

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091520\
 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

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:45:05 AM

Quant Time: Sep 16 03:50:19 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

33) 1,2-Dichloroethane-d4	6.03	65	300910	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	5.46	113	233960	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
50) Toluene-d8	8.70	98	794390	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	337123	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	

Target Compounds

						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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MMDadoda
 9/16/2020 11:45:05 AM

Quant Time: Sep 16 03:50:19 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)
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	347389m	47.007	ug/l	
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

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ClientSampleId :
VSTDCCC050

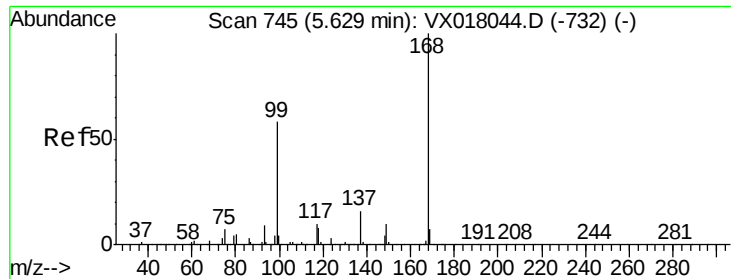
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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

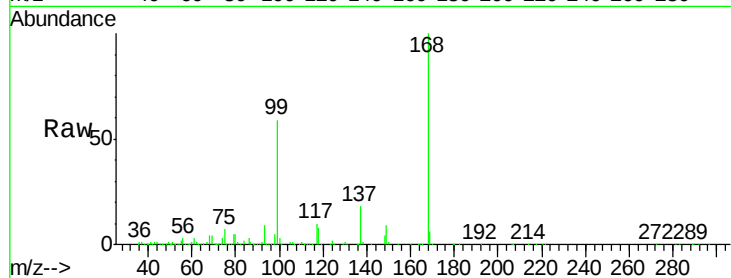
99 59.1 46.3 69.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

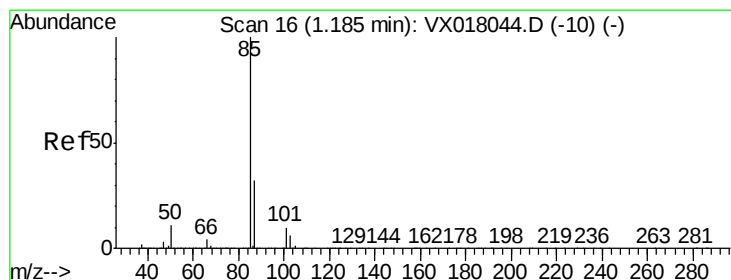
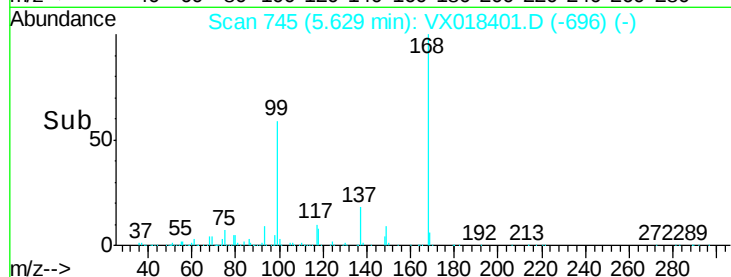
150000

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

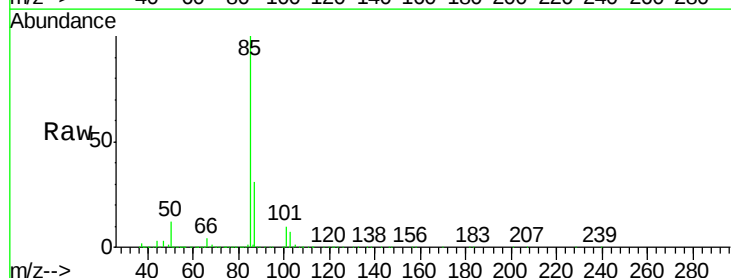
Acq: 15 Sep 2020 12:41

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

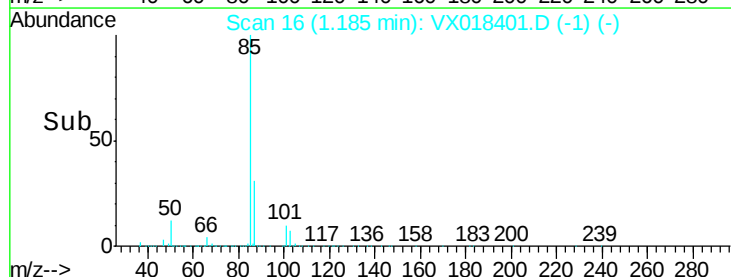
150000

100000

50000

0

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

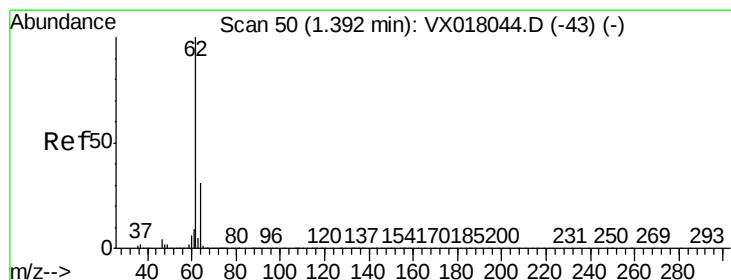
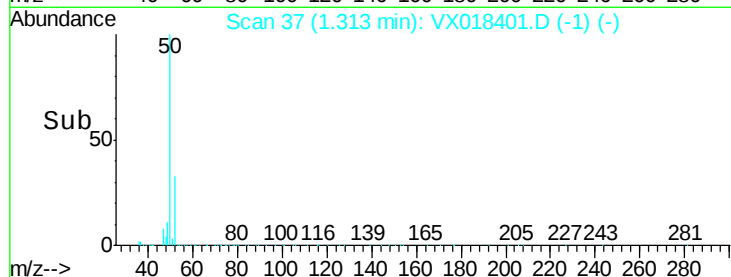
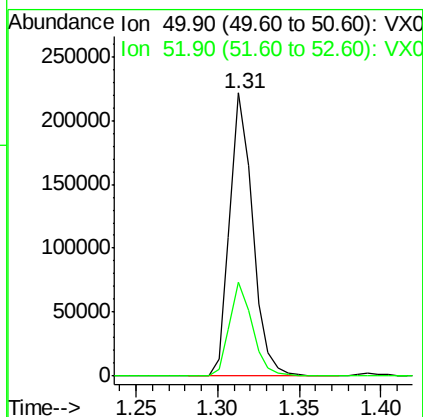
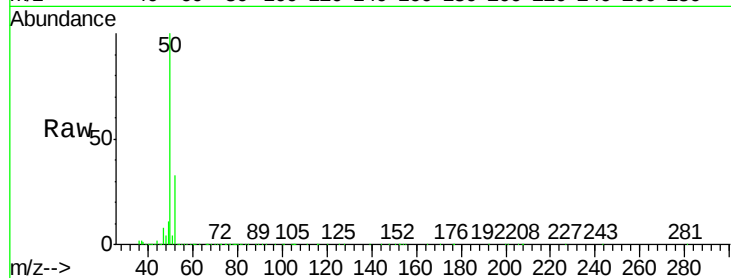
50 100

52 33.1 25.4 38.2

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#4

Vinyl Chloride

Concen: 42.355 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018401.D

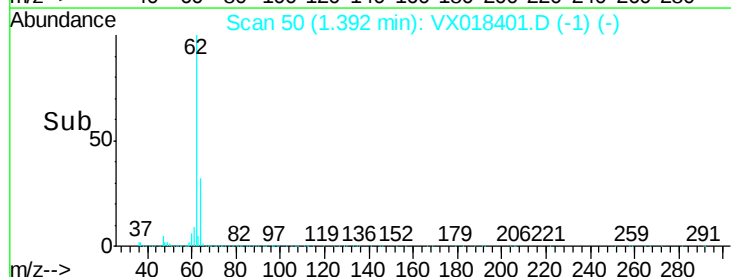
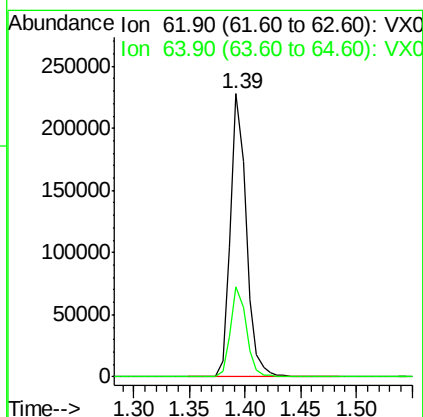
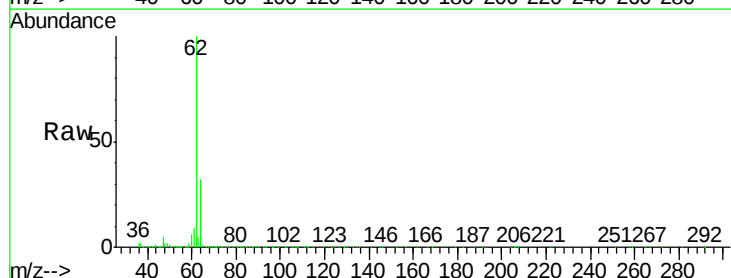
Acq: 15 Sep 2020 12:41

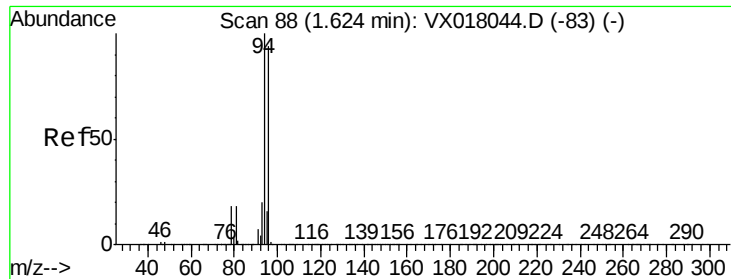
Tgt Ion: 62 Resp: 224903

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

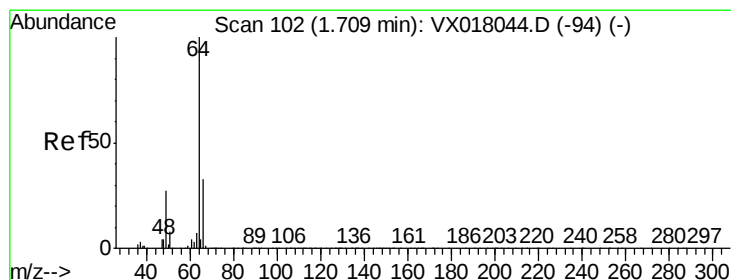
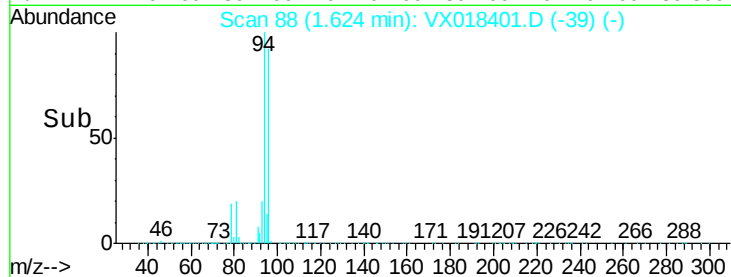
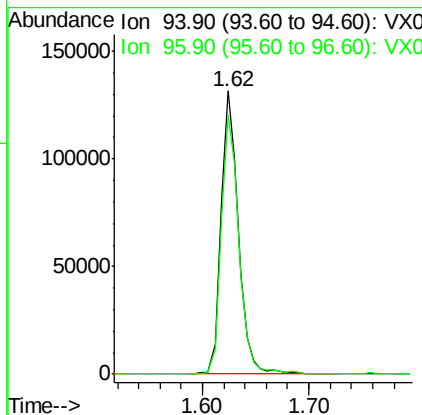
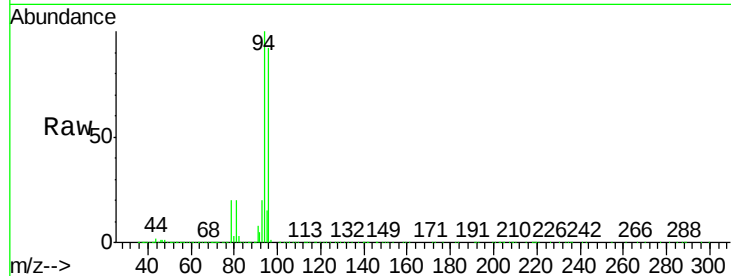
96 91.6 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 47.461 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018401.D

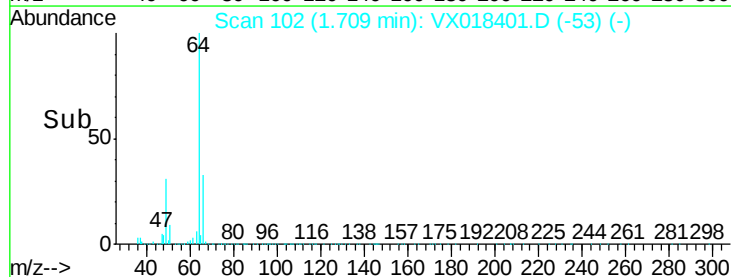
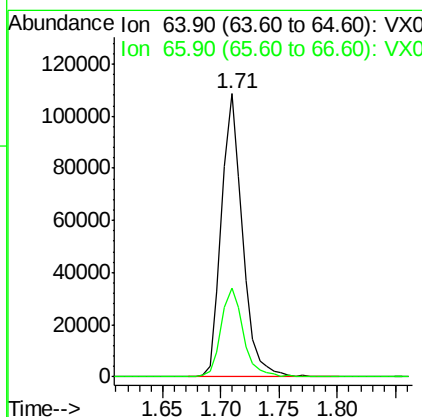
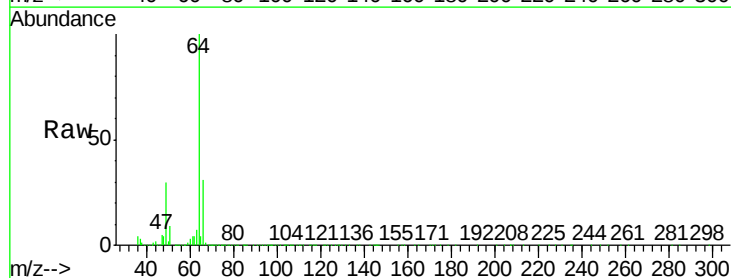
Acq: 15 Sep 2020 12:41

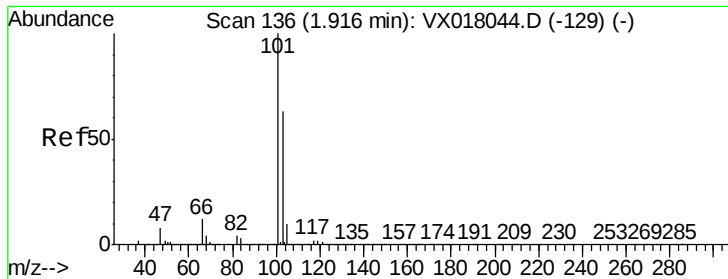
Tgt Ion: 64 Resp: 135355

Ion Ratio Lower Upper

64 100

66 31.4 26.6 39.8





#7

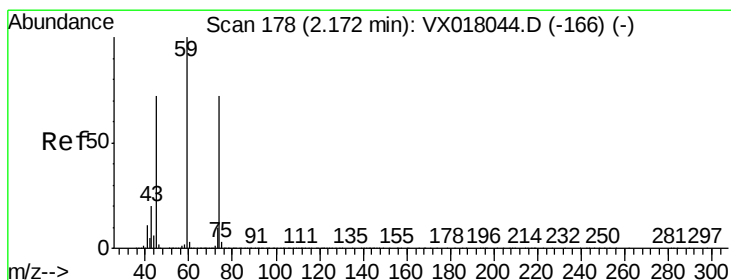
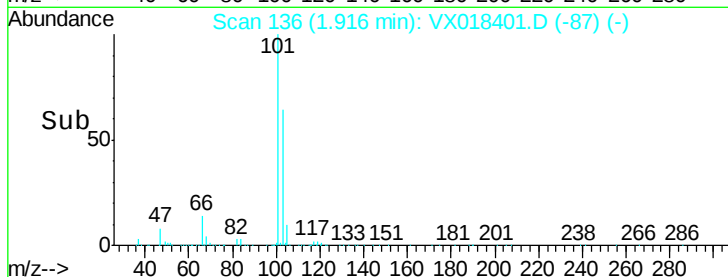
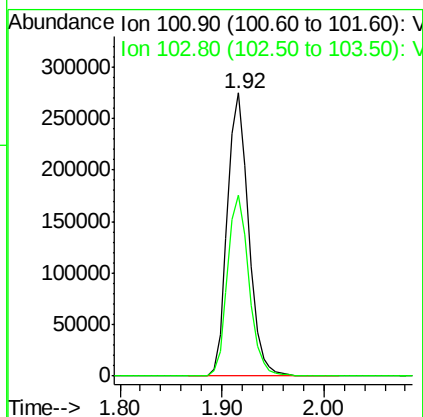
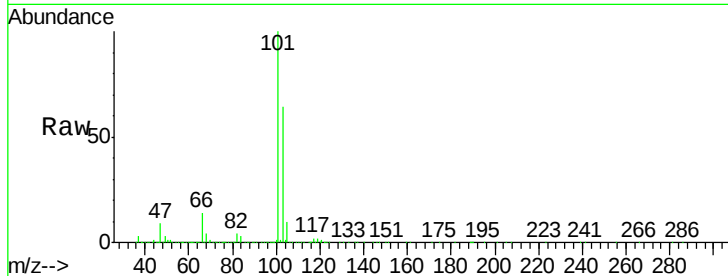
Trichlorofluoromethane
Concen: 54.708 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.7	76.1

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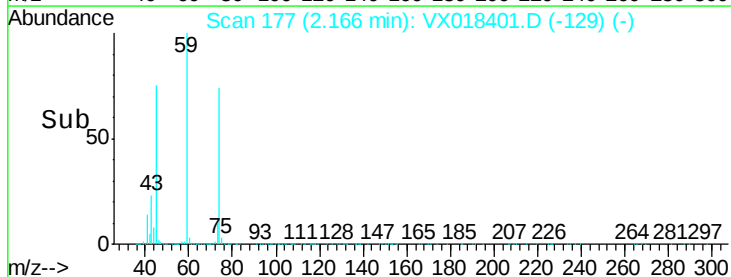
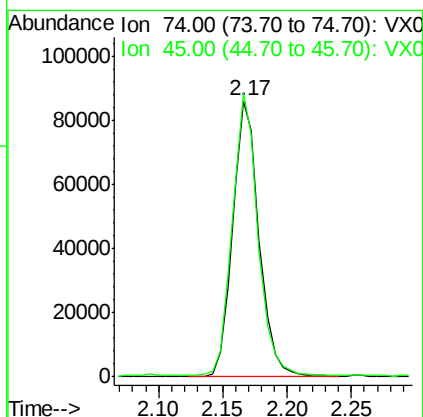
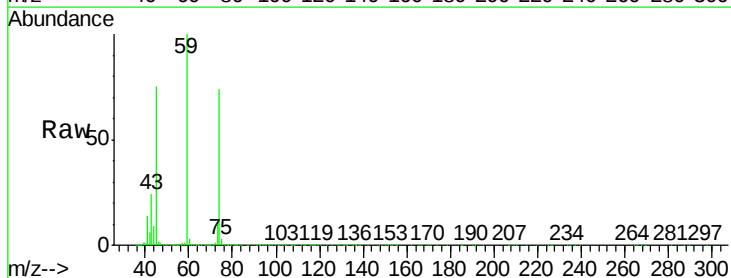
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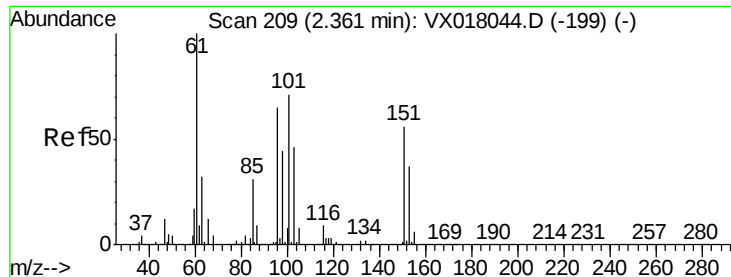


#8

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	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

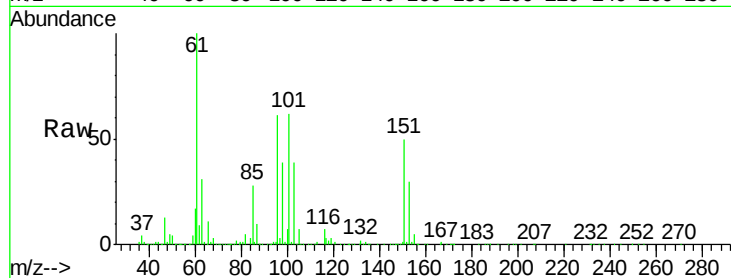
ClientSampleId :

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

Manual Integrations
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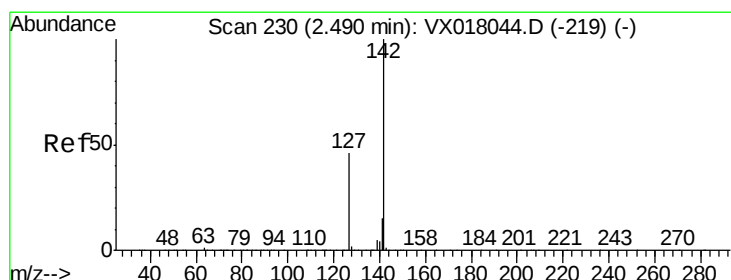
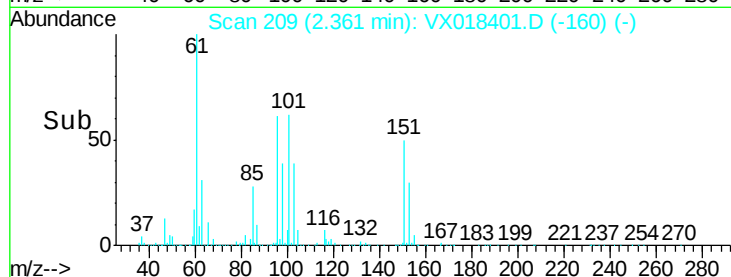
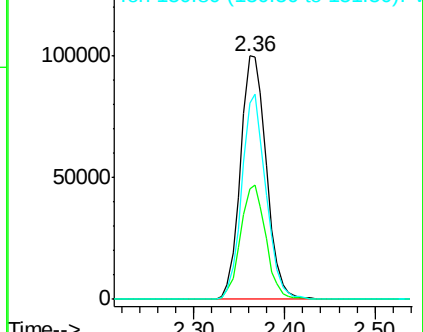
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Abundance Ion 100.90 (100.60 to 101.60): V

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

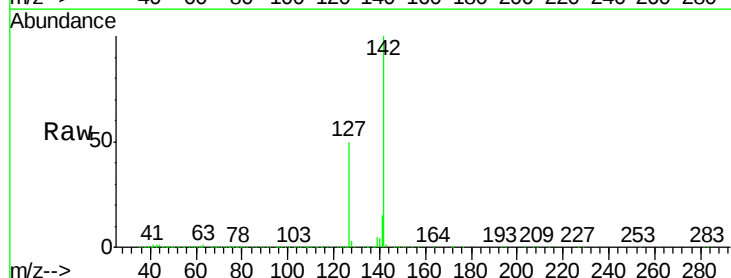
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

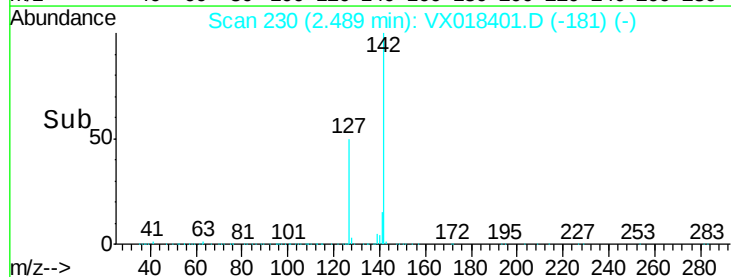
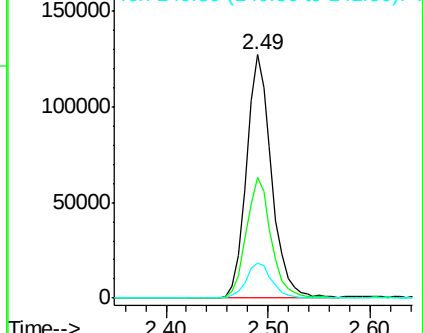
Tgt Ion:	142	Resp:	218103
Ion Ratio	Lower	Upper	
142	100		
127	49.5	37.0	55.6
141	14.8	11.5	17.3

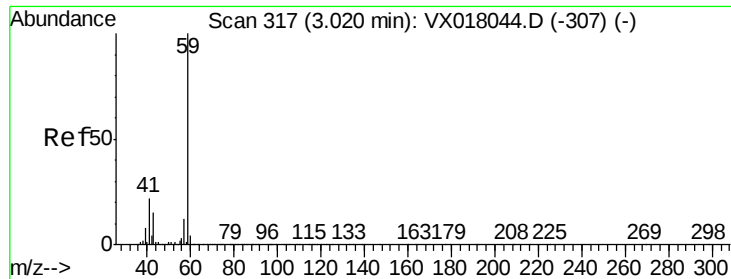


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





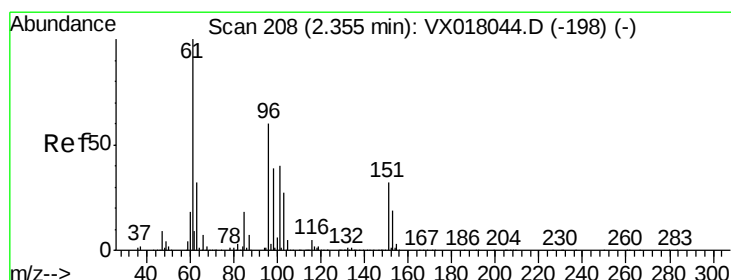
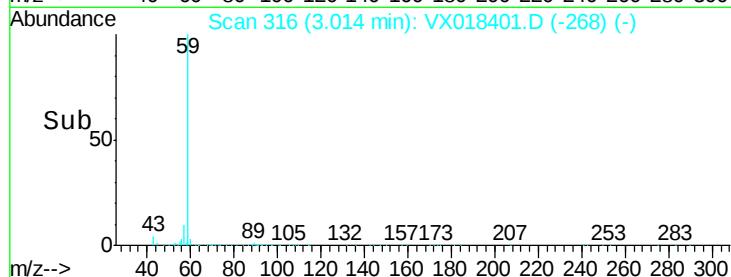
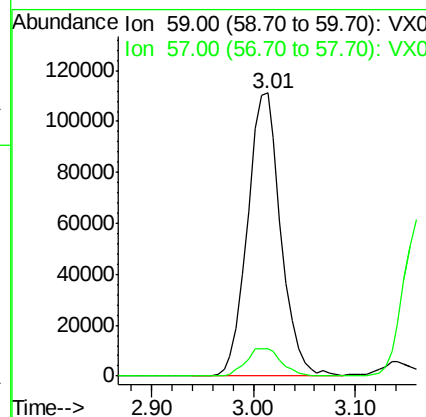
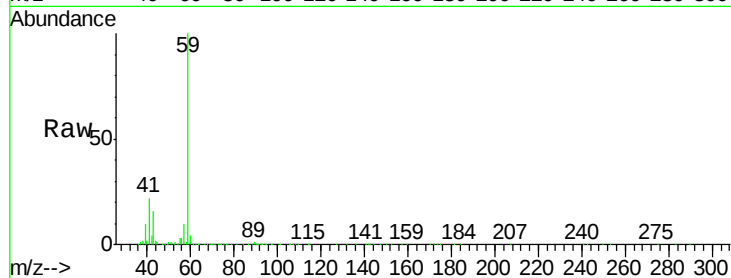
#11
Tert butyl alcohol
Concen: 225.219 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

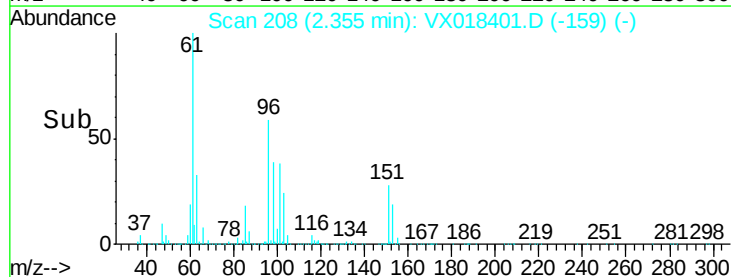
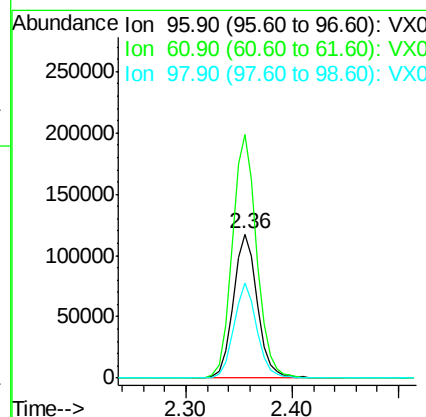
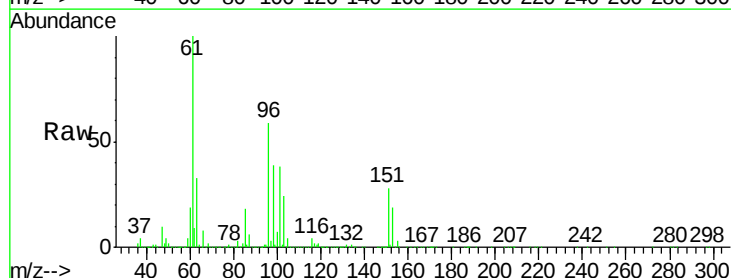
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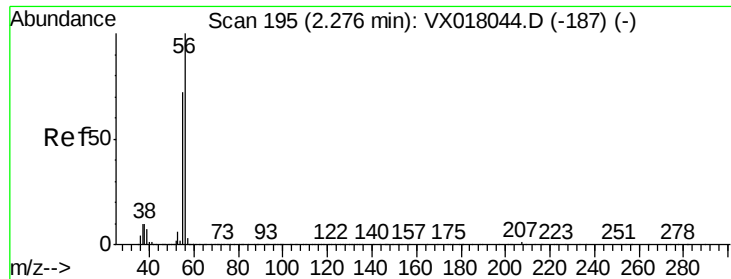
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#12
1,1-Dichloroethene
Concen: 45.927 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

