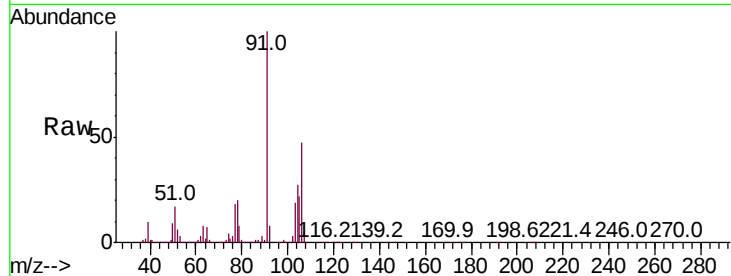
VSTDCCC050

Tot Ion:106 Resp: 399047

Ion Ratio Lower Upper

106 100

91 217.2 107.1 321.3



#70

Styrene

Concen: 54.537 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

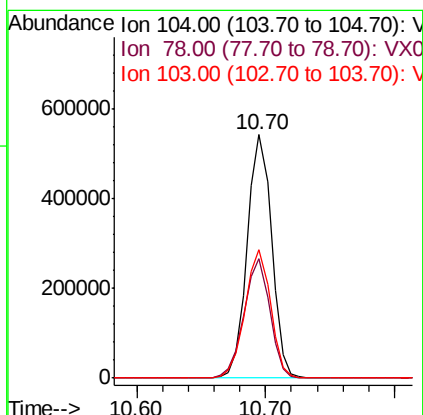
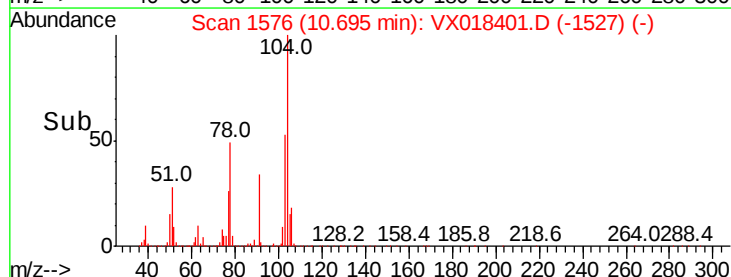
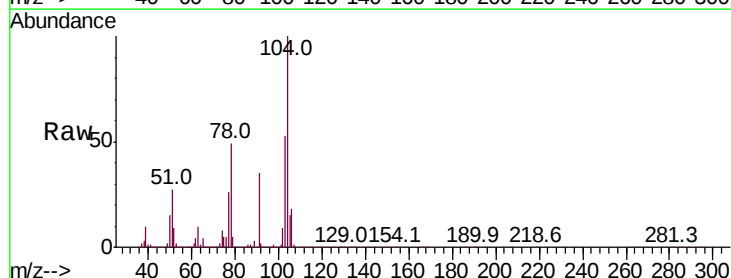
Tgt Ion:104 Resp: 705408

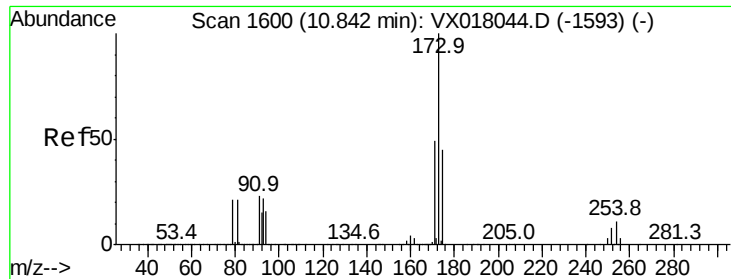
Ion Ratio Lower Upper

104 100

78 52.4 40.9 61.3

103 55.5 43.6 65.4





#71

Bromoform

Concen: 54.798 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

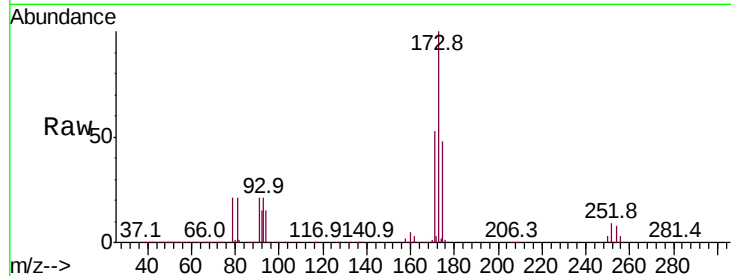
Tot Ion:173 Resp: 227393

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.8

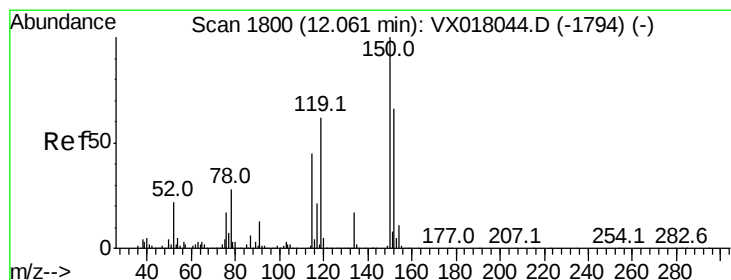
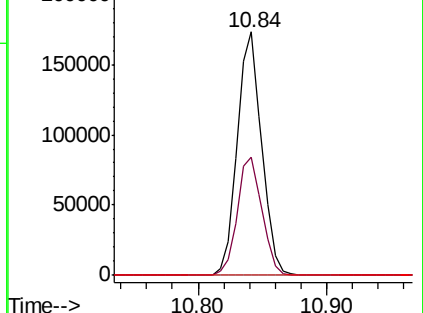
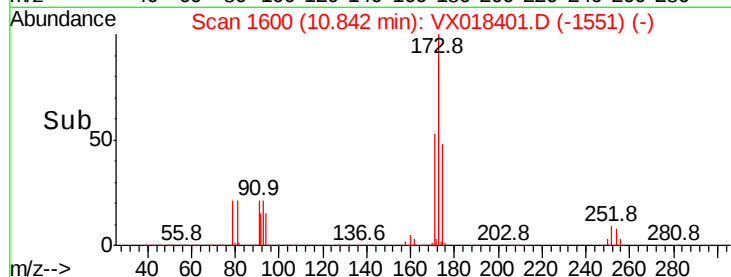
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

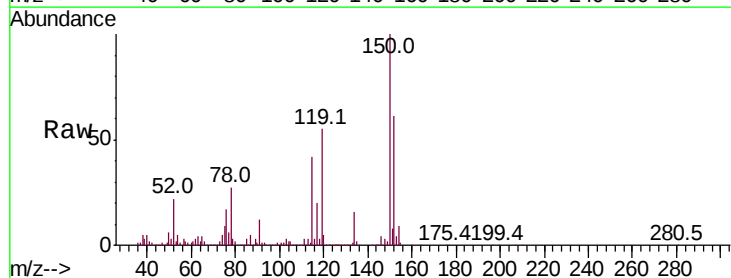
Tgt Ion:152 Resp: 332209

Ion Ratio Lower Upper

152 100

115 84.7 41.5 124.5

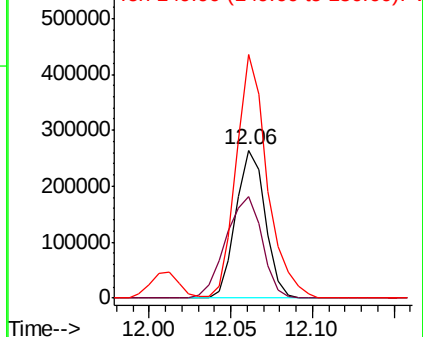
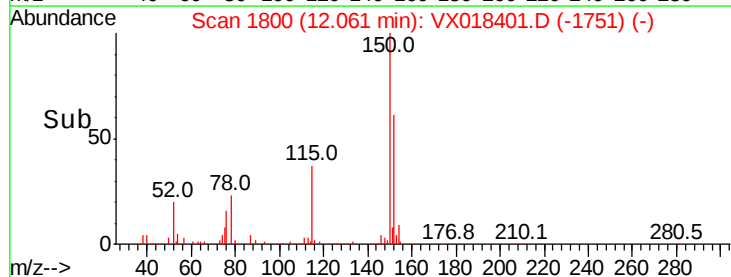
150 173.0 0.0 343.8

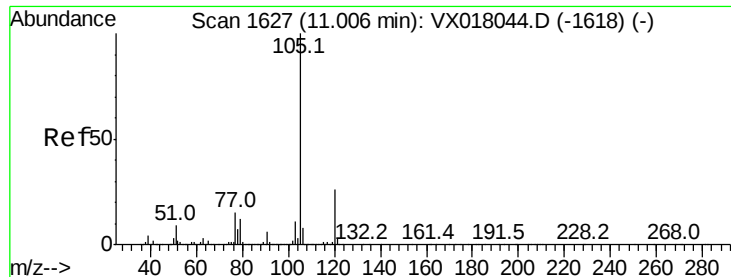


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.419 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

