

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018043.D
 Acq On : 20 Aug 2020 19:45
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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 8/21/2020 11:23:06 AM

Quant Time: Aug 21 02:48:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	572899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	936733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	893854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	448630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	152774	19.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.90%	
35) Dibromofluoromethane	5.47	113	117820	19.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.86%	
50) Toluene-d8	8.70	98	445437	19.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.44%	
62) 4-Bromofluorobenzene	11.12	95	174826	19.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	143939	22.985	ug/l	99
3) Chloromethane	1.31	50	135552	19.122	ug/l	99
4) Vinyl Chloride	1.39	62	143981	19.157	ug/l	98
5) Bromomethane	1.63	94	74910	19.836	ug/l	91
6) Chloroethane	1.72	64	79317	17.751	ug/l	100
7) Trichlorofluoromethane	1.92	101	194774	19.667	ug/l	98
8) Diethyl Ether	2.17	74	64710	16.008	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	104843	18.594	ug/l	98
10) Methyl Iodide	2.49	142	82045	11.498	ug/l	99
11) Tert butyl alcohol	3.02	59	145917	79.725	ug/l	98
12) 1,1-Dichloroethene	2.36	96	108383	18.395	ug/l	96
13) Acrolein	2.28	56	56796	52.307	ug/l	99
14) Allyl chloride	2.71	41	199115	18.393	ug/l	98
15) Acrylonitrile	3.12	53	336670	86.707	ug/l	98
16) Acetone	2.42	43	294266	89.145	ug/l	97
17) Carbon Disulfide	2.55	76	312719	15.668	ug/l	100
18) Methyl Acetate	2.75	43	145354	17.822	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	375298	18.465	ug/l	97
20) Methylene Chloride	2.84	84	124649	18.018	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	117499	17.835	ug/l	96
22) Diisopropyl ether	3.83	45	389286	18.941	ug/l	98
23) Vinyl Acetate	3.79	43	1755394	96.940	ug/l	100
24) 1,1-Dichloroethane	3.67	63	218959	19.014	ug/l	98
25) 2-Butanone	4.64	43	490289	91.713	ug/l	100
26) 2,2-Dichloropropane	4.56	77	179323	17.373	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	133157	18.459	ug/l	99
28) Bromochloromethane	4.98	49	97905	18.489	ug/l	98
29) Tetrahydrofuran	5.09	42	316924	89.566	ug/l	99
30) Chloroform	5.18	83	227323	19.749	ug/l	98
31) Cyclohexane	5.55	56	183127	17.829	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	207799	19.836	ug/l	100
36) 1,1-Dichloropropene	5.77	75	161049	17.521	ug/l	98
37) Ethyl Acetate	4.80	43	194269	18.408	ug/l	100
38) Carbon Tetrachloride	5.76	117	188483	19.900	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	177217	16.279	ug/l	95
40) Benzene	6.12	78	489491	18.283	ug/l	98
41) Methacrylonitrile	5.01	41	101594	17.801	ug/l	97
42) 1,2-Dichloroethane	6.17	62	186712	19.163	ug/l	99
43) Isopropyl Acetate	6.42	43	310012	18.290	ug/l	100
44) Trichloroethene	7.19	130	137496	14.856	ug/l	94
45) 1,2-Dichloropropane	7.49	63	132439	19.352	ug/l	98
46) Dibromomethane	7.64	93	92917	19.894	ug/l	98
47) Bromodichloromethane	7.88	83	179809	18.950	ug/l	93
48) Methyl methacrylate	7.75	41	150495	18.615	ug/l	99
49) 1,4-Dioxane	7.71	88	54831	292.264	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	975906	94.069	ug/l	100
52) Toluene	8.77	92	309042	18.476	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	203745	18.158	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	215770	18.418	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	128993	19.383	ug/l	98
56) Ethyl methacrylate	9.16	69	192164	17.943	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218360	18.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	414754	74.683	ug/l	99
59) 2-Hexanone	9.48	43	747632	91.882	ug/l	100
60) Dibromochloromethane	9.57	129	150913	20.386	ug/l	99
61) 1,2-Dibromoethane	9.65	107	142042	19.732	ug/l	99
64) Tetrachloroethene	9.32	164	123437	12.000	ug/l	93
65) Chlorobenzene	10.12	112	350874	18.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	134835	19.391	ug/l	97
67) Ethyl Benzene	10.24	91	590540	17.865	ug/l	100
68) m/p-Xylenes	10.34	106	452049	36.489	ug/l	100
69) o-Xylene	10.68	106	214481	18.044	ug/l	99
70) Styrene	10.70	104	372780	18.428	ug/l	99
71) Bromoform	10.84	173	114304	20.087	ug/l #	99
73) Isopropylbenzene	11.00	105	573274	17.734	ug/l	99
74) N-amyl acetate	10.88	43	268342	17.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	197472	30.948	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	187388m	18.532	ug/l	
77) Bromobenzene	11.24	156	158004	18.799	ug/l	97
78) n-propylbenzene	11.34	91	658133	17.542	ug/l	98
79) 2-Chlorotoluene	11.40	91	407637	18.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	482212	17.660	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	67485	16.262	ug/l	96
82) 4-Chlorotoluene	11.49	91	475065	18.042	ug/l	98
83) tert-Butylbenzene	11.76	119	466067	19.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	501107	18.135	ug/l	99
85) sec-Butylbenzene	11.93	105	529195	16.765	ug/l	98
86) p-Isopropyltoluene	12.05	119	499223	17.037	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277480	18.457	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	274978	18.042	ug/l	98
89) n-Butylbenzene	12.37	91	438940	16.430	ug/l	98
90) Hexachloroethane	12.58	117	93627	18.354	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	258972	17.843	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47795	17.904	ug/l	97

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ClientSampleId :
VSTDICC020

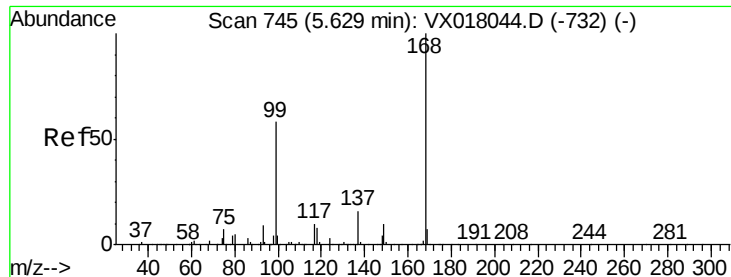
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	166038	15.659	ug/l	99
94) Hexachlorobutadiene	13.77	225	68964	14.388	ug/l	96
95) Naphthalene	13.82	128	573040	16.685	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	165083	16.029	ug/l	96

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



#1

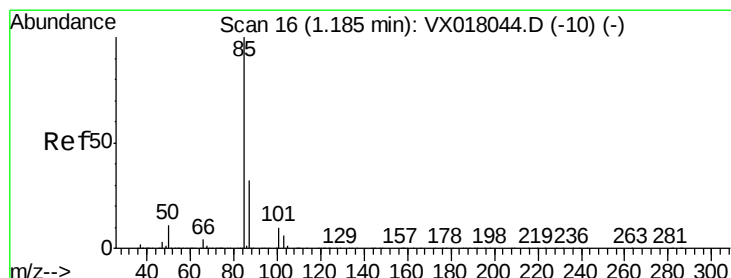
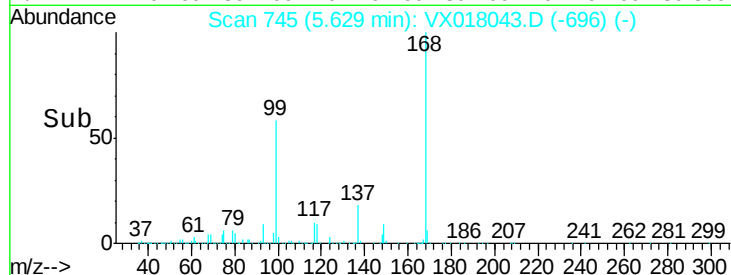
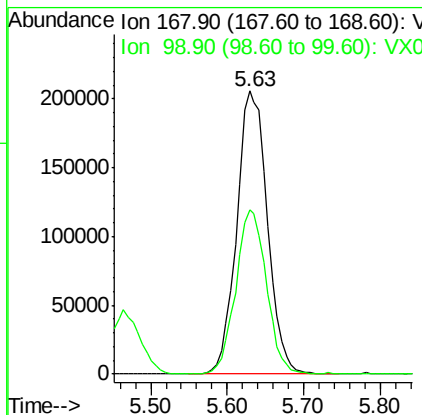
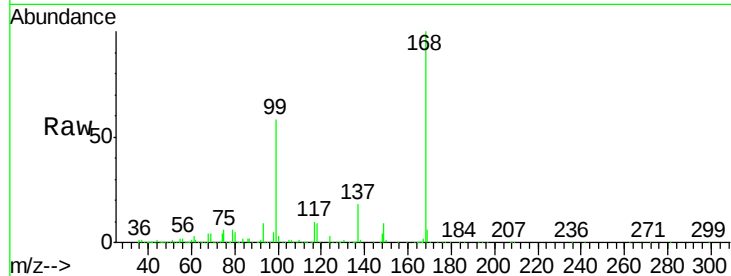
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.9	46.3	69.5

Manual Integrations
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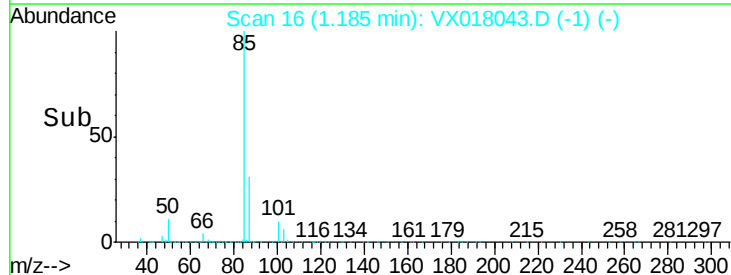
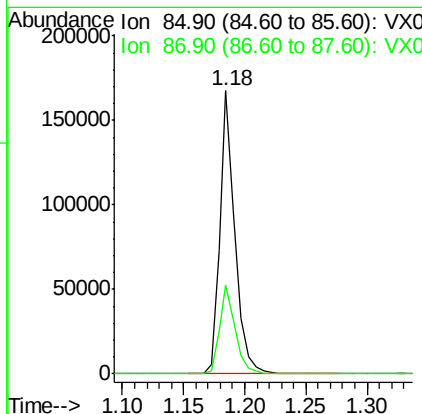
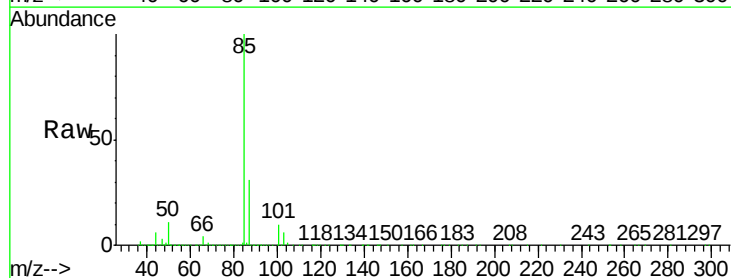
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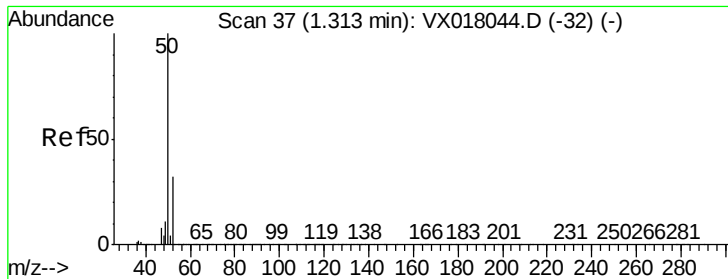


#2

Dichlorodifluoromethane
 Concen: 22.985 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.1	48.2





#3

Chloromethane

Concen: 19.122 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 135552

Ion Ratio Lower Upper

50 100

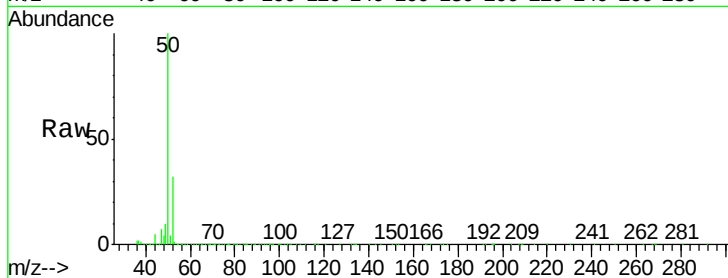
52 31.4 25.4 38.2

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

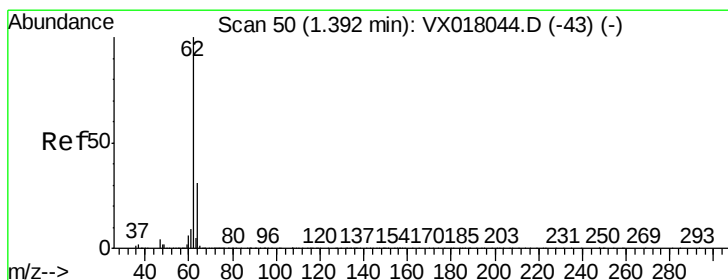
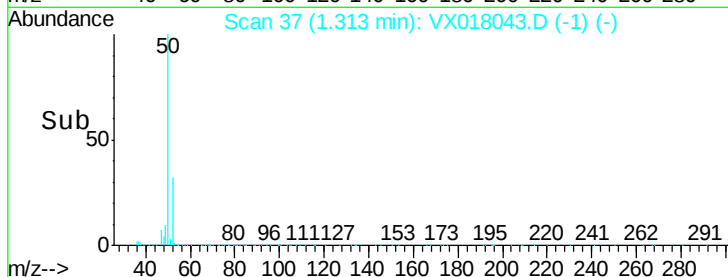
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 19.157 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018043.D

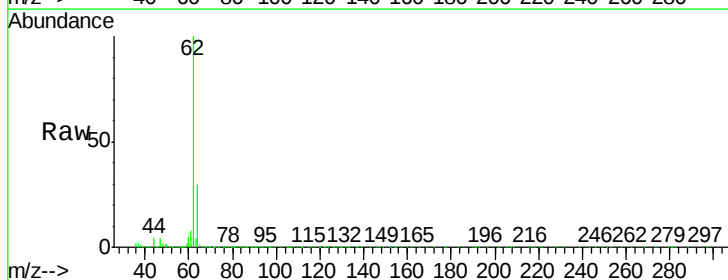
Acq: 20 Aug 2020 19:45

Tgt Ion: 62 Resp: 143981

Ion Ratio Lower Upper

62 100

64 30.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

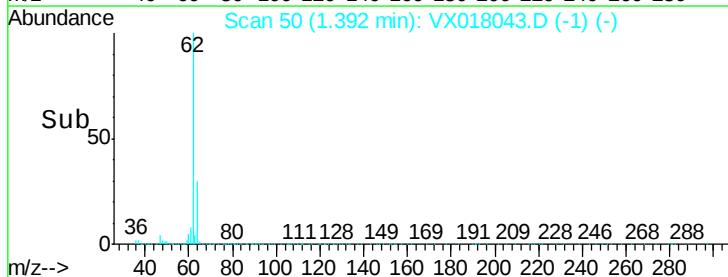
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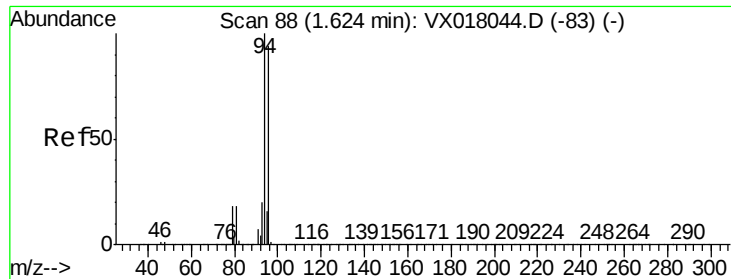
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50000