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

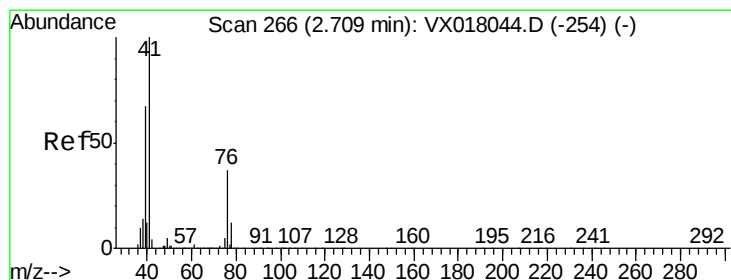
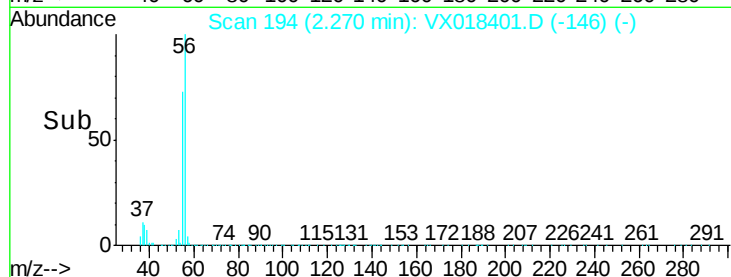
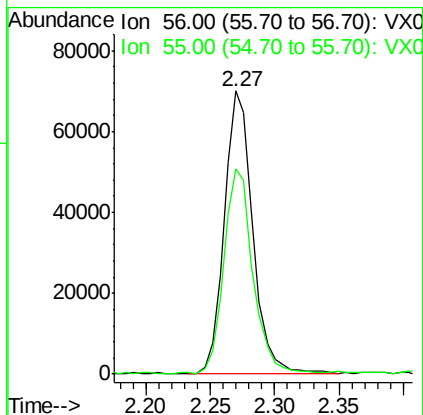
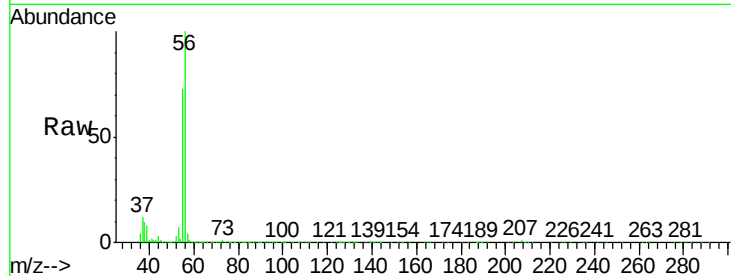
56 100

55 73.5 57.0 85.6

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#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

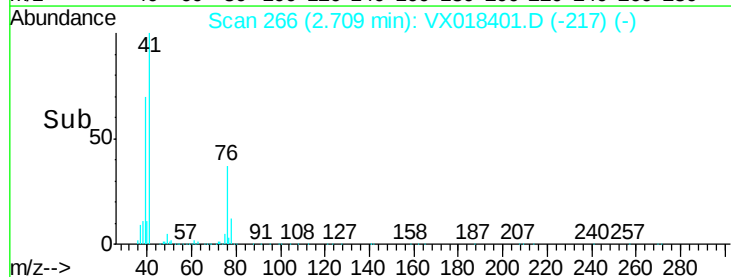
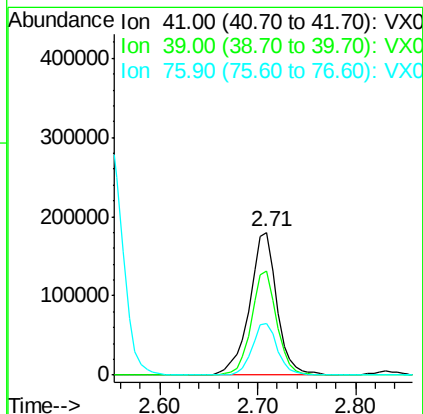
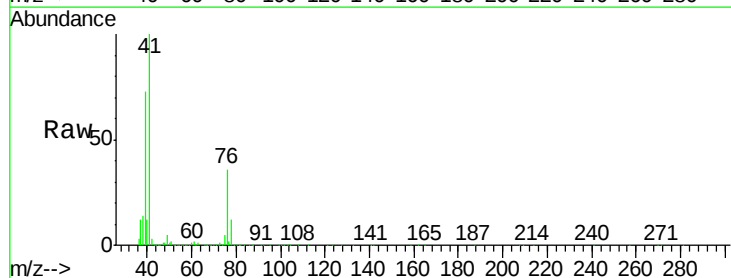
Tgt Ion: 41 Resp: 351818

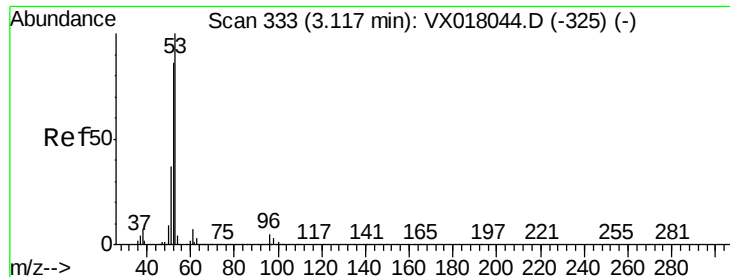
Ion Ratio Lower Upper

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

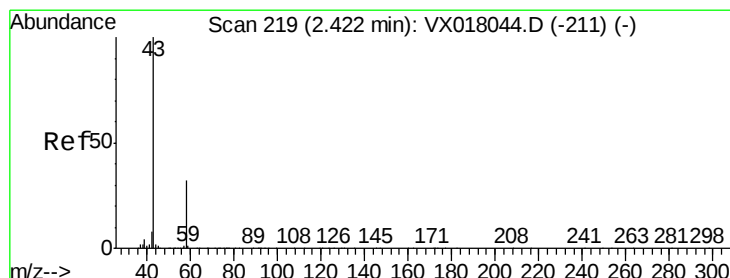
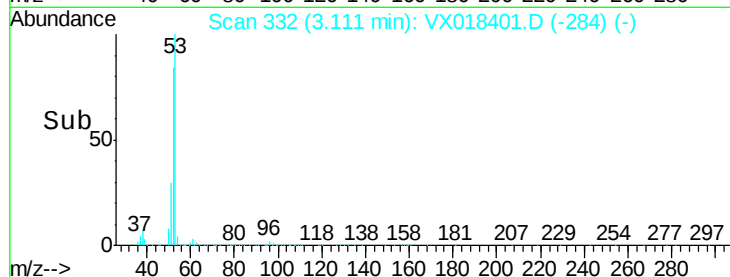
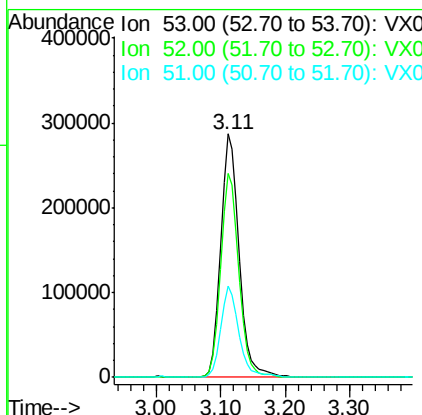
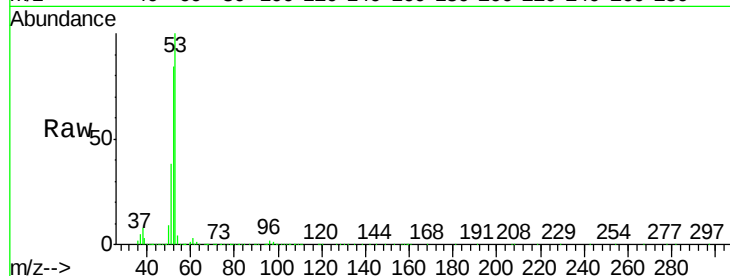
ClientSampleId :

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

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#16

Acetone

Concen: 237.528 ug/l

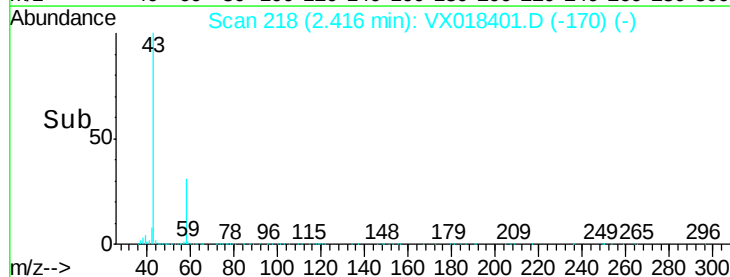
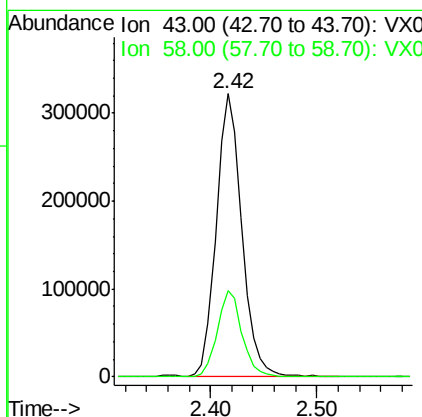
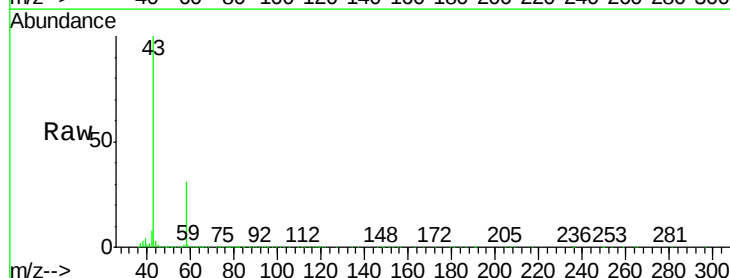
RT: 2.42 min Scan# 218

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





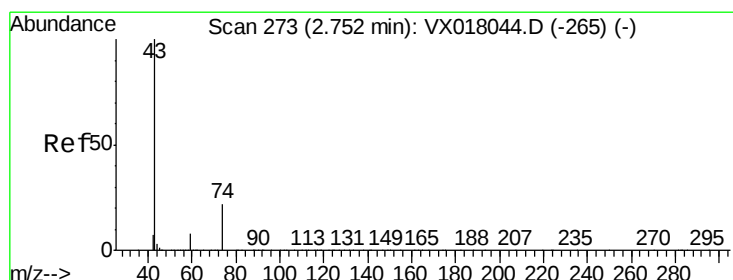
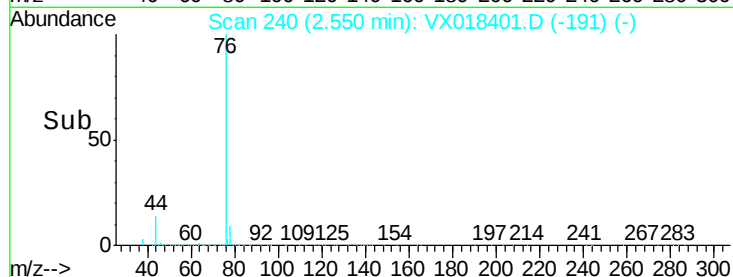
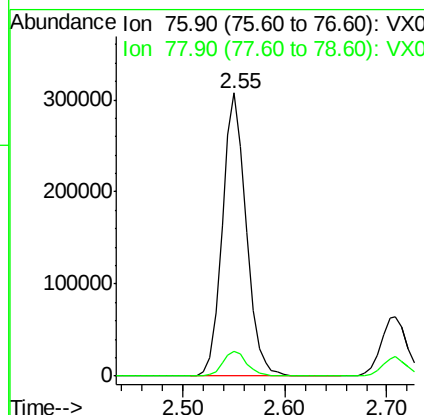
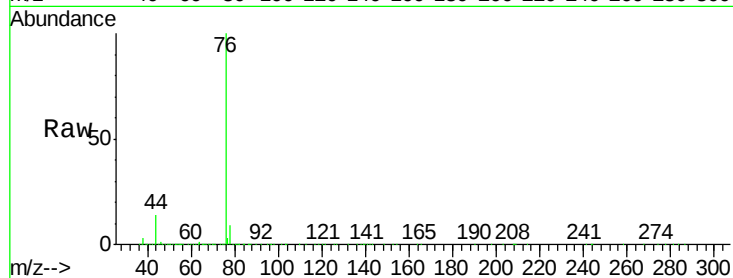
#17
Carbon Disulfide
Concen: 40.552 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

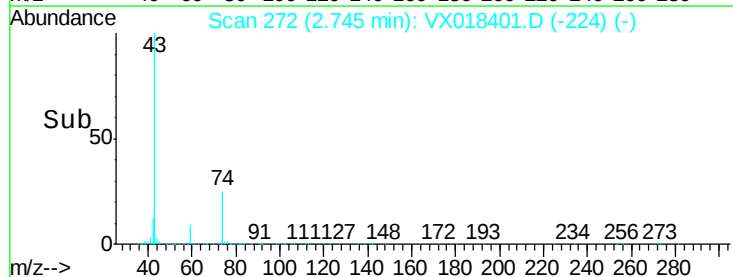
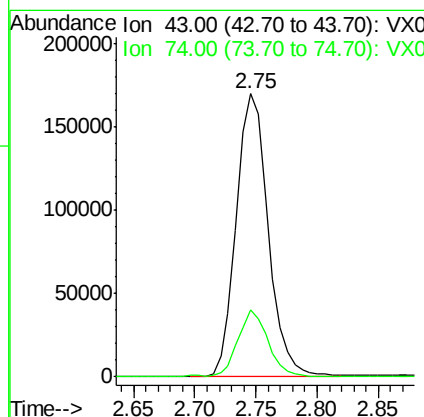
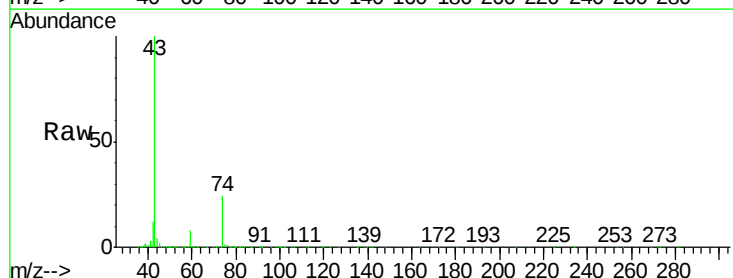
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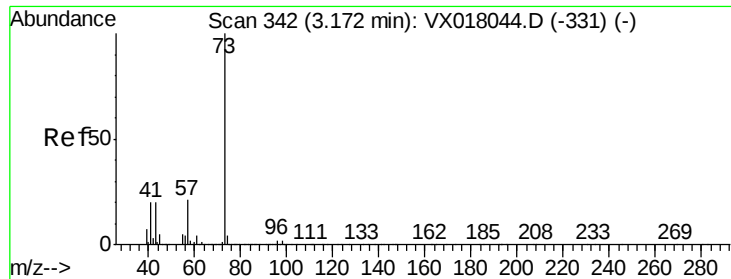
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#18
Methyl Acetate
Concen: 56.666 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.2	27.4





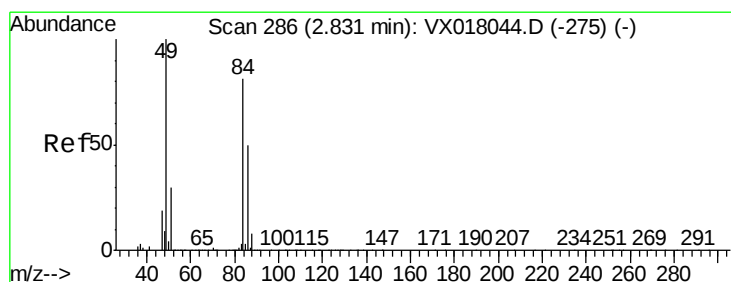
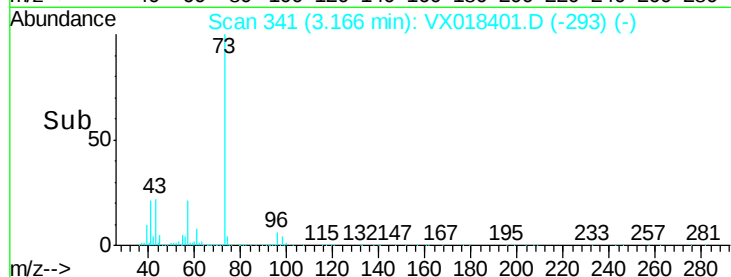
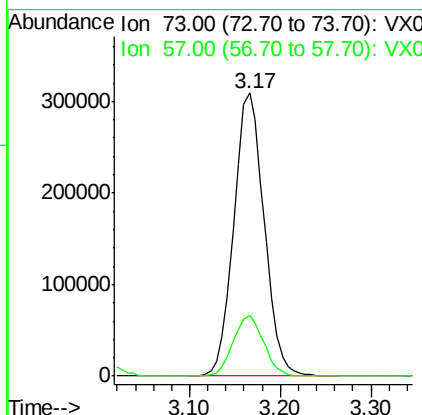
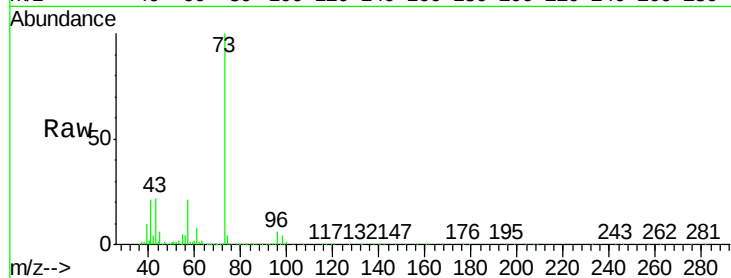
#19
Methvl tert-butvl Ether
Concen: 51.593 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2

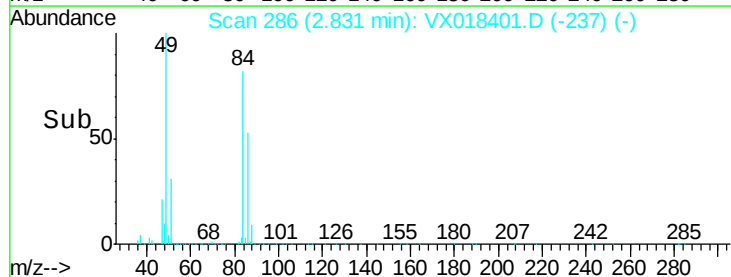
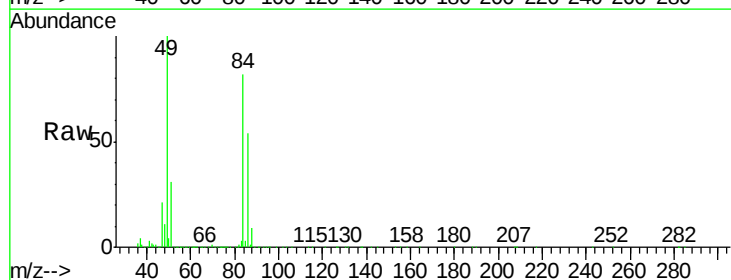
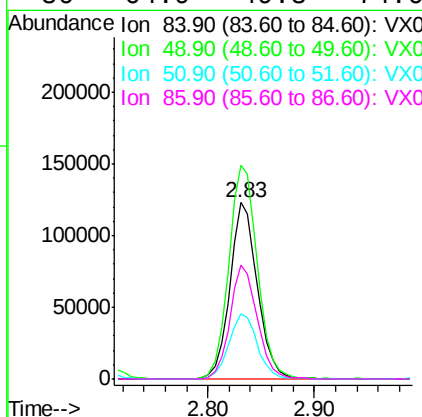
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#20
Methylene Chloride
Concen: 48.461 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	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

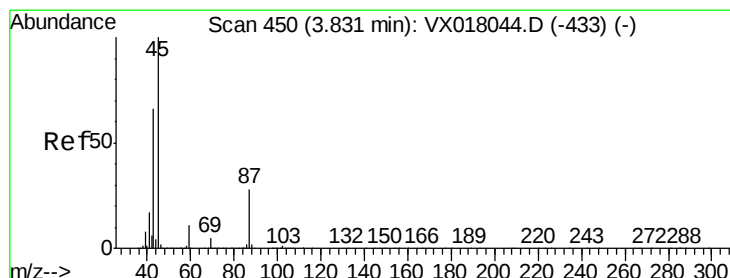
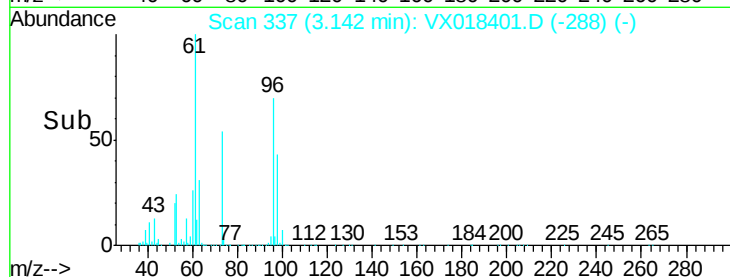
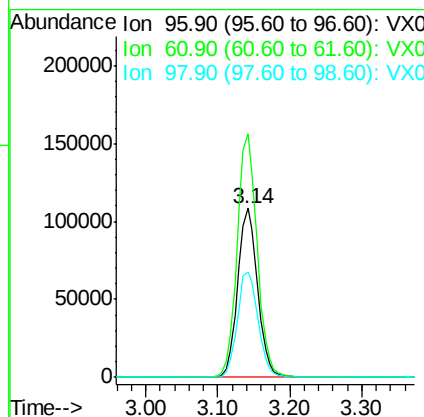
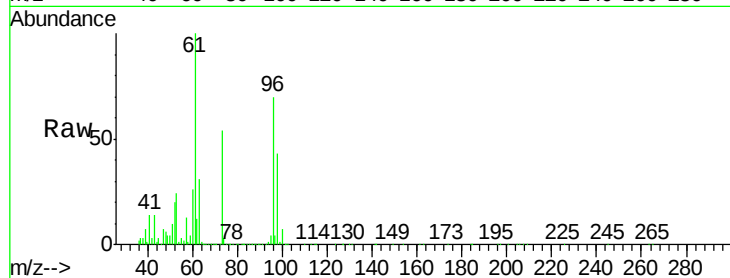
ClientSampleId :

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

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#22

Diisopropyl ether

Concen: 50.125 ug/l

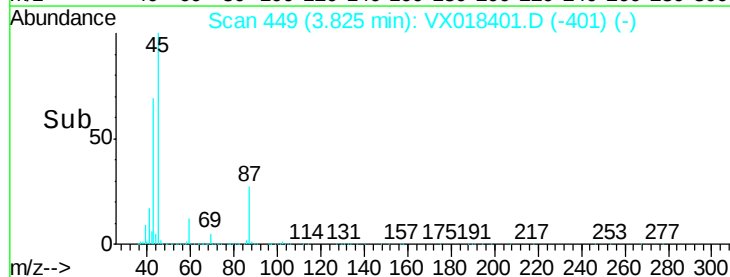
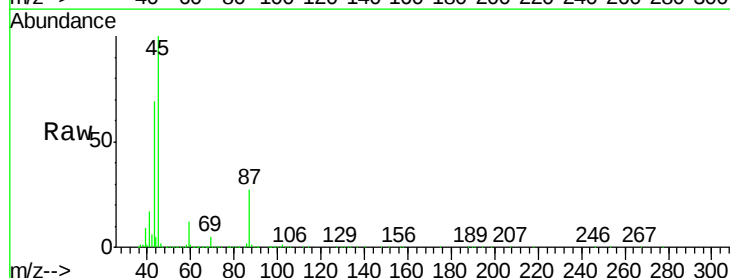
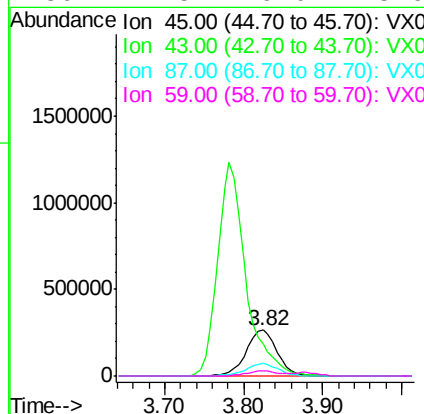
RT: 3.82 min Scan# 449

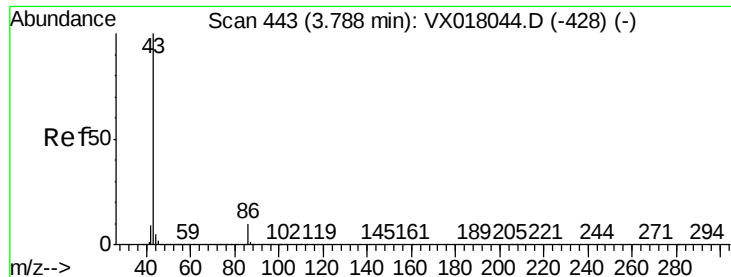
Delta R.T. -0.01 min

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





#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

Tot Ion: 43 Resp: 3081002

Ion Ratio Lower Upper

43 100

86 9.6 7.9 11.9

Instrument :

MSVOA_X

ClientSampleId :

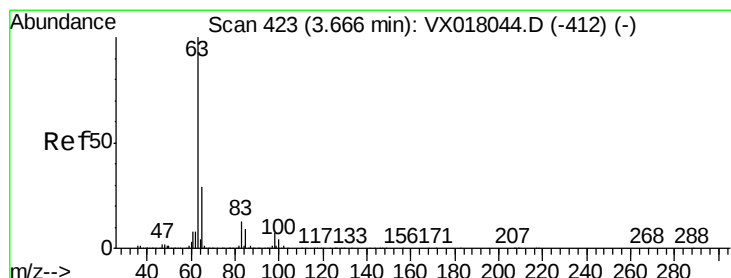
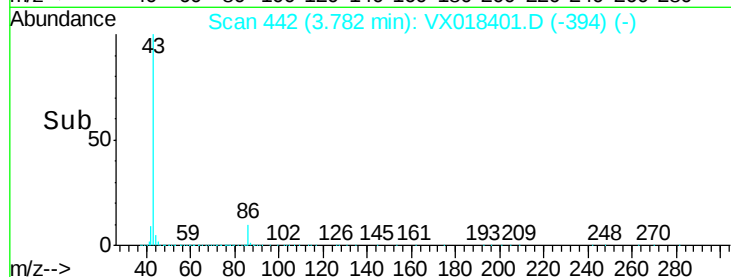
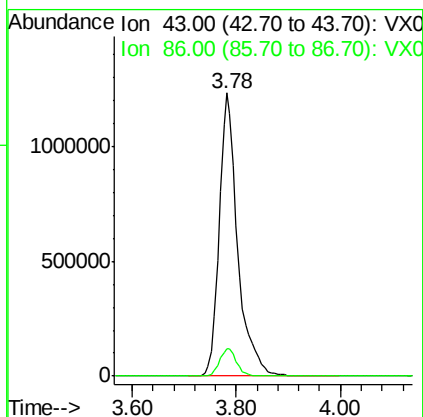
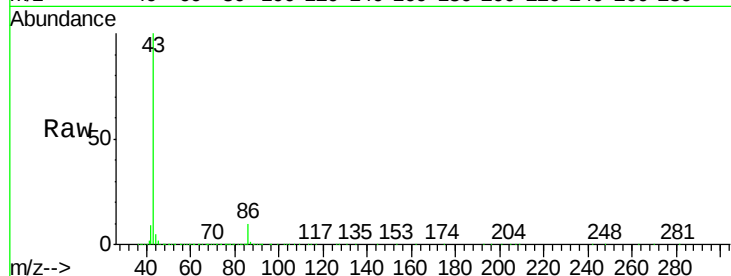
VSTDCCC050

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#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

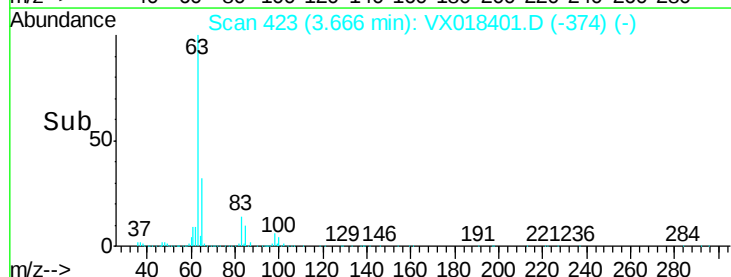
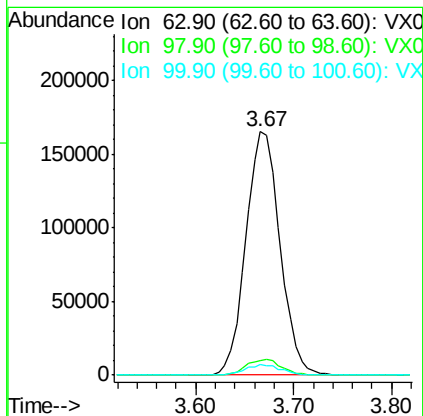
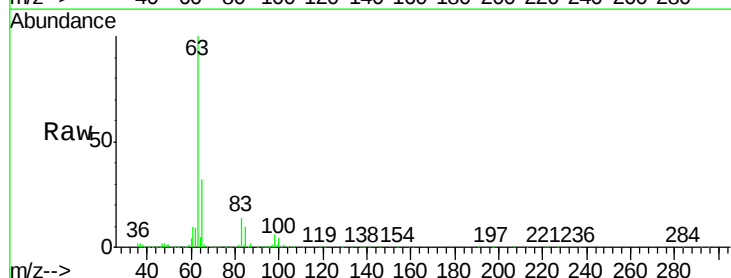
Tgt Ion: 63 Resp: 400247