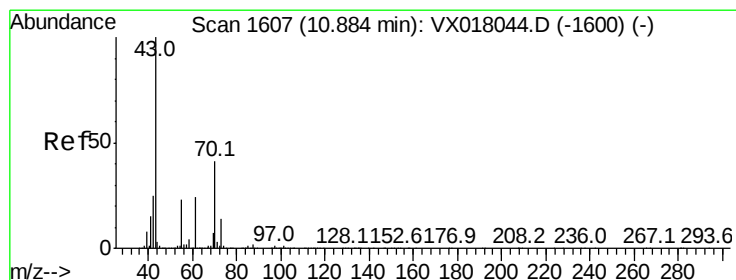
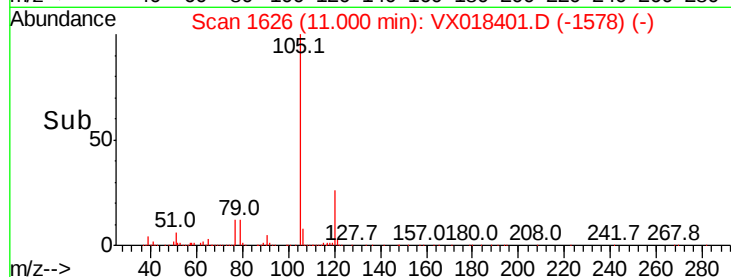
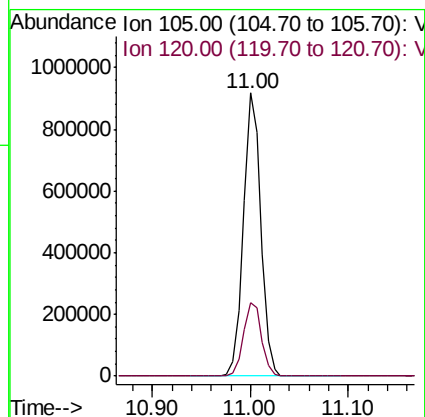
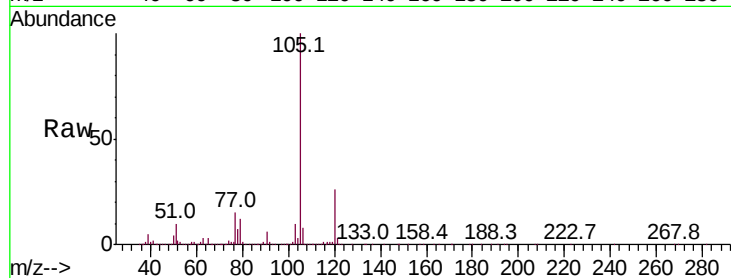
VSTDCCC050

Tot Ion:105 Resp: 1126736

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 46.490 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion: 43 Resp: 483356

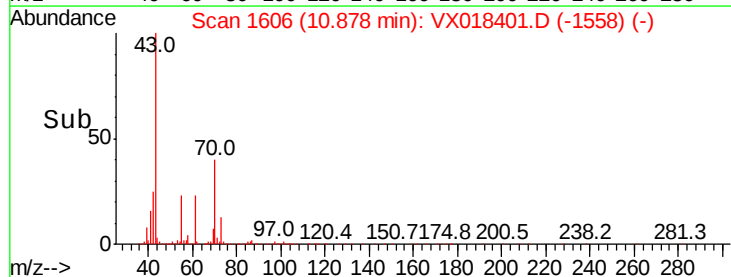
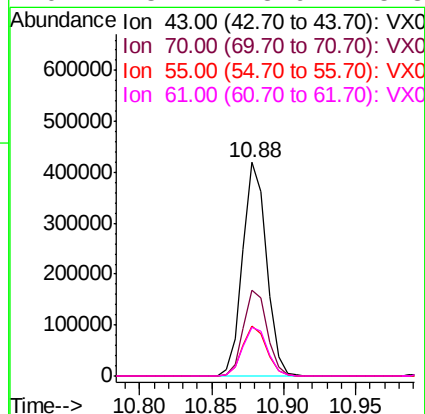
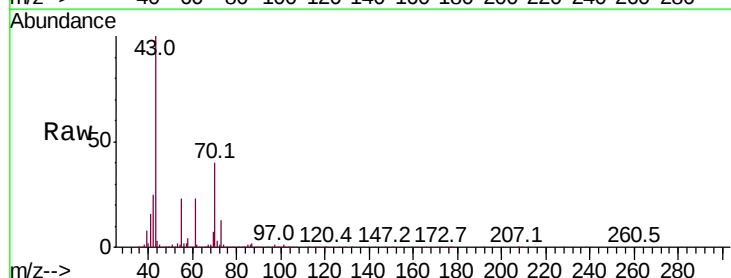
Ion Ratio Lower Upper

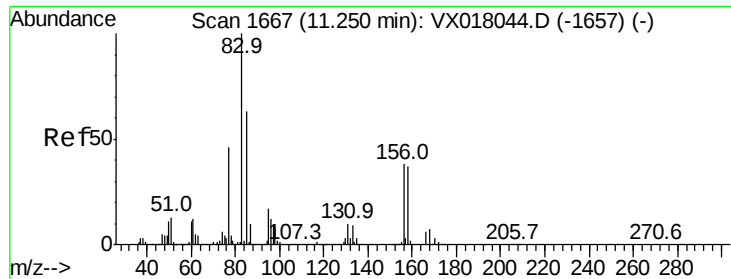
43 100

70 40.3 32.3 48.5

55 23.7 18.2 27.2

61 23.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.221 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

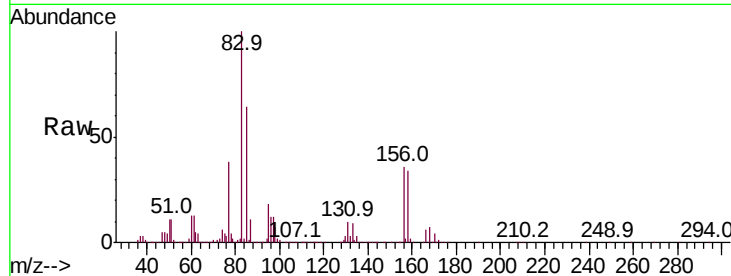
Tot Ion: 83 Resp: 349566

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

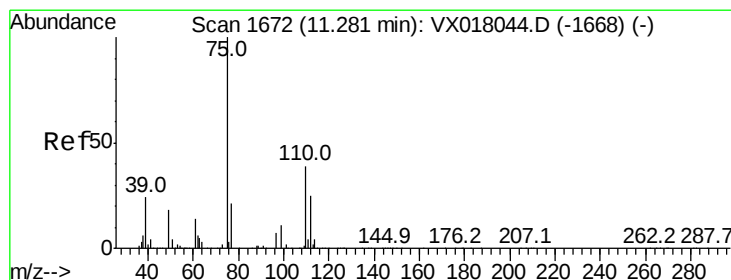
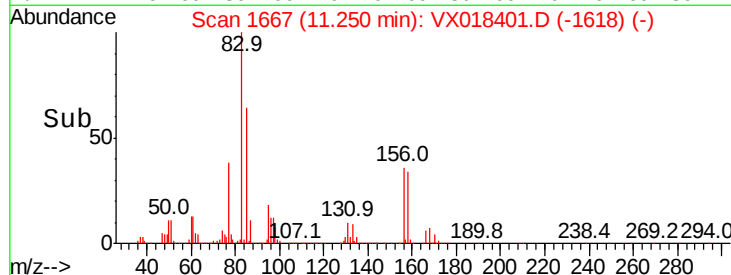
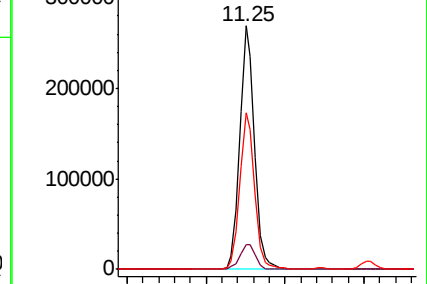
85 65.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.109 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018401.D

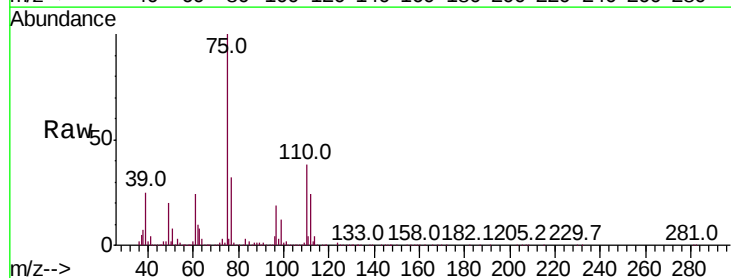
Acq: 15 Sep 2020 12:41

Tgt Ion: 75 Resp: 444212

Ion Ratio Lower Upper

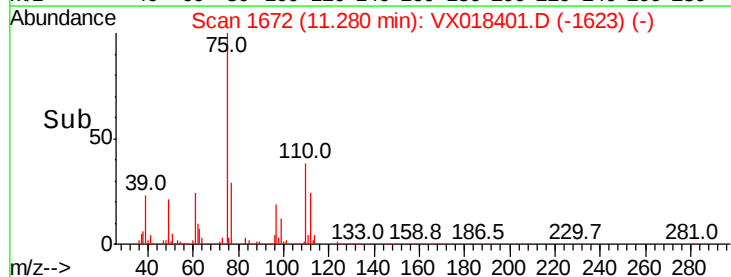
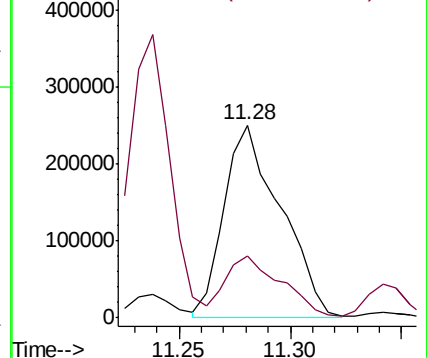
75 100