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Time-->





#5

Bromomethane

Concen: 19.836 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 74910

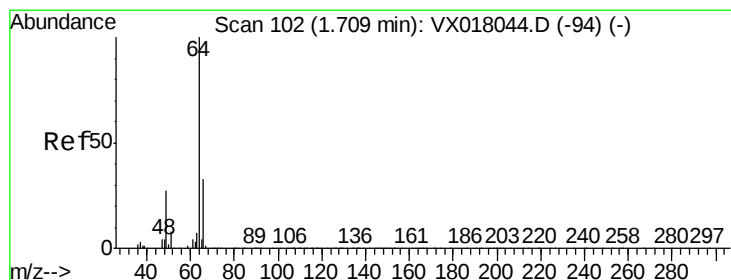
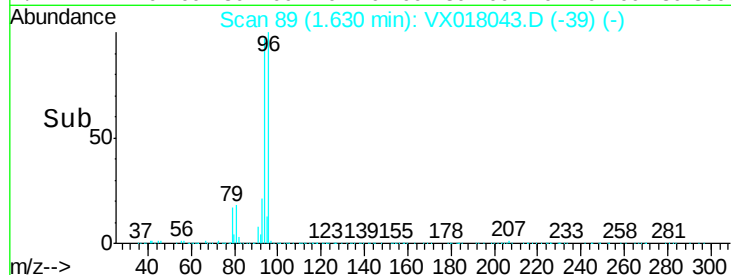
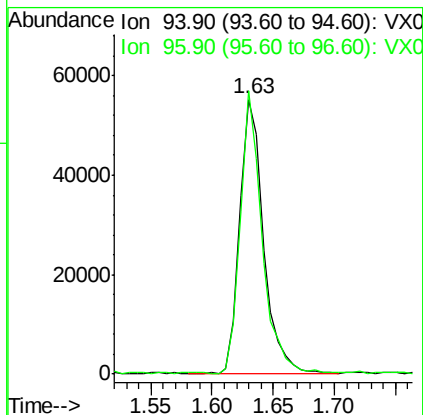
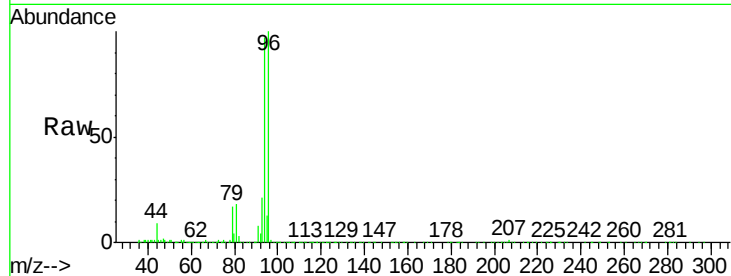
Ion Ratio Lower Upper

94 100

96 102.3 74.8 112.2

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8/21/2020 11:23:06 AM



#6

Chloroethane

Concen: 17.751 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018043.D

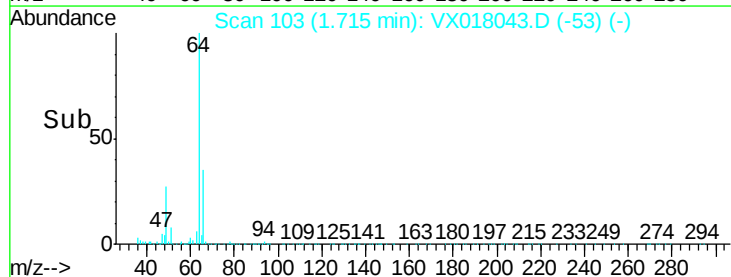
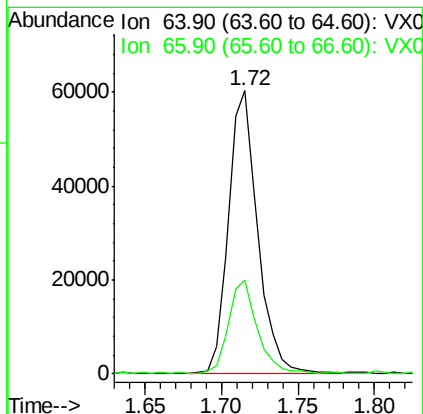
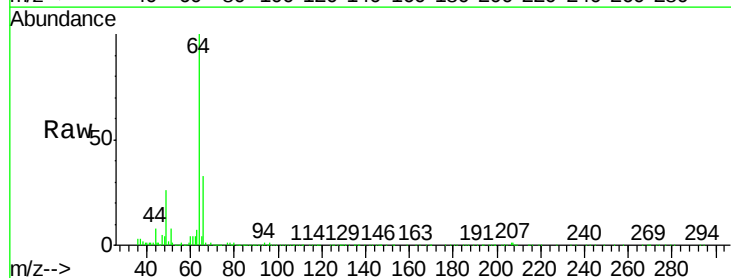
Acq: 20 Aug 2020 19:45

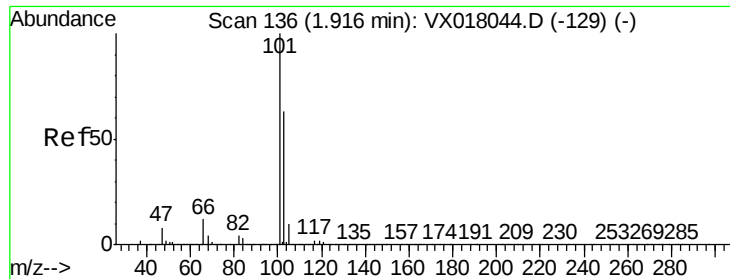
Tgt Ion: 64 Resp: 79317

Ion Ratio Lower Upper

64 100

66 33.1 26.6 39.8





#7

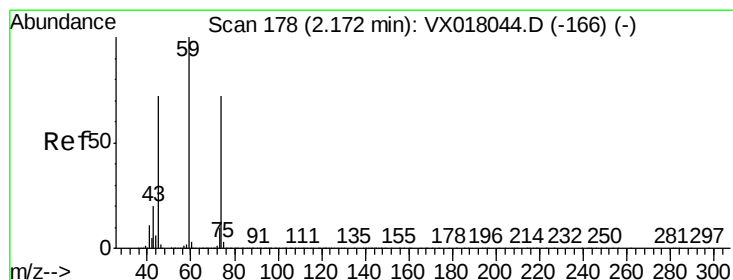
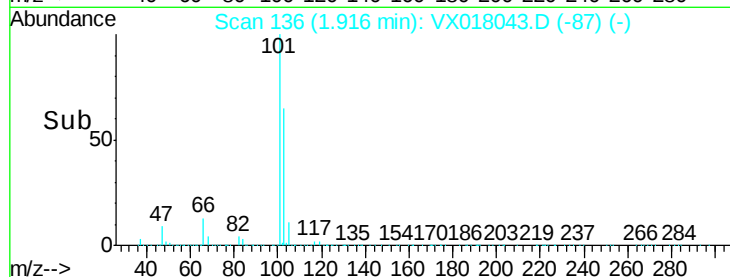
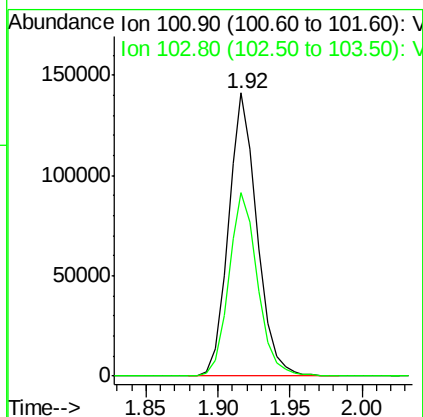
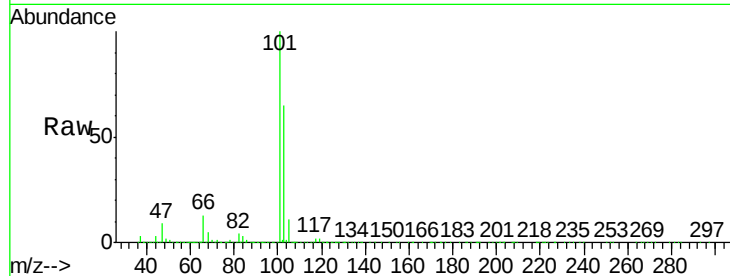
Trichlorofluoromethane
Concen: 19.667 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.7	76.1

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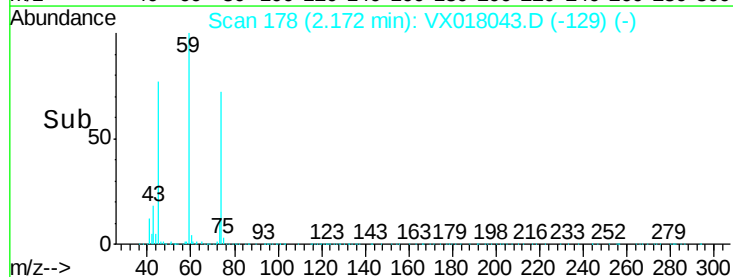
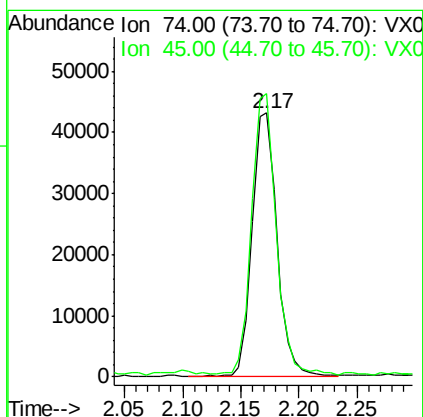
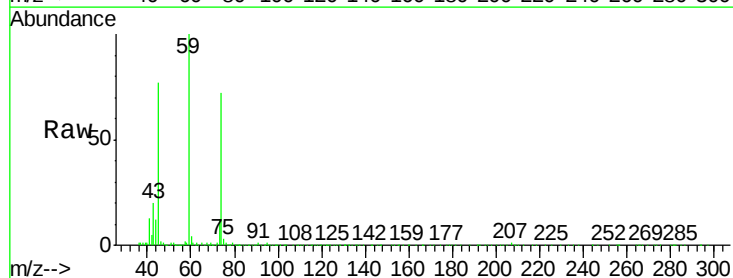
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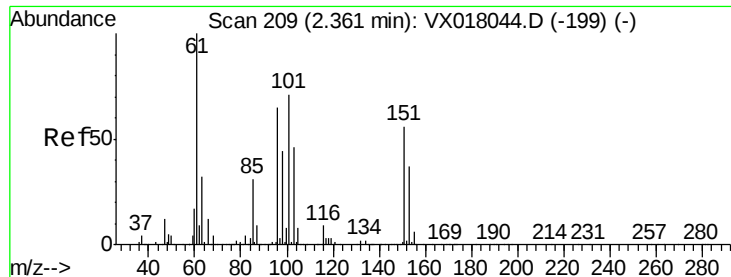


#8

Diethyl Ether
Concen: 16.008 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.594 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

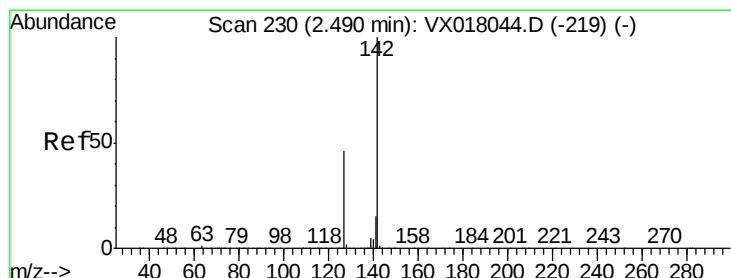
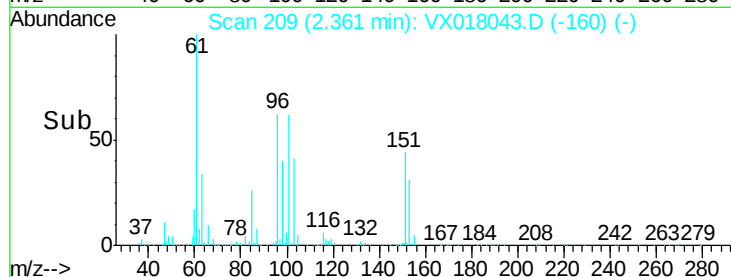
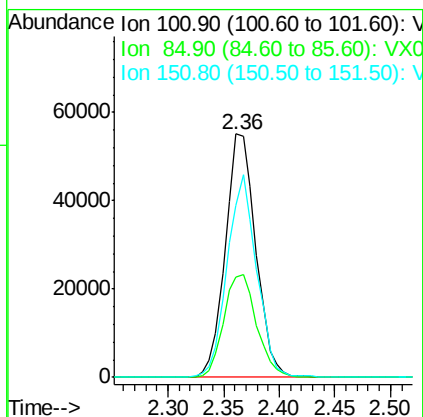
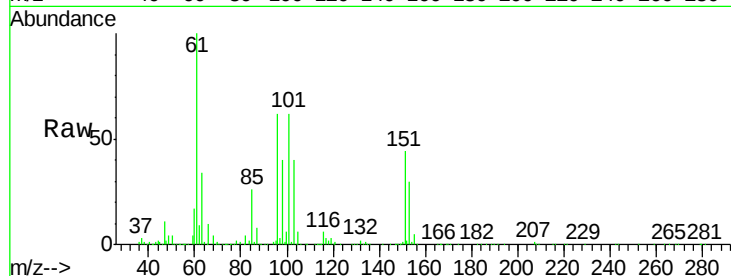
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	104843
Ion Ratio	Lower	Upper	
101	100		
85	45.6	34.0	51.0
151	80.6	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 11.498 ug/l

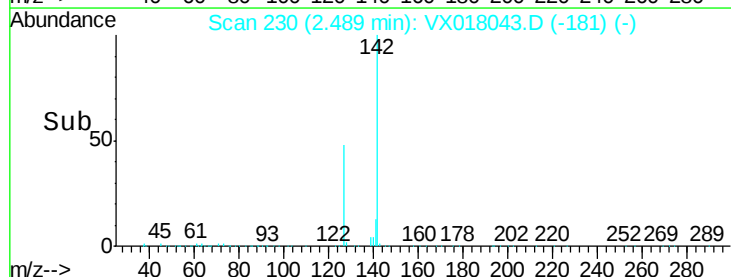
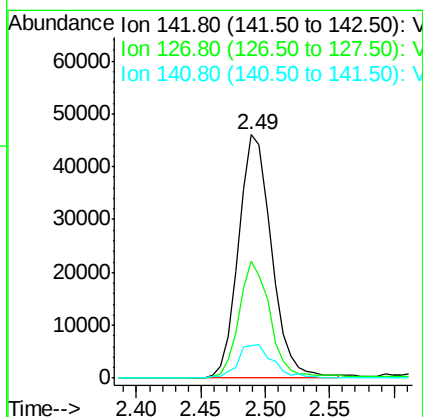
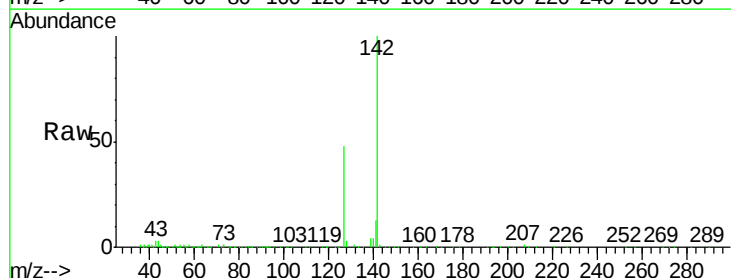
RT: 2.49 min Scan# 230

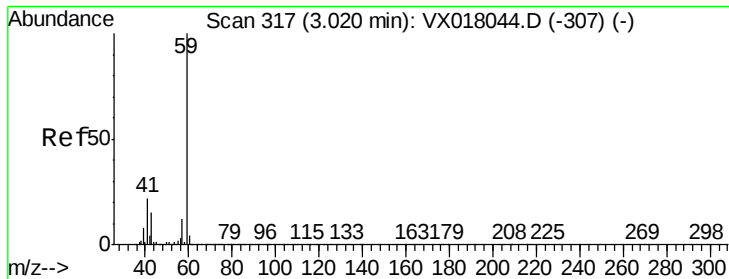
Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	142	Resp:	82045
Ion Ratio	Lower	Upper	
142	100		
127	45.6	37.0	55.6
141	14.9	11.5	17.3