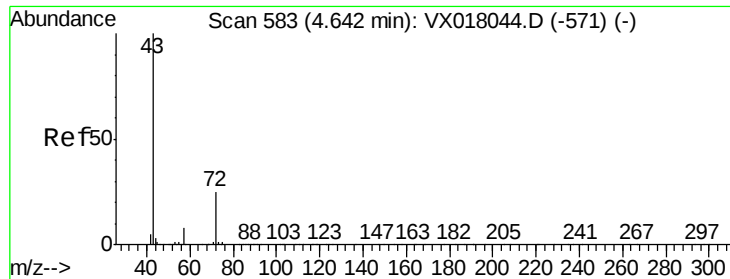
Ion Ratio Lower Upper

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

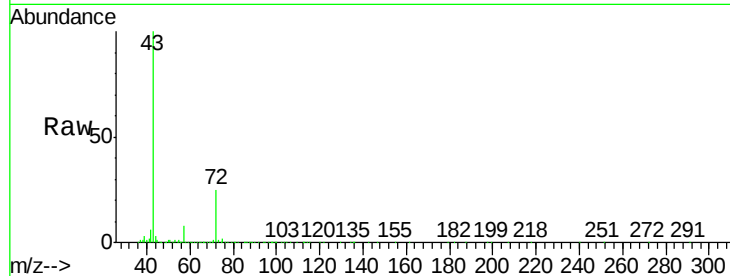
43 100

72 24.4 19.8 29.6

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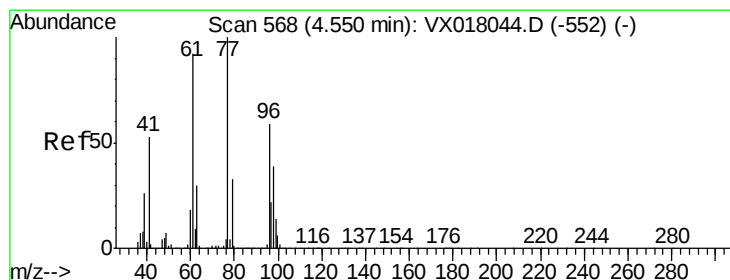
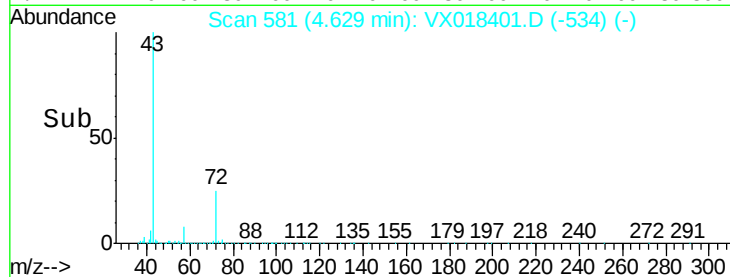
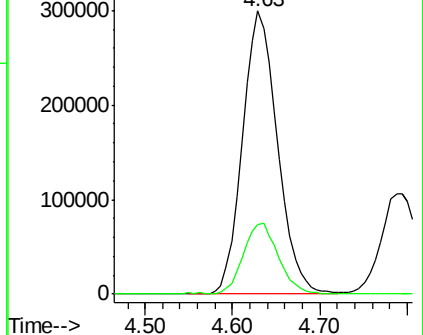
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#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

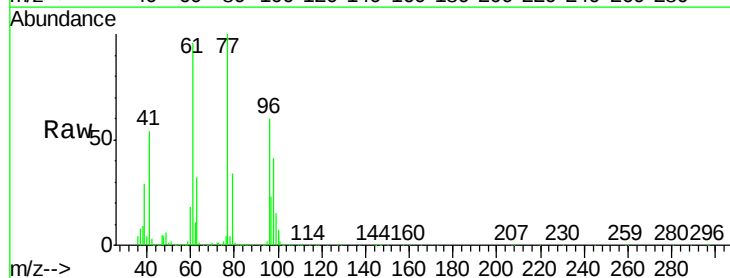
Acq: 15 Sep 2020 12:41

Tgt Ion: 77 Resp: 377526

Ion Ratio Lower Upper

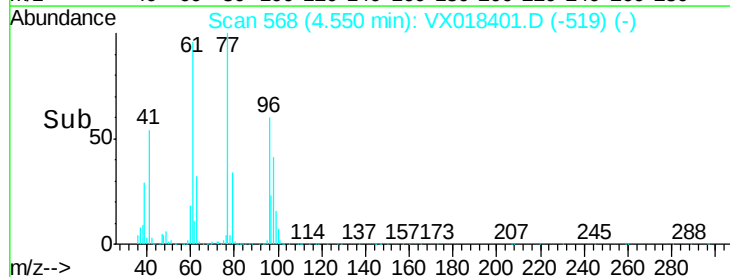
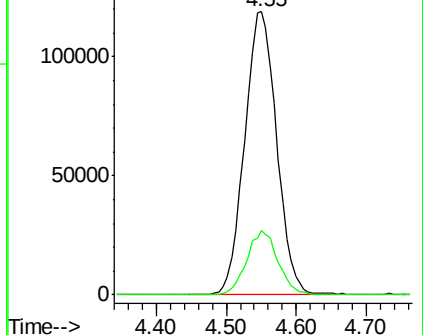
77 100

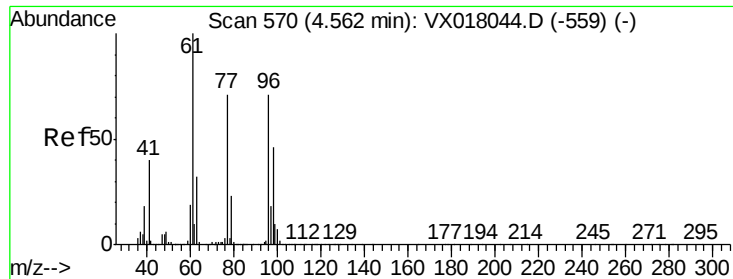
97 22.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

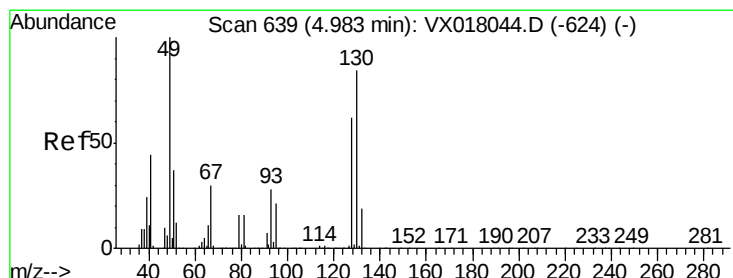
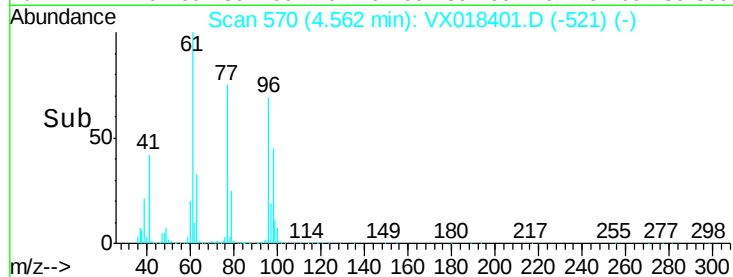
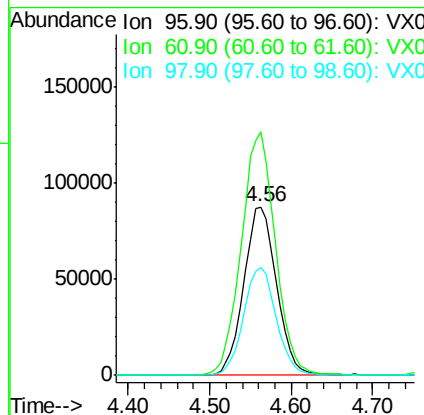
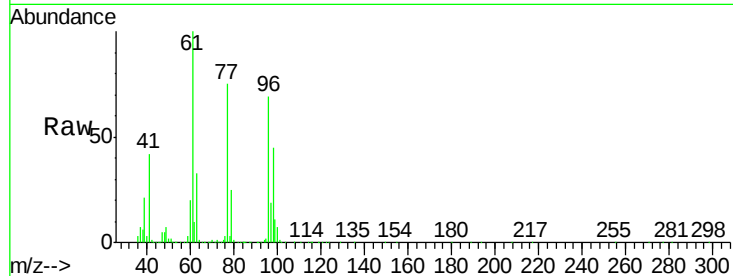
cis-1,2-Dichloroethene
Concen: 47.293 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	245167		
61	149.6	0.0	296.6	
98	64.0	0.0	130.2	

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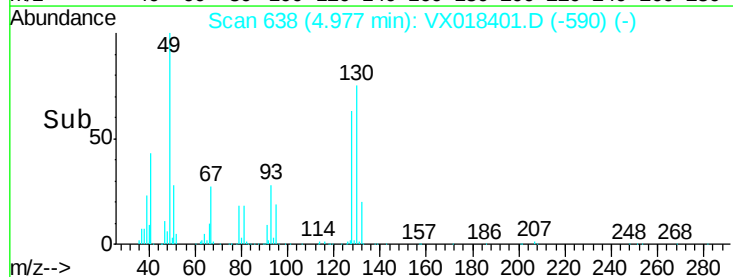
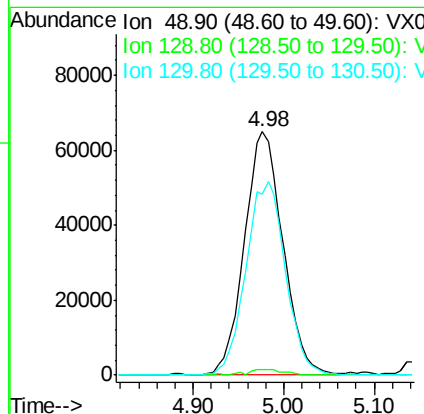
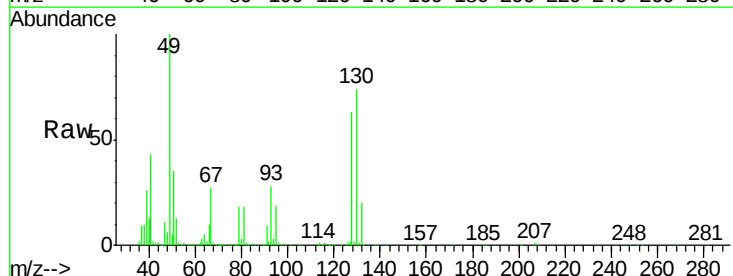
MMDadoda
9/16/2020 11:45:05 AM



#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	Resp	Lower	Upper
49	100	191640		
129	2.2	0.0	4.6	
130	81.3	64.6	96.8	





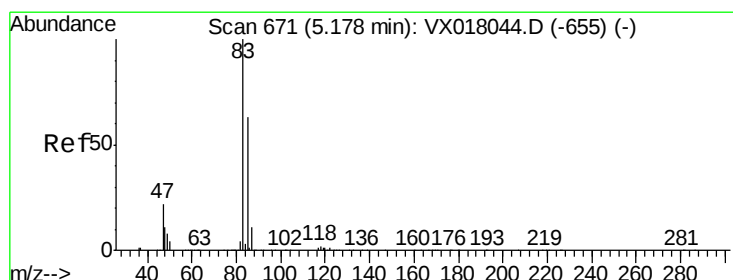
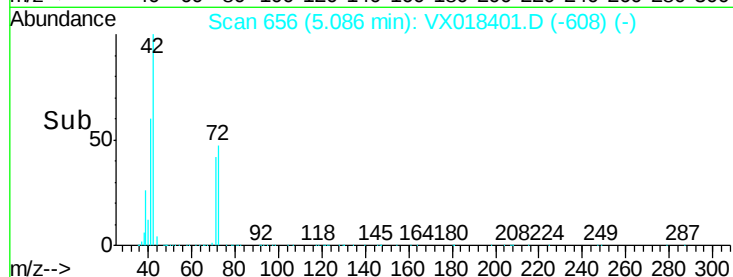
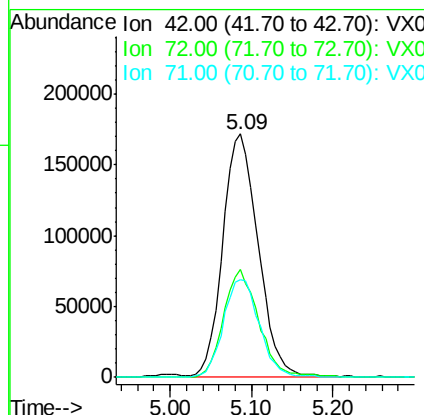
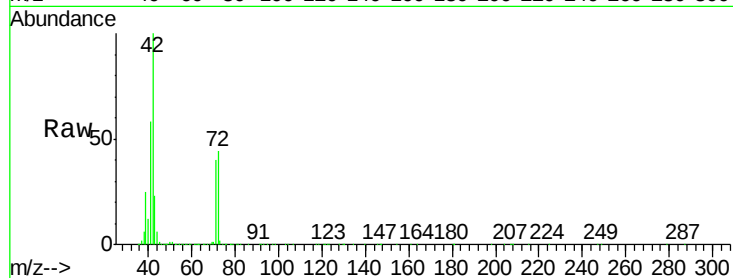
#29
Tetrahydrofuran
Concen: 218.988 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100	515018		
72	44.6		34.2	51.4
71	40.9		32.1	48.1

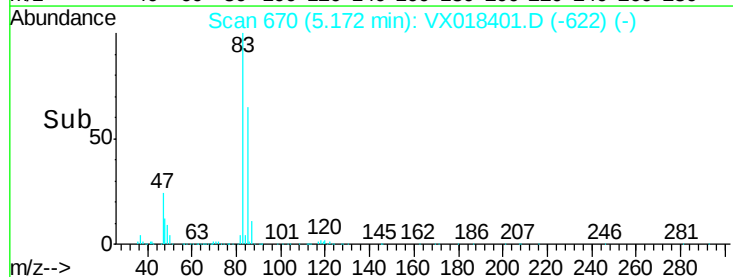
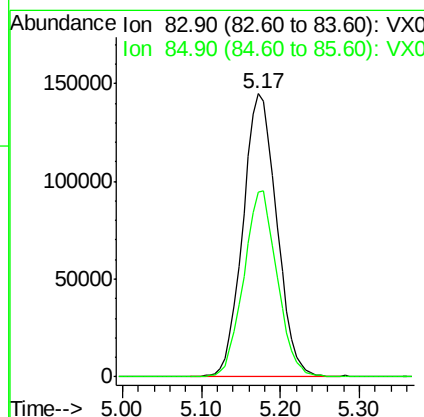
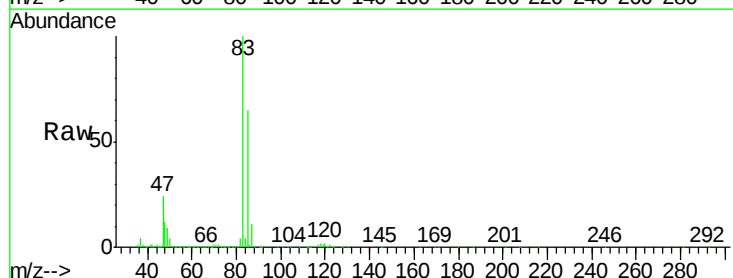
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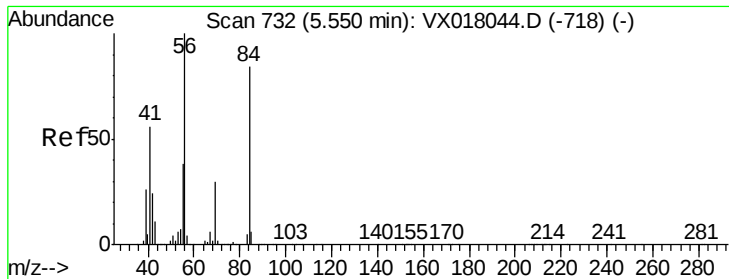
MMDadoda
9/16/2020 11:45:05 AM



#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	Ratio	Resp	Lower	Upper
83	100	432927		
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

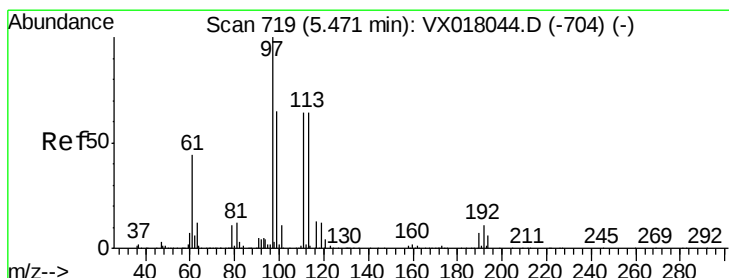
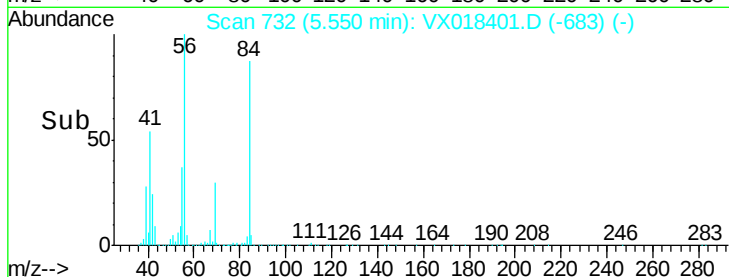
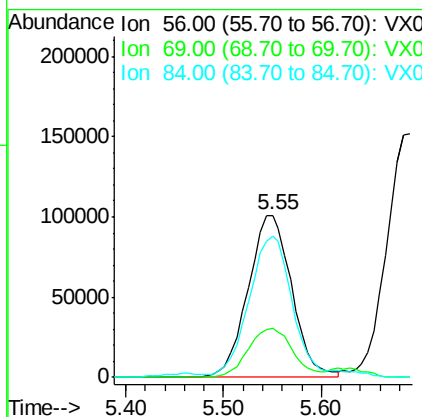
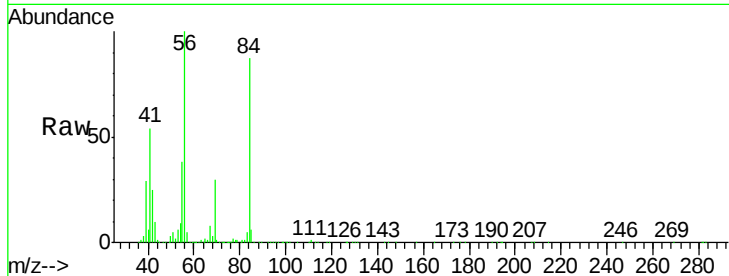
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	311669
Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.9	35.9
84	84.7	67.0	100.4

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#32

1,1,1-Trichloroethane

Concen: 51.552 ug/l

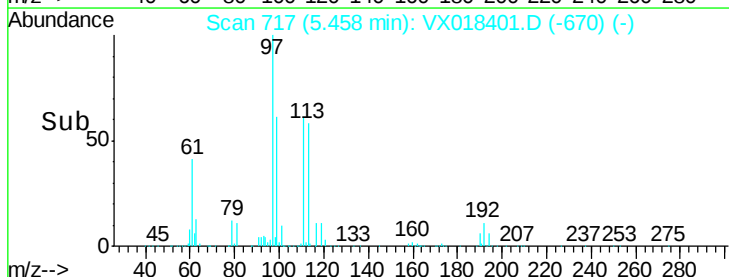
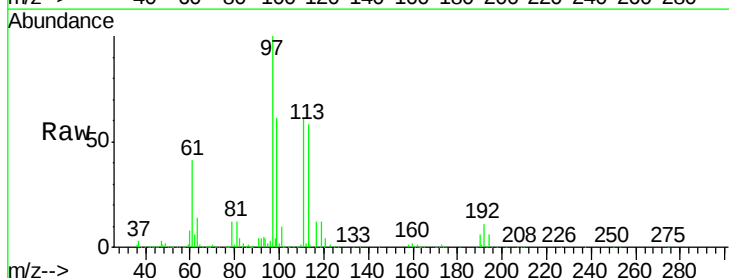
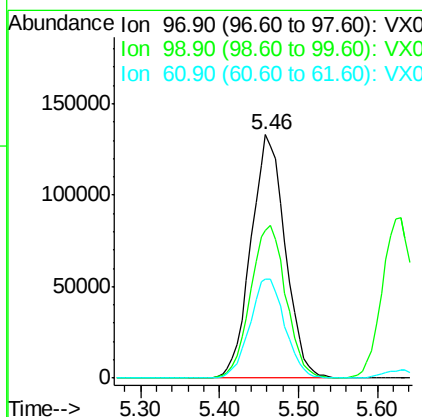
RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion:	97	Resp:	401559
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.2	34.2	51.4





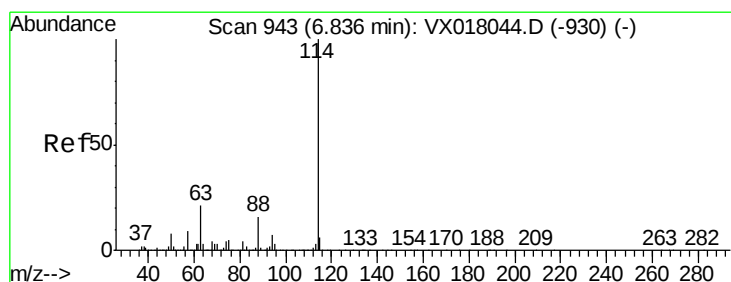
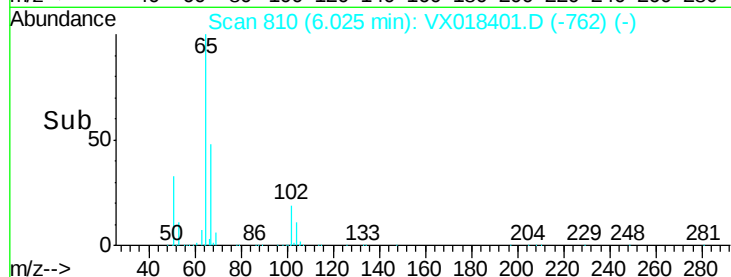
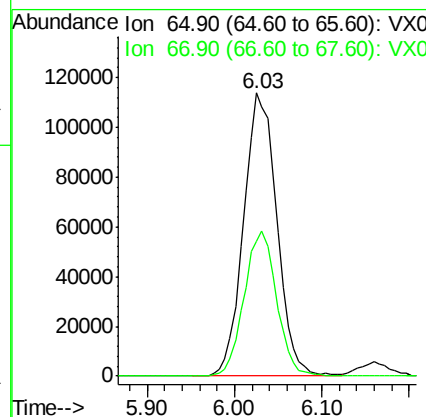
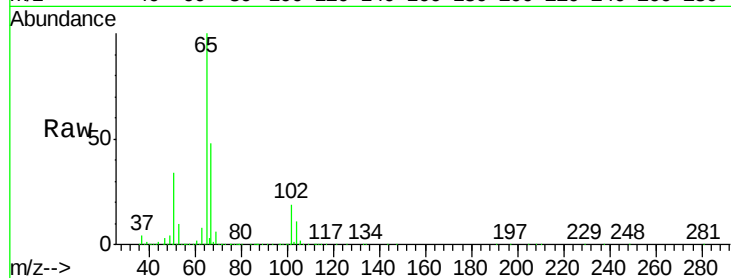
#33
 1,2-Dichloroethane-d4
 Concen: 52.160 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018401.D
 Acq: 15 Sep 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	300910		
67	49.7	0.0	105.8	

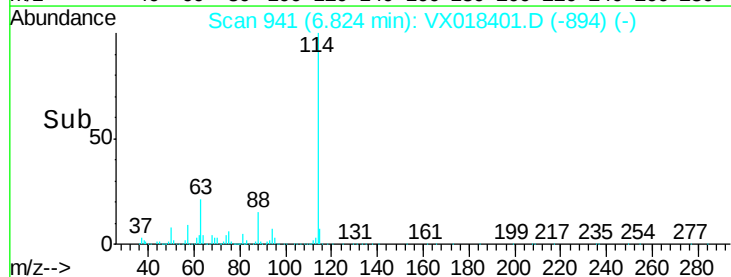
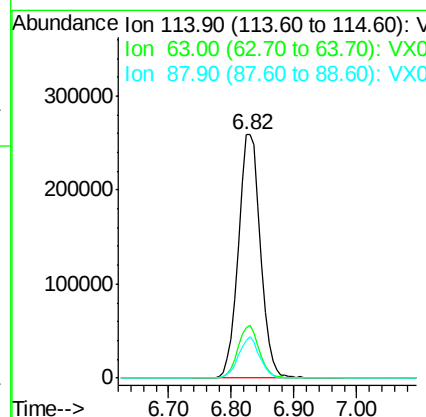
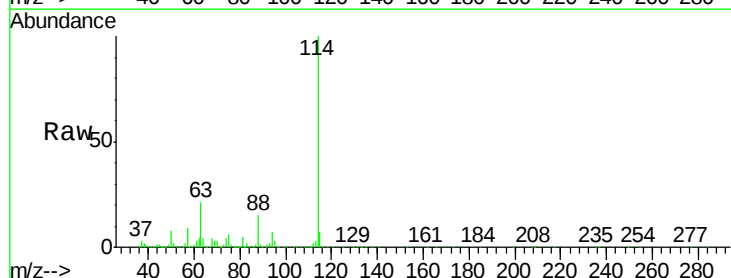
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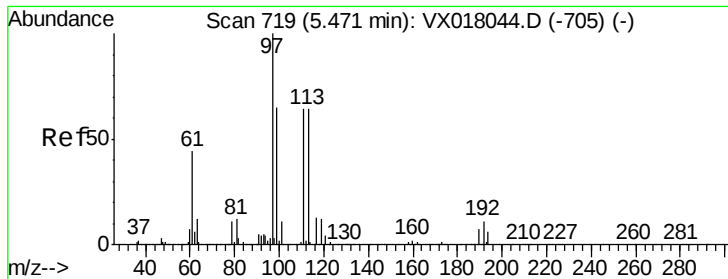
MMDadoda
 9/16/2020 11:45:05 AM



#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	Ratio	Resp	Lower	Upper
114	100	630492		
63	20.6	0.0	42.6	
88	15.3	0.0	31.8	





#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

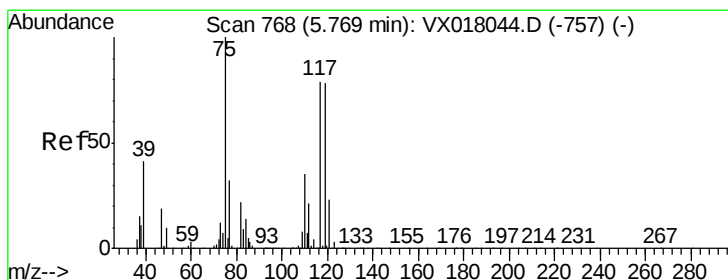
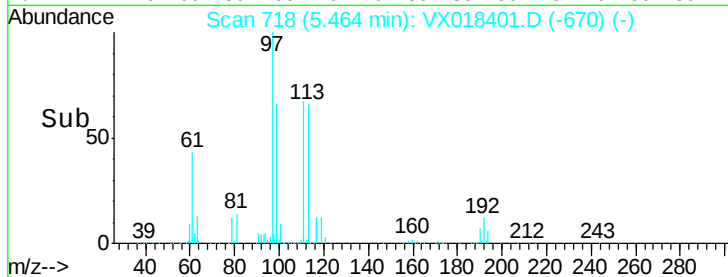
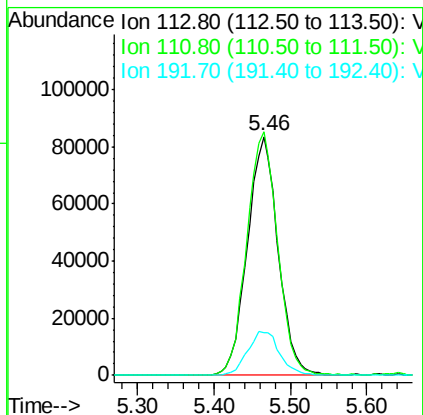
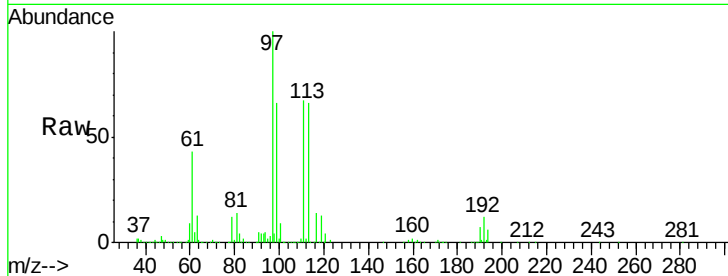
ClientSampleId :

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

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#36

1,1-Dichloropropene

Concen: 52.313 ug/l

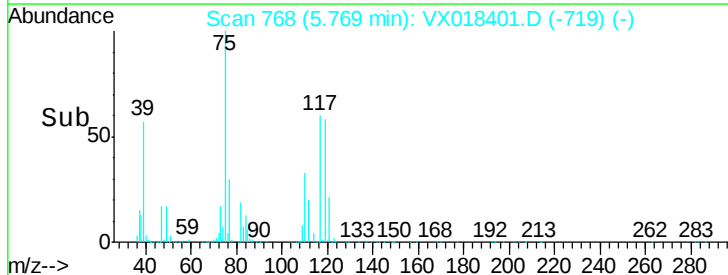
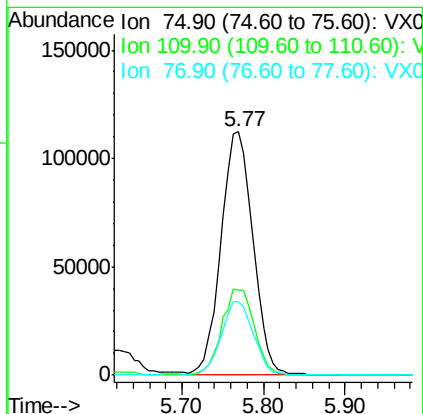
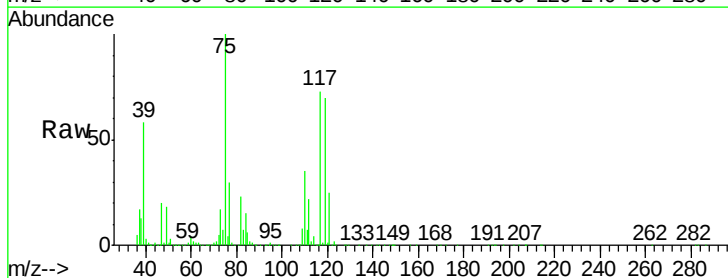
RT: 5.77 min Scan# 768