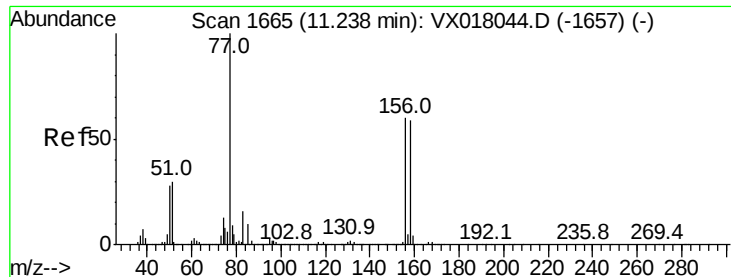
77 31.8 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.489 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

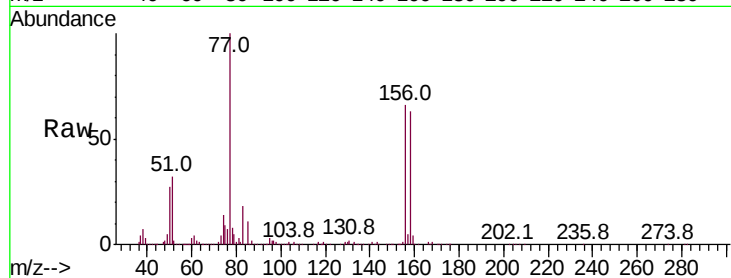
Tot Ion:156 Resp: 299762

Ion Ratio Lower Upper

156 100

77 158.4 80.0 240.2

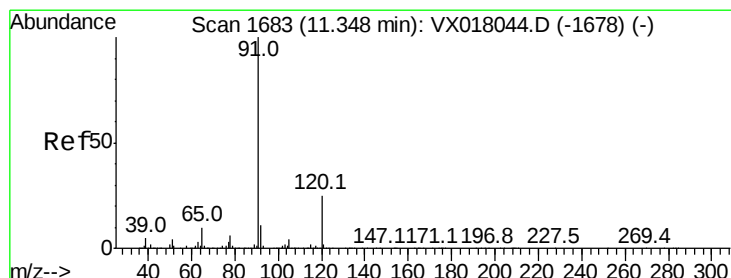
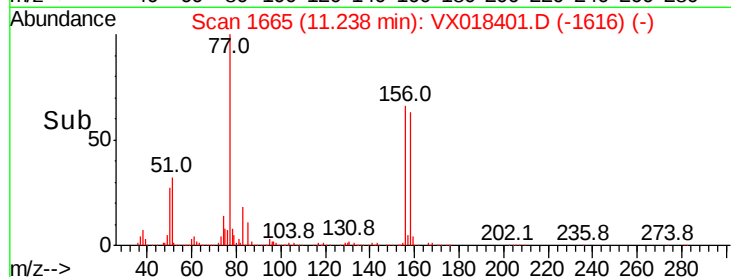
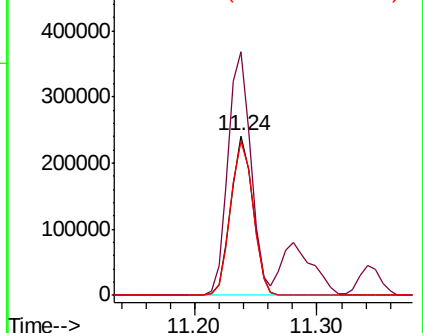
158 99.2 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.865 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018401.D

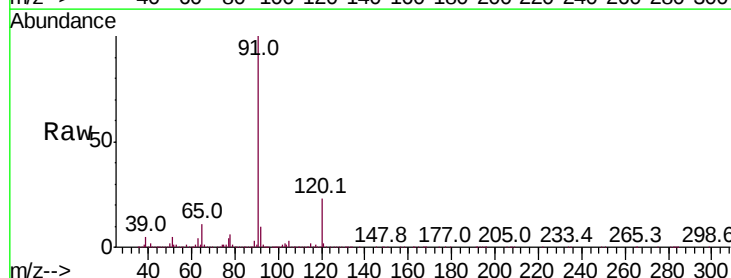
Acq: 15 Sep 2020 12:41

Tgt Ion: 91 Resp: 1315340

Ion Ratio Lower Upper

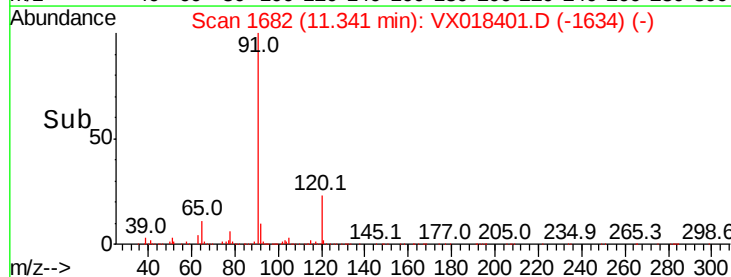
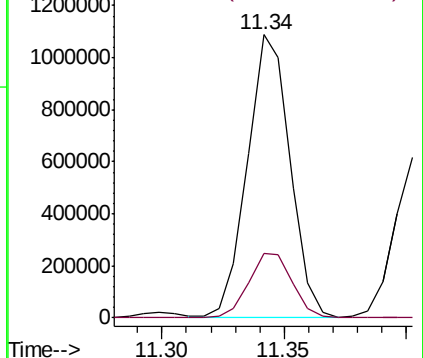
91 100

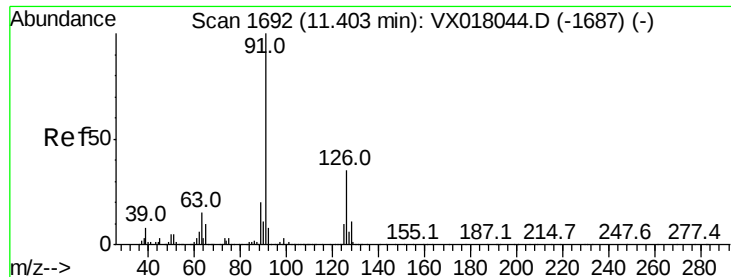
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.980 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

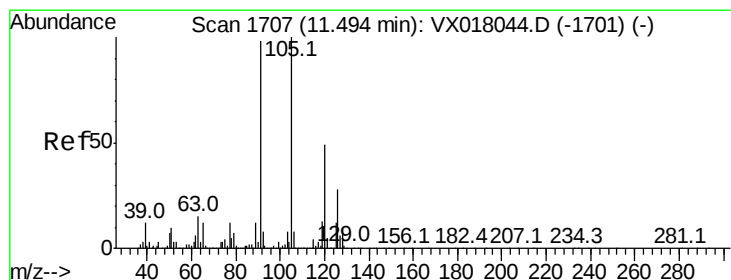
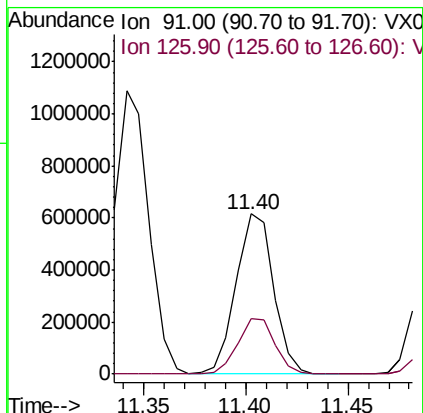
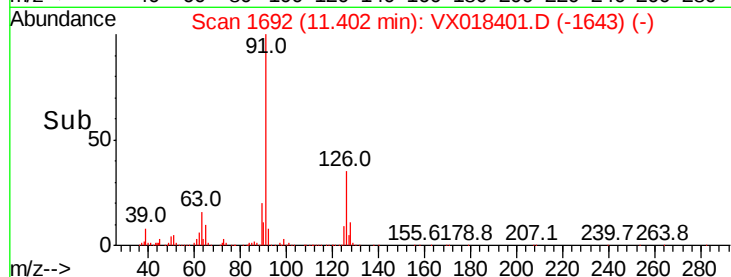
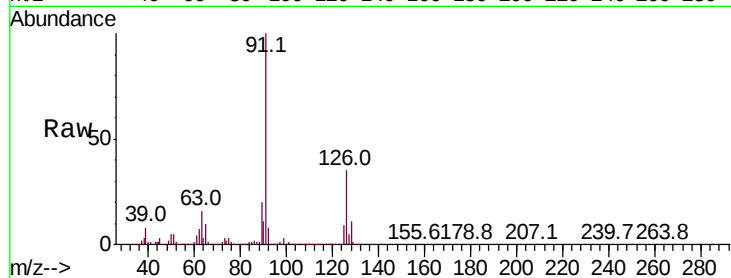
VSTDCCC050