#11

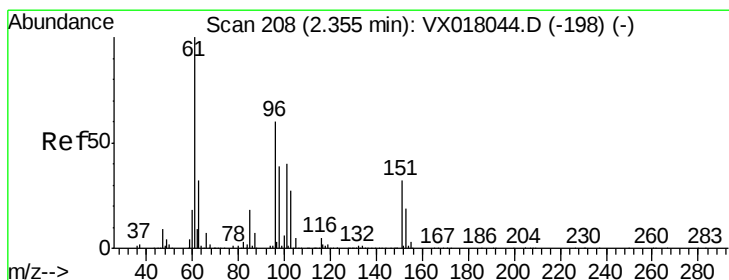
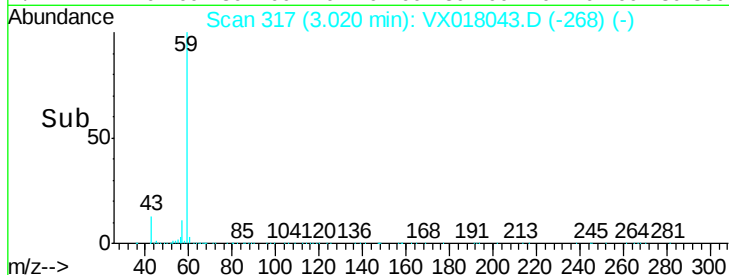
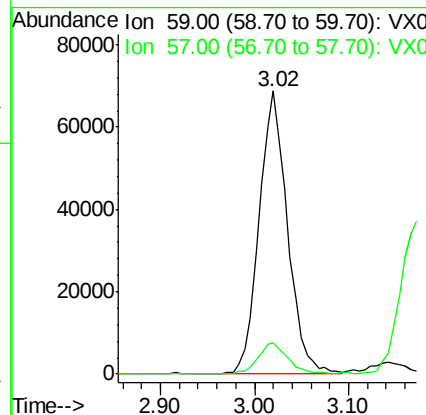
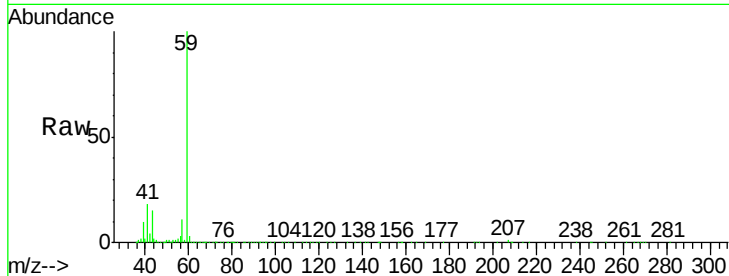
Tert butyl alcohol
Concen: 79.725 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.9	13.3

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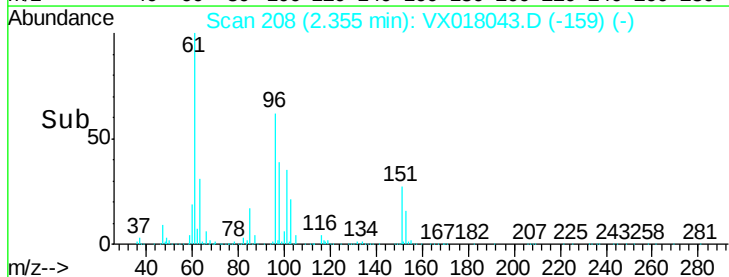
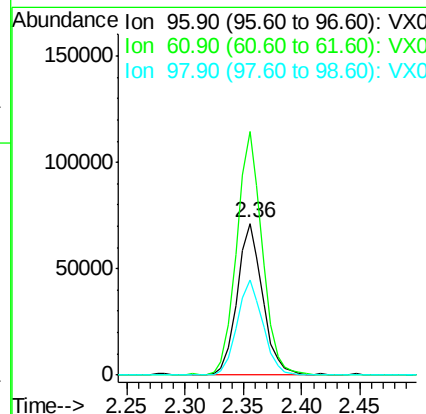
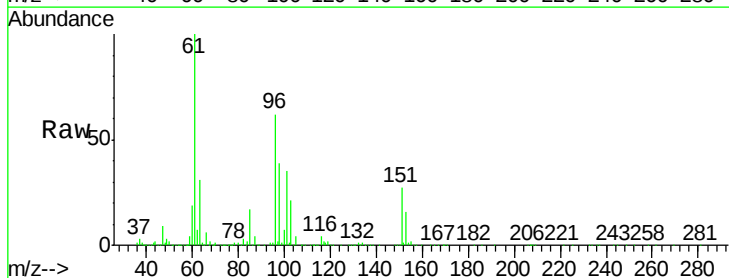
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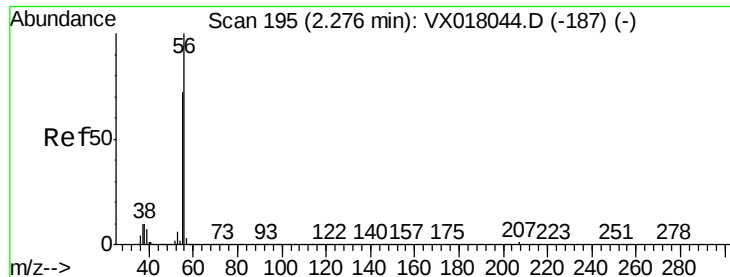


#12

1,1-Dichloroethene
Concen: 18.395 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	133.0	199.4
98	63.1	51.6	77.4





#13

Acrolein

Concen: 52.307 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 56796

Ion Ratio Lower Upper

56 100

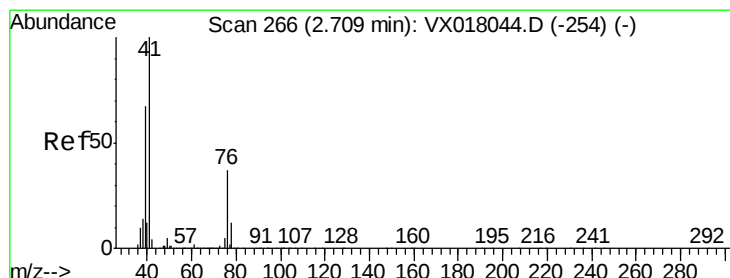
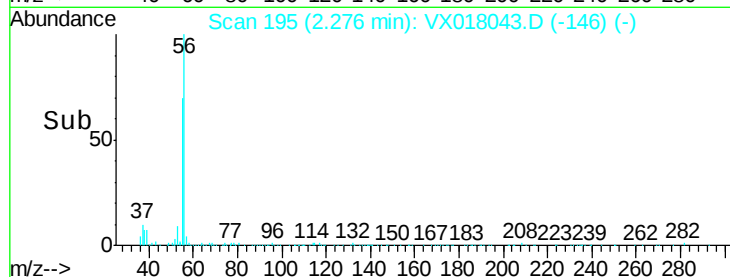
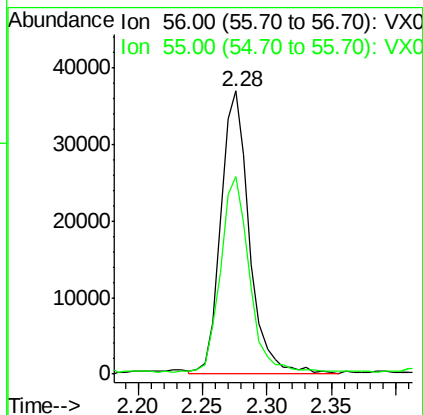
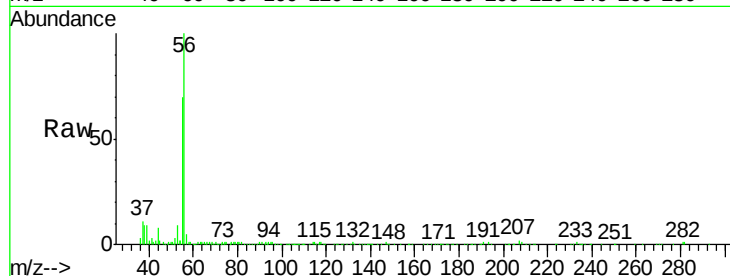
55 70.2 57.0 85.6

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#14

Allyl chloride

Concen: 18.393 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

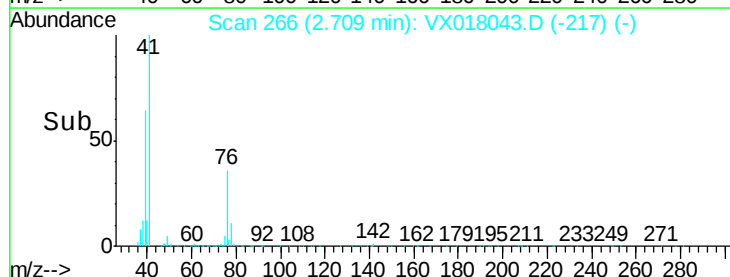
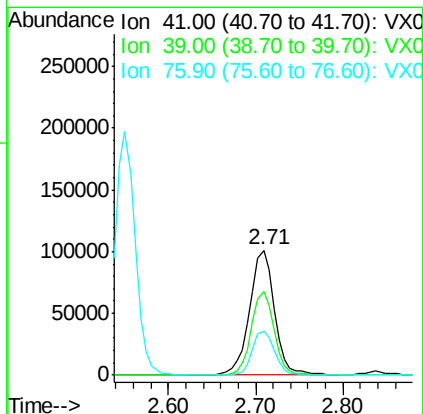
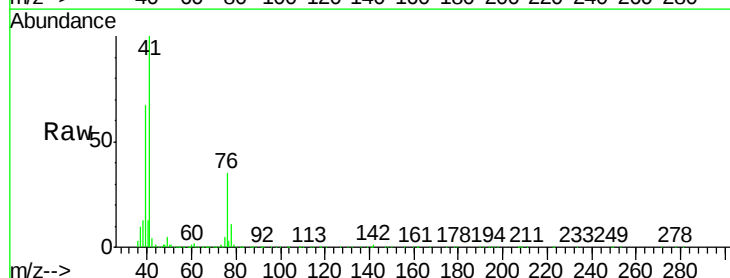
Tgt Ion: 41 Resp: 199115

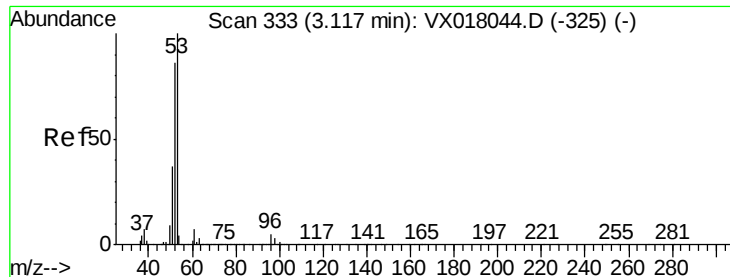
Ion Ratio Lower Upper

41 100

39 61.3 50.6 76.0

76 31.5 26.2 39.2





#15

Acrylonitrile

Concen: 86.707 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

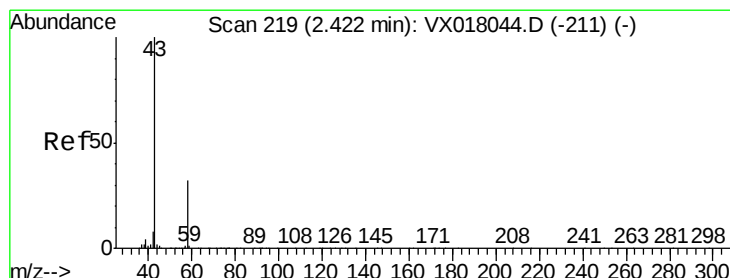
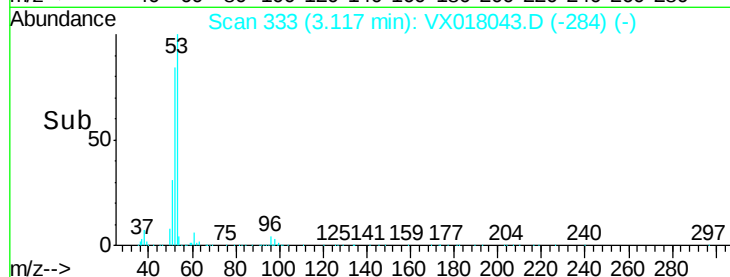
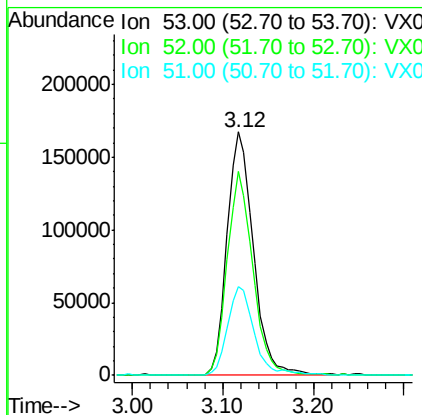
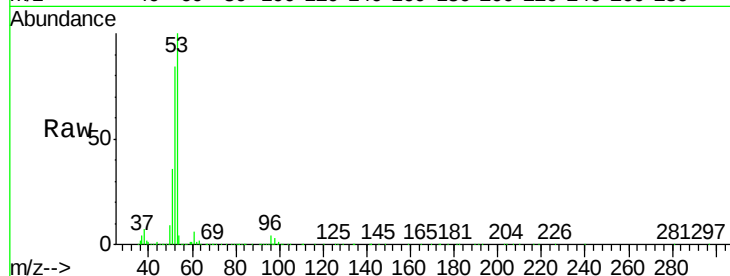
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	336670
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.9	100.3
51	36.7	28.7	43.1

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#16

Acetone

Concen: 89.145 ug/l

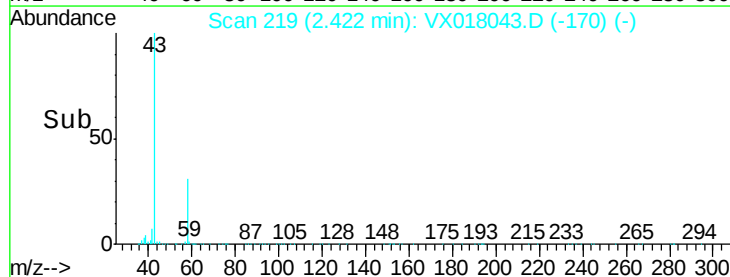
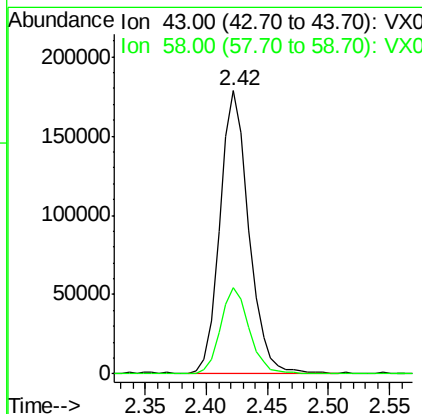
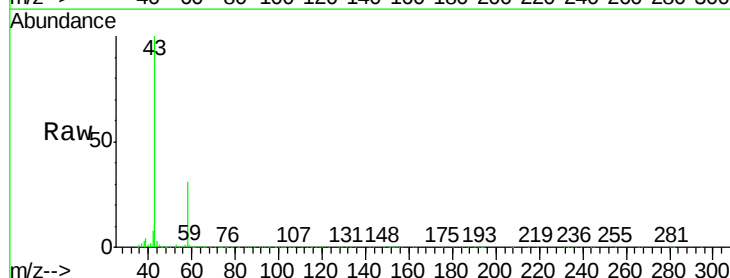
RT: 2.42 min Scan# 219

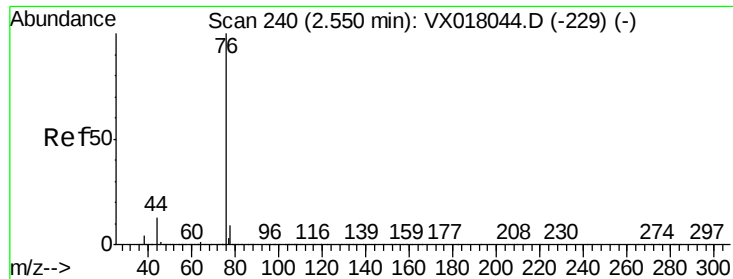
Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	43	Resp:	294266
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.5	38.3