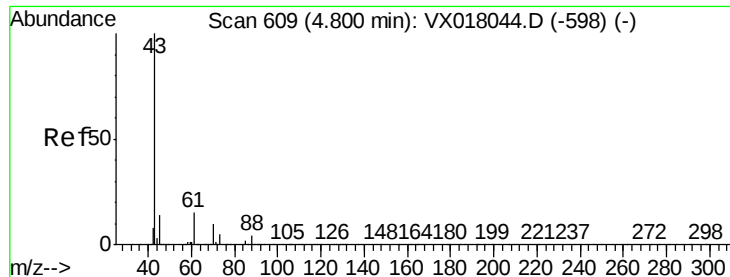
Delta R.T. -0.00 min

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





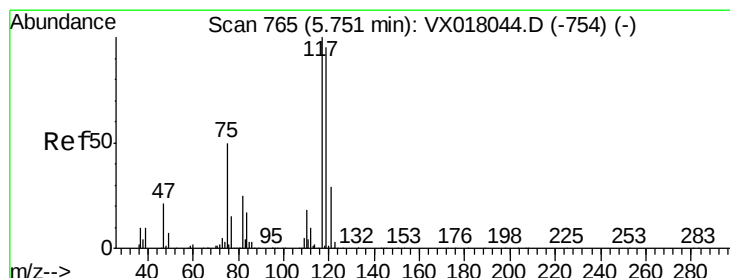
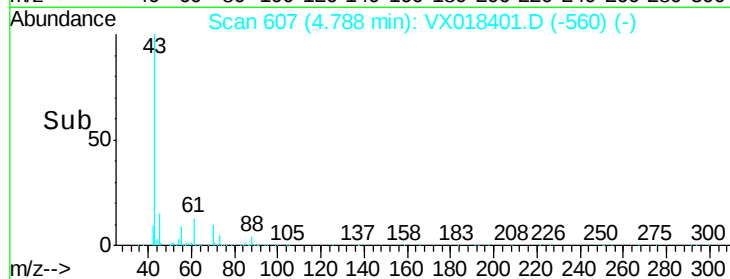
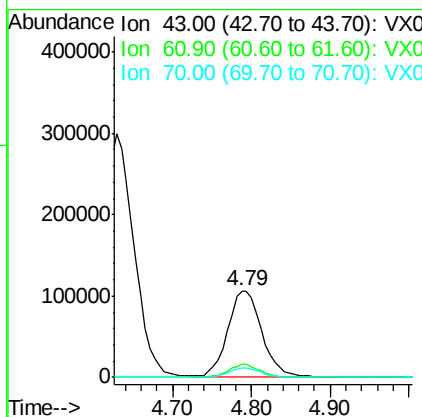
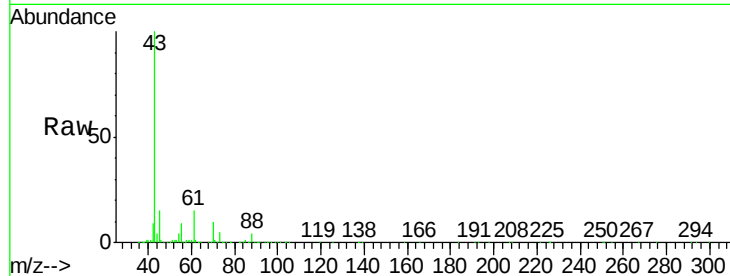
#37
Ethyl Acetate
Concen: 47.077 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

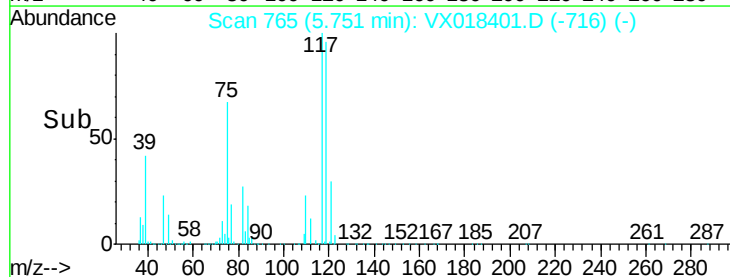
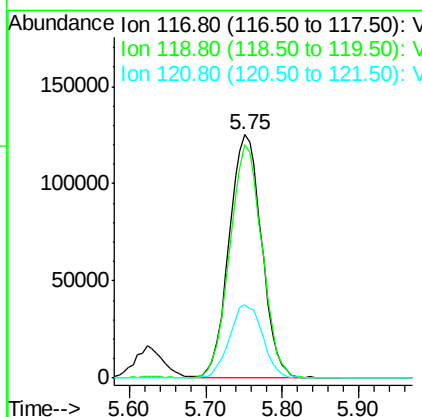
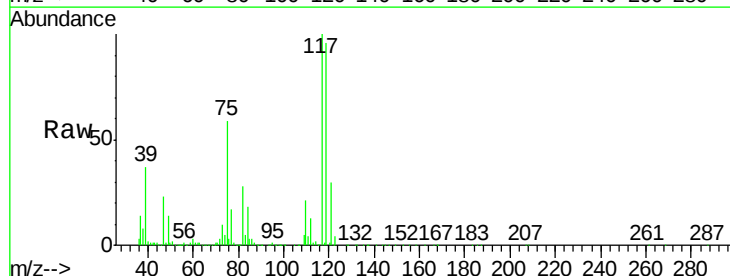
Manual Integrations
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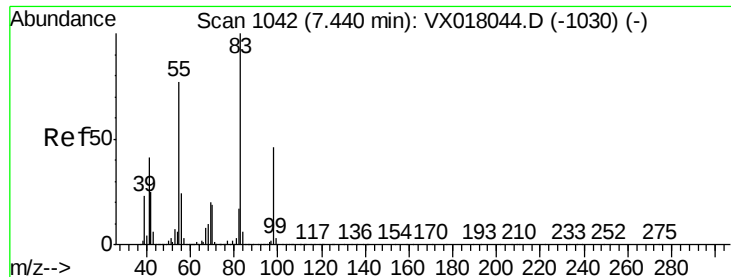
MMDadoda
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#38
Carbon Tetrachloride
Concen: 56.435 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

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





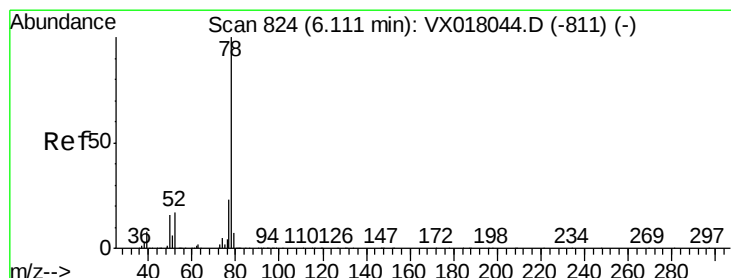
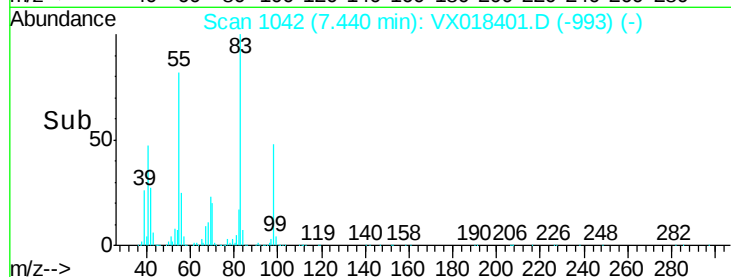
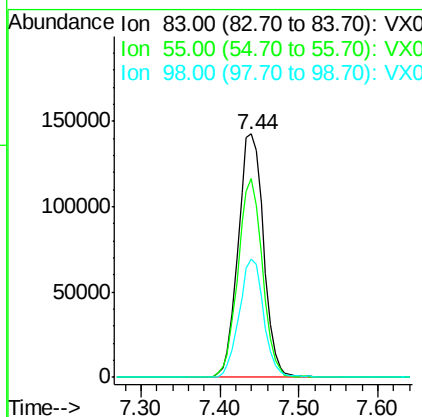
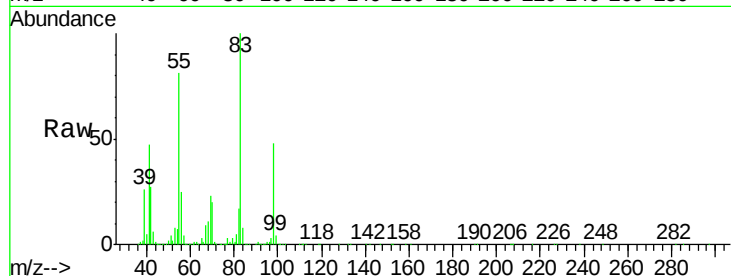
#39
Methvlcvclohexane
Concen: 50.537 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

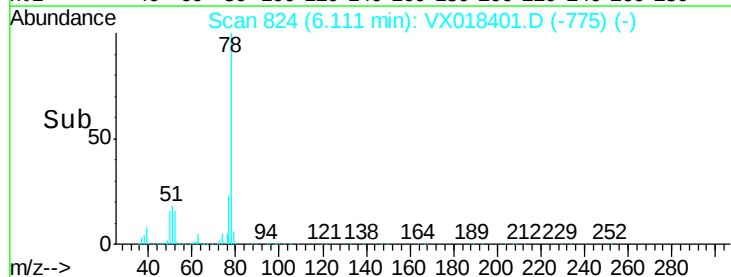
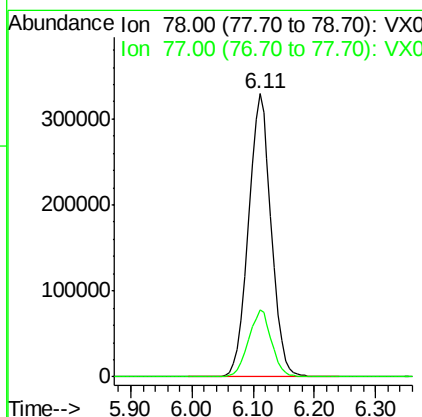
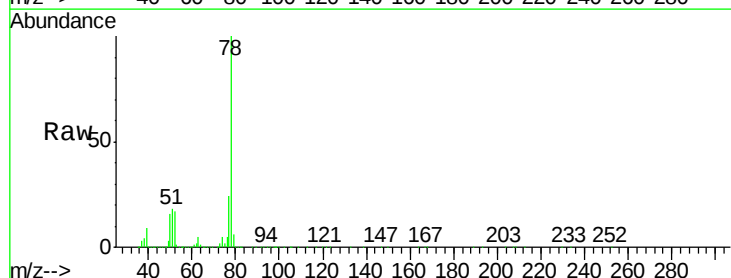
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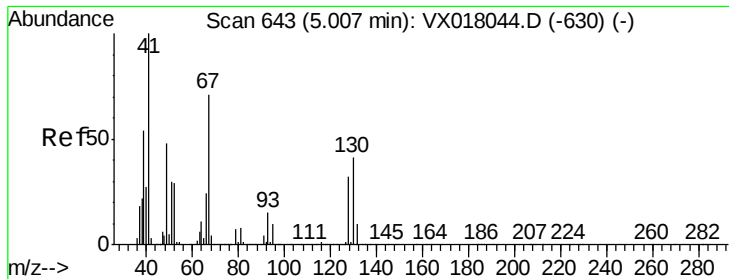
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#40
Benzene
Concen: 50.010 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Resp	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

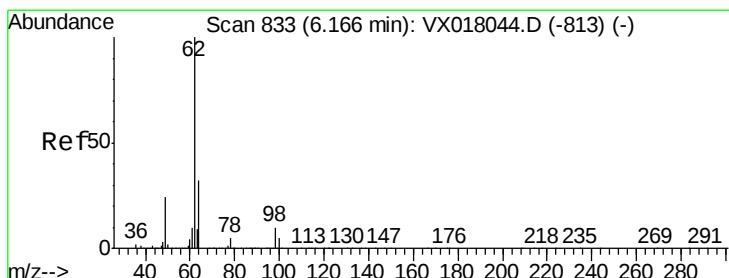
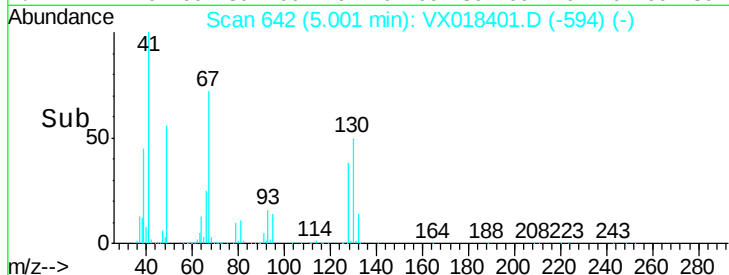
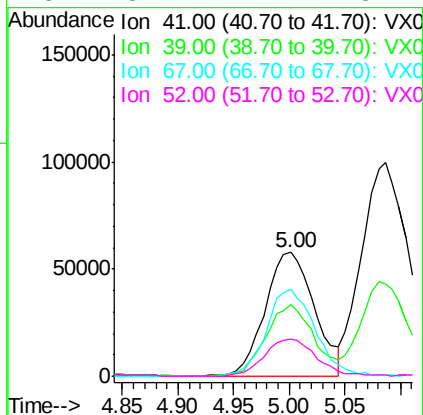
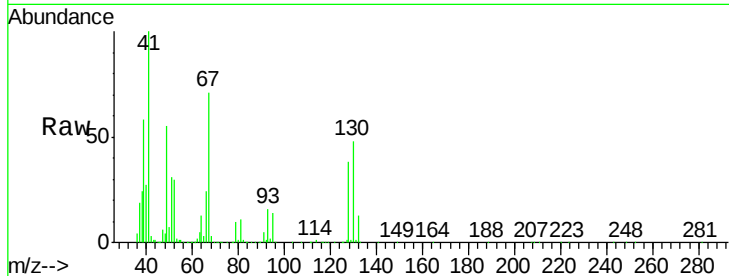
ClientSampleId :

VSTDCCC050

Tot Ion	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	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 55.260 ug/l

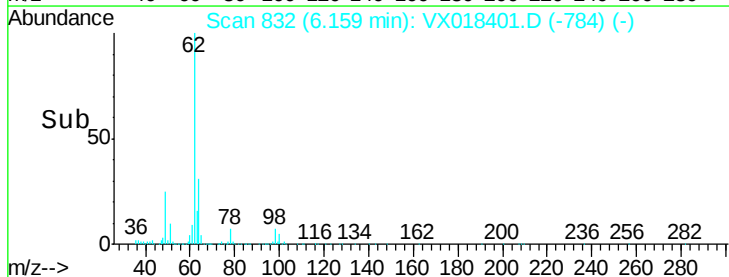
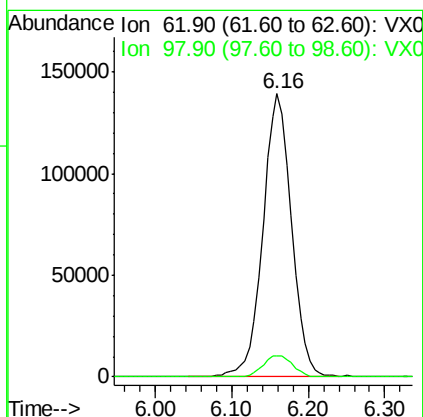
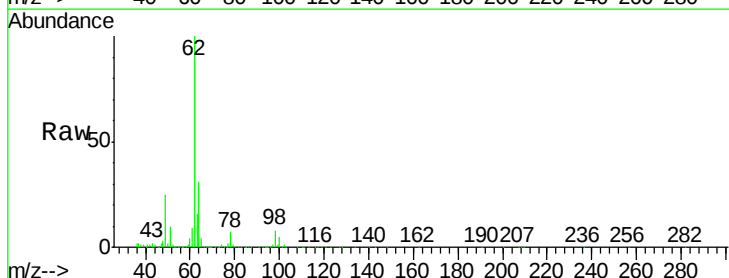
RT: 6.16 min Scan# 832

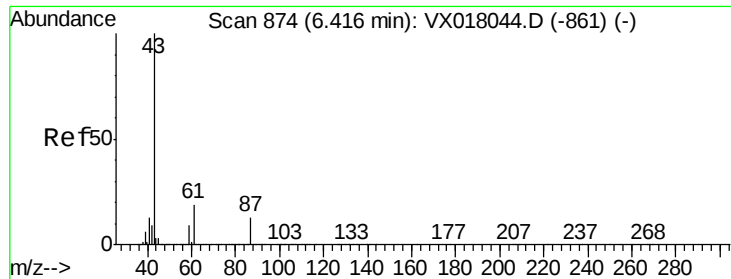
Delta R.T. -0.01 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	18.2	





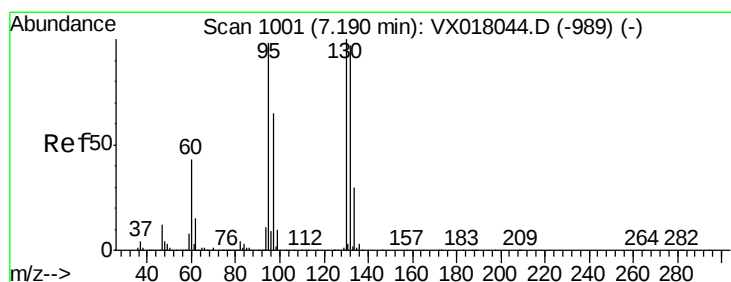
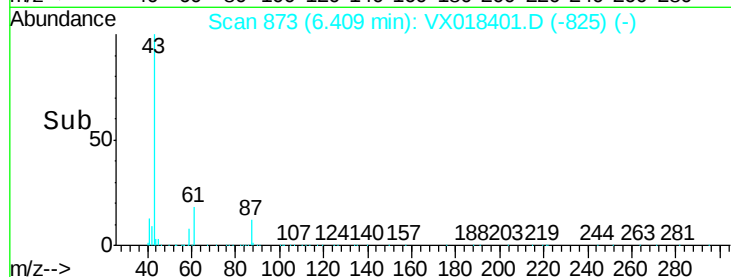
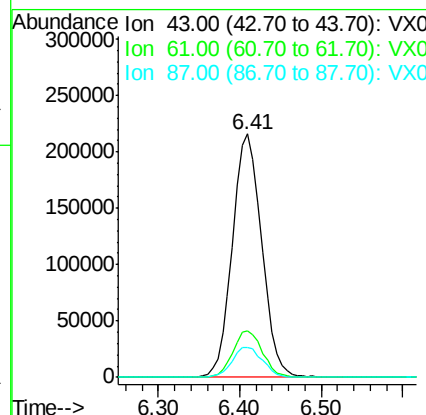
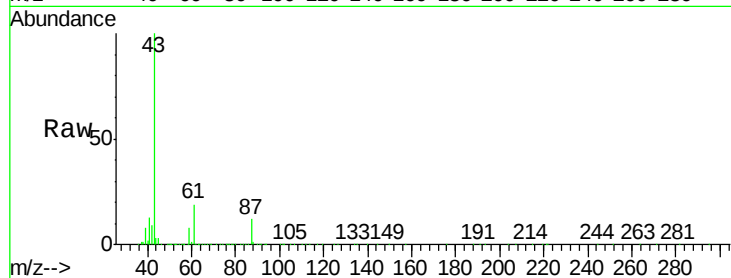
#43
Isopropyl Acetate
Concen: 48.736 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.7	23.5
87	12.9	10.3	15.5

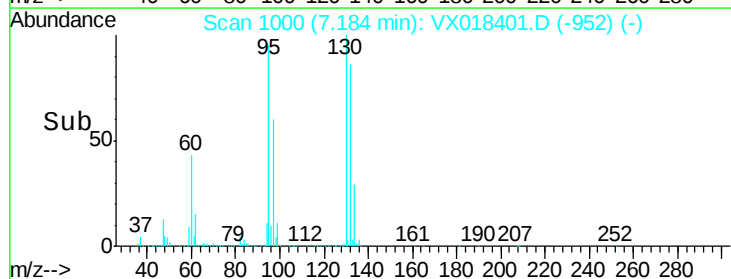
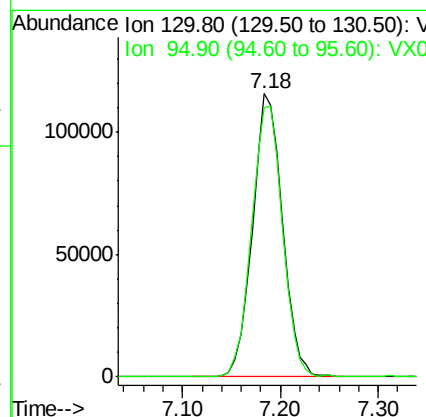
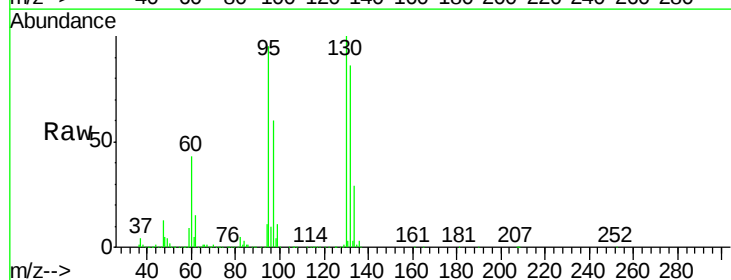
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#44
Trichloroethene
Concen: 50.894 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	196.4





#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

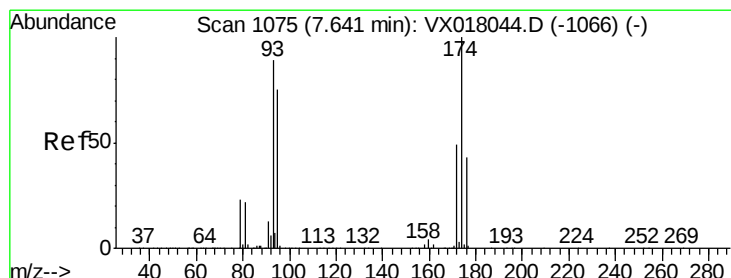
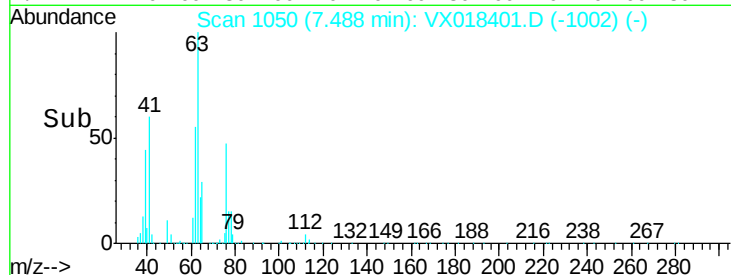
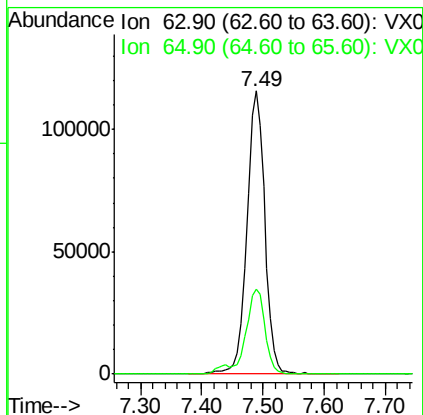
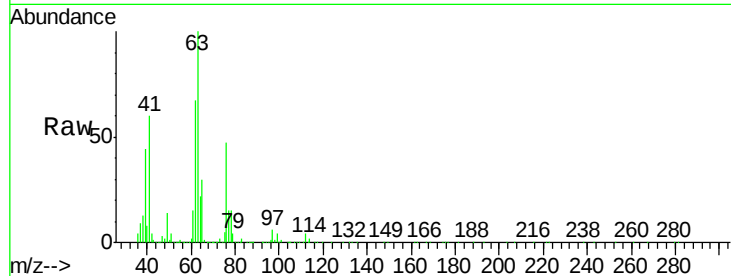
65 29.8 25.7 38.5

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#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

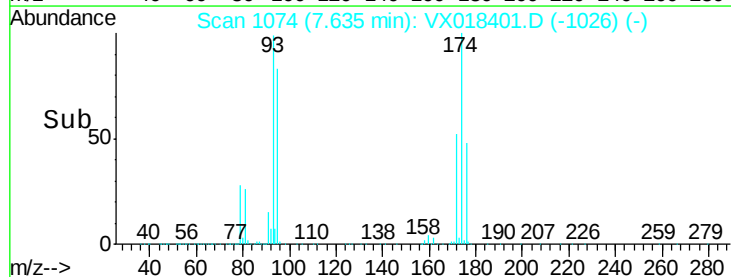
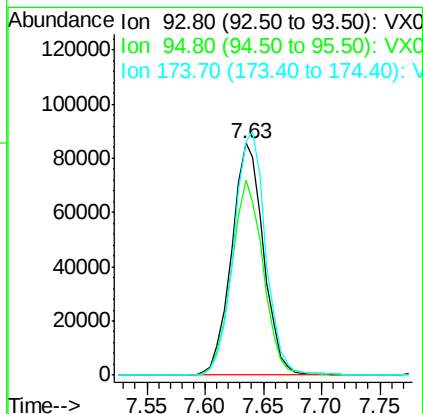
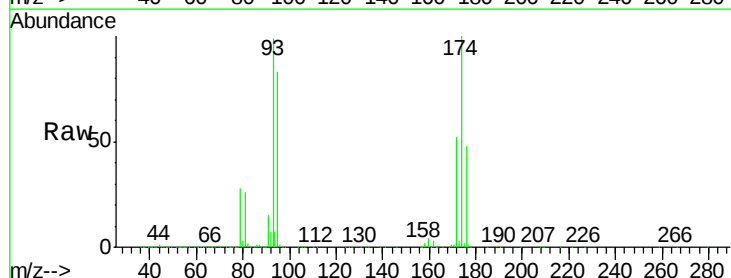
Tgt Ion: 93 Resp: 162591

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

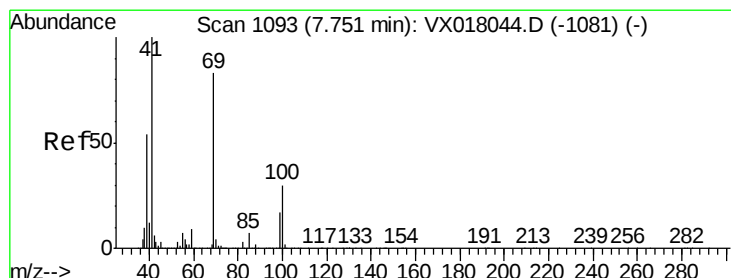
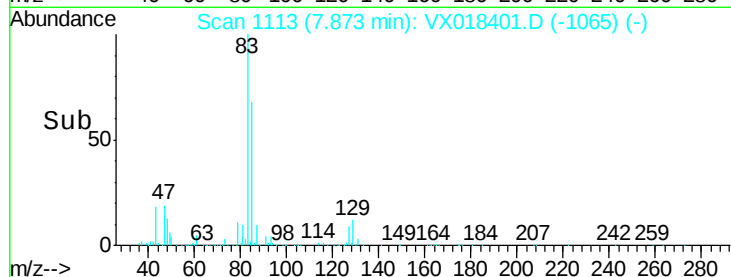
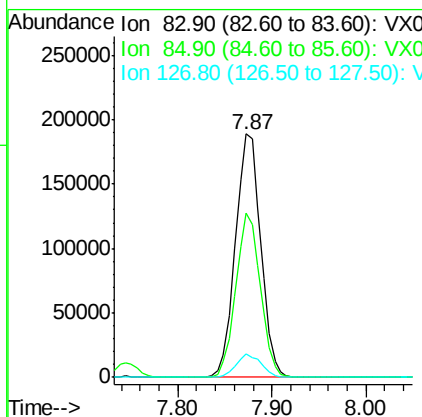
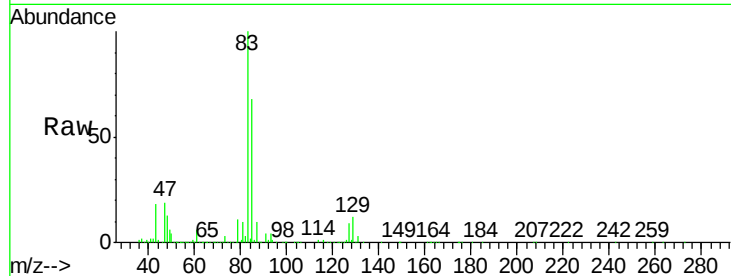
ClientSampleId :

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

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#48

Methyl methacrylate

Concen: 49.481 ug/l

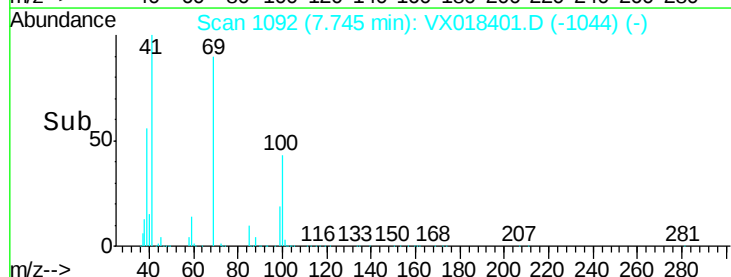
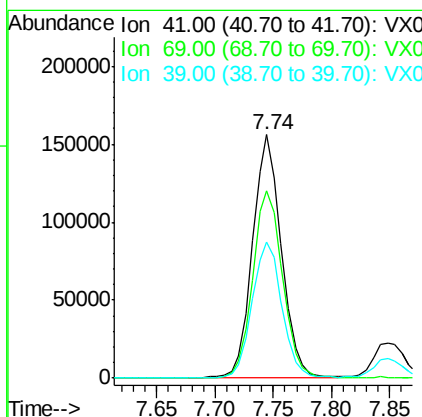
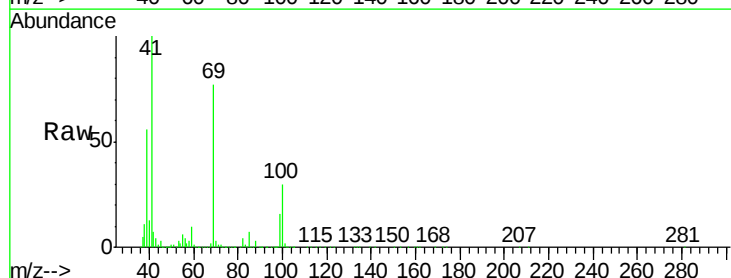
RT: 7.74 min Scan# 1092