Tot Ion: 91 Resp: 783661

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 54.153 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018401.D

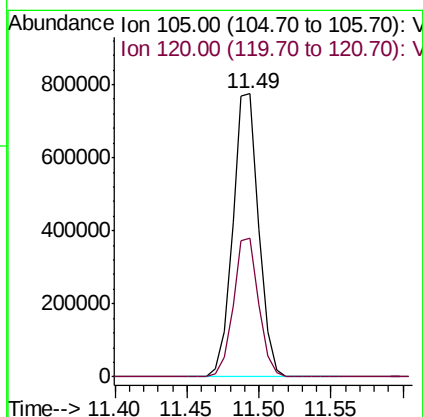
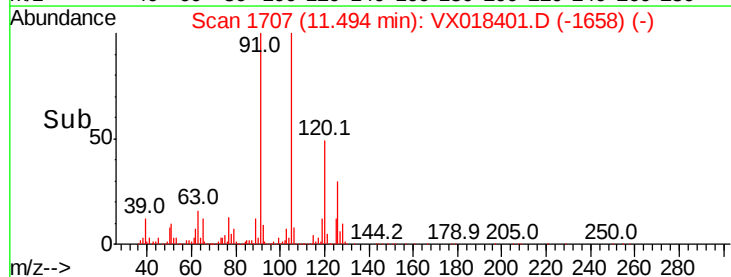
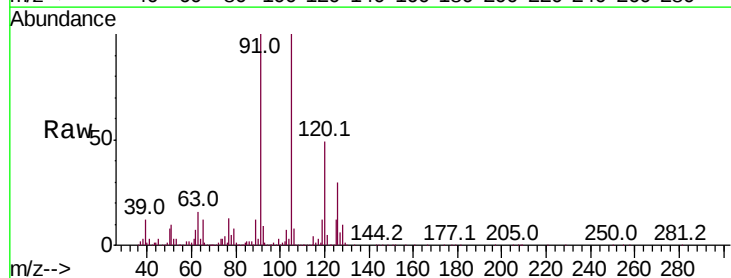
Acq: 15 Sep 2020 12:41

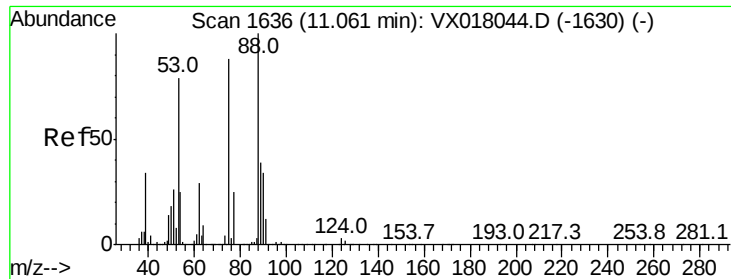
Tgt Ion: 105 Resp: 975126

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.397 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

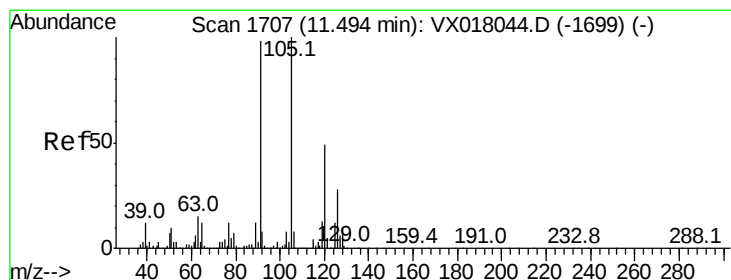
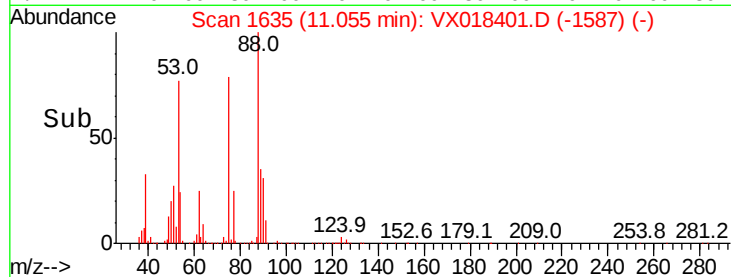
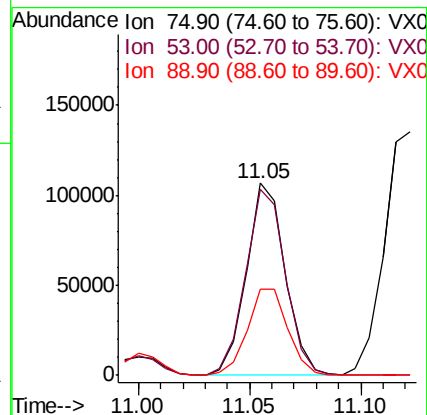
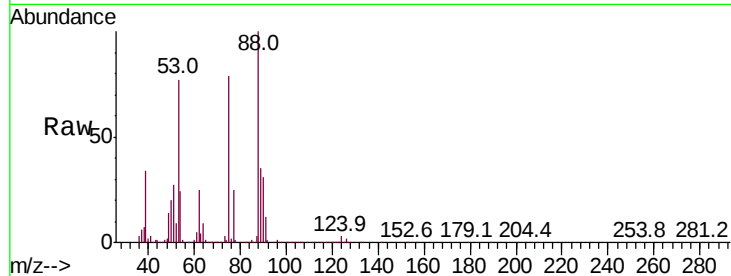
Tot Ion: 75 Resp: 129689

Ion Ratio Lower Upper

75 100

53 99.4 74.7 112.1

89 47.6 36.6 54.8



#82

4-Chlorotoluene

Concen: 51.747 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018401.D

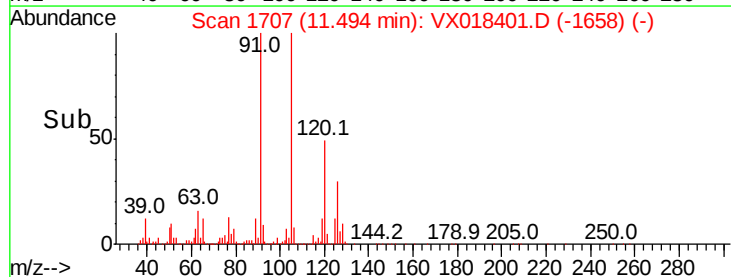
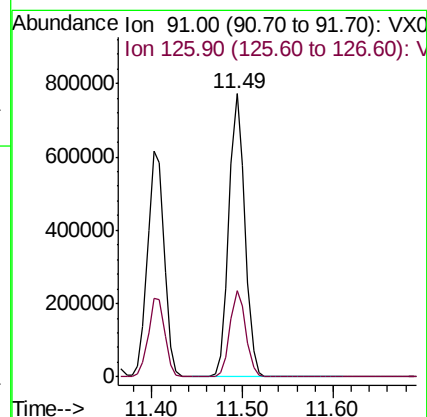
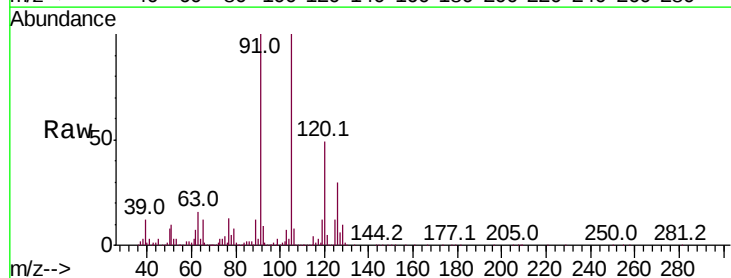
Acq: 15 Sep 2020 12:41