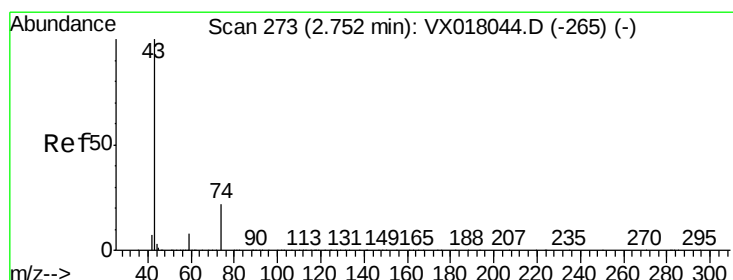
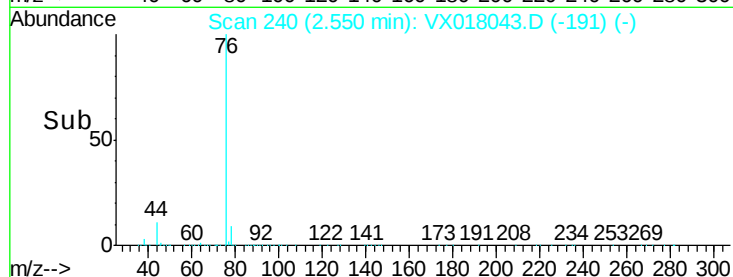
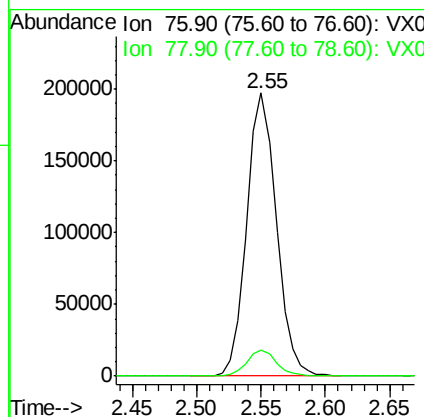
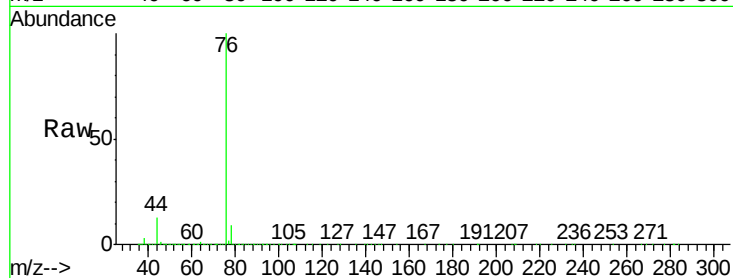
#17
Carbon Disulfide
Concen: 15.668 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

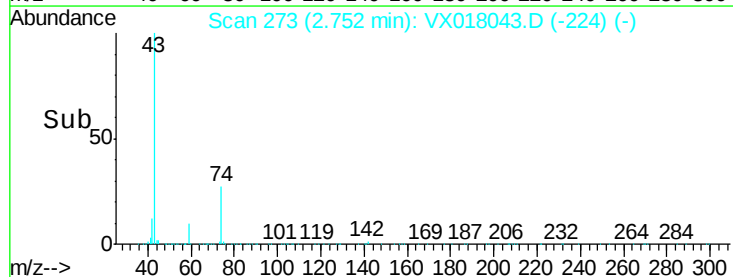
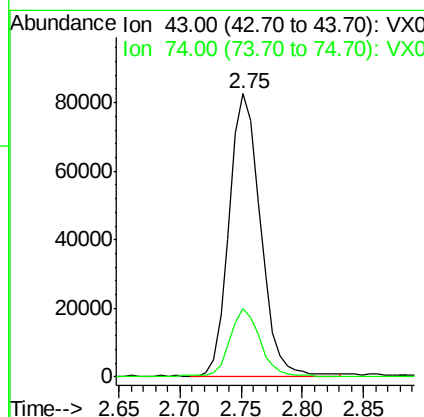
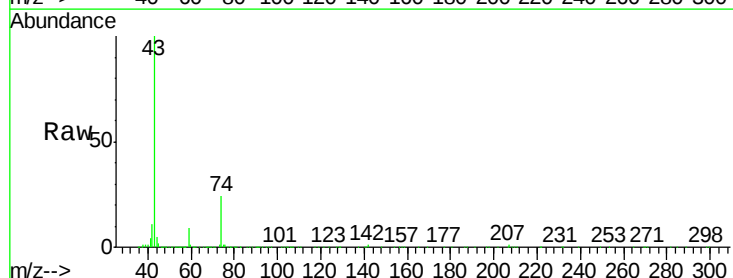
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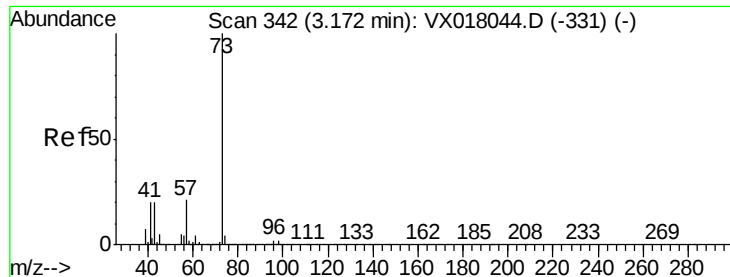
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#18
Methyl Acetate
Concen: 17.822 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.2	27.4





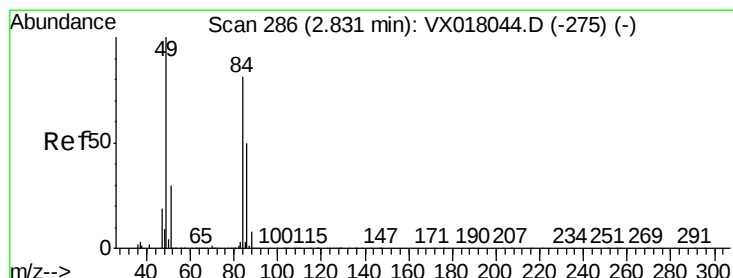
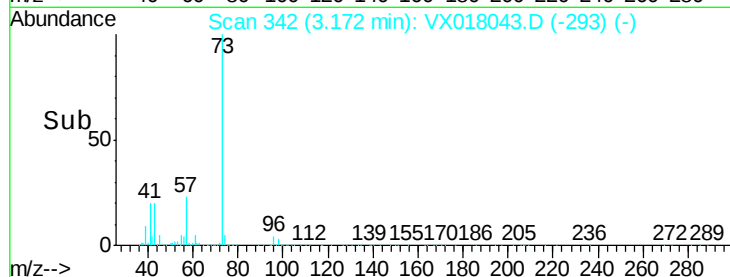
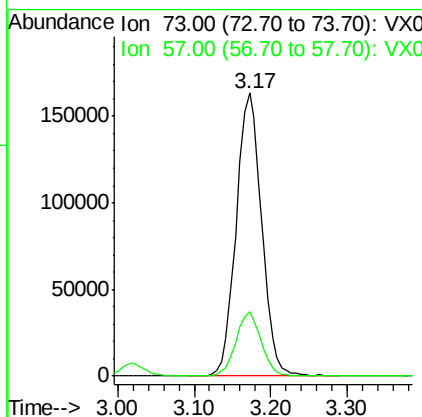
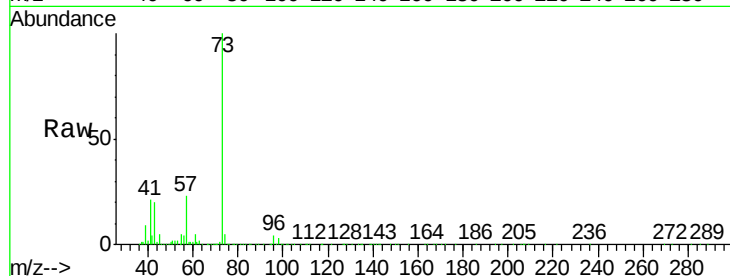
#19
Methvl tert-butvl Ether
Concen: 18.465 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.8	25.2

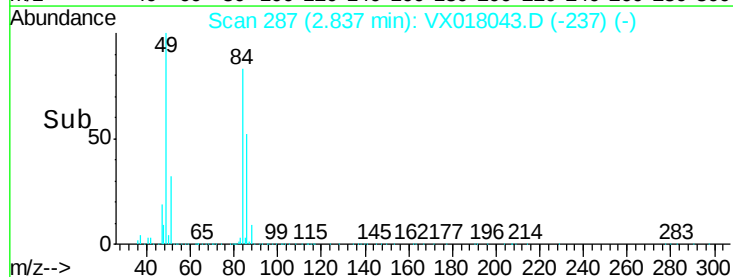
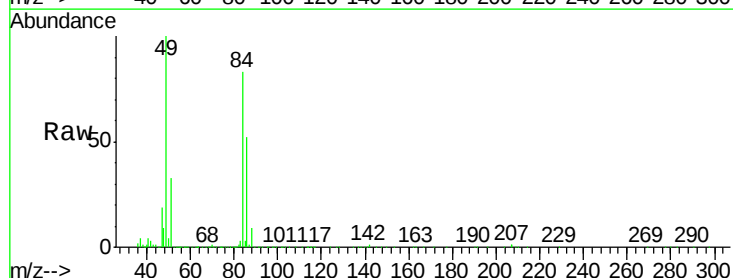
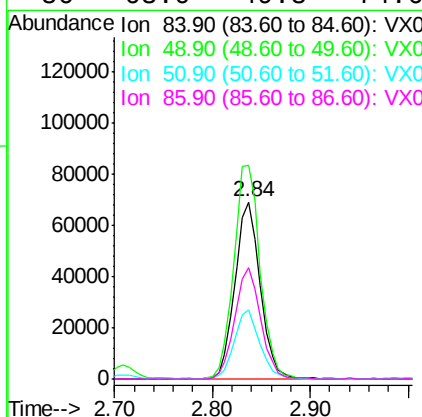
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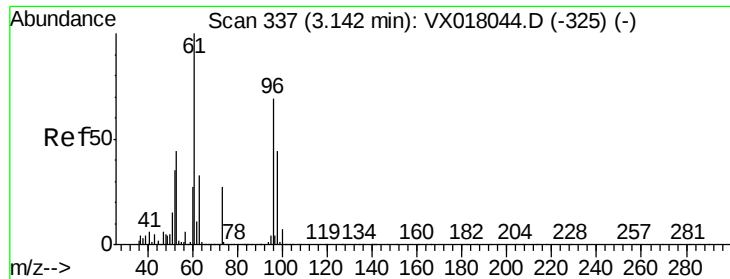
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#20
Methylene Chloride
Concen: 18.018 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	98.6	148.0
51	39.3	29.6	44.4
86	63.0	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 17.835 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

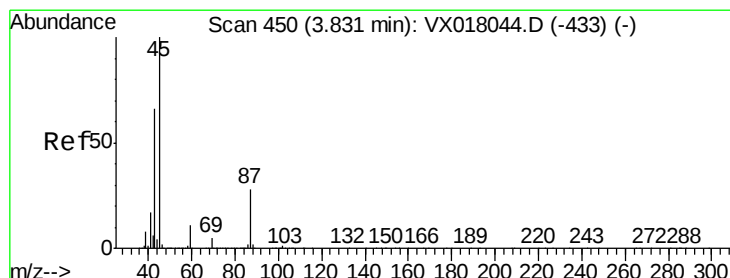
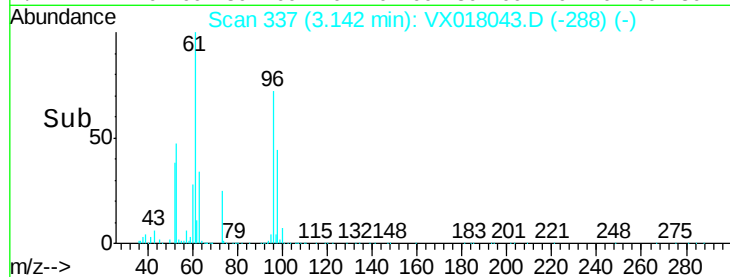
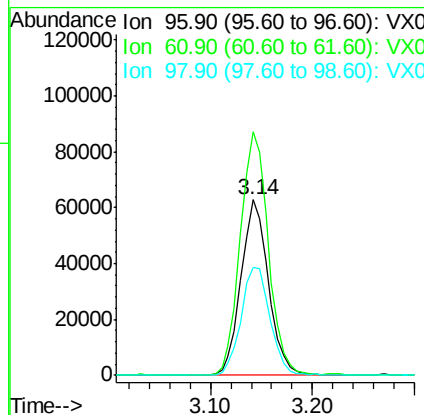
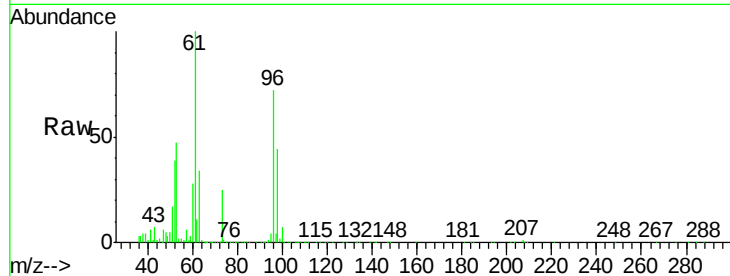
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	117499
Ion	Ratio	Lower	Upper
96	100		
61	138.5	115.4	173.0
98	61.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 18.941 ug/l

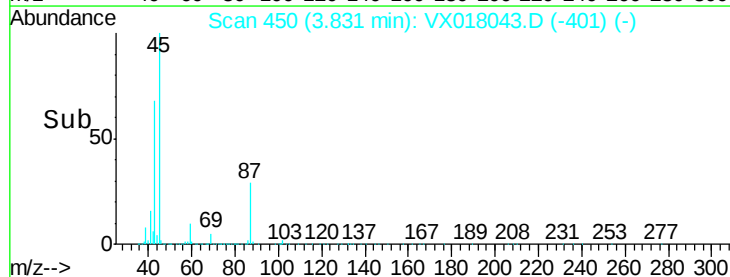
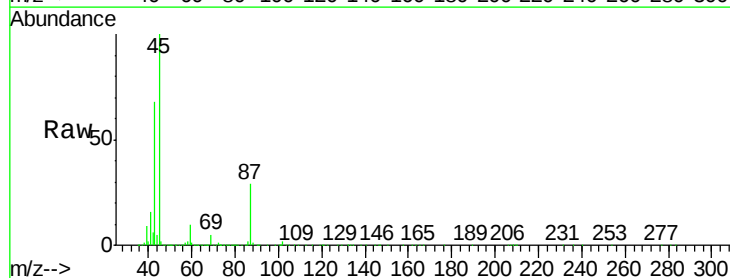
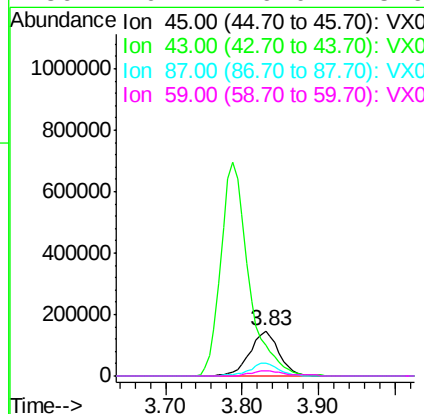
RT: 3.83 min Scan# 450

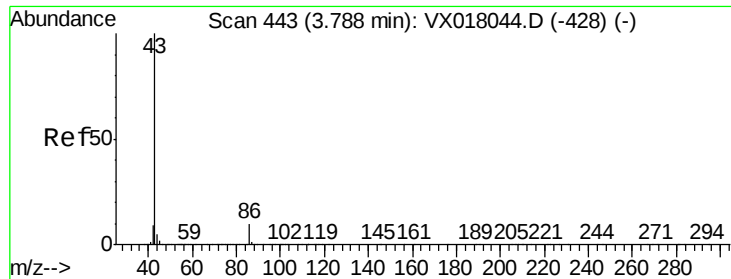
Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	45	Resp:	389286
Ion	Ratio	Lower	Upper
45	100		
43	67.6	52.8	79.2
87	29.1	22.5	33.7
59	10.2	9.0	13.6