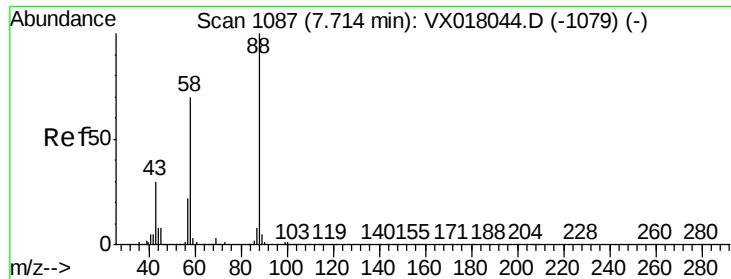
Delta R.T. -0.01 min

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





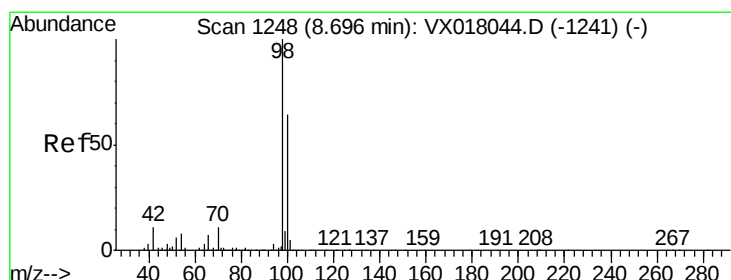
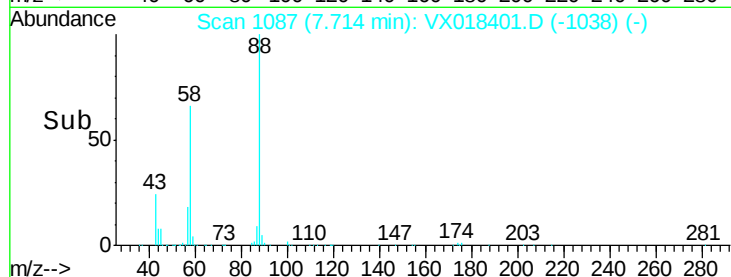
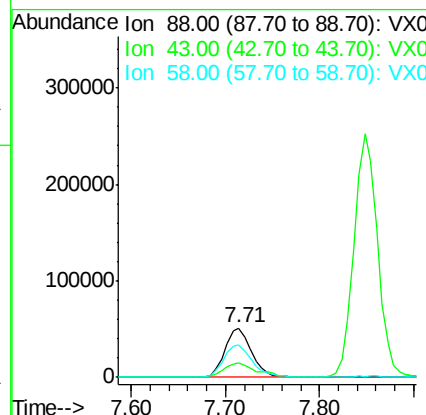
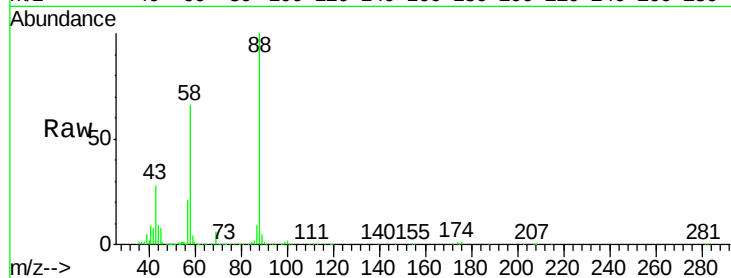
#49
1,4-Dioxane
Concen: 1027.740 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.4	41.0
58	71.1	56.4	84.6

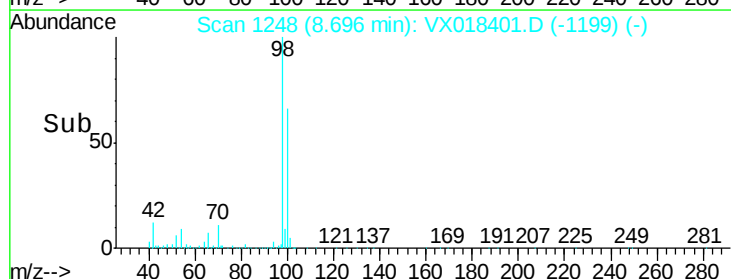
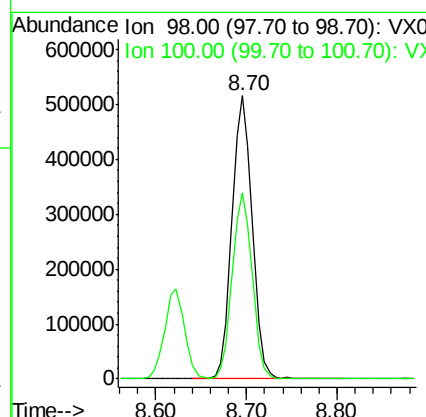
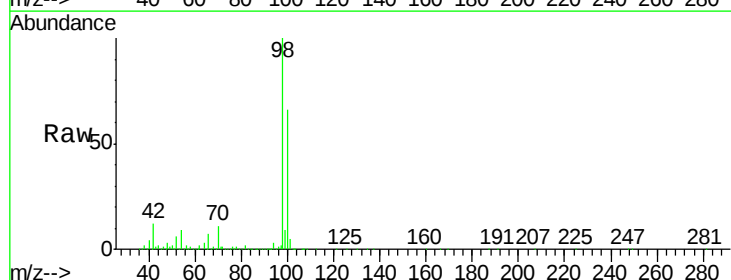
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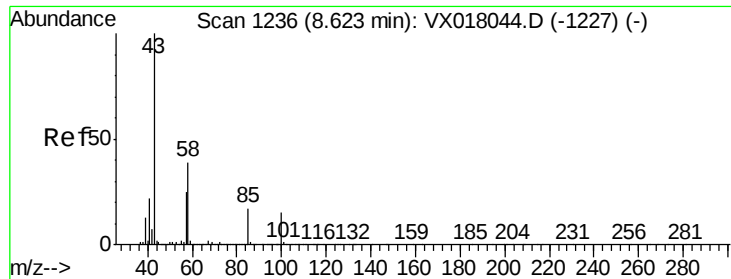
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#50
Toluene-d8
Concen: 49.671 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.4





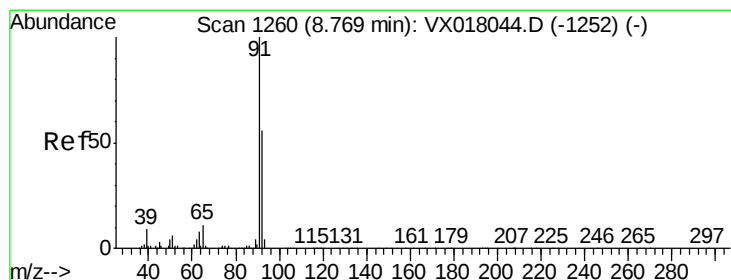
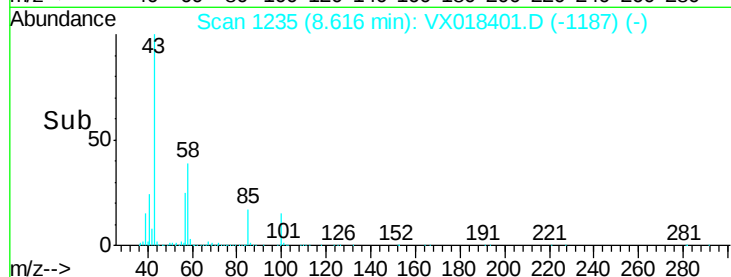
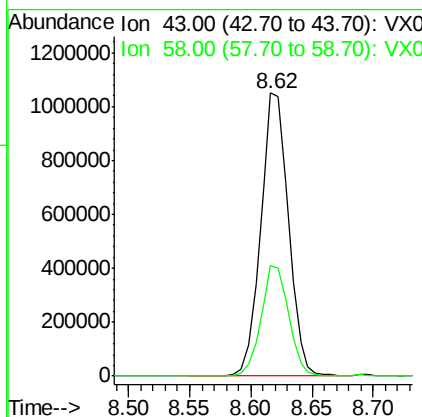
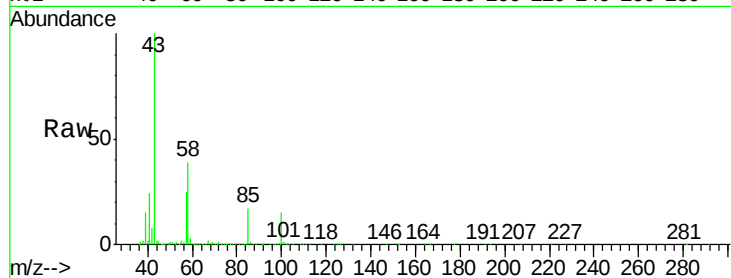
#51
4-Methyl-2-Pentanone
Concen: 246.378 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

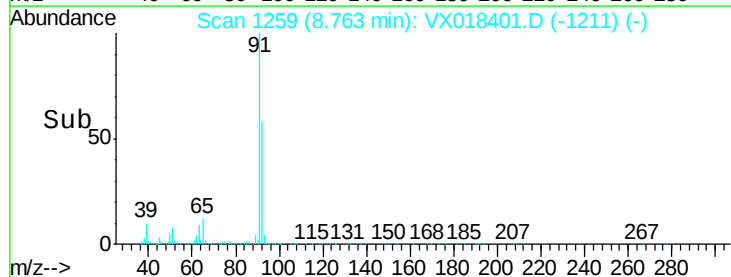
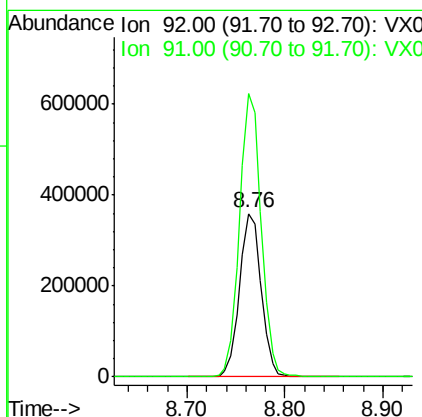
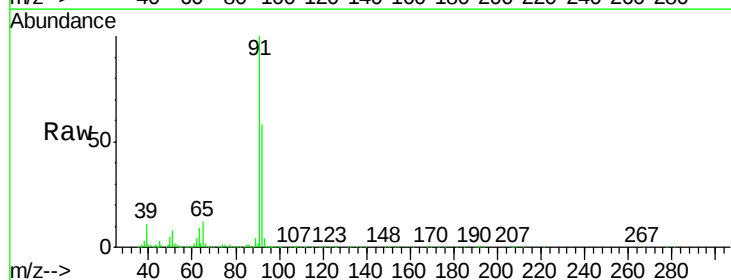
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#52
Toluene
Concen: 51.201 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

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





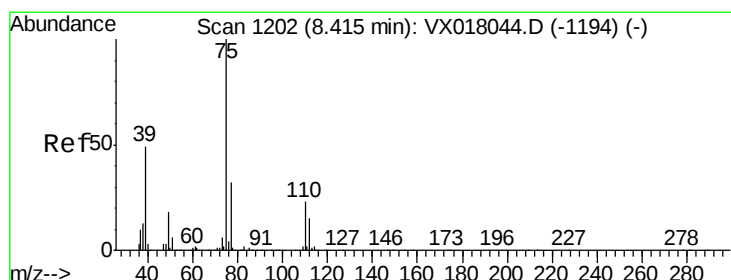
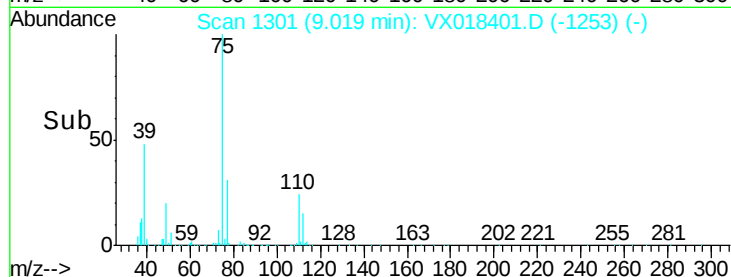
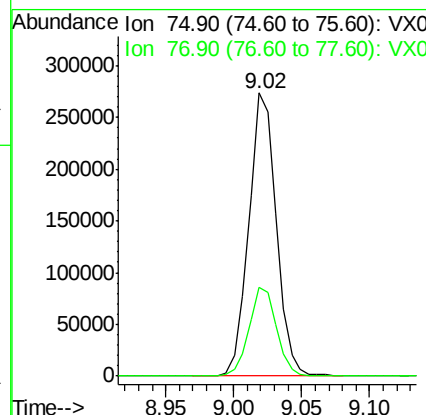
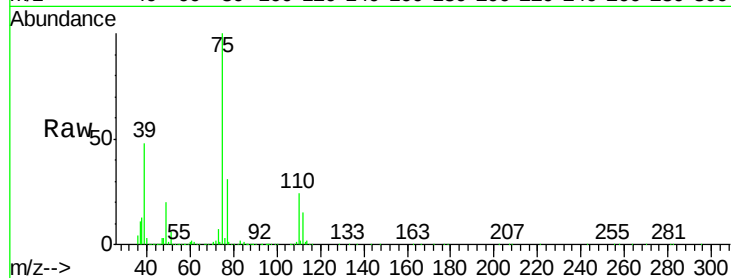
#53
t-1,3-Dichloropropene
Concen: 54.227 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.6	39.8

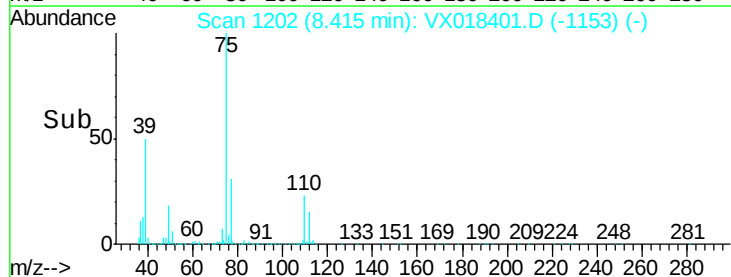
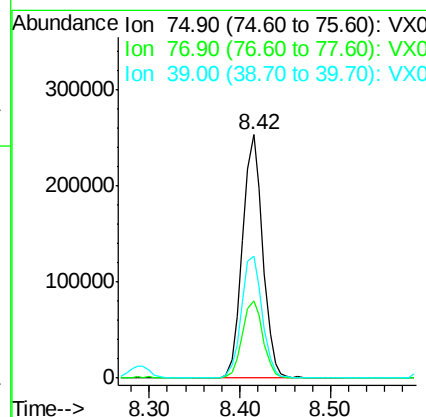
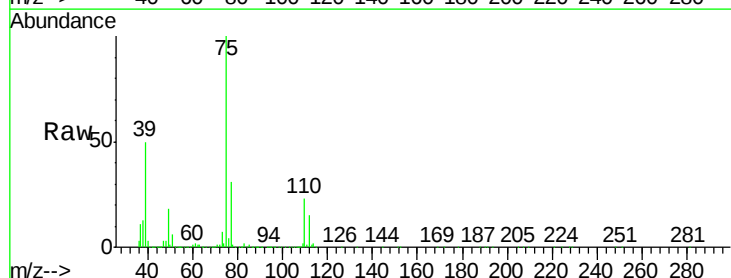
Manual Integrations
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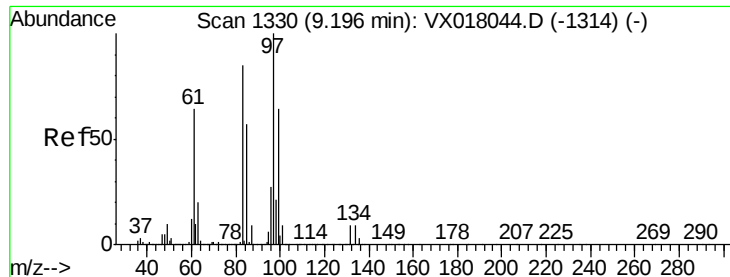
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#54
cis-1,3-Dichloropropene
Concen: 51.994 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	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

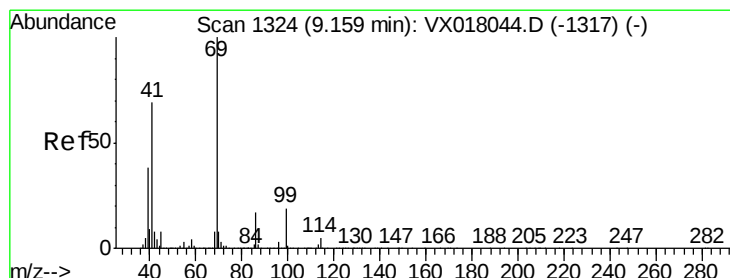
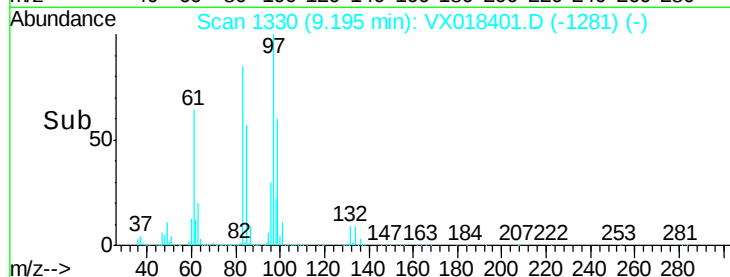
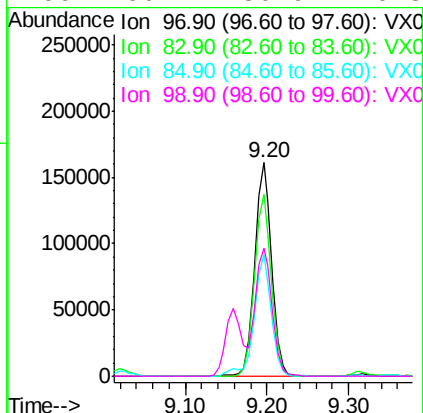
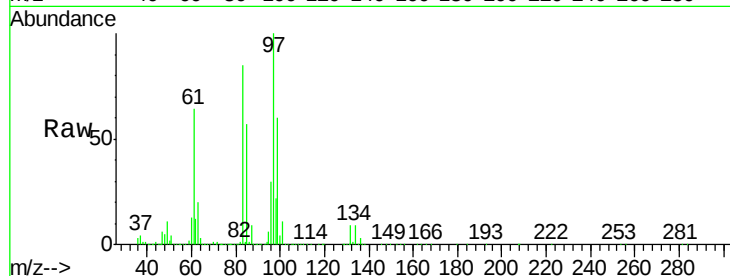
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		237427		
83	84.9	67.8	101.6		
85	57.0	45.3	67.9		
99	60.1	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 50.955 ug/l

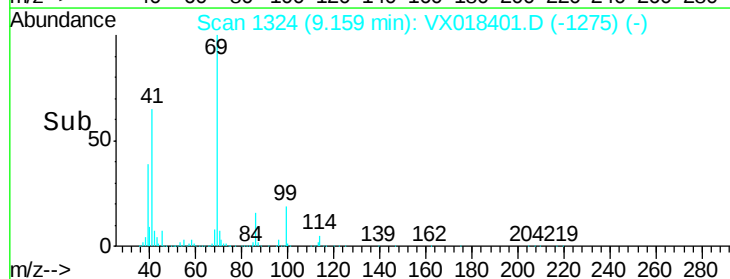
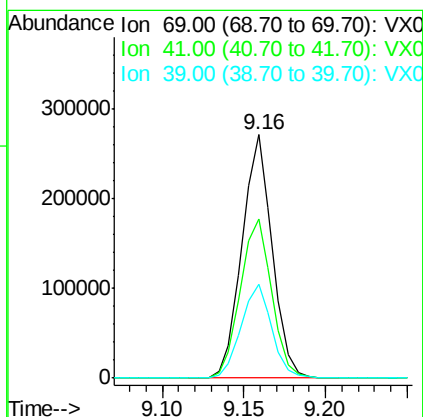
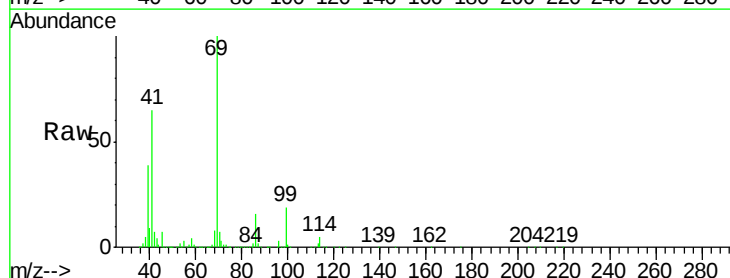
RT: 9.16 min Scan# 1324

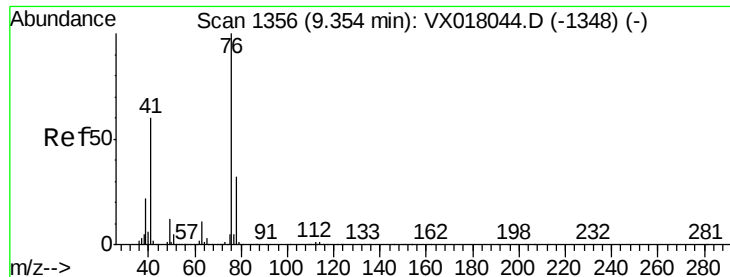
Delta R.T. -0.00 min

Lab File: VX018401.D

Acq: 15 Sep 2020 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		350052		
41	67.8	54.6	81.8		
39	39.8	29.1	43.7		





#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

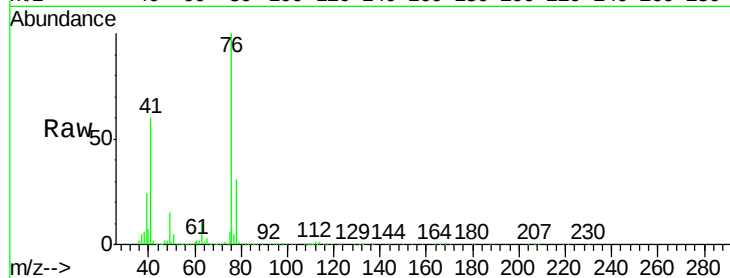
78 32.0 25.8 38.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

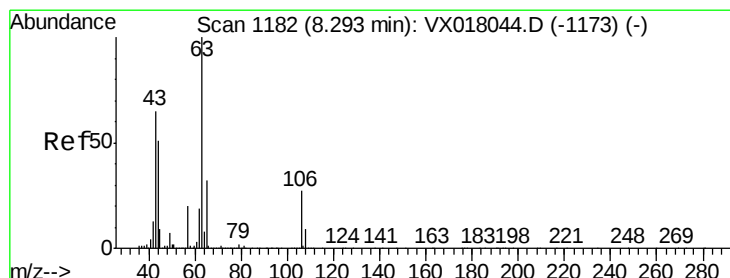
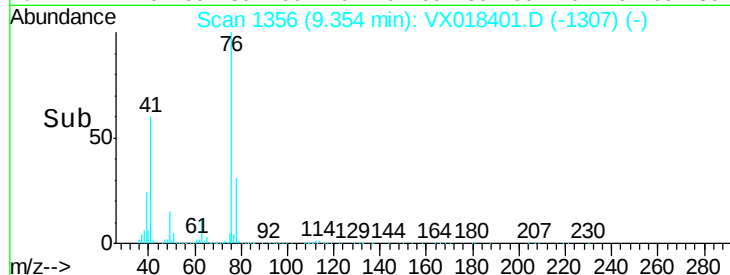
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#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

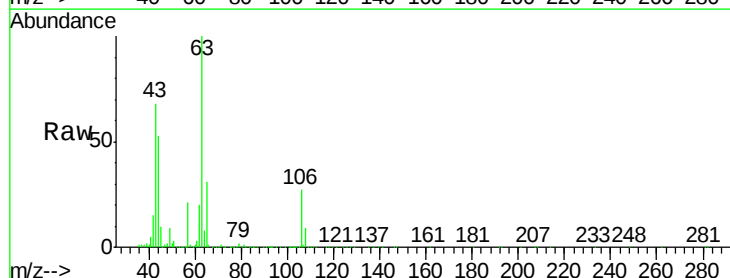
Acq: 15 Sep 2020 12:41

Tgt Ion: 63 Resp: 847070

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

600000

500000

400000

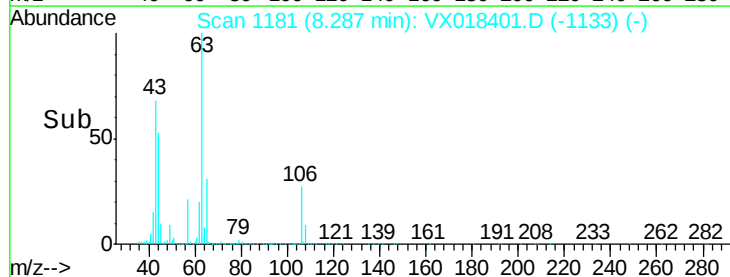
300000

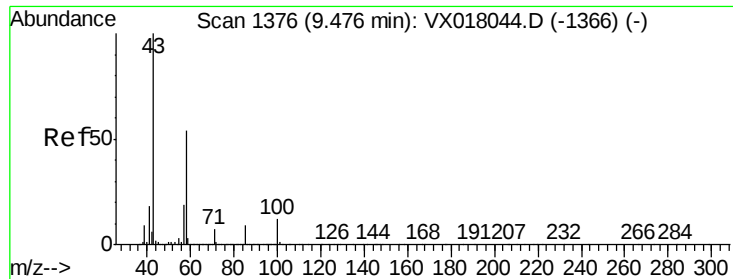
200000

100000

0

Time--> 8.20 8.25 8.30 8.35 8.40





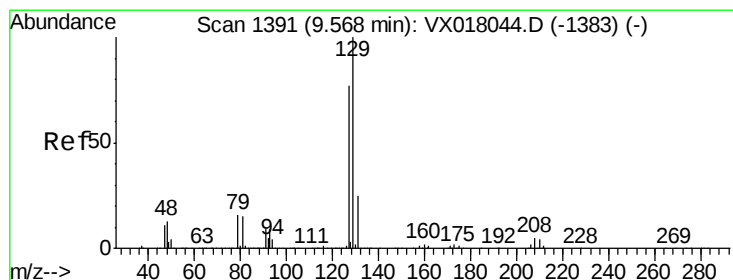
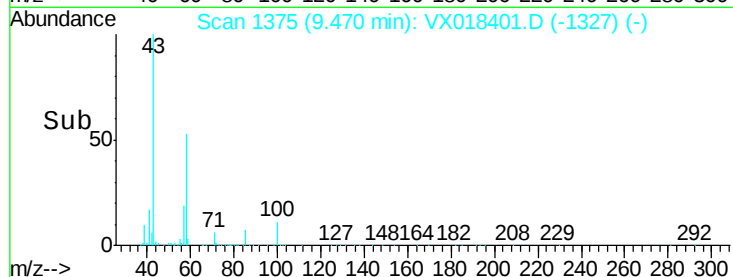
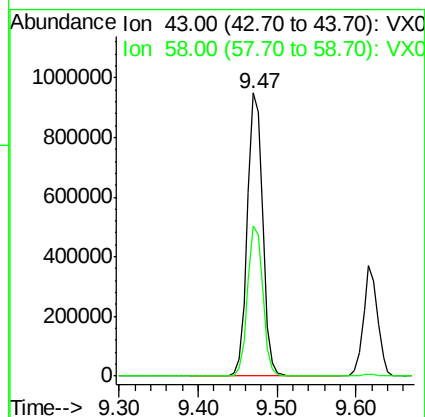
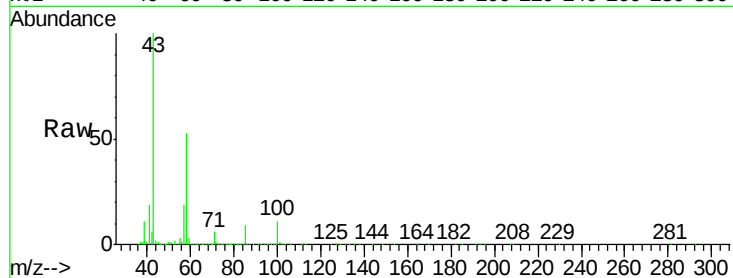
#59
2-Hexanone
Concen: 248.497 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

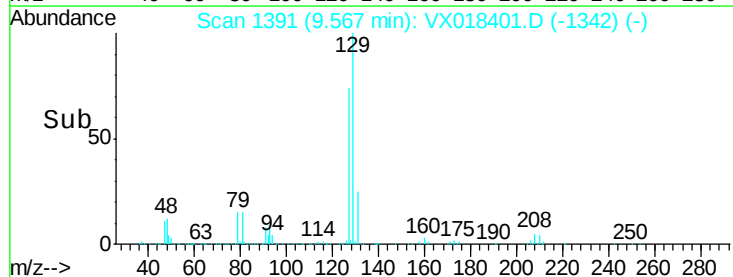
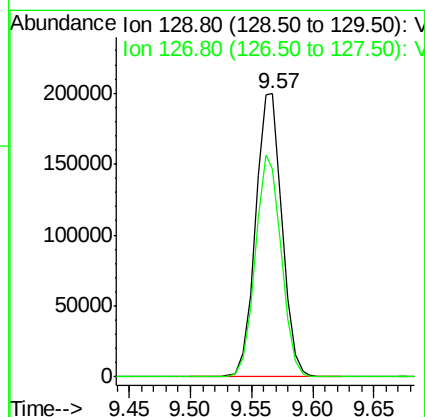
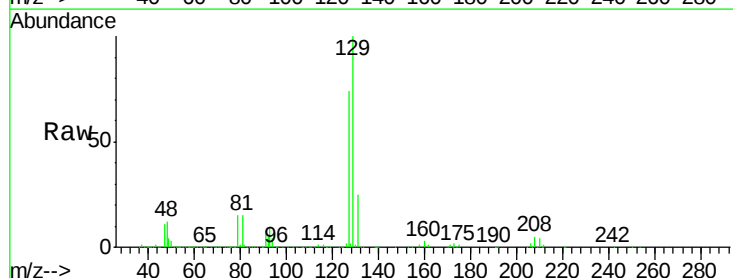
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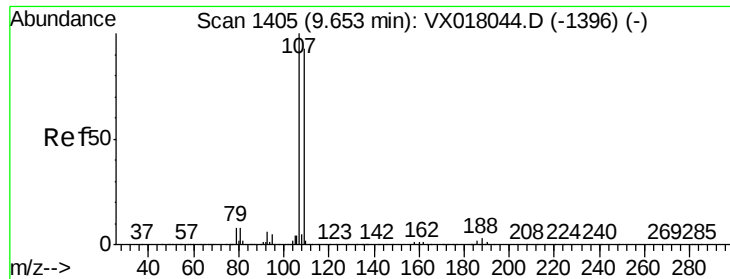
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#60
Dibromochloromethane
Concen: 55.646 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