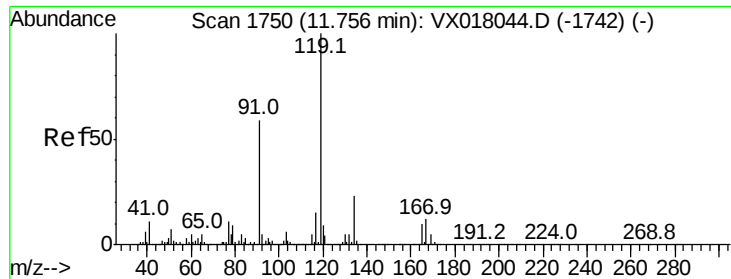
Tgt Ion: 91 Resp: 945644

Ion Ratio Lower Upper

91 100

126 30.2 15.1 45.3





#83

tert-Butylbenzene

Concen: 53.091 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

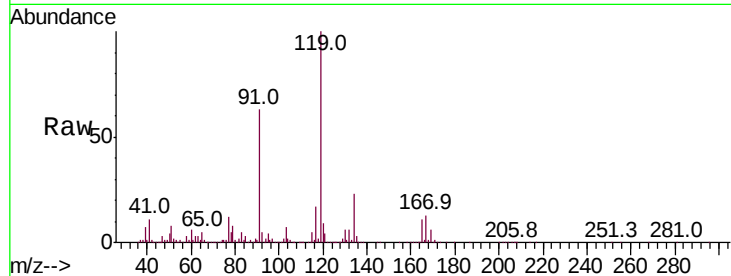
Tot Ion:119 Resp: 943453

Ion Ratio Lower Upper

119 100

91 59.3 28.2 84.7

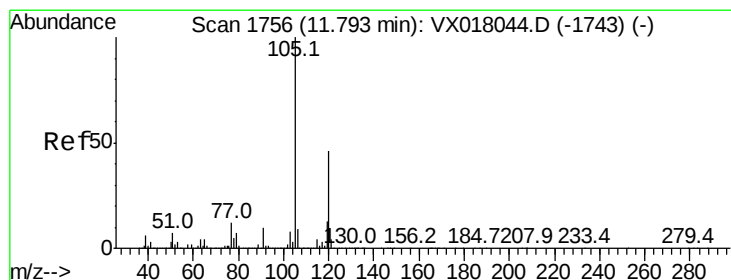
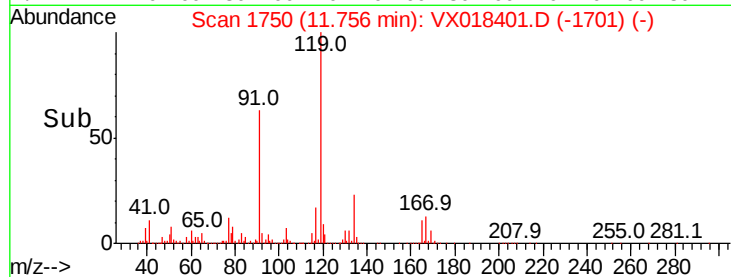
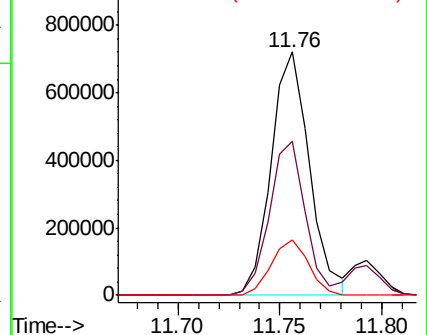
134 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.566 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018401.D

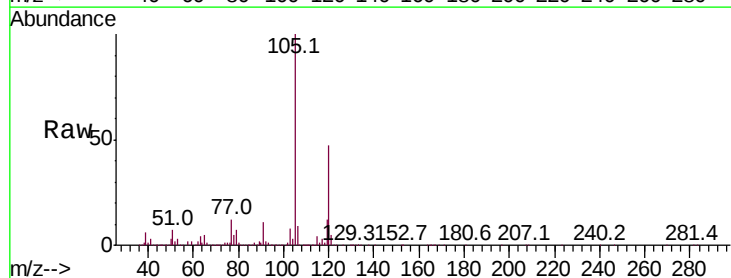
Acq: 15 Sep 2020 12:41

Tgt Ion:105 Resp: 986165

Ion Ratio Lower Upper

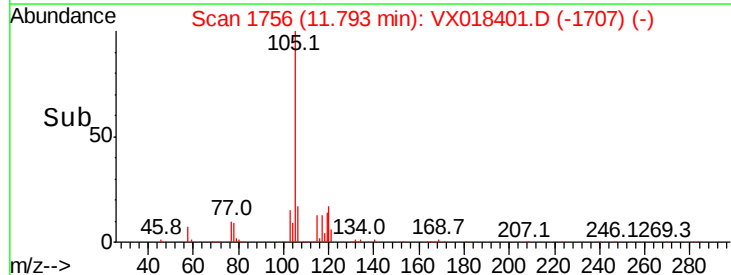
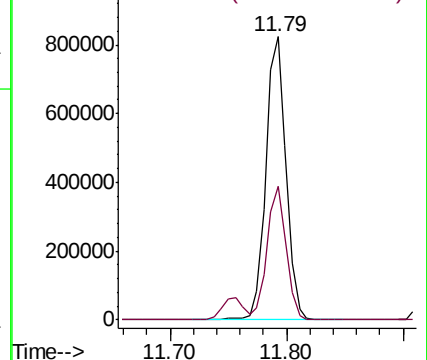
105 100

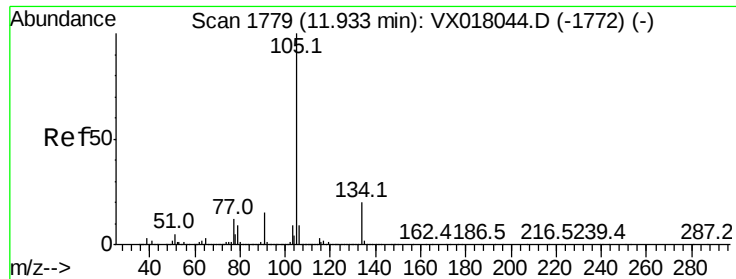
120 45.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.277 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

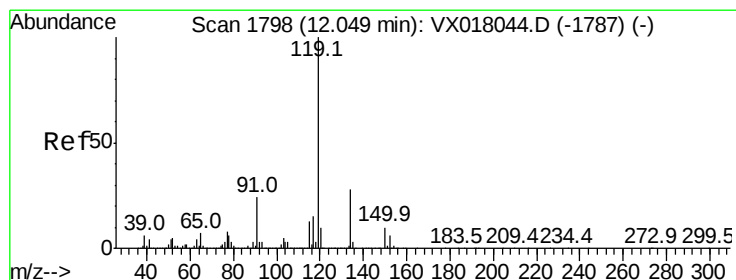
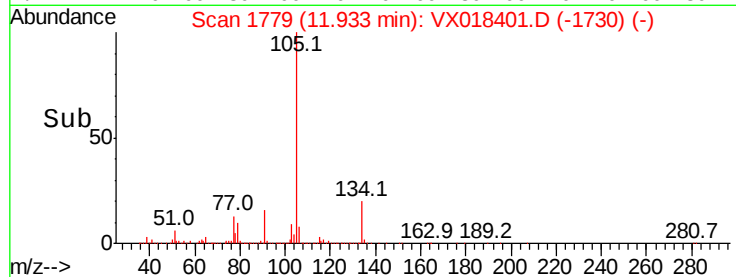
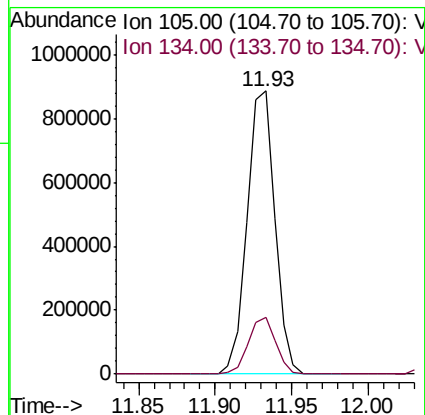
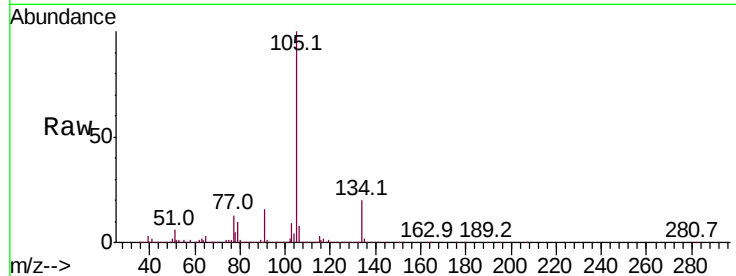
VSTDCCC050

Tot Ion:105 Resp: 1117078

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 56.809 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