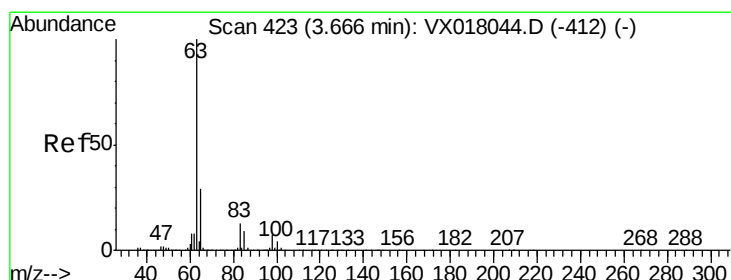
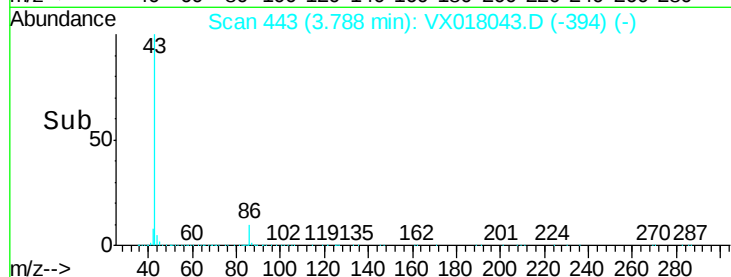
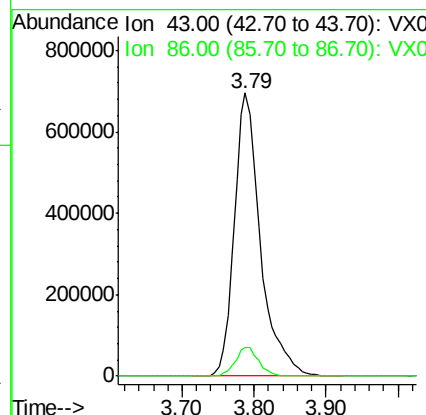
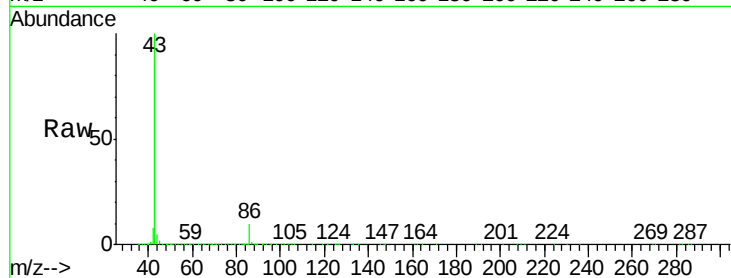
#23
 Vinyl Acetate
 Concen: 96.940 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 43 Resp: 1755394
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

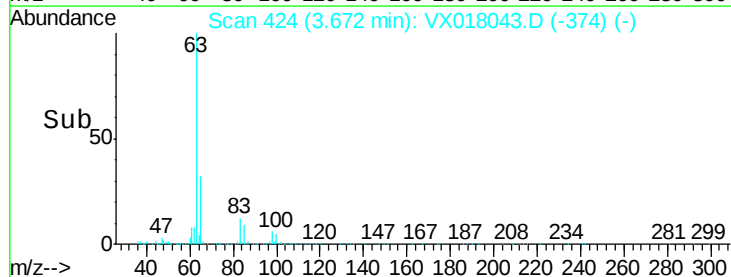
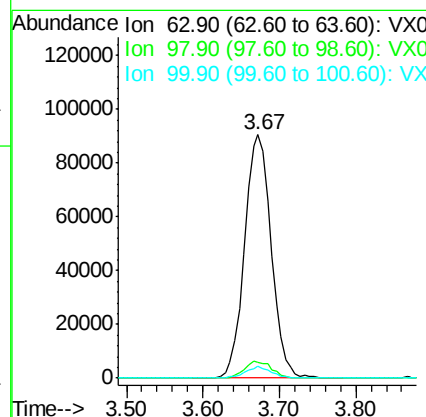
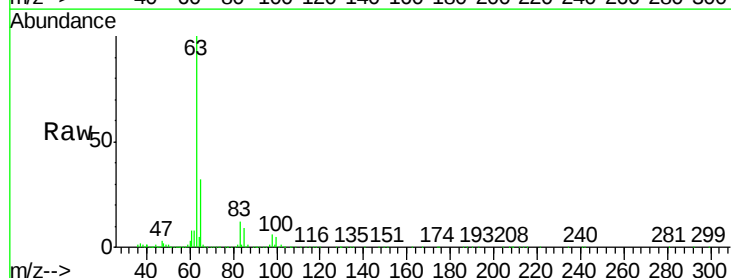
Manual Integrations
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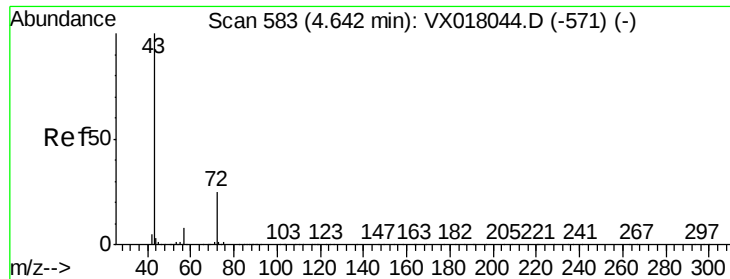
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#24
 1,1-Dichloroethane
 Concen: 19.014 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion: 63 Resp: 218959
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.8 2.0 6.0





#25

2-Butanone

Concen: 91.713 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 490289

Ion Ratio Lower Upper

43 100

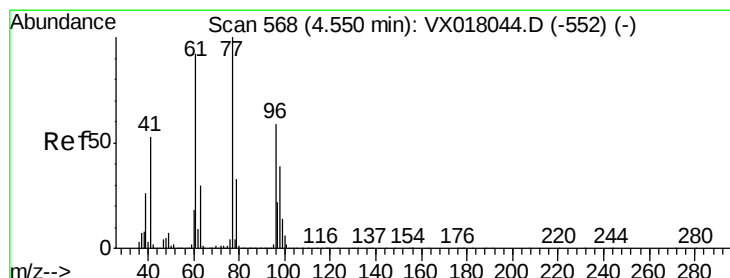
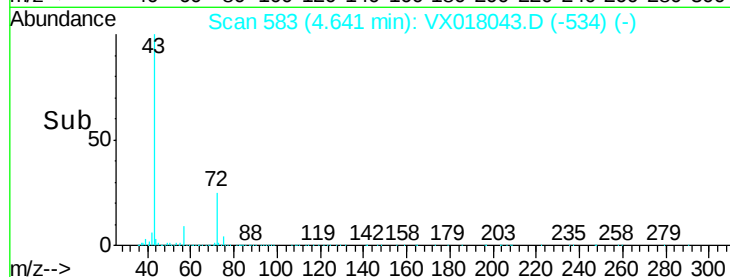
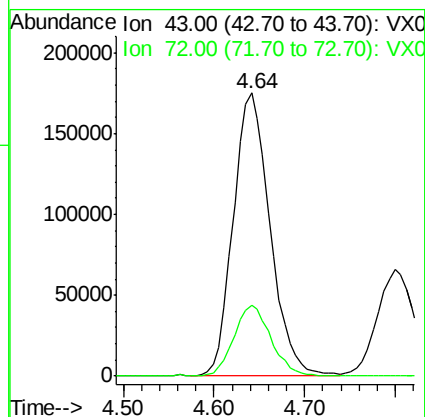
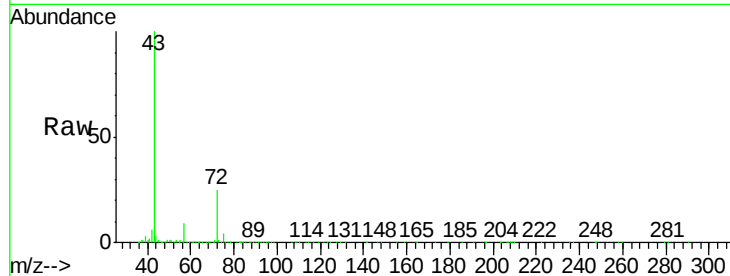
72 24.7 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.373 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018043.D

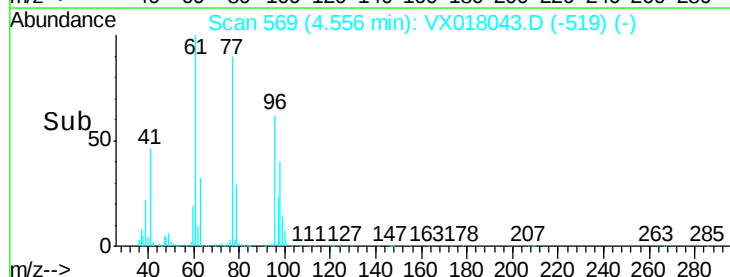
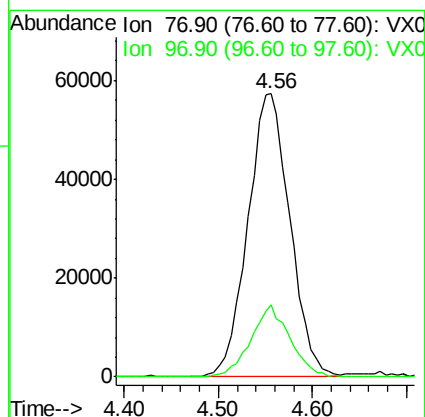
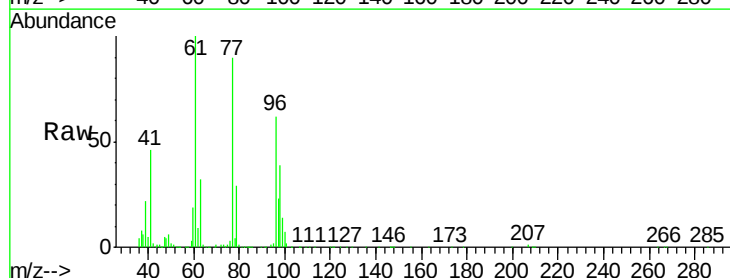
Acq: 20 Aug 2020 19:45

Tgt Ion: 77 Resp: 179323

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5





#27

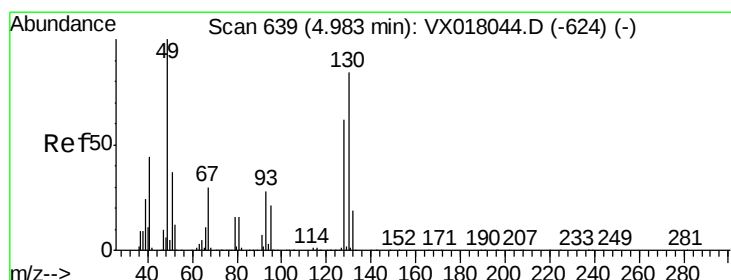
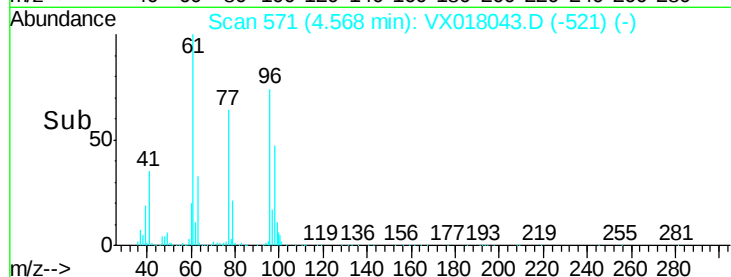
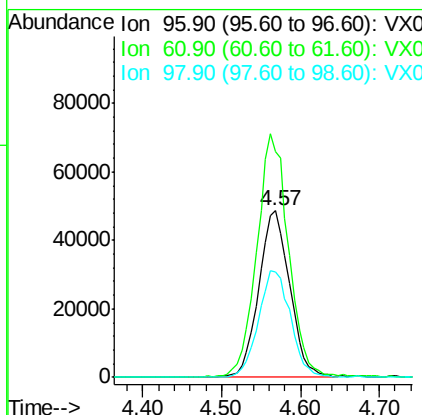
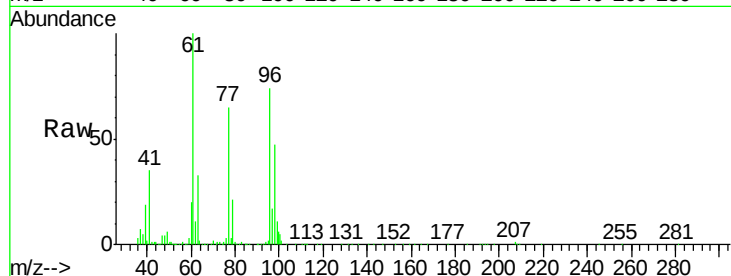
cis-1,2-Dichloroethene
Concen: 18.459 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133157		
61	148.7	0.0	296.6	
98	66.1	0.0	130.2	

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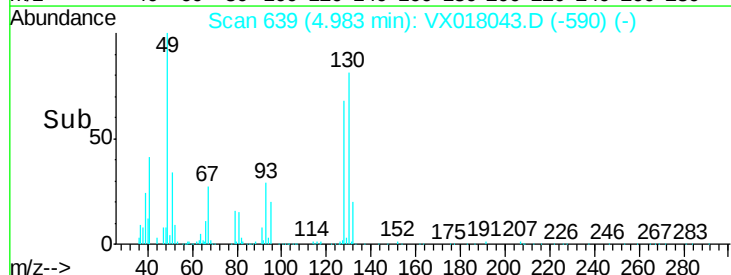
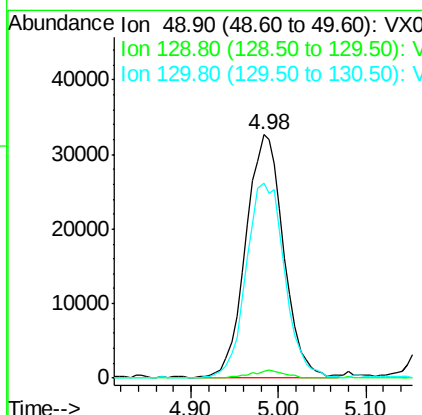
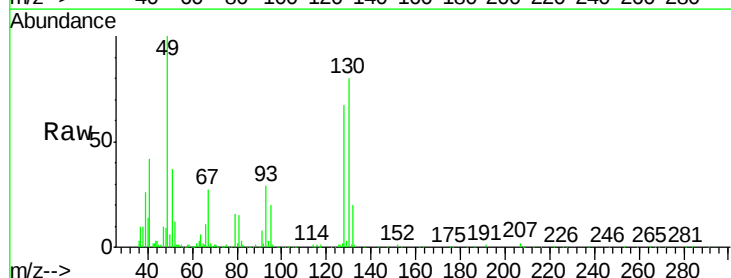
MMDadoda
8/21/2020 11:23:06 AM



#28

Bromochloromethane
Concen: 18.489 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97905		
129	3.0	0.0	4.6	
130	82.2	64.6	96.8	





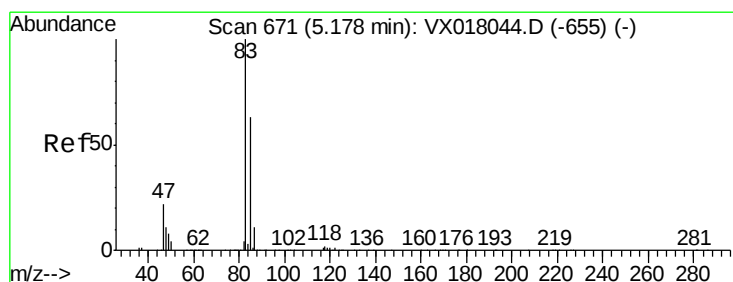
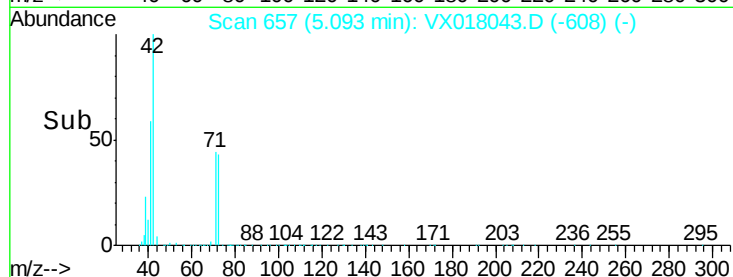
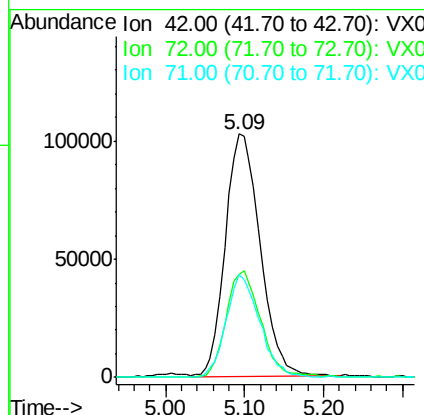
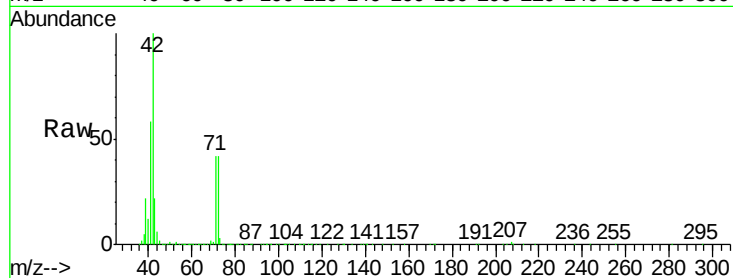
#29
Tetrahydrofuran
Concen: 89.566 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.2	51.4
71	40.8	32.1	48.1