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





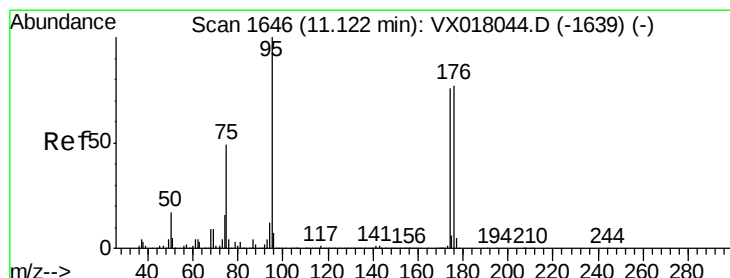
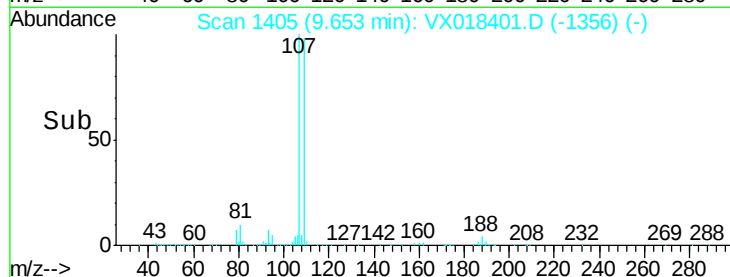
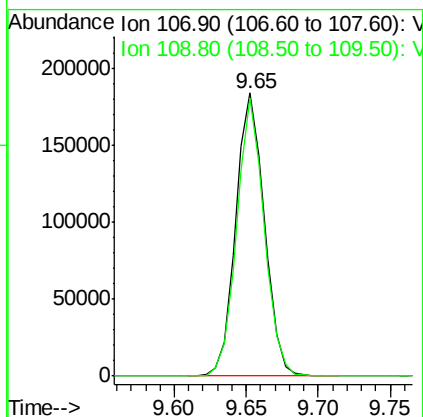
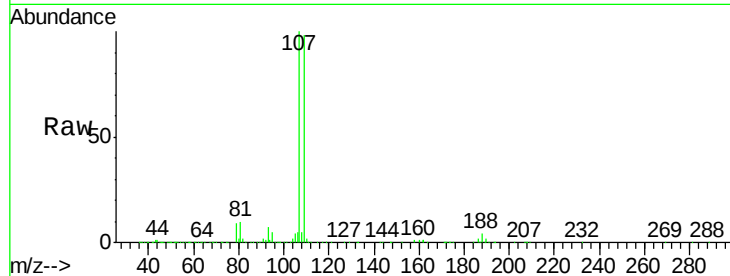
#61
 1,2-Dibromoethane
 Concen: 50.926 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018401.D
 Acq: 15 Sep 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.9	113.9

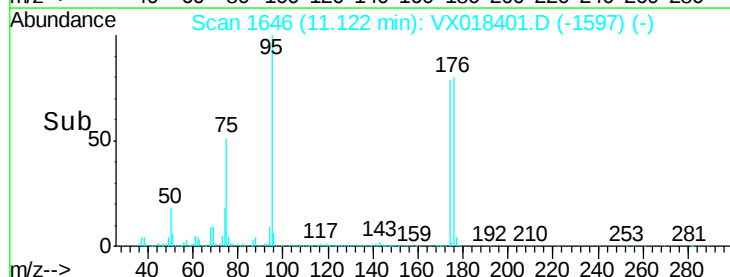
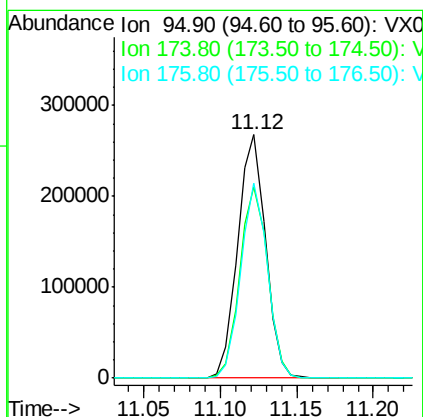
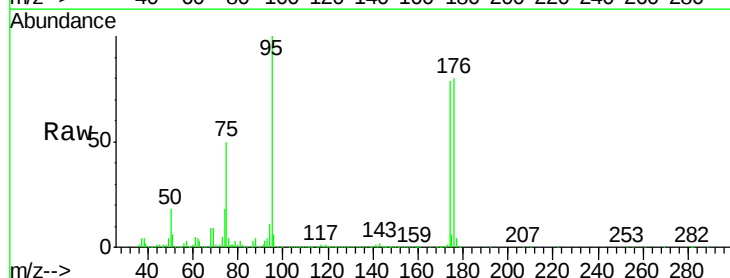
Manual Integrations
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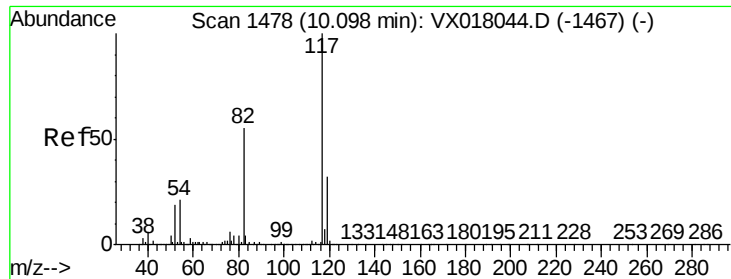
MMDadoda
 9/16/2020 11:45:05 AM



#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	Ratio	Lower	Upper
95	100		
174	79.2	0.0	160.2
176	77.1	0.0	155.8





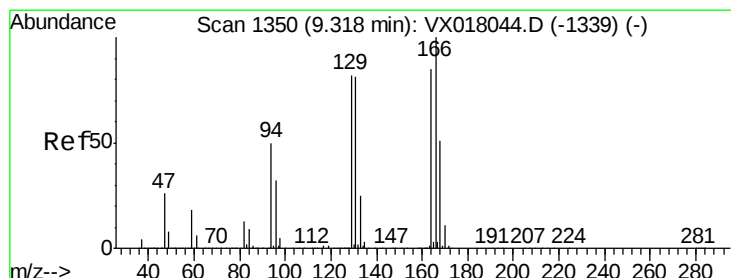
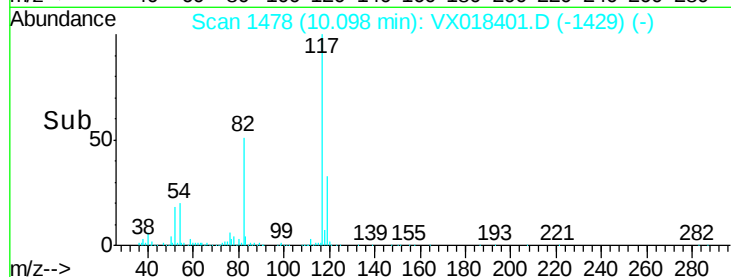
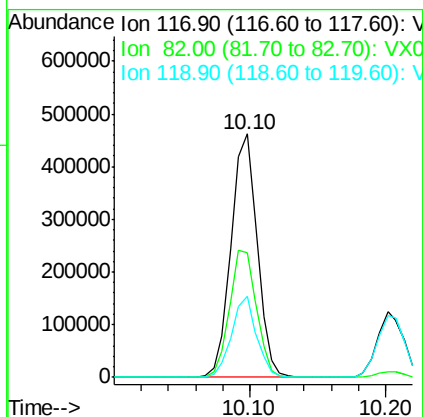
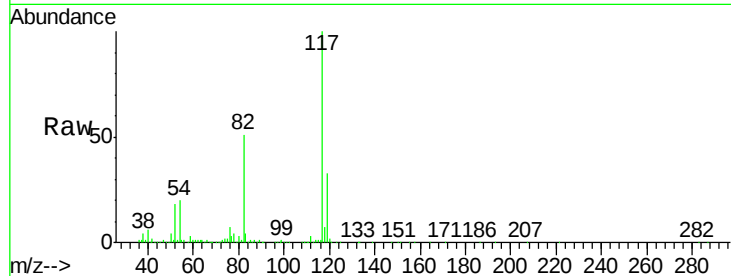
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	618040		
82	51.3	44.2	66.2	
119	33.1	25.7	38.5	

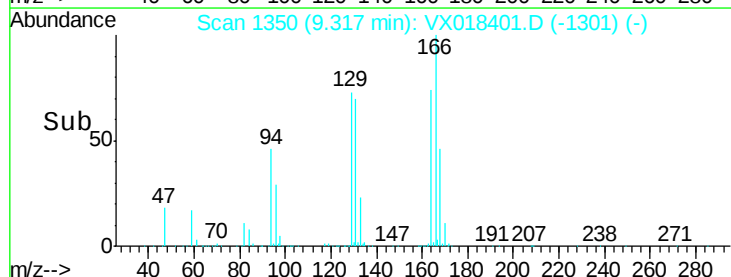
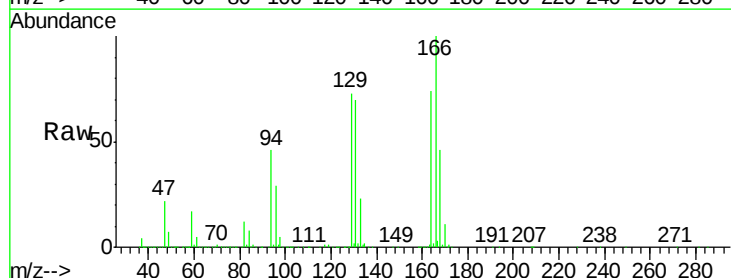
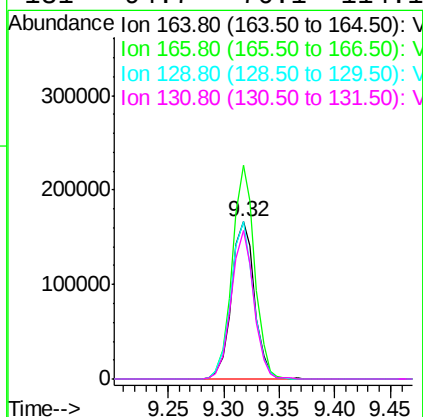
Manual Integrations
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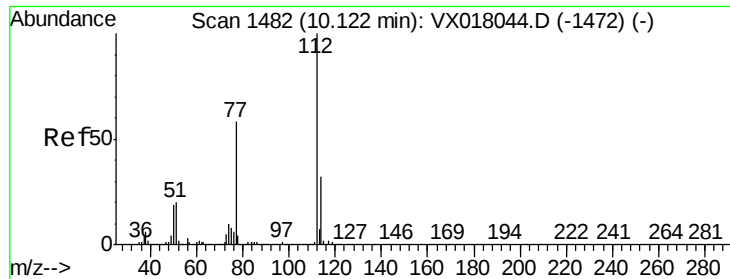
MMDadoda
9/16/2020 11:45:05 AM



#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	Resp	Lower	Upper
164	100	237007		
166	135.7	94.2	141.2	
129	99.7	76.9	115.3	
131	94.7	76.1	114.1	





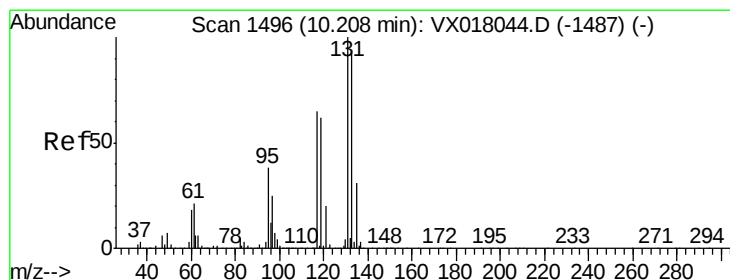
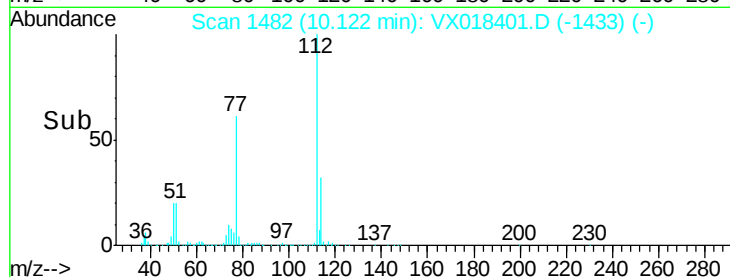
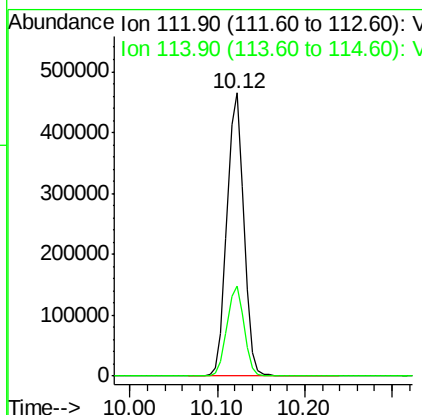
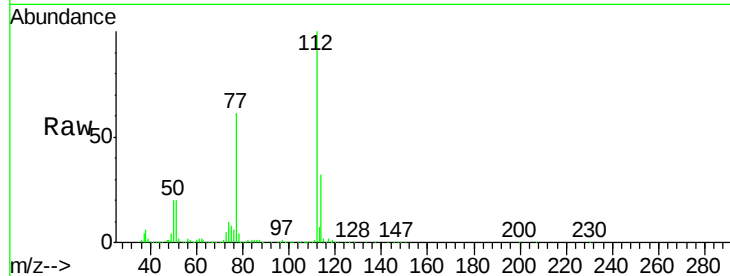
#65
Chlorobenzene
Concen: 50.441 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5

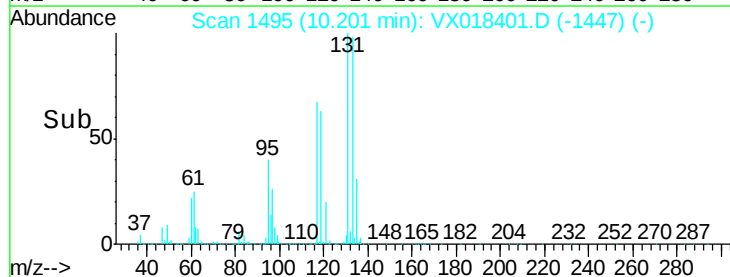
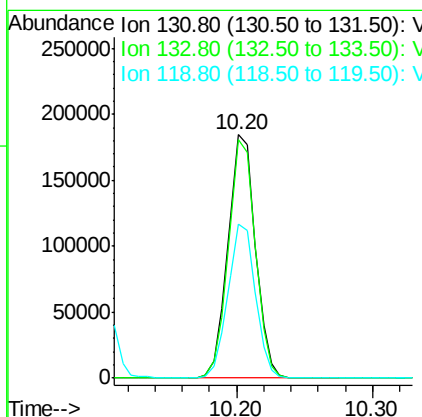
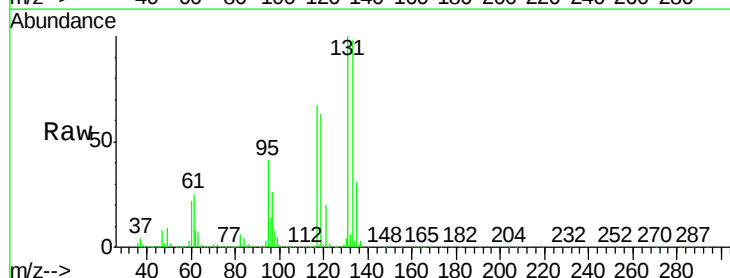
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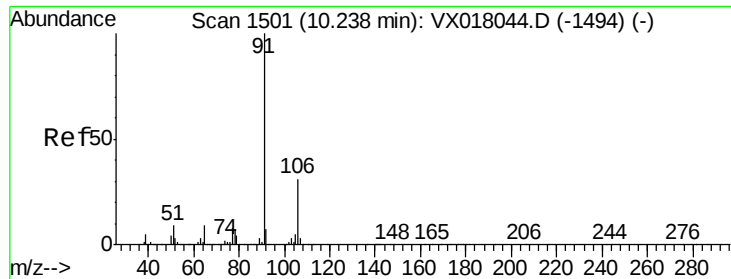
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.123 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	46.7	140.1
119	63.8	31.8	95.4





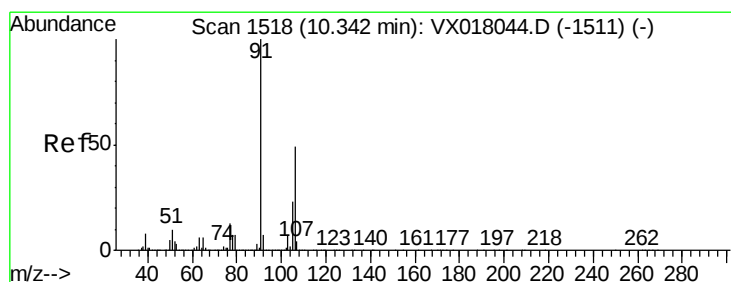
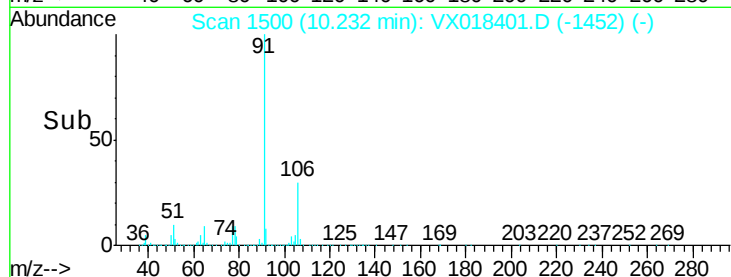
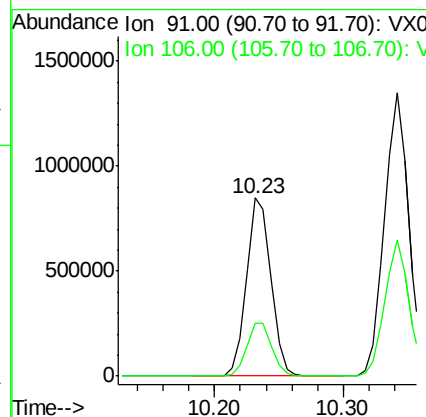
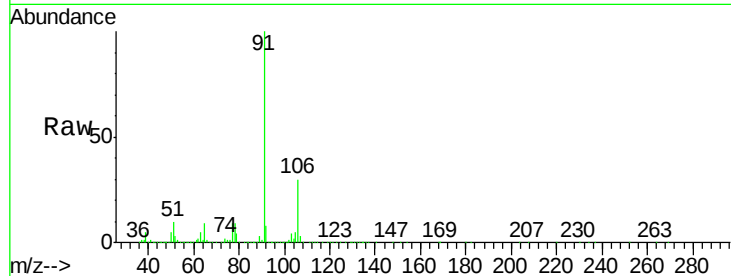
#67
Ethyl Benzene
Concen: 52.577 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

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

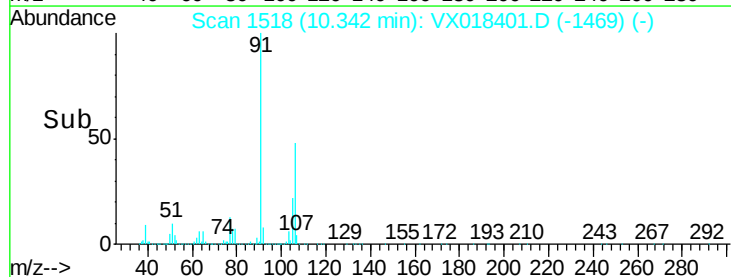
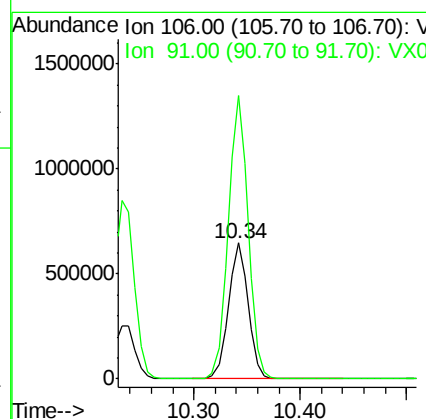
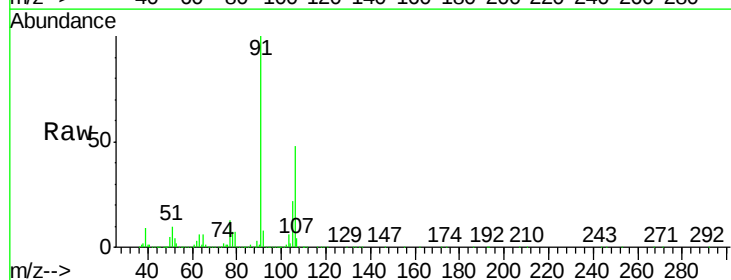
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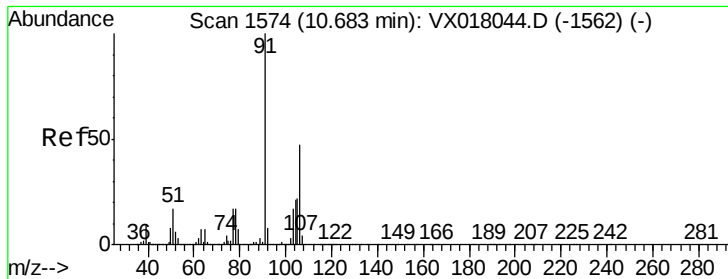
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#68
m/p-Xylenes
Concen: 106.817 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

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





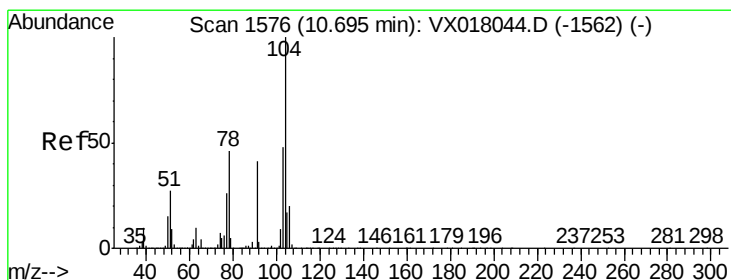
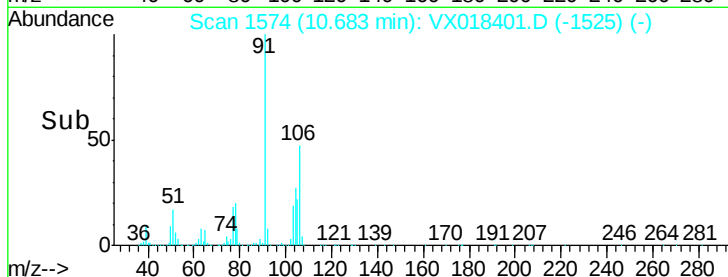
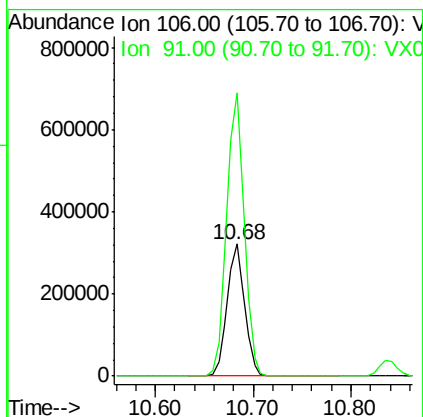
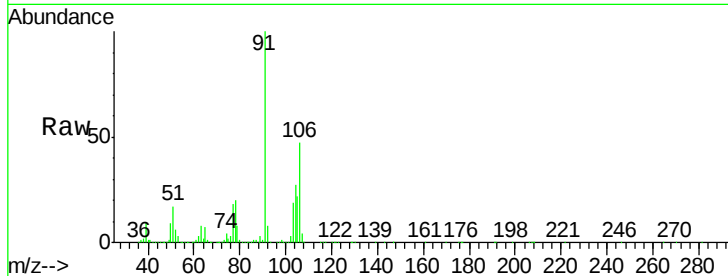
#69
o-Xylene
Concen: 52.539 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.2	107.1	321.3

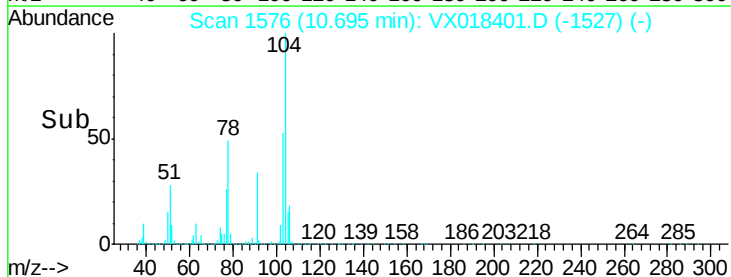
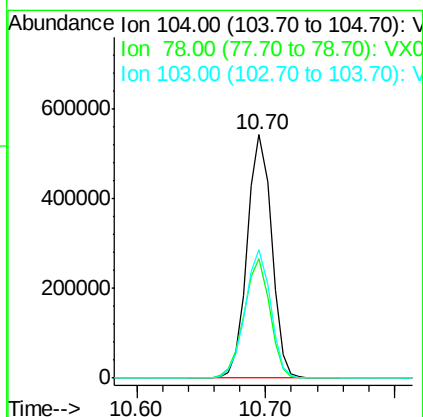
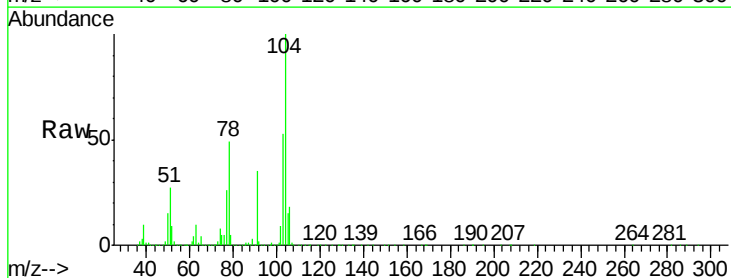
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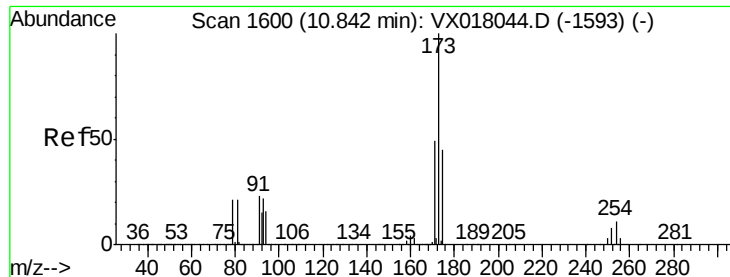
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#70
Styrene
Concen: 54.537 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	40.9	61.3
103	55.5	43.6	65.4





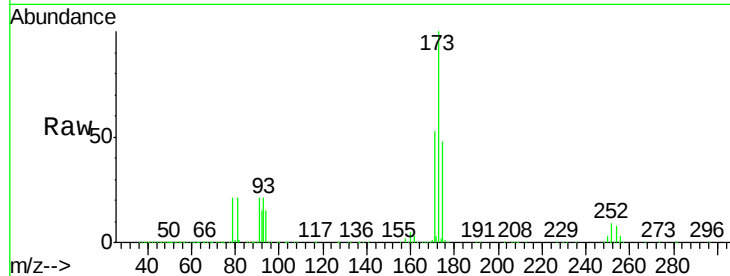
#71
Bromoform
Concen: 54.798 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

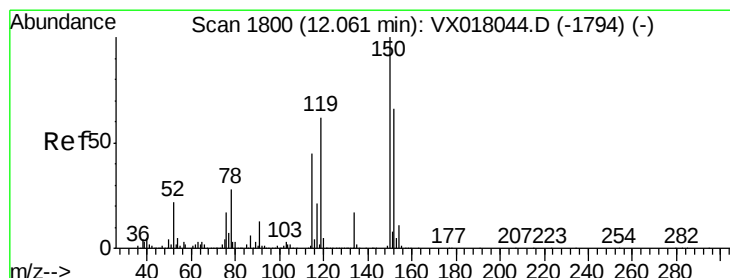
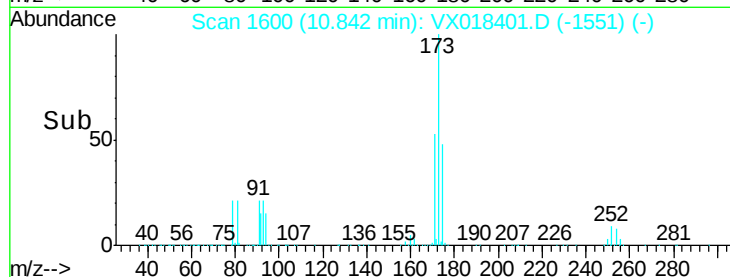
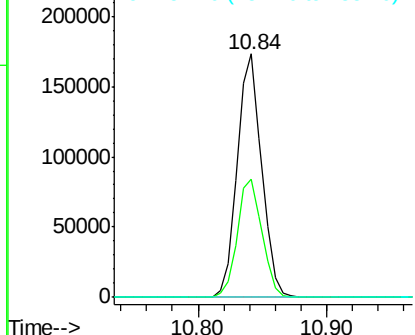
Tot Ion	Ratio	Resp	Lower	Upper
173	100	227393		
175	49.1	23.9	71.8	
254	0.2	0.2	0.2	

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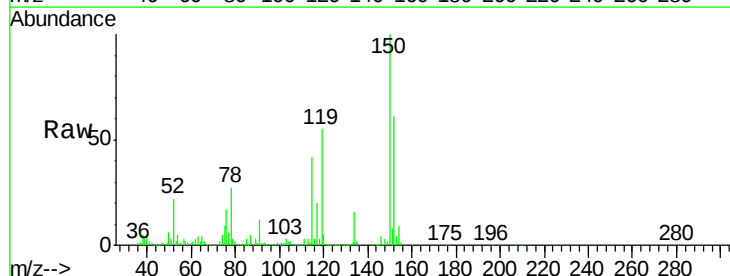