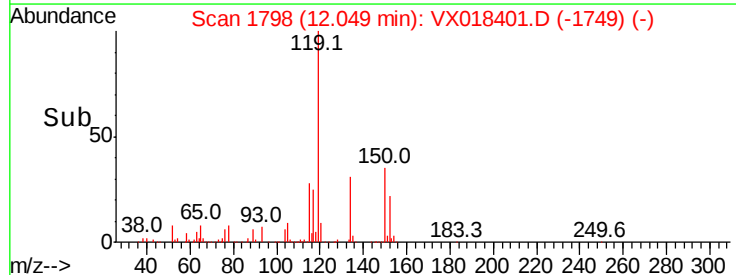
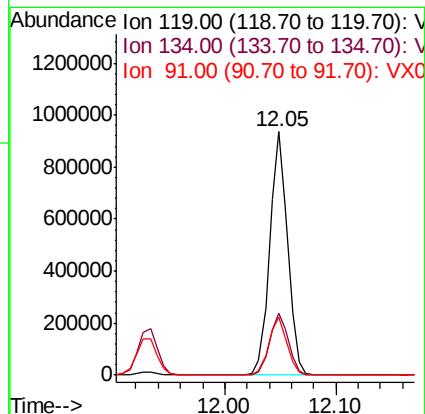
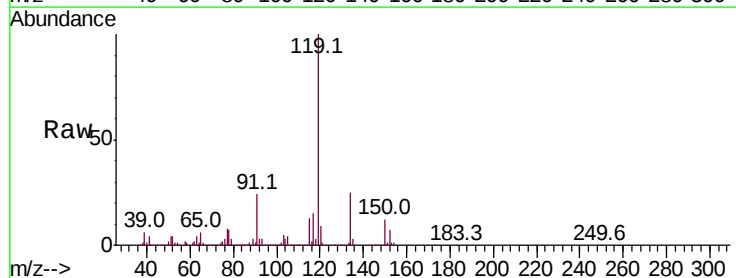
Tgt Ion:119 Resp: 1054545

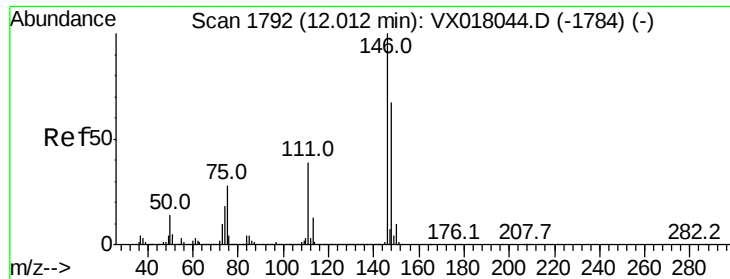
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.2 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.983 ug/l

RT: 12.01 min Scan# 1791

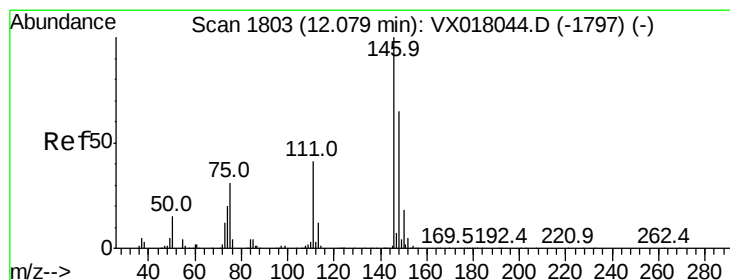
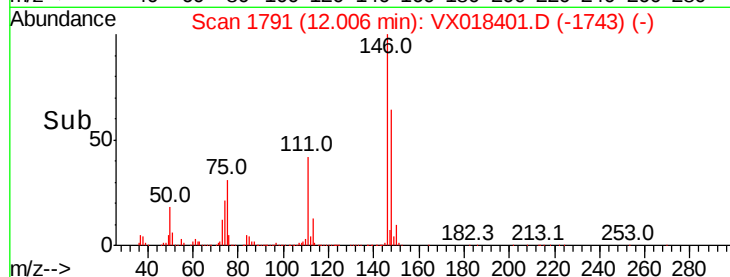
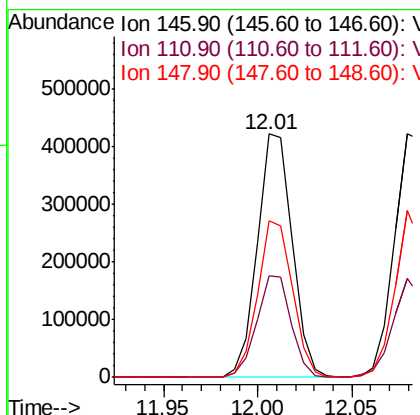
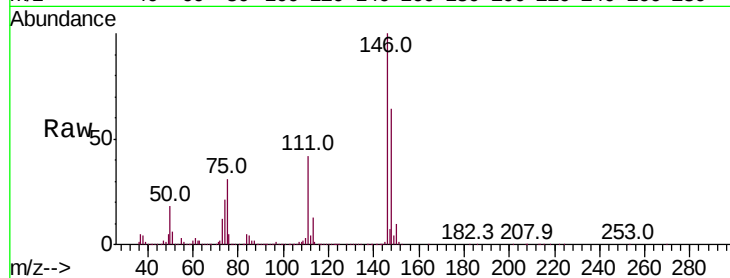
Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	64.3	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 50.619 ug/l

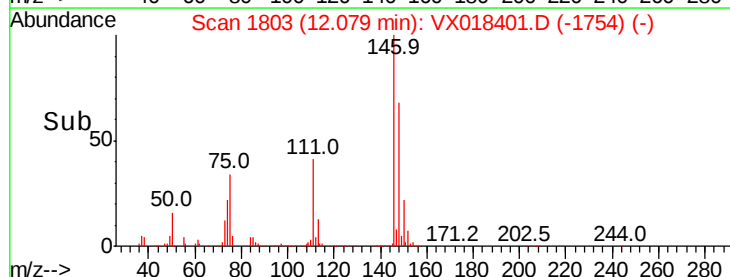
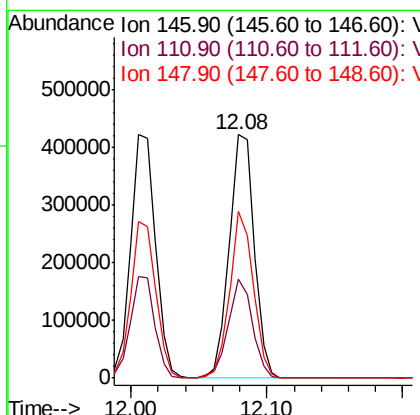
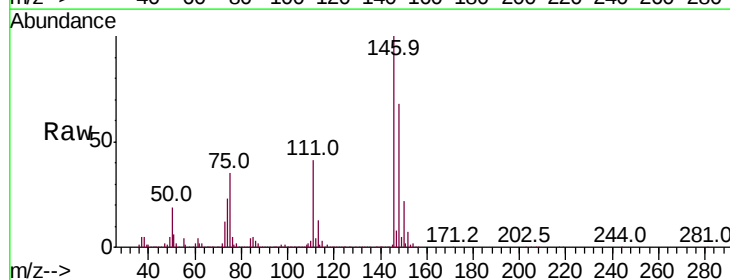
RT: 12.08 min Scan# 1803

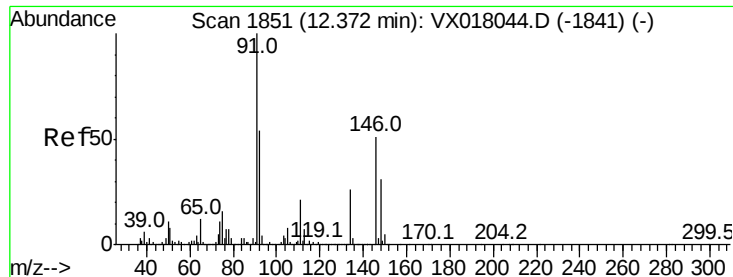
Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.8
148	64.6	33.1	99.2





#89

n-Butylbenzene

Concen: 55.140 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

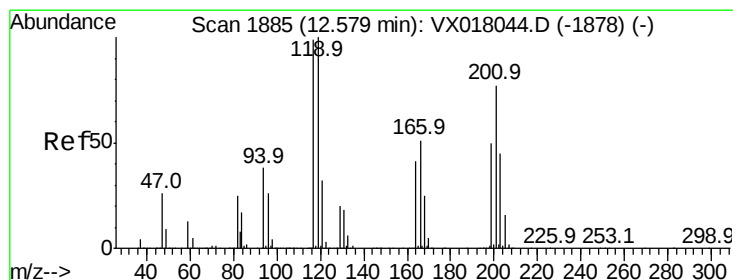
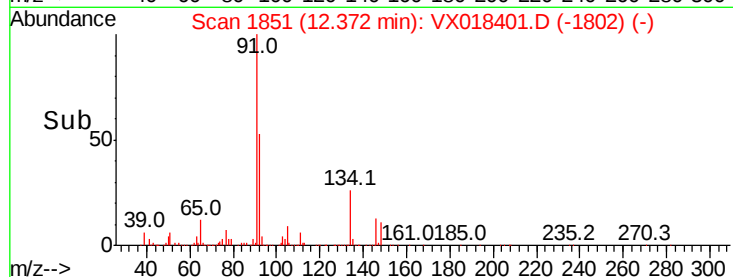
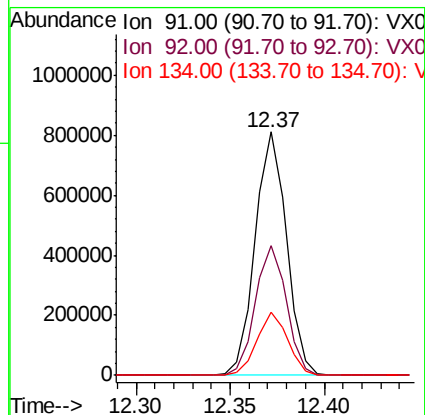
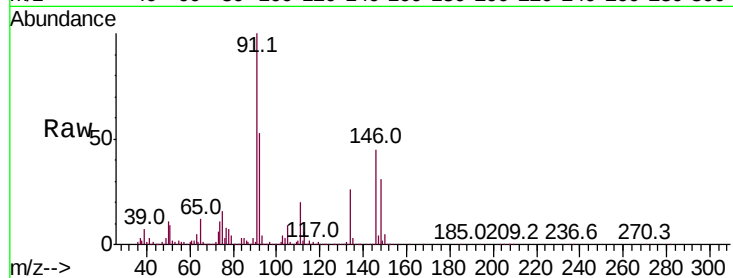
Tot Ion: 91 Resp: 934227