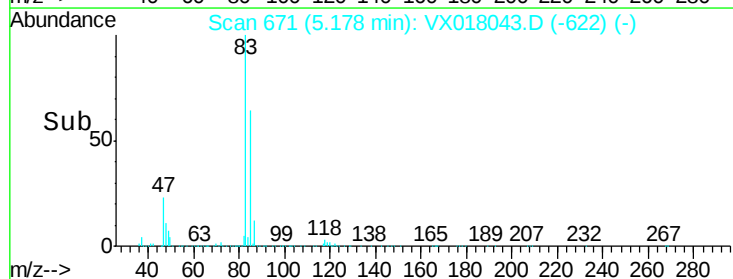
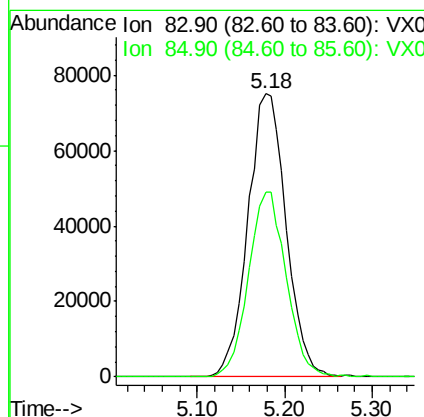
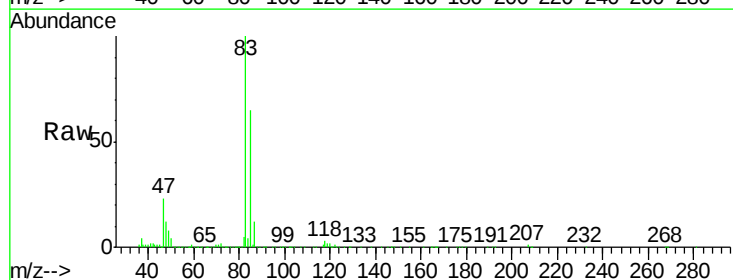
Manual Integrations
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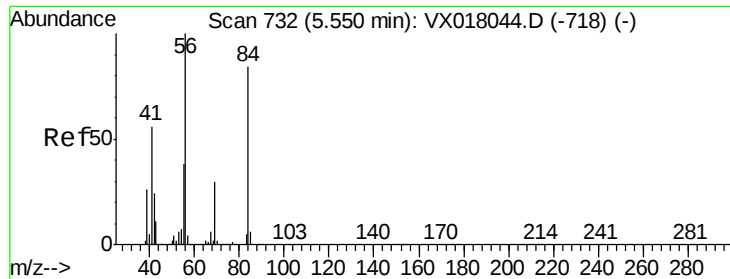
MMDadoda
8/21/2020 11:23:06 AM



#30
Chloroform
Concen: 19.749 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1





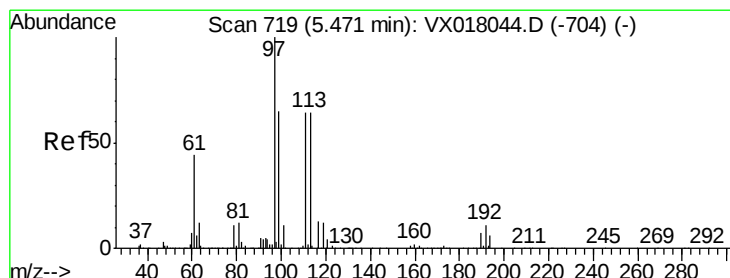
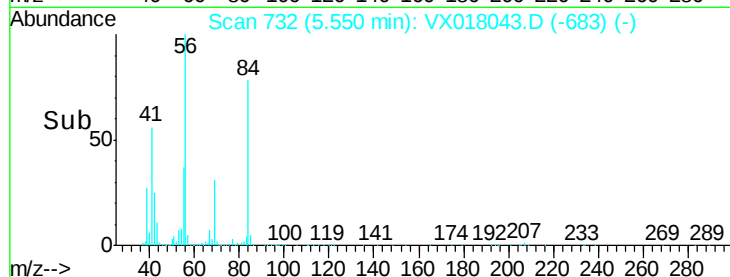
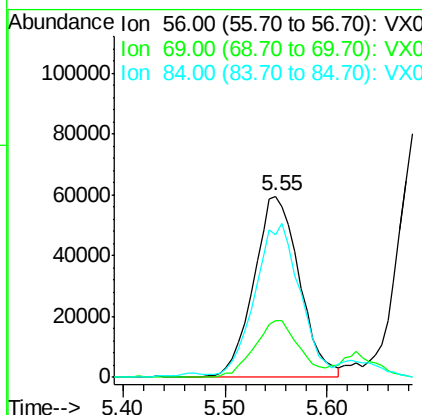
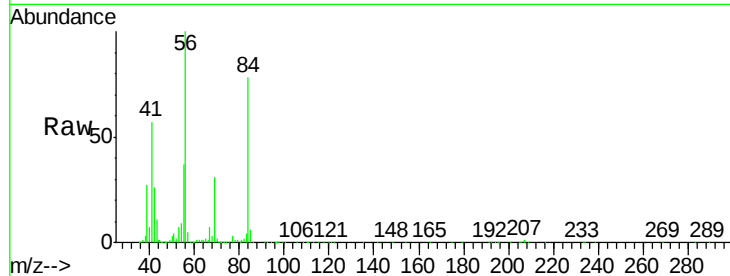
#31
Cyclohexane
Concen: 17.829 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.9	35.9
84	76.5	67.0	100.4

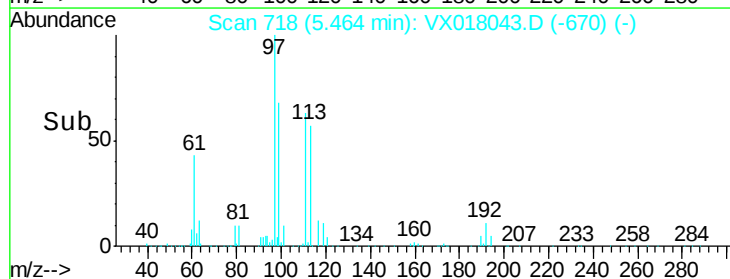
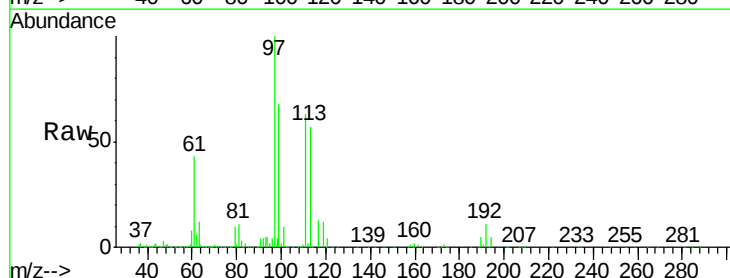
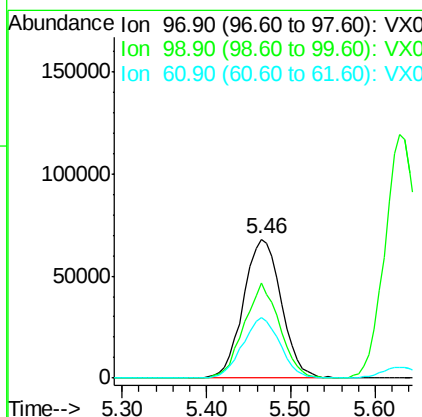
Manual Integrations
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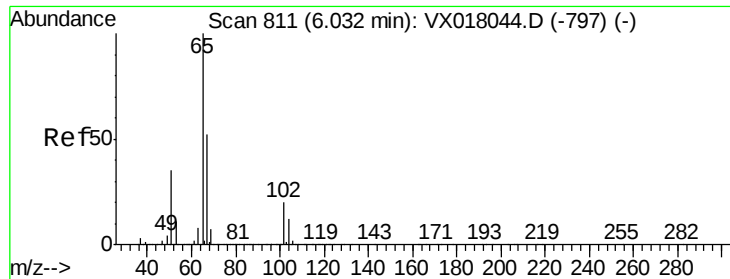
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.836 ug/l
RT: 5.46 min Scan# 719
Delta R.T. -0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	43.0	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 19.952 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 152774

Ion Ratio Lower Upper

65 100

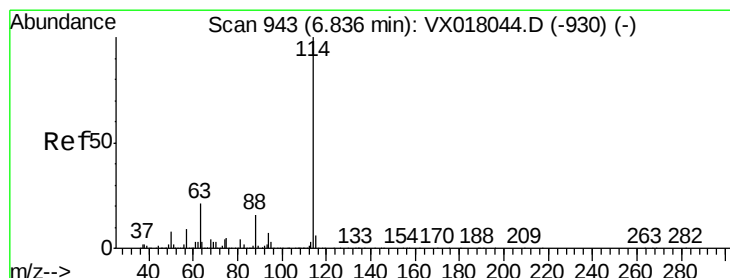
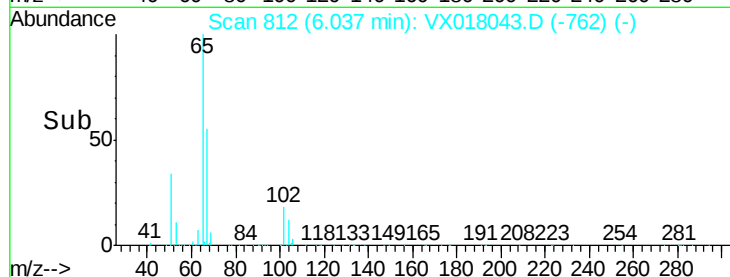
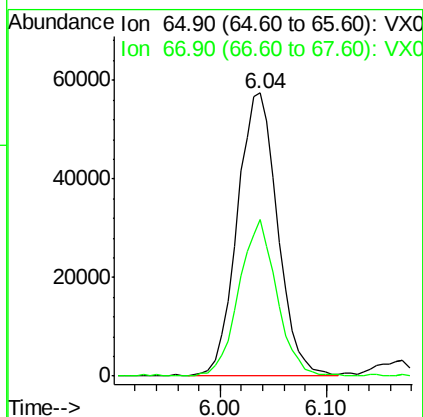
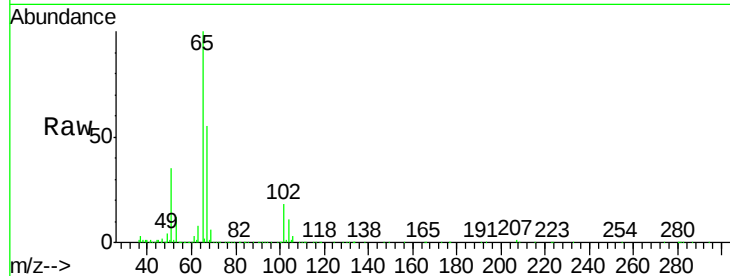
67 52.0 0.0 105.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

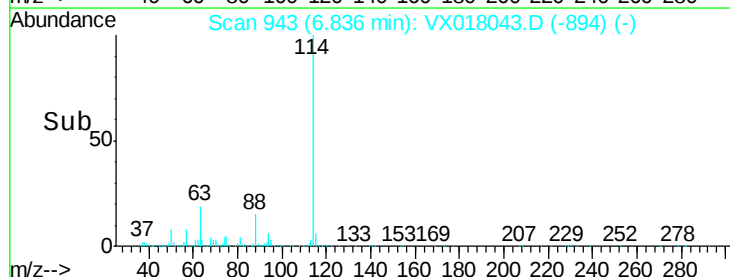
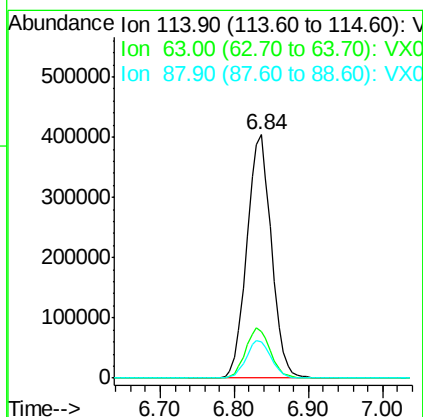
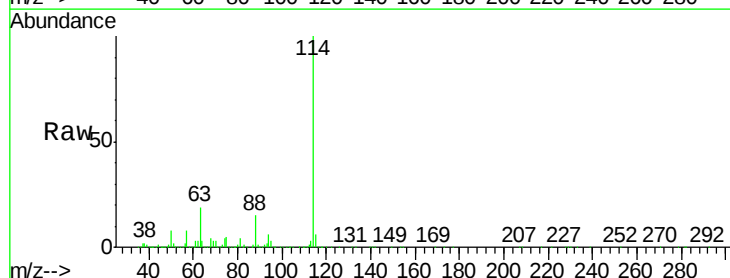
Tgt Ion: 114 Resp: 936733

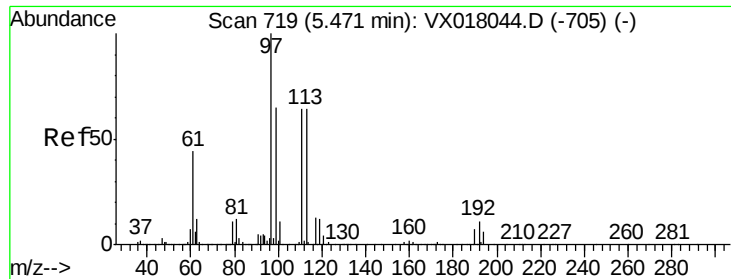
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 19.430 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

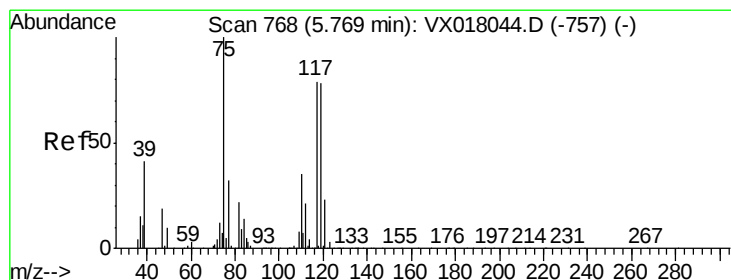
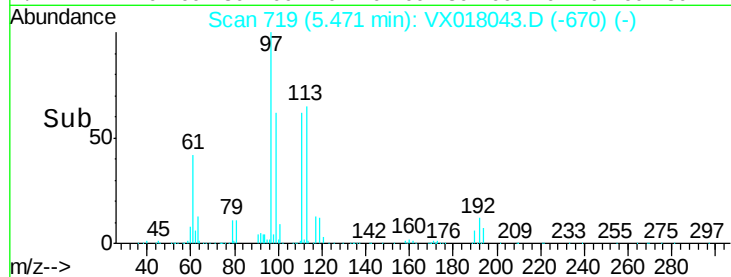
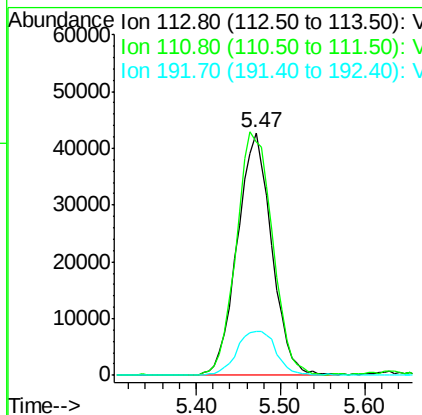
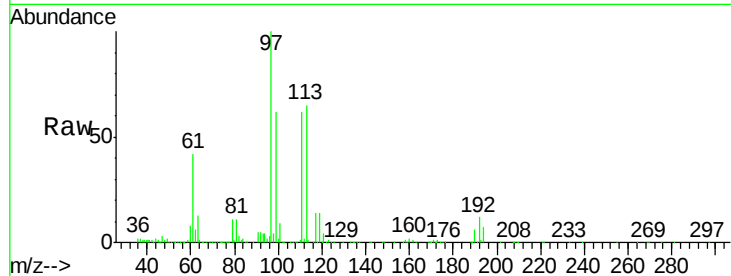
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	117820
Ion Ratio	Lower	Upper	
113	100		
111	105.8	81.6	122.4
192	20.8	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 17.521 ug/l