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

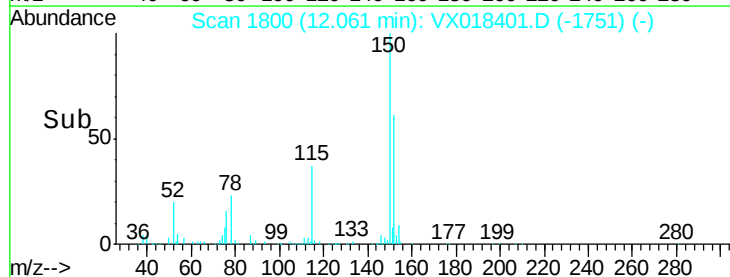
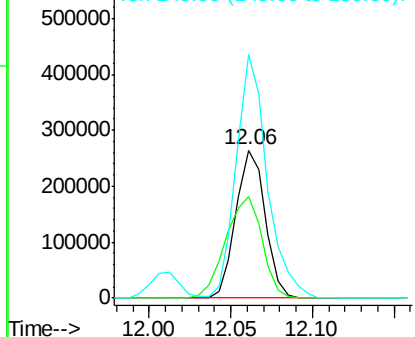


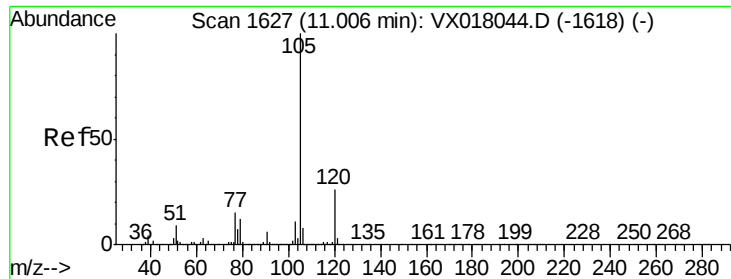
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	332209		
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

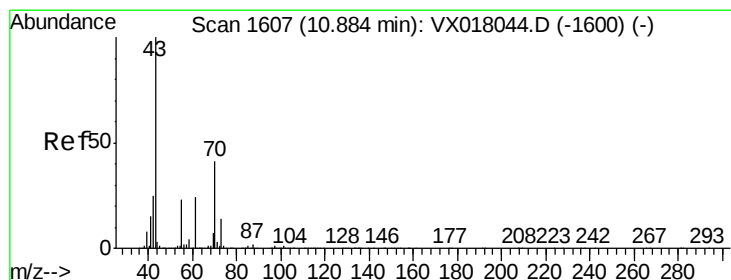
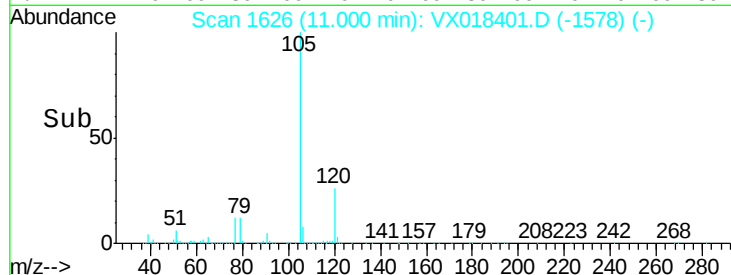
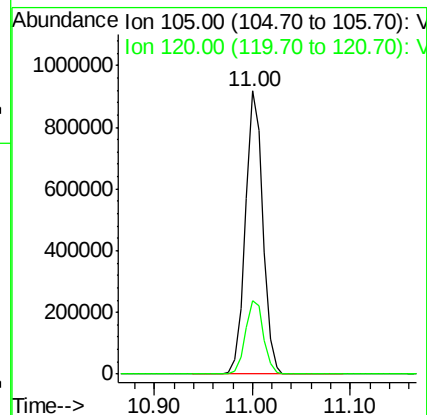
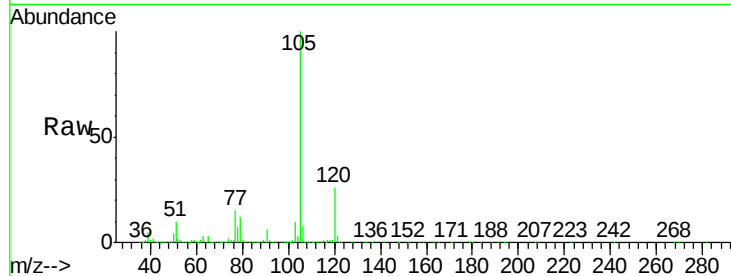
105 100

120 26.8 13.2 39.5

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#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

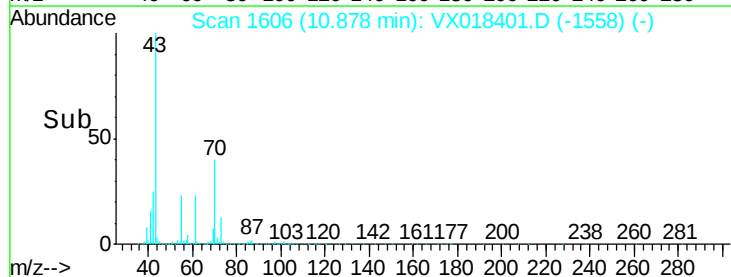
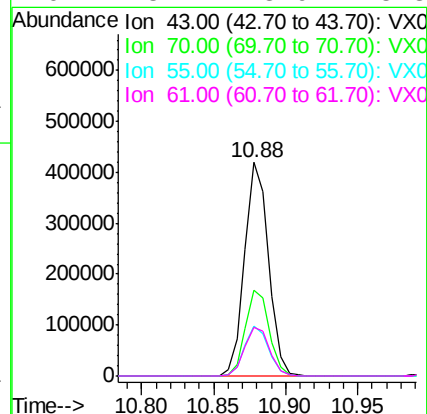
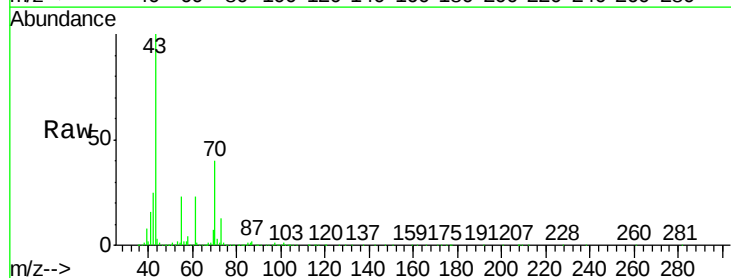
Ion Ratio Lower Upper

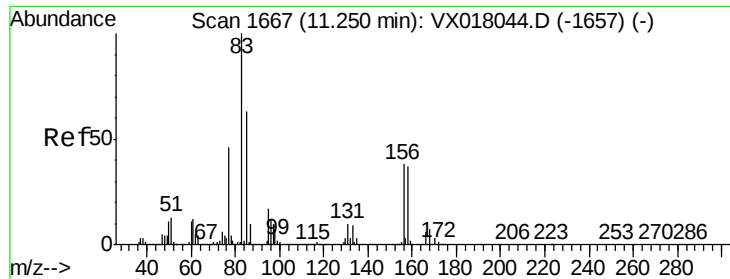
43 100

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

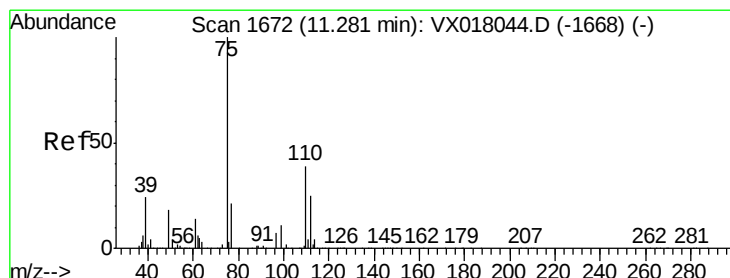
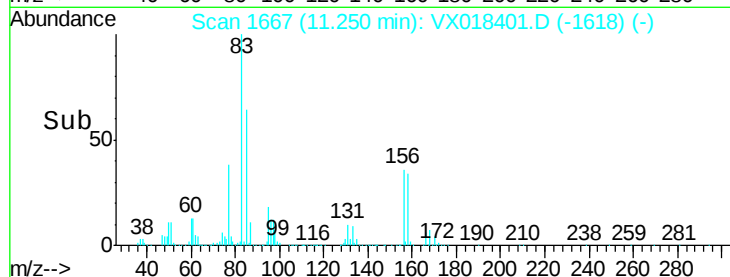
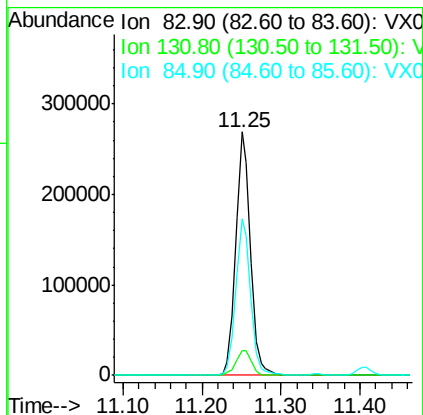
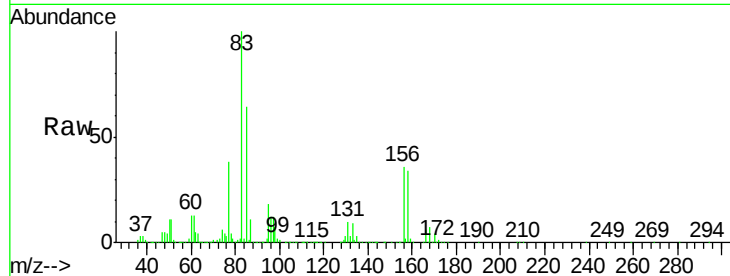
131 11.1 5.1 15.4

85 65.0 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 47.007 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018401.D

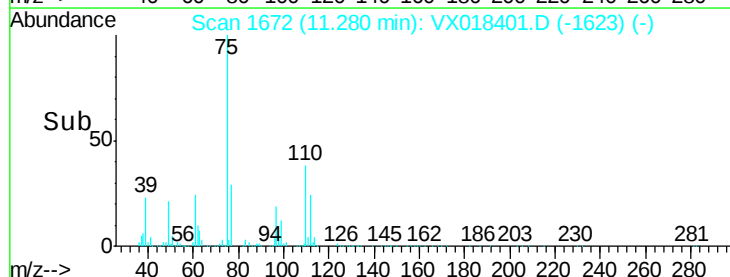
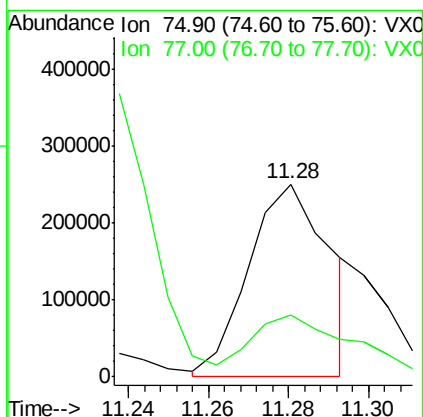
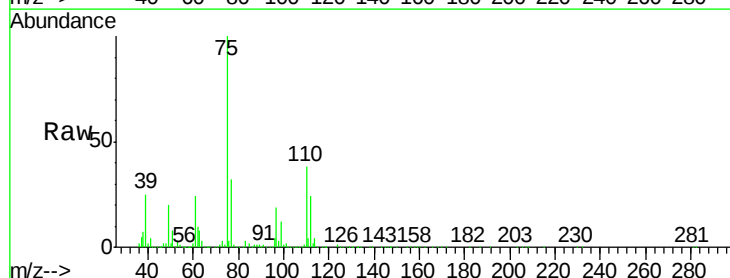
Acq: 15 Sep 2020 12:41

Tgt Ion: 75 Resp: 347389

Ion Ratio Lower Upper

75 100

77 40.6 20.8 62.2





#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

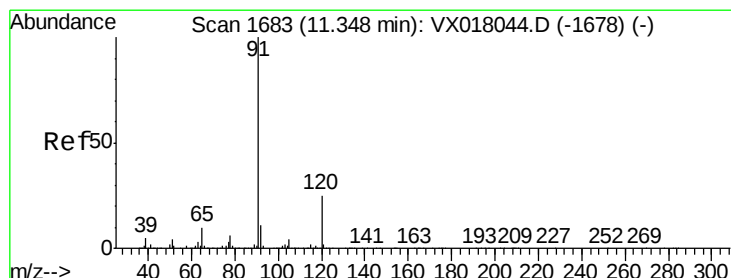
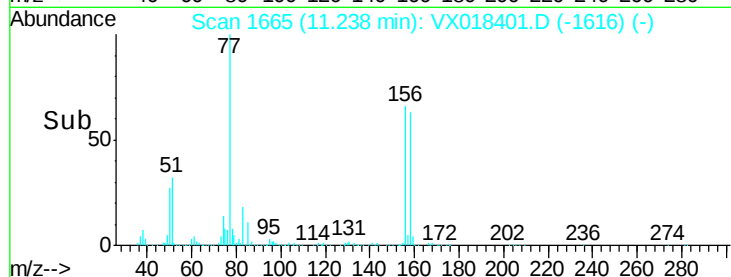
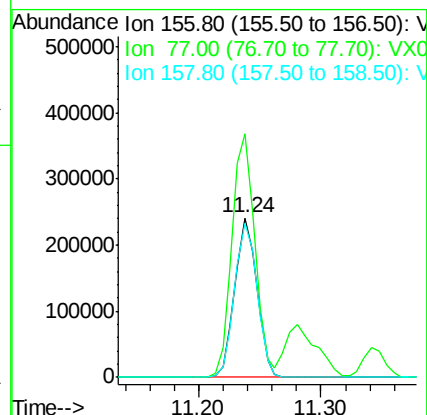
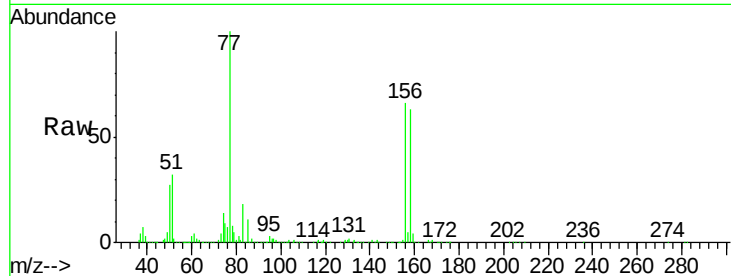
ClientSampleId :

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

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#78

n-propylbenzene

Concen: 52.865 ug/l

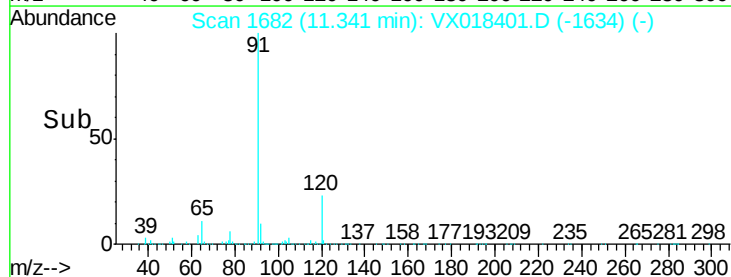
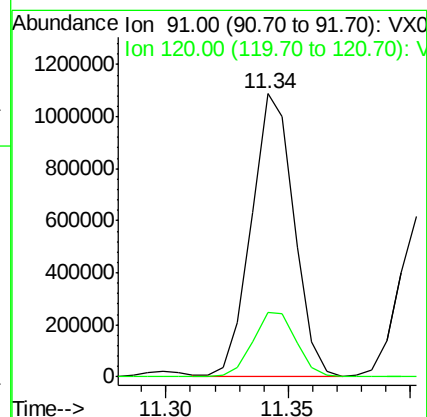
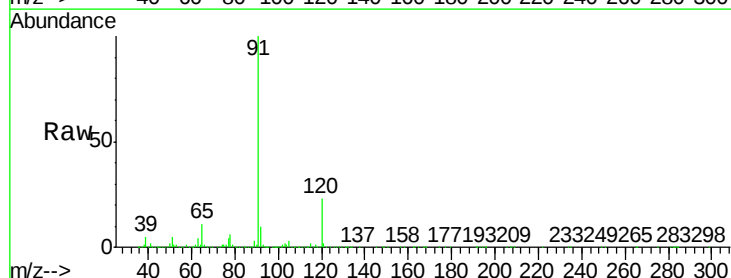
RT: 11.34 min Scan# 1682

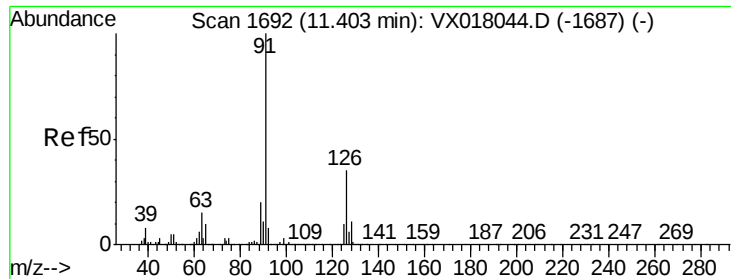
Delta R.T. -0.01 min

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





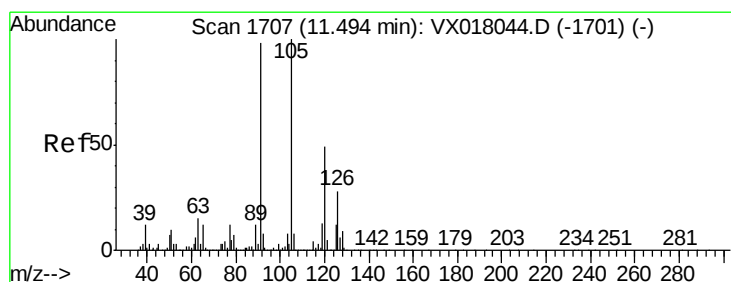
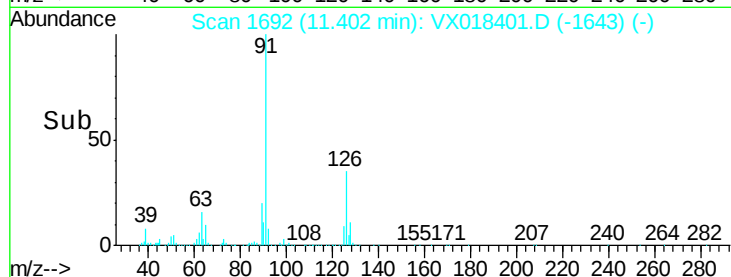
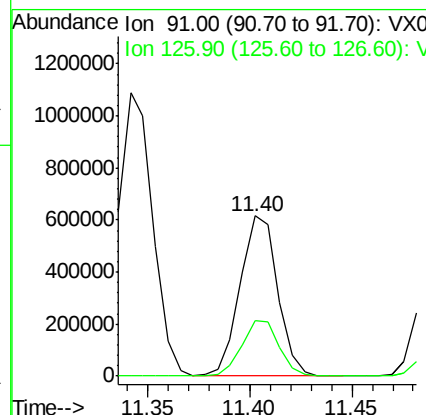
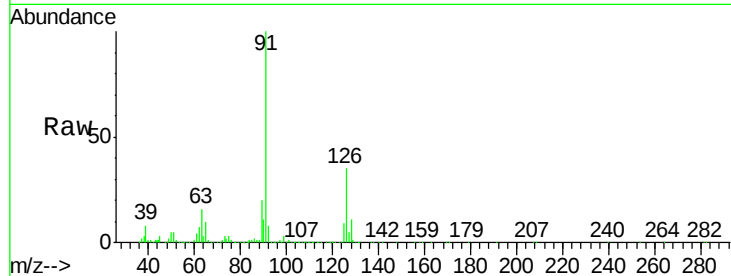
#79
2-Chlorotoluene
Concen: 50.980 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.4	52.2

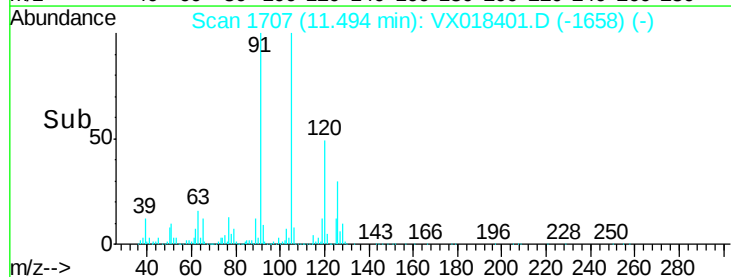
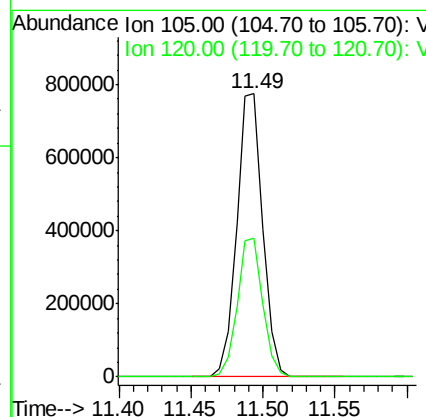
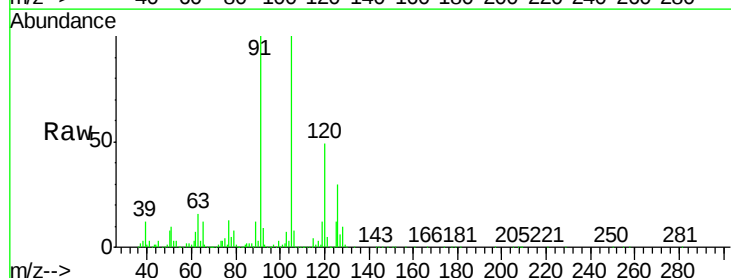
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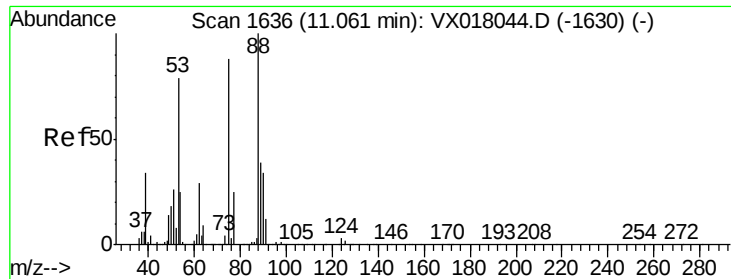
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#80
1,3,5-Trimethylbenzene
Concen: 54.153 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	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

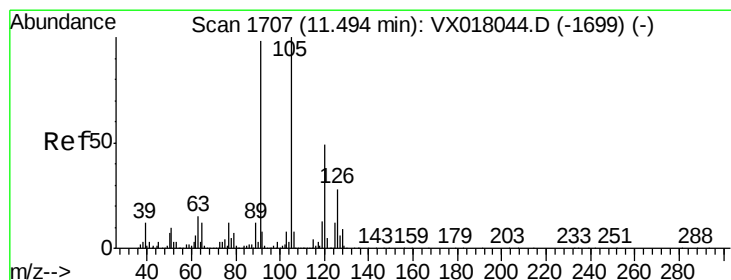
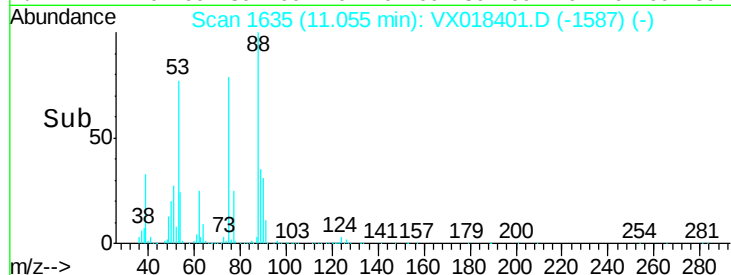
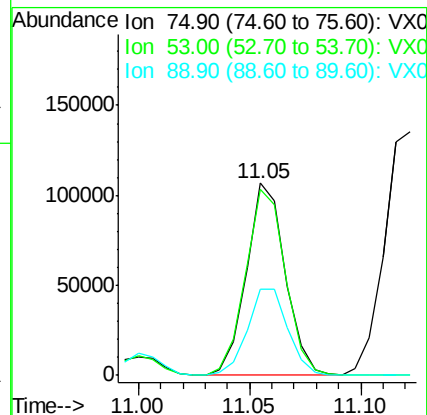
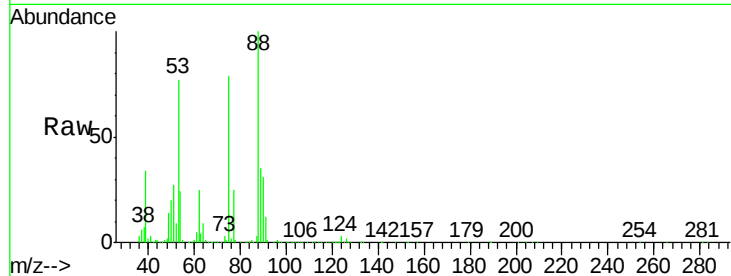
75 100

53 99.4 74.7 112.1

89 47.6 36.6 54.8

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#82

4-Chlorotoluene

Concen: 51.747 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018401.D

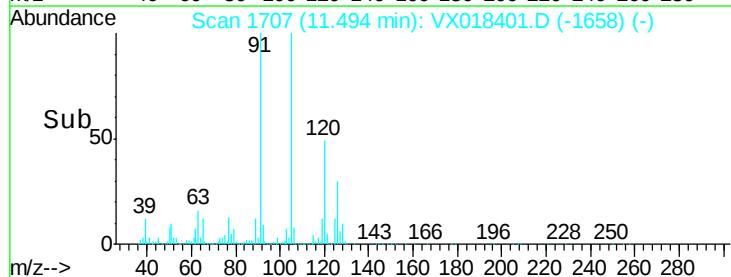
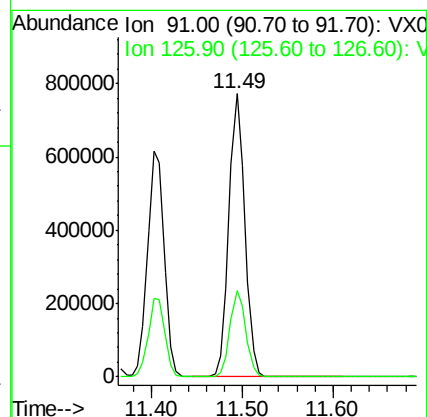
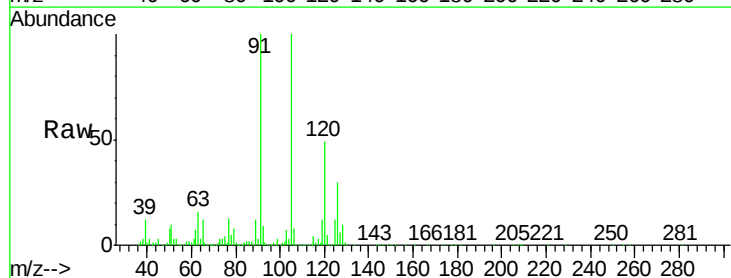
Acq: 15 Sep 2020 12:41

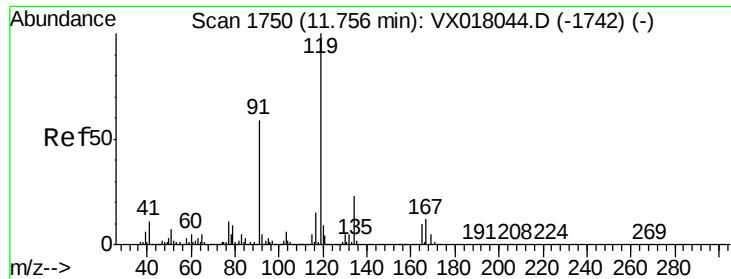
Tgt Ion: 91 Resp: 945644

Ion Ratio Lower Upper

91 100

126 30.2 15.1 45.3





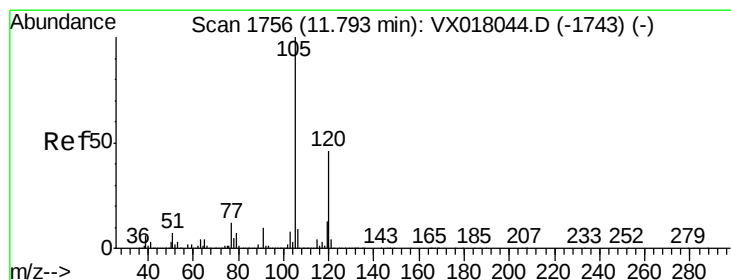
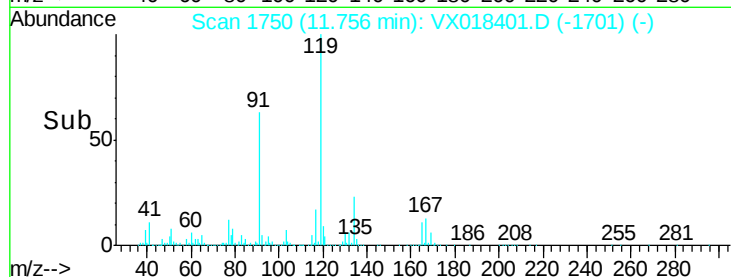
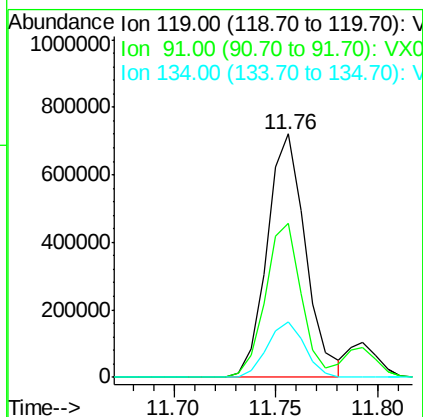
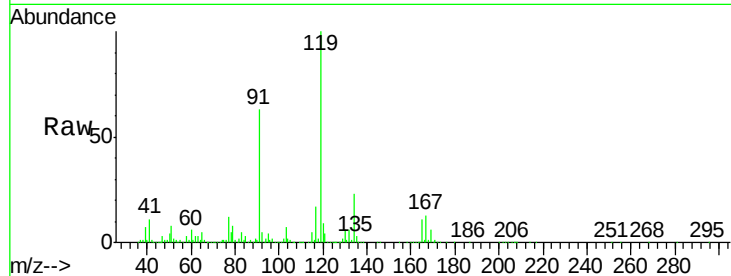
#83
tert-Butylbenzene
Concen: 53.091 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	943453		
91	59.3		28.2	84.7
134	22.5		11.3	33.8