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 55.354 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018401.D

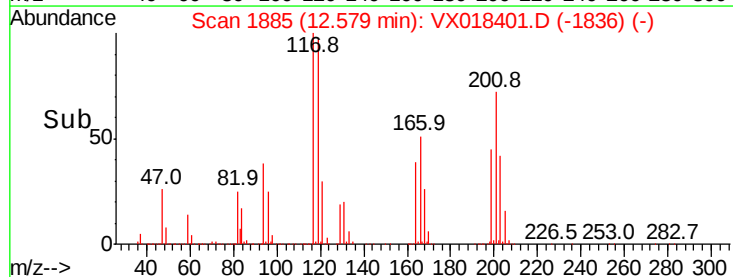
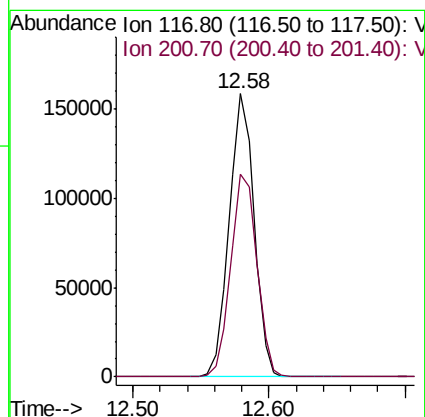
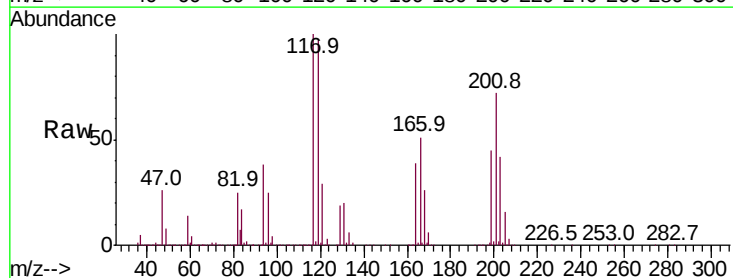
Acq: 15 Sep 2020 12:41

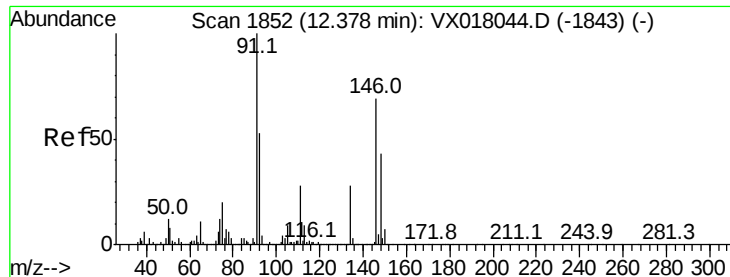
Tgt Ion: 117 Resp: 202162

Ion Ratio Lower Upper

117 100

201 75.4 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 49.692 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

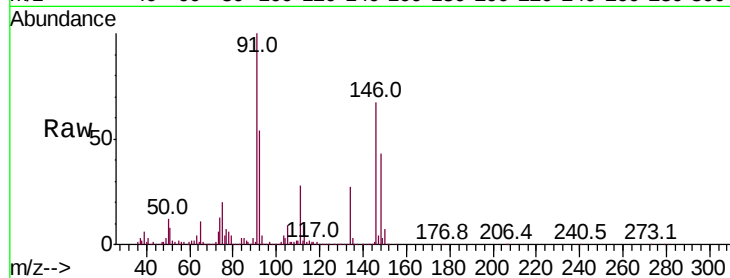
Tot Ion:146 Resp: 497450

Ion Ratio Lower Upper

146 100

111 43.4 20.8 62.5

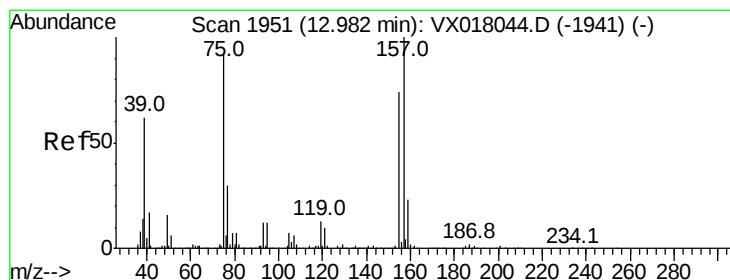
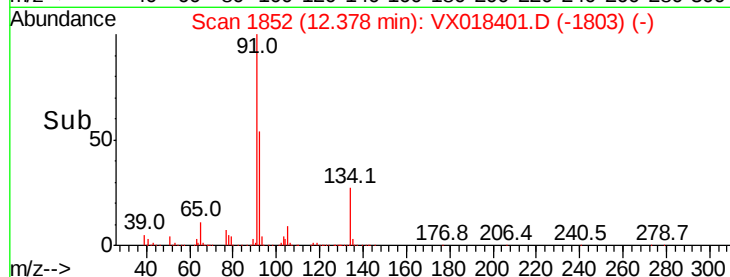
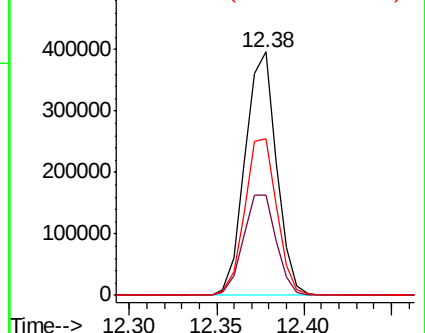
148 65.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.629 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

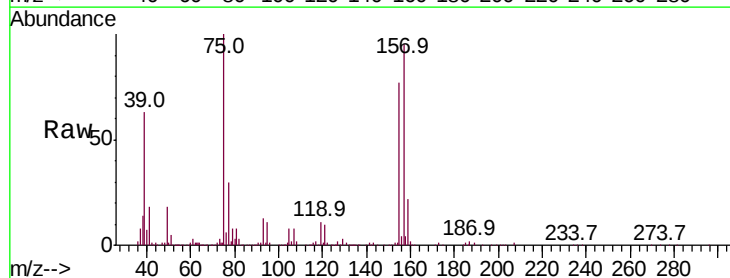
Tgt Ion: 75 Resp: 88193

Ion Ratio Lower Upper

75 100

155 80.5 40.2 120.6

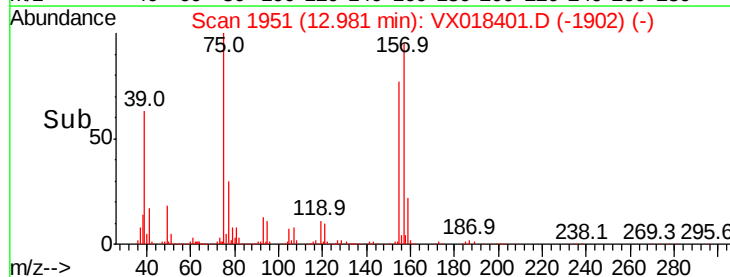
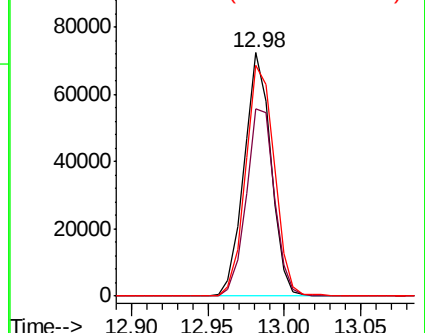
157 101.7 55.0 165.2