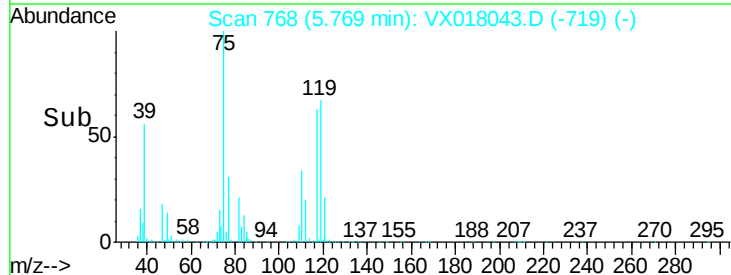
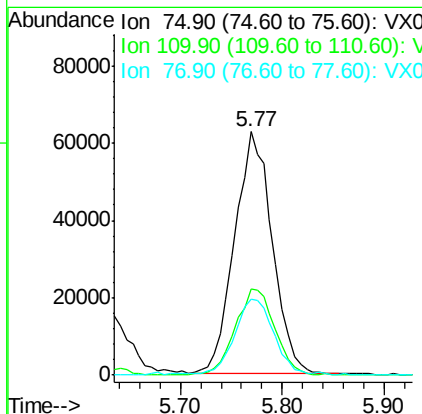
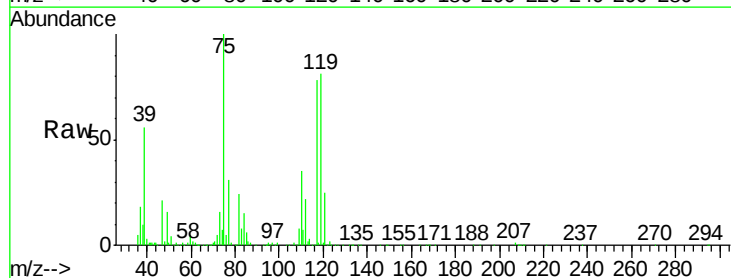
RT: 5.77 min Scan# 768

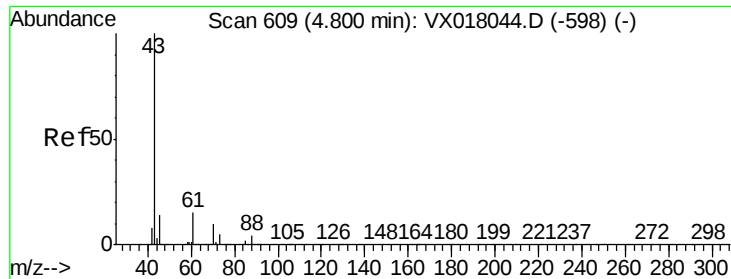
Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	75	Resp:	161049
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.0	54.0
77	31.6	24.4	36.6





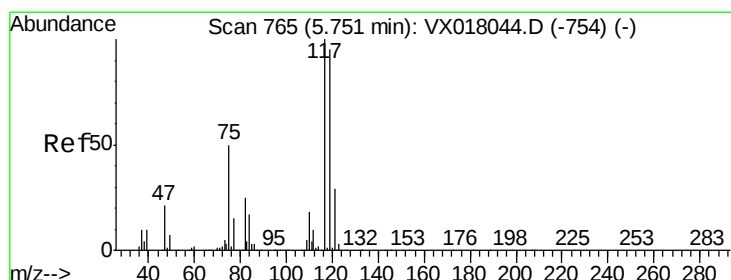
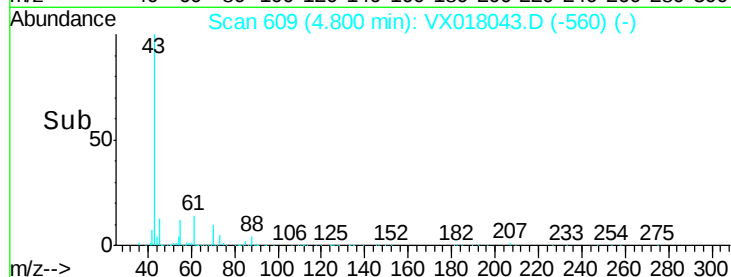
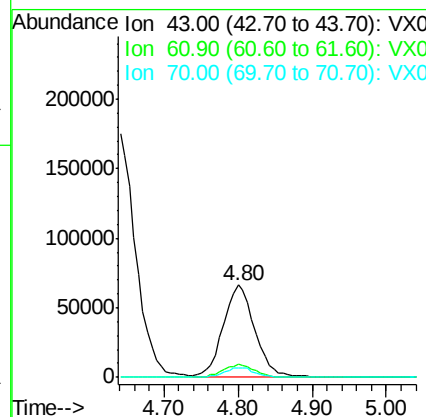
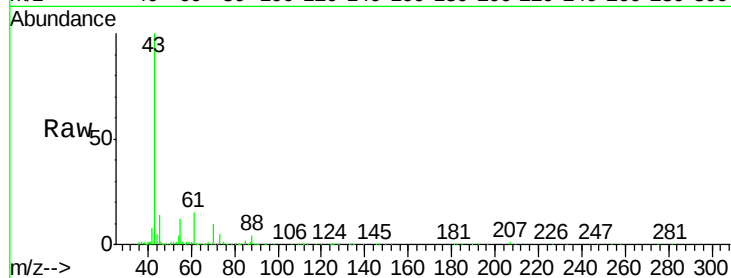
#37
Ethyl Acetate
Concen: 18.408 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	43	Resp:	194269
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	10.2	8.2	12.4

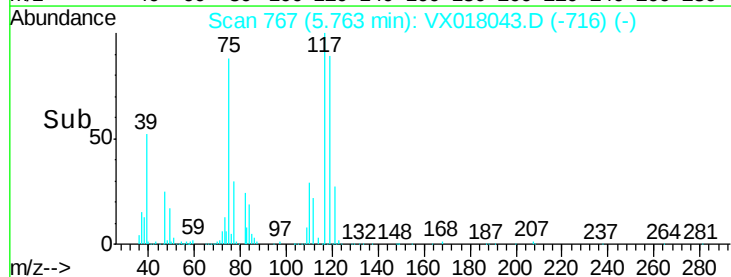
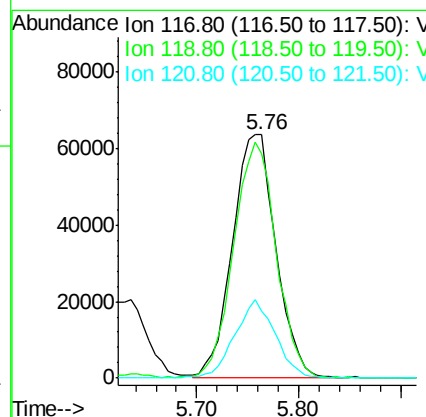
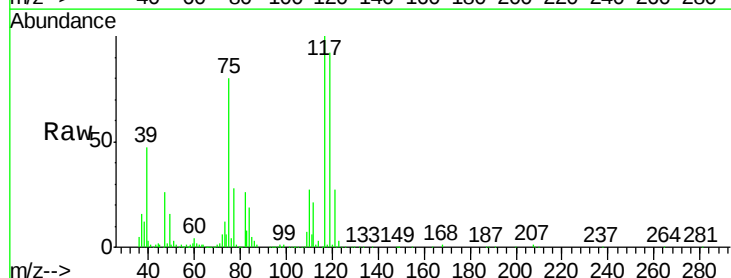
Manual Integrations
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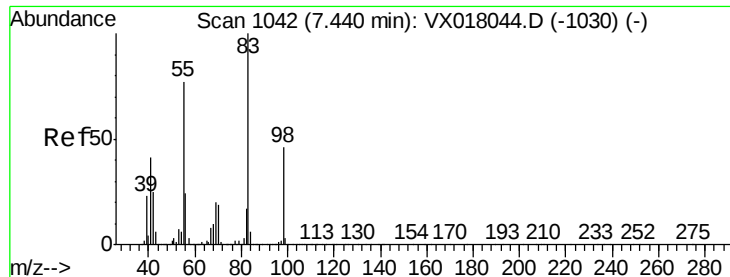
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#38
Carbon Tetrachloride
Concen: 19.900 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion:	117	Resp:	188483
Ion	Ratio	Lower	Upper
117	100		
119	91.7	75.8	113.6
121	27.4	23.4	35.0





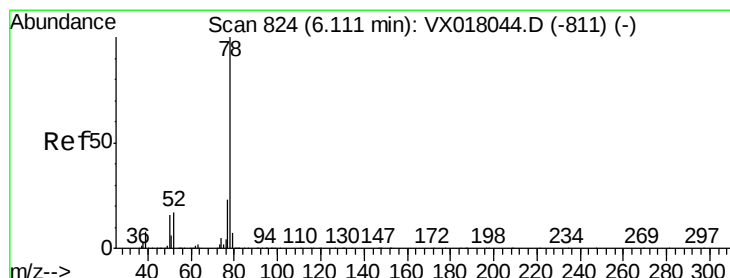
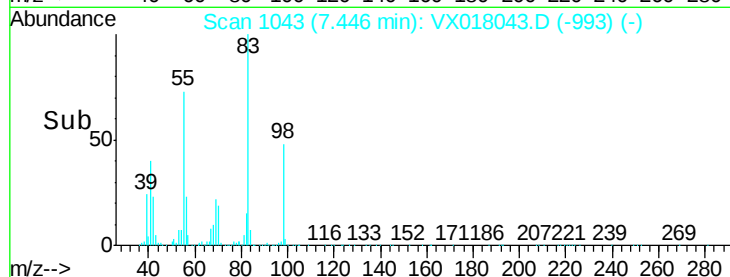
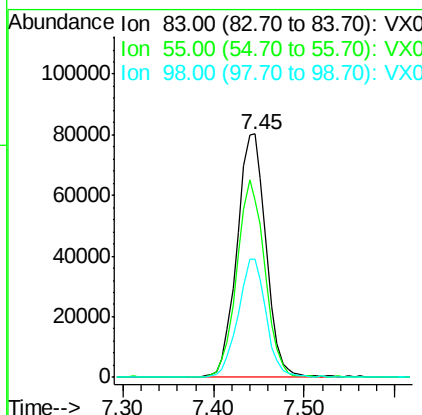
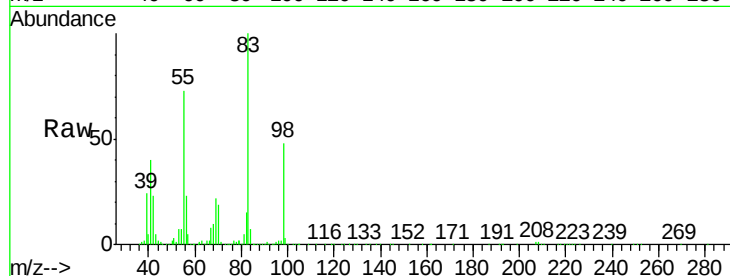
#39
Methvlcvclohexane
Concen: 16.279 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	61.8	92.6
98	48.5	36.6	55.0

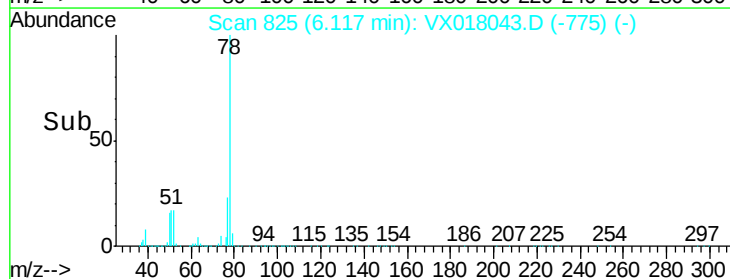
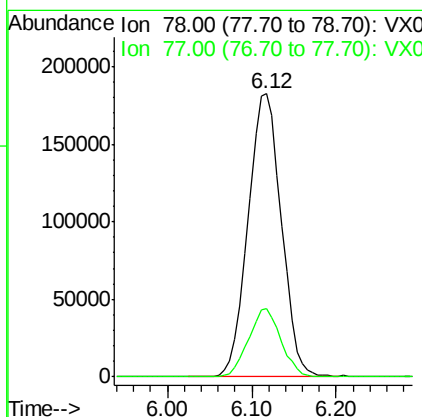
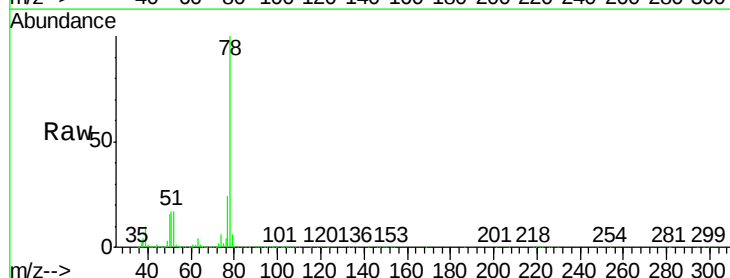
Manual Integrations
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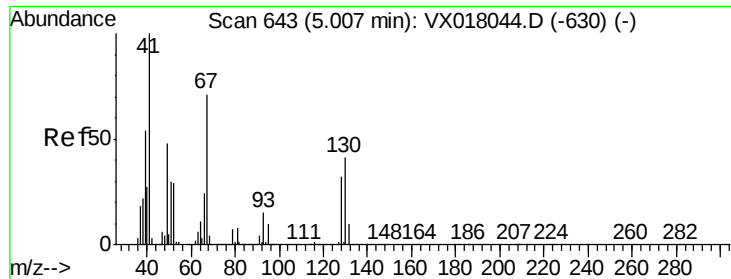
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#40
Benzene
Concen: 18.283 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2





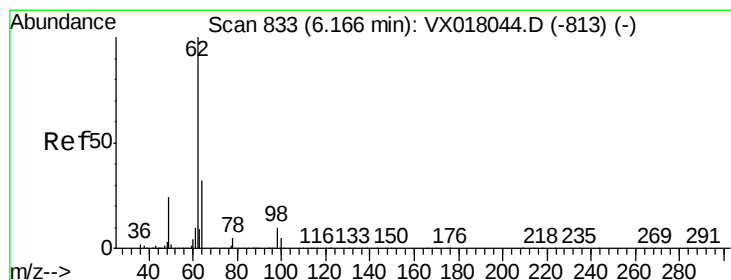
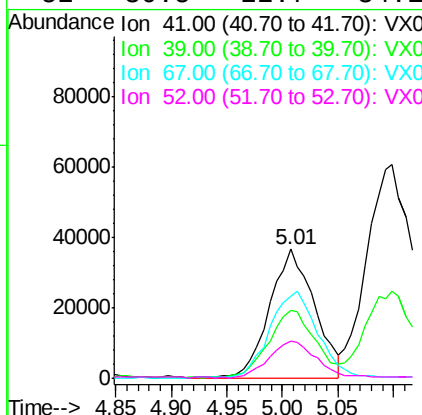
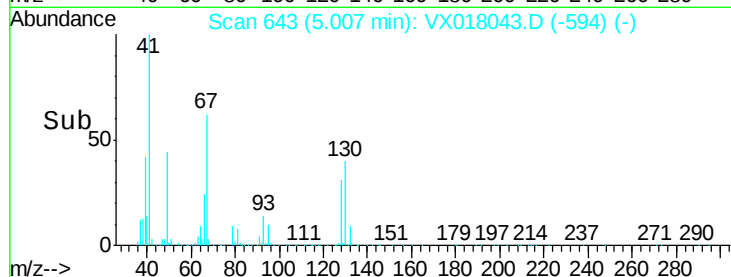
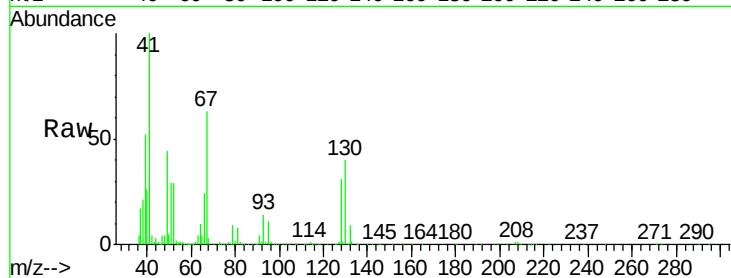
#41
Methacrylonitrile
Concen: 17.801 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.1	64.7
67	74.1	56.0	84.0
52	30.5	22.7	34.1