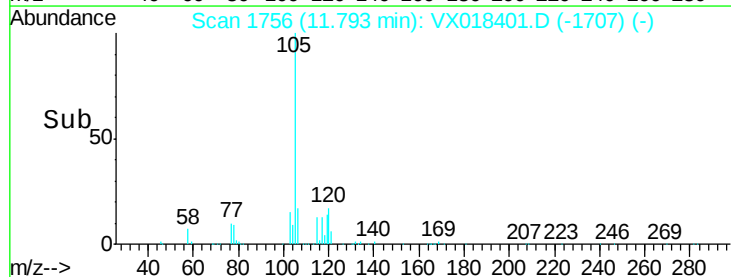
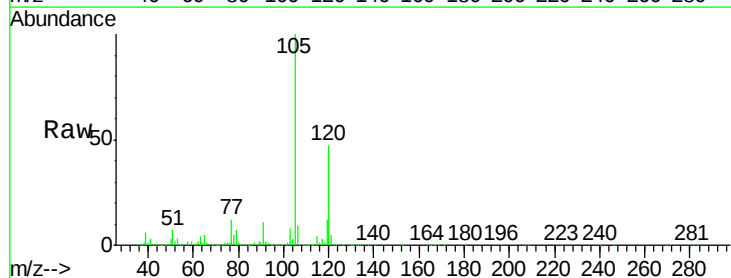
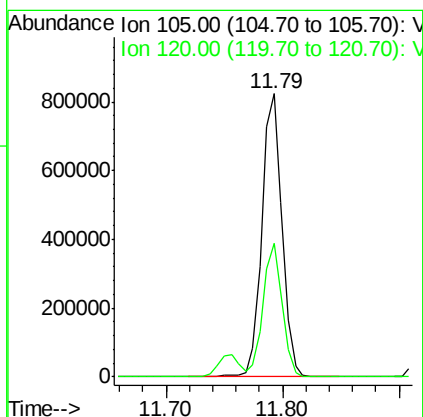
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#84
1,2,4-Trimethylbenzene
Concen: 53.566 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	986165		
120	45.0		22.3	66.9





#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

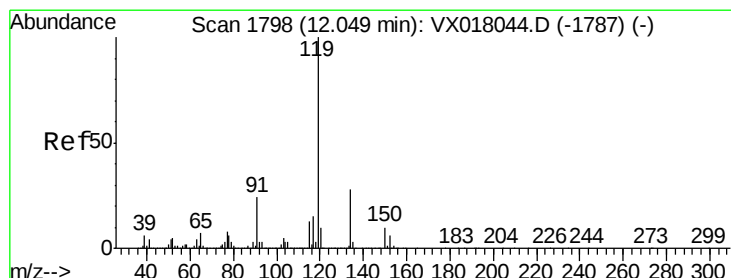
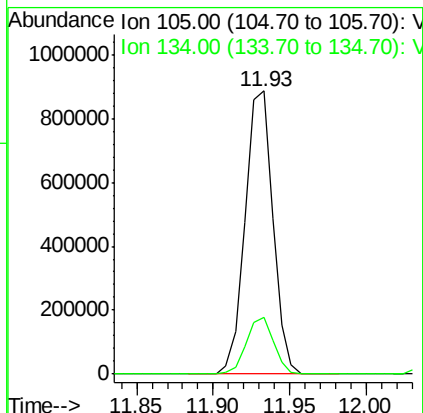
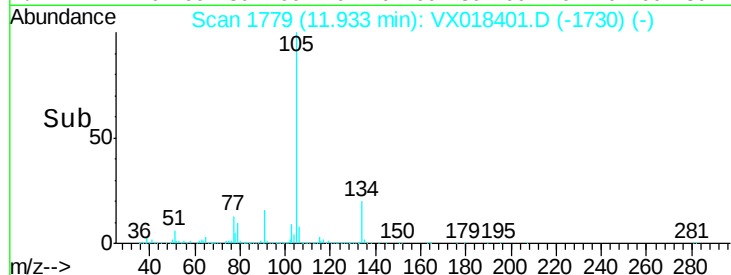
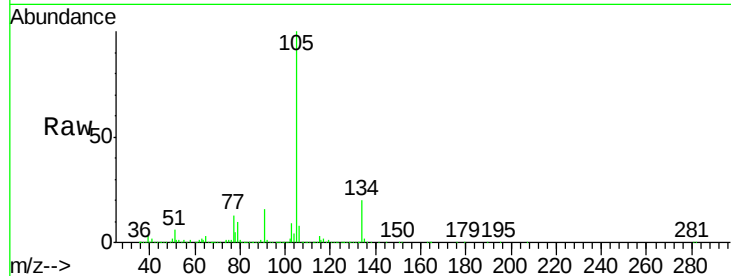
105 100

134 19.8 10.1 30.3

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#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

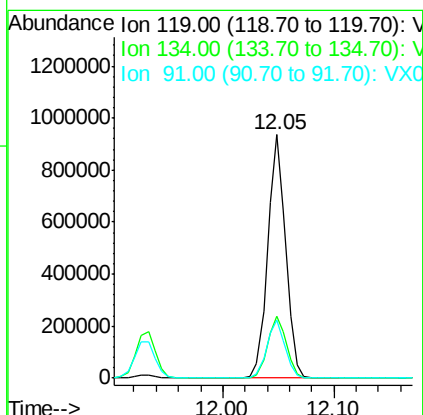
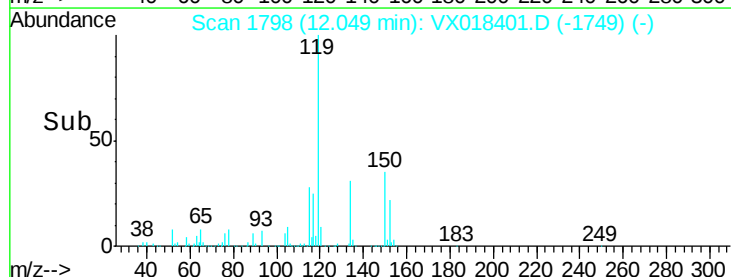
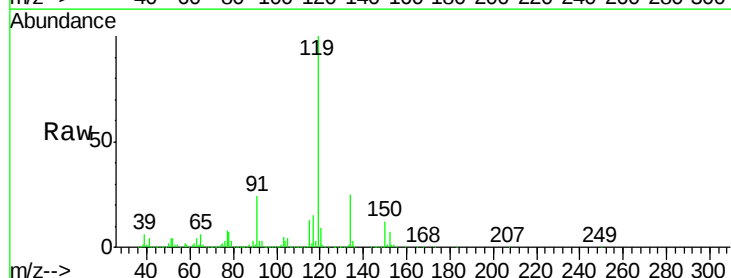
Tgt Ion:119 Resp: 1054545

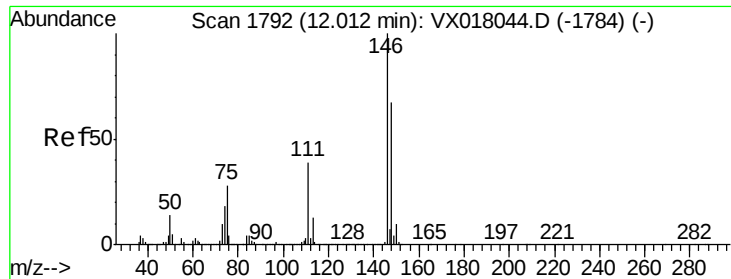
Ion Ratio Lower Upper

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

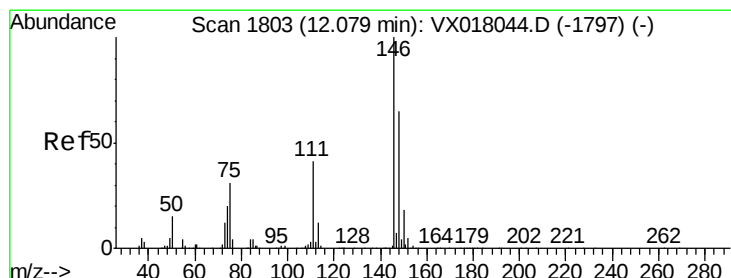
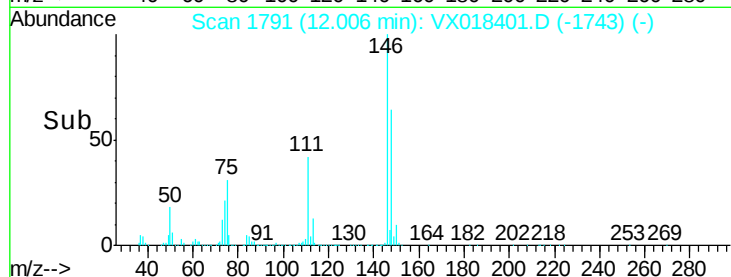
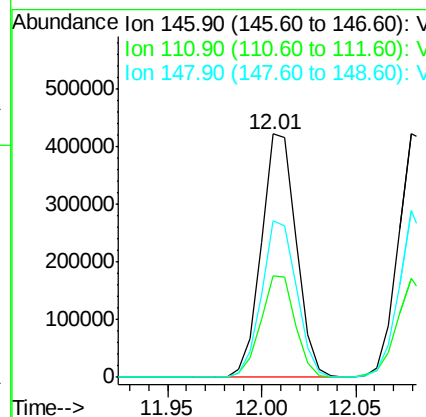
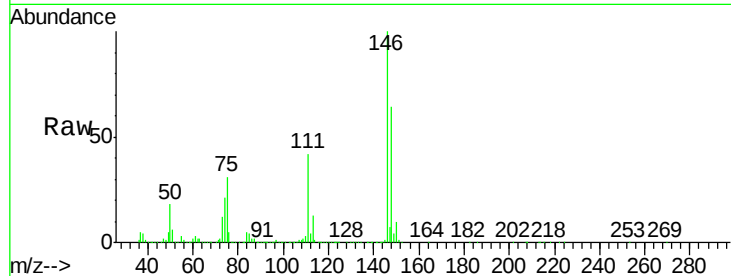
Acq: 15 Sep 2020 12:41

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

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#88

1,4-Dichlorobenzene

Concen: 50.619 ug/l

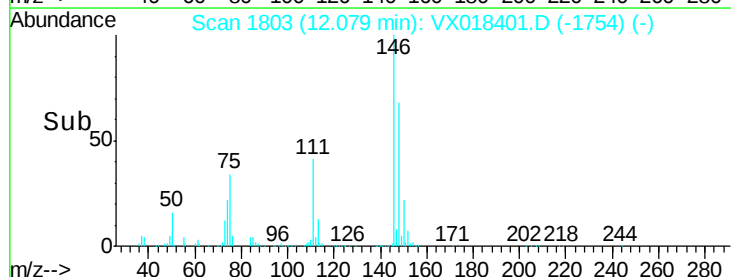
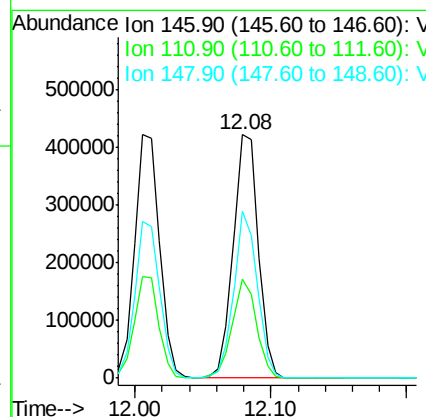
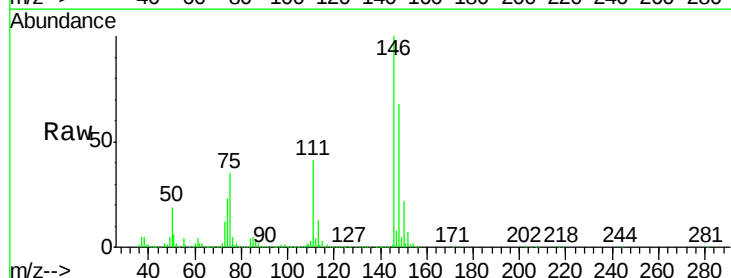
RT: 12.08 min Scan# 1803

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





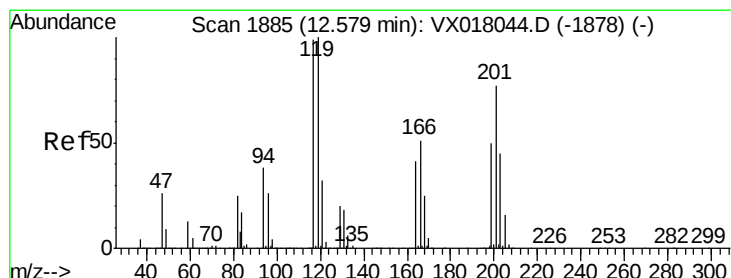
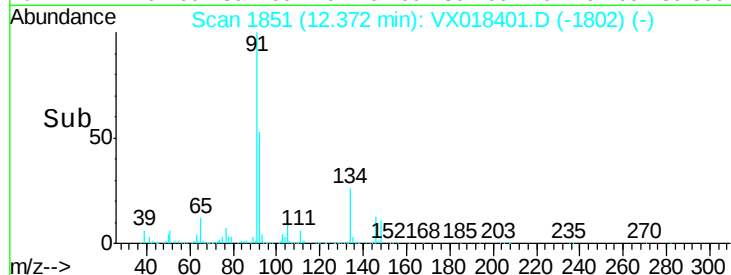
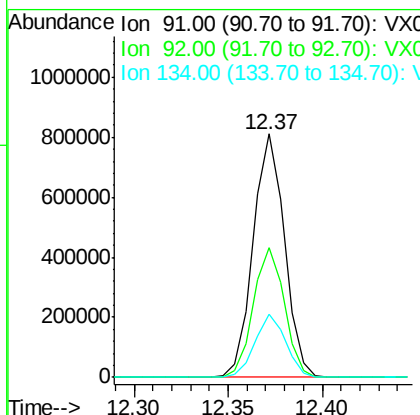
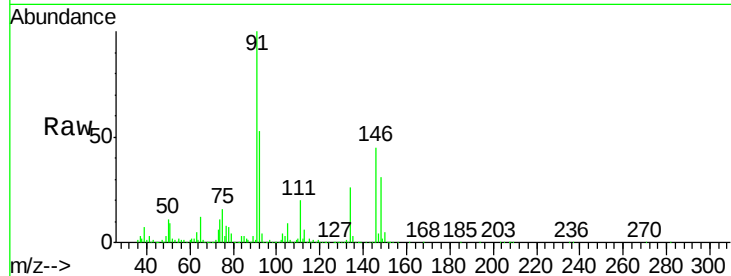
#89
n-Butylbenzene
Concen: 55.140 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	25.7	12.9	38.7

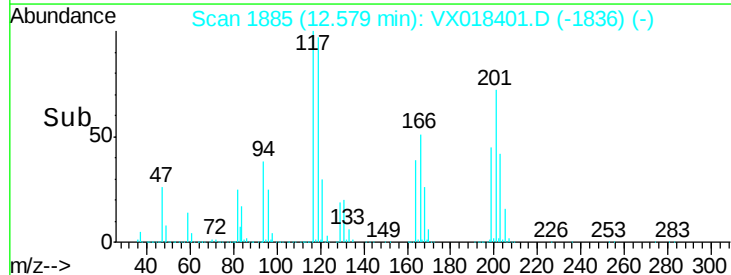
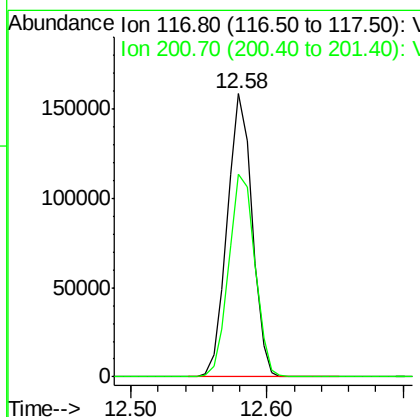
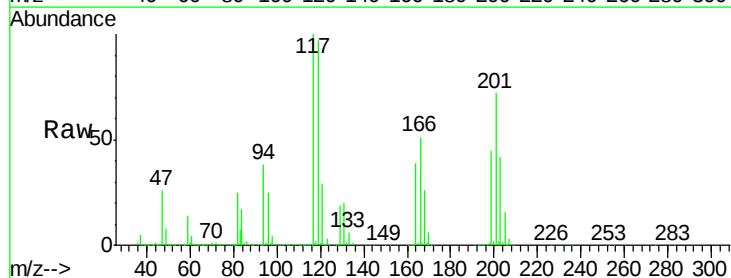
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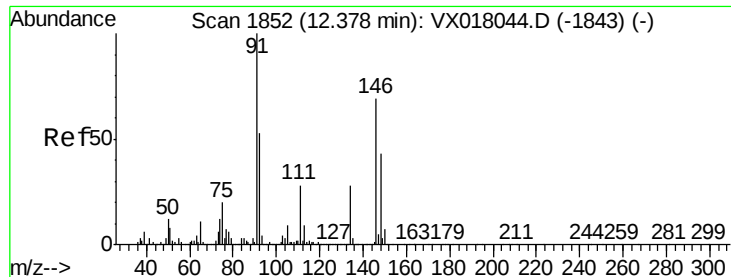
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#90
Hexachloroethane
Concen: 55.354 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Tgt Ion	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

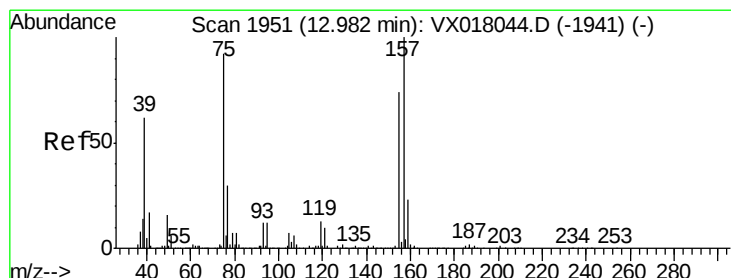
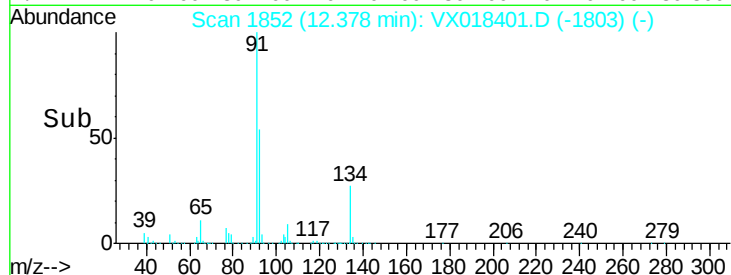
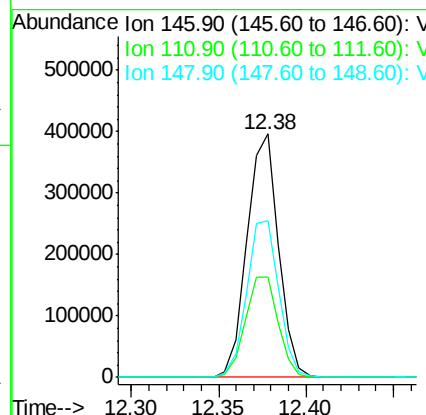
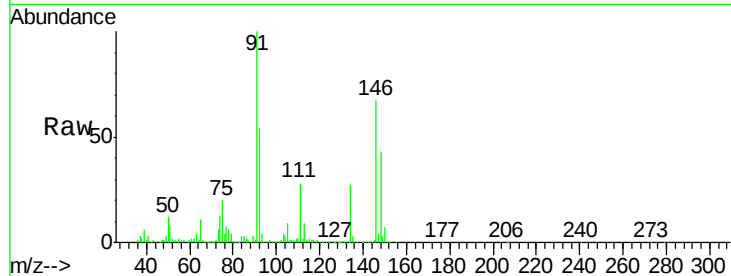
ClientSampleId :

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

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.629 ug/l

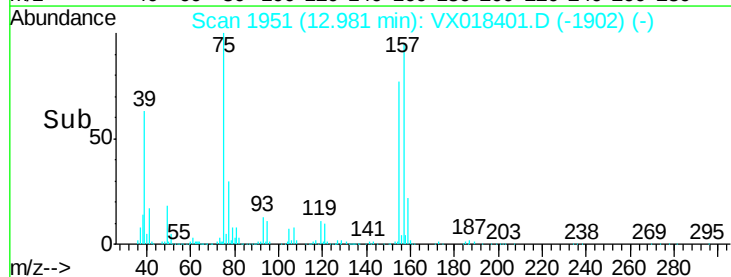
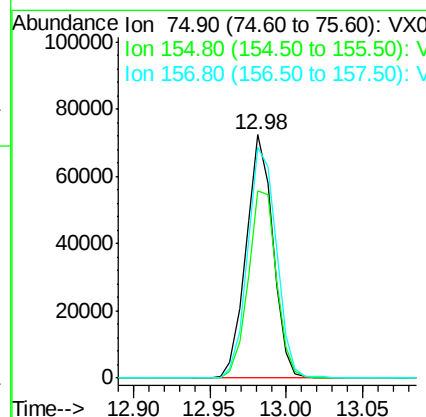
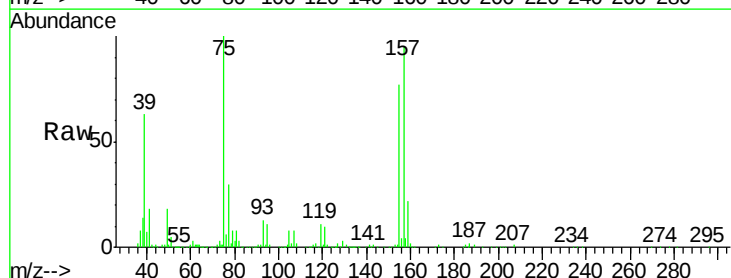
RT: 12.98 min Scan# 1951

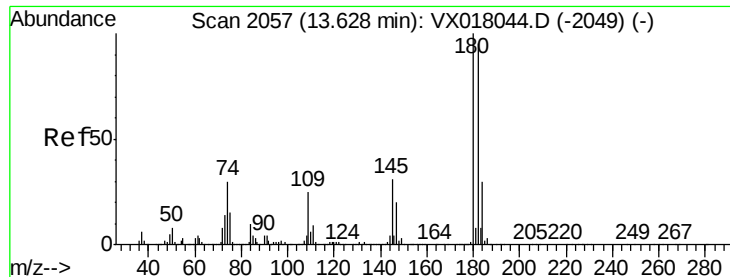
Delta R.T. -0.00 min

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





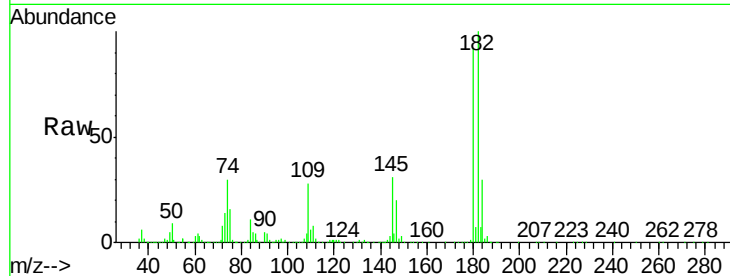
#93
 1,2,4-Trichlorobenzene
 Concen: 52.950 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018401.D
 Acq: 15 Sep 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

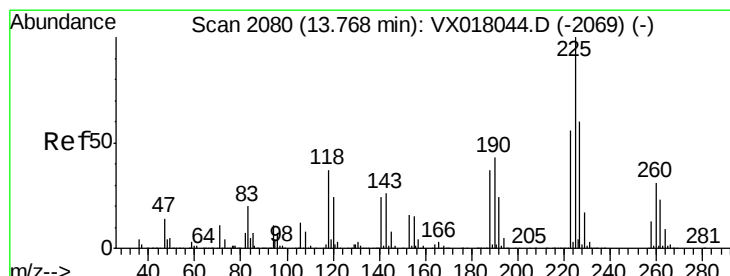
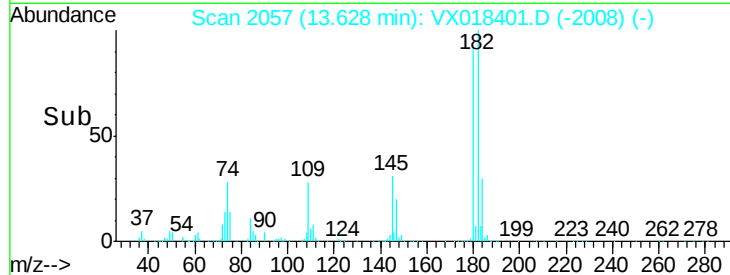
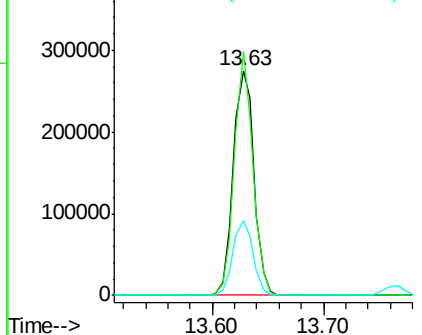
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.6	47.5	142.6	
145	32.2	15.7	47.1	

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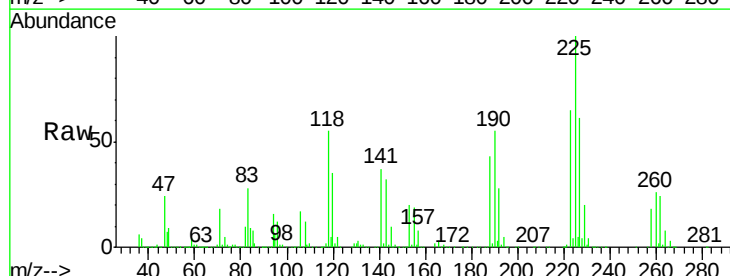


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

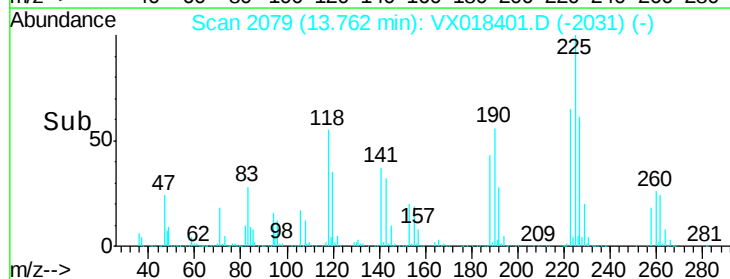
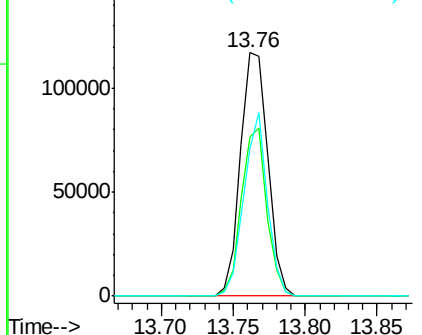


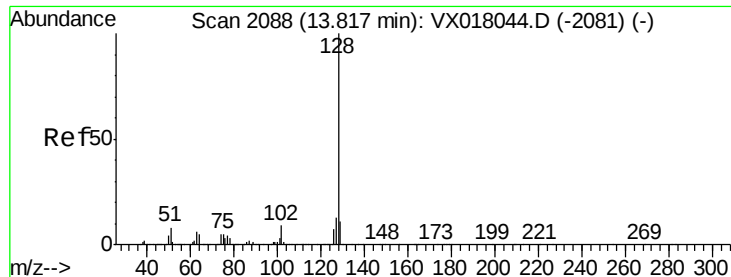
#94
 Hexachlorobutadiene
 Concen: 58.786 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018401.D
 Acq: 15 Sep 2020 12:41

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



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





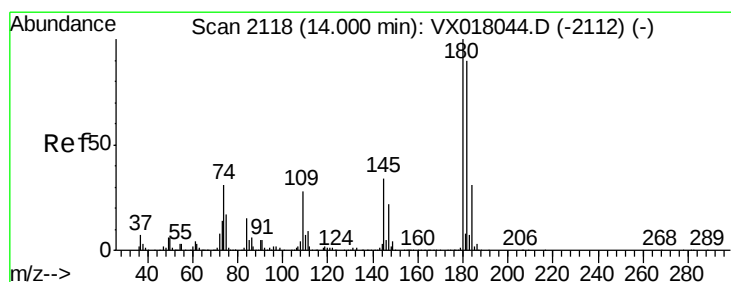
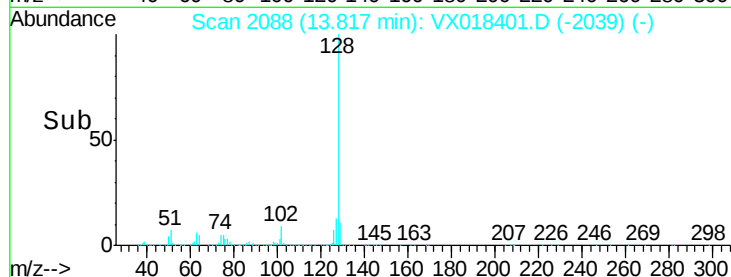
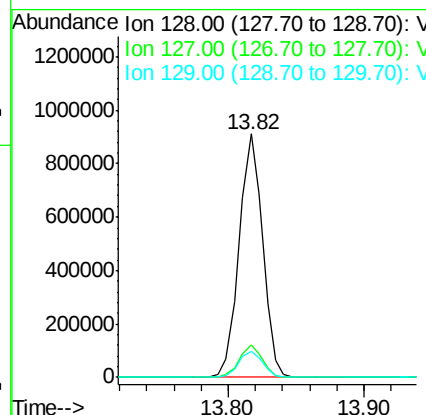
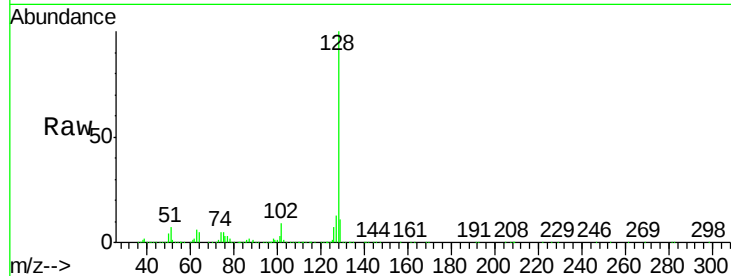
#95
Naphthalene
Concen: 49.760 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018401.D
Acq: 15 Sep 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/16/2020 11:45:05 AM



#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	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	32.6	17.5	52.6