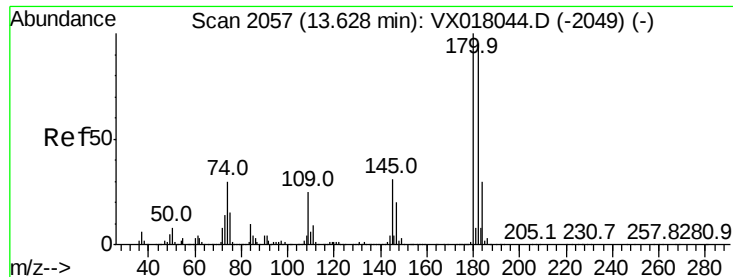


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

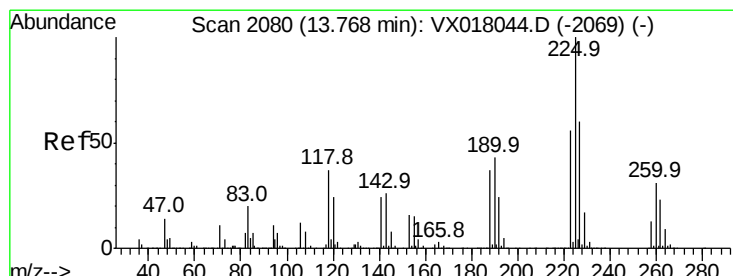
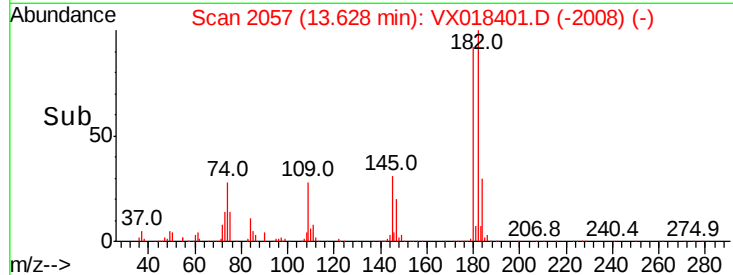
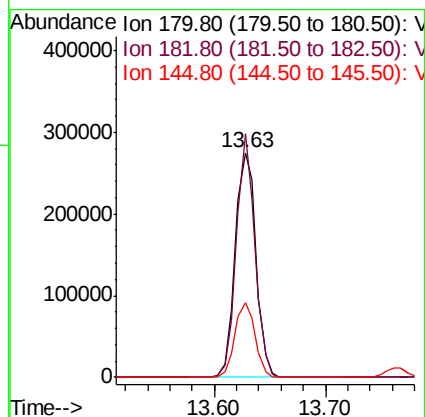
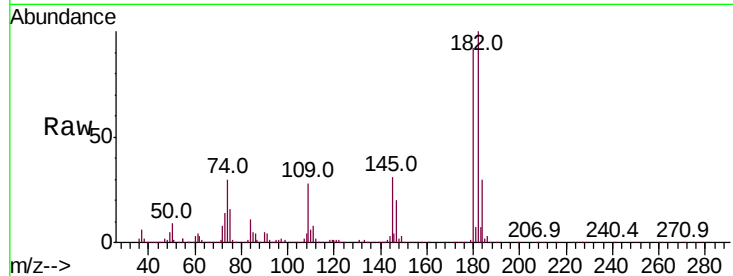




#93
 1,2,4-Trichlorobenzene
 Concen: 52.950 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018401.D
 Acq: 15 Sep 2020 12:41

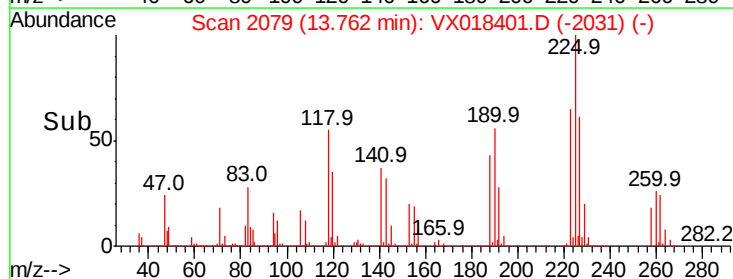
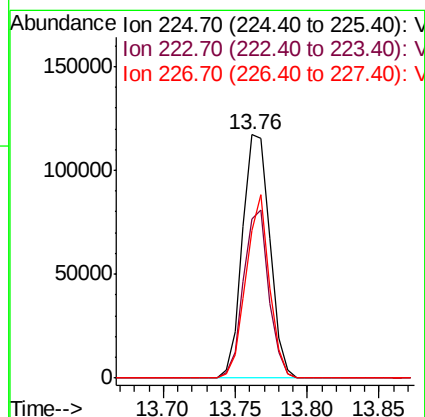
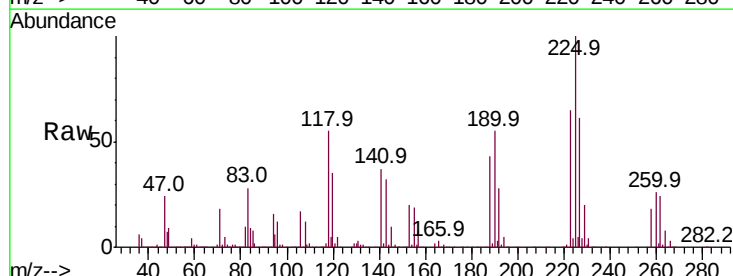
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

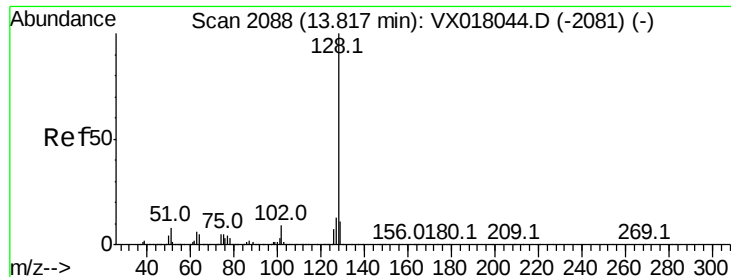
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.5	142.6
145	32.2	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 58.786 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018401.D
 Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.7	92.1
227	64.3	32.6	97.8





#95

Naphthalene

Concen: 49.760 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

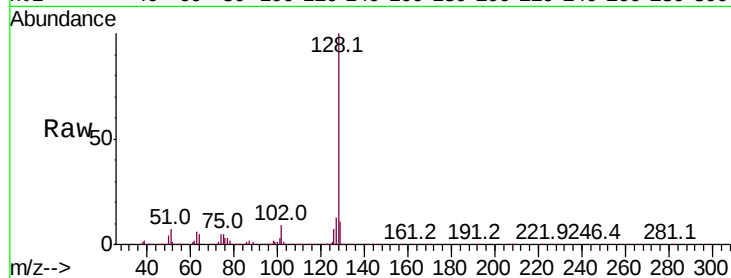
Tot Ion:128 Resp: 1093180

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

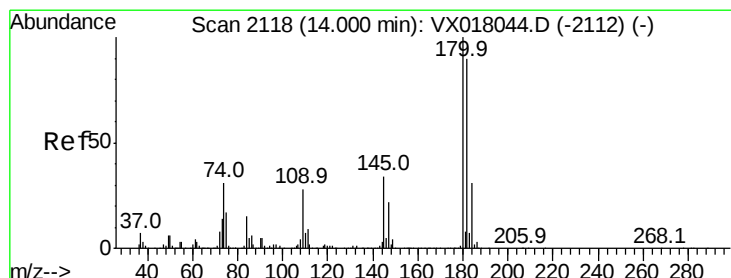
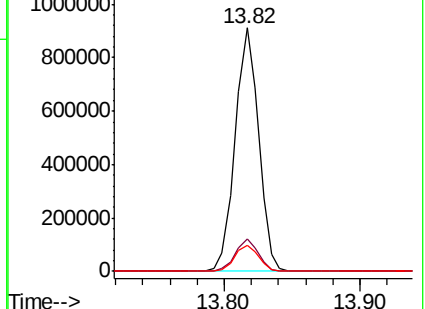
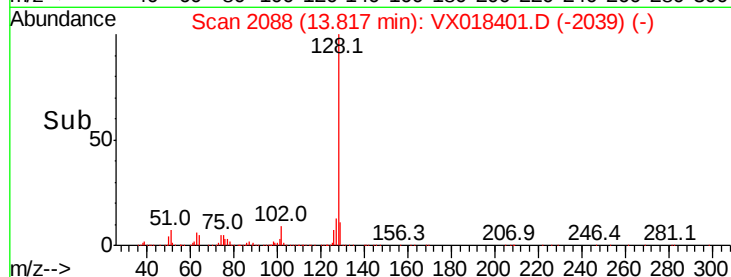
129 11.1 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 53.779 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

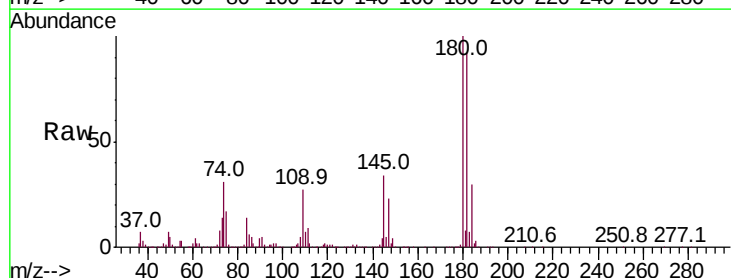
Tgt Ion:180 Resp: 354723

Ion Ratio Lower Upper

180 100

182 93.8 47.3 142.0

145 32.6 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