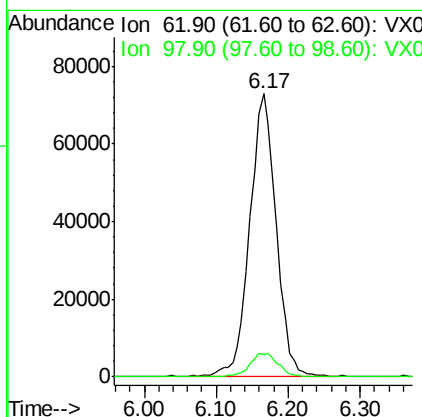
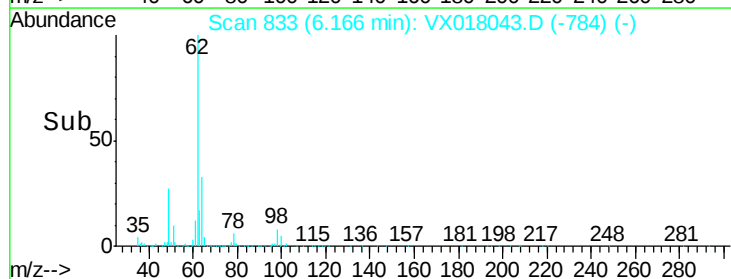
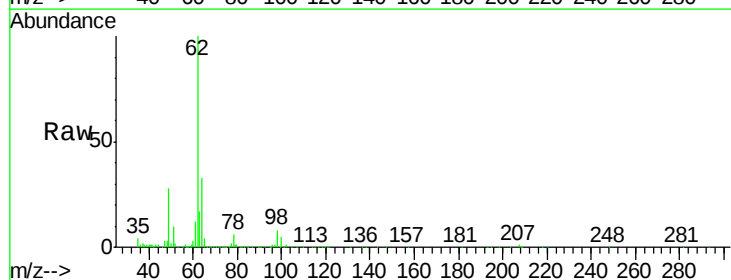
Manual Integrations
APPROVED

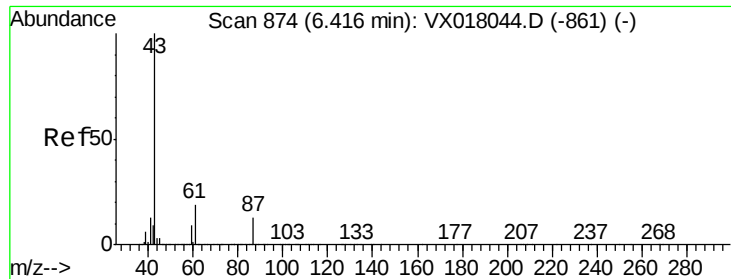
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.163 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.290 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

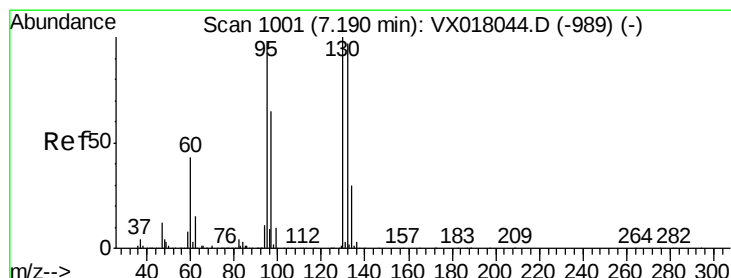
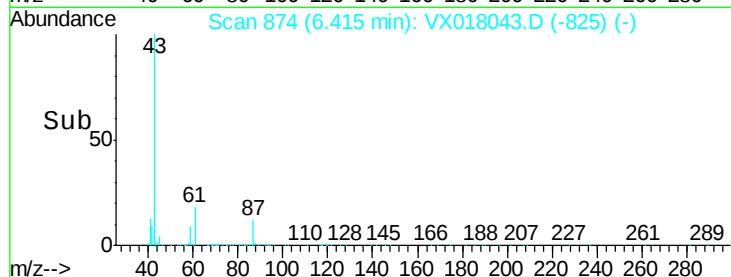
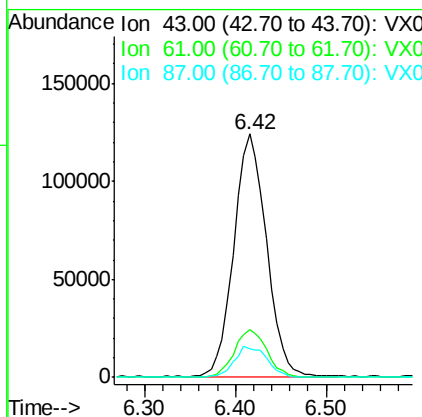
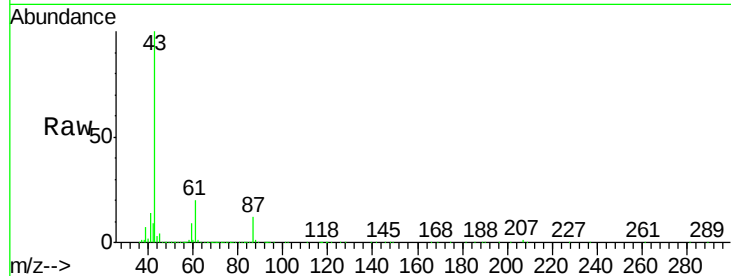
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	310012
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.1	10.3	15.5

Manual Integrations
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#44

Trichloroethene

Concen: 14.856 ug/l

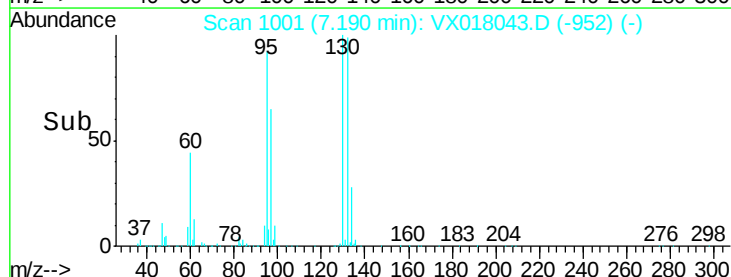
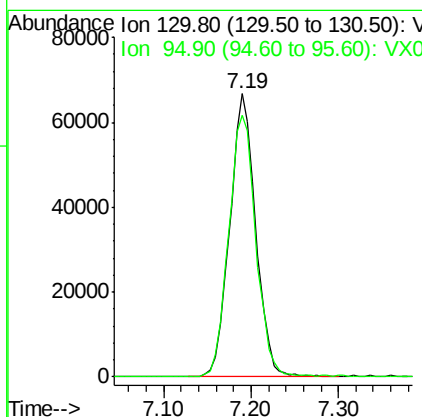
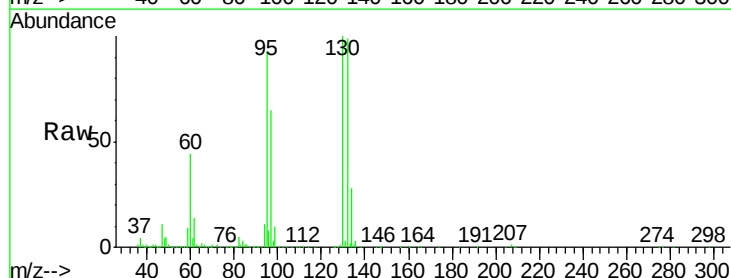
RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	130	Resp:	137496
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	196.4





#45

1,2-Dichloropropane

Concen: 19.352 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 132439

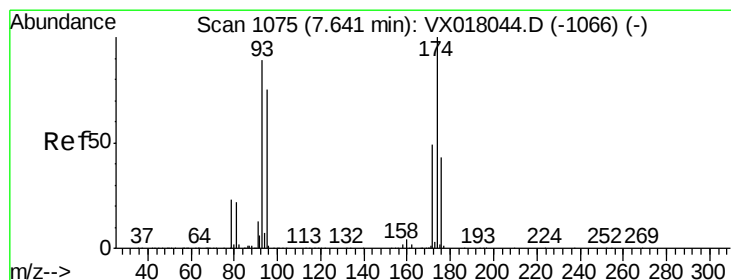
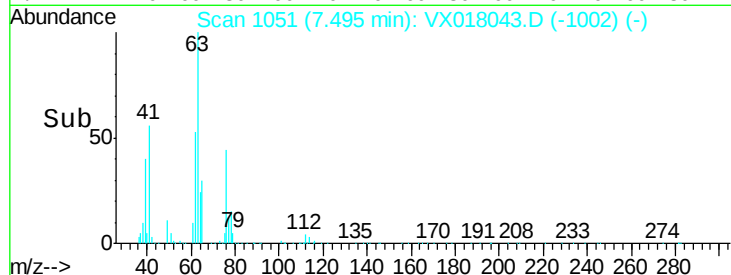
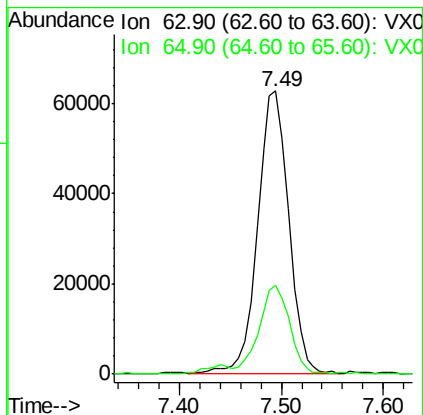
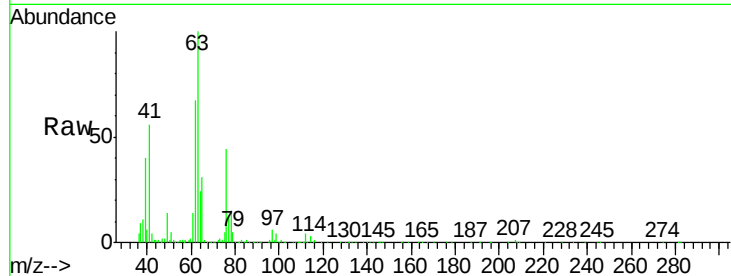
Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5

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#46

Dibromomethane

Concen: 19.894 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

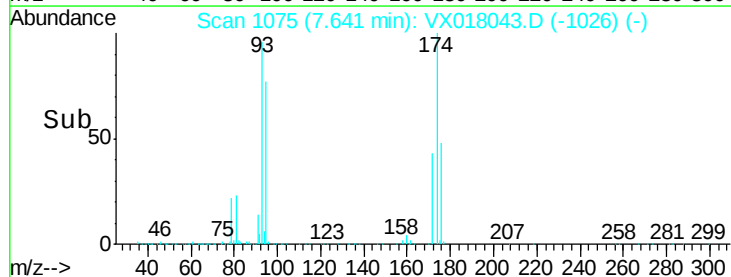
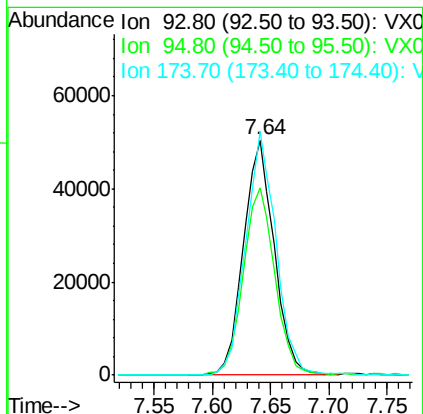
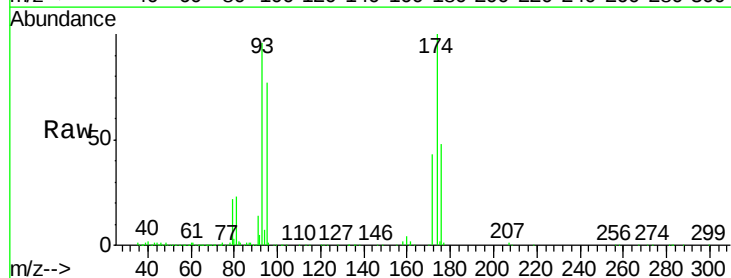
Tgt Ion: 93 Resp: 92917

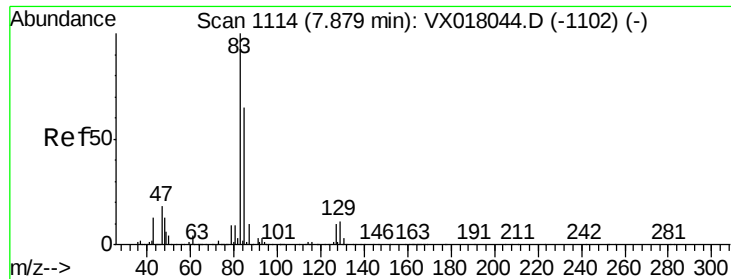
Ion Ratio Lower Upper

93 100

95 81.7 67.3 100.9

174 102.0 82.2 123.2





#47

Bromodichloromethane

Concen: 18.950 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

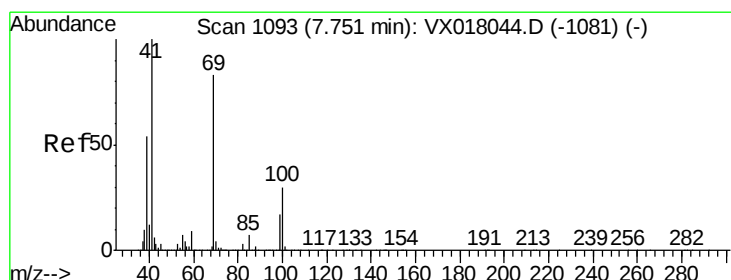
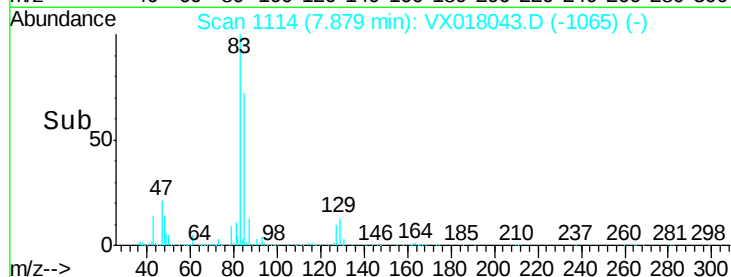
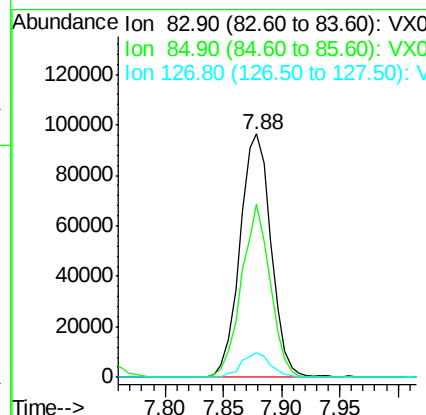
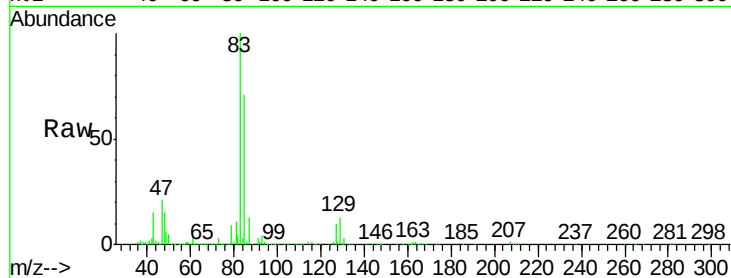
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	179809
Ion	Ratio	Lower	Upper
83	100		
85	71.3	51.8	77.6
127	10.0	7.7	11.5

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#48

Methyl methacrylate

Concen: 18.615 ug/l

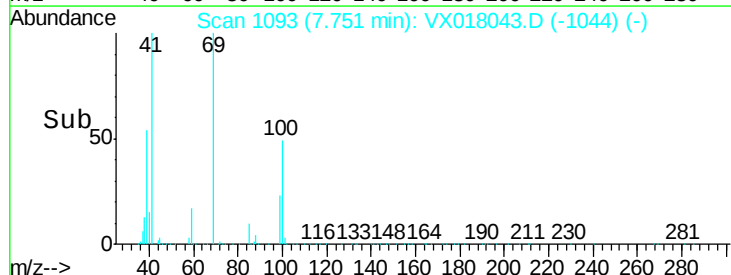
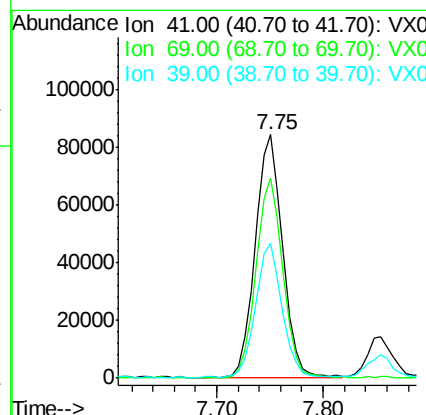
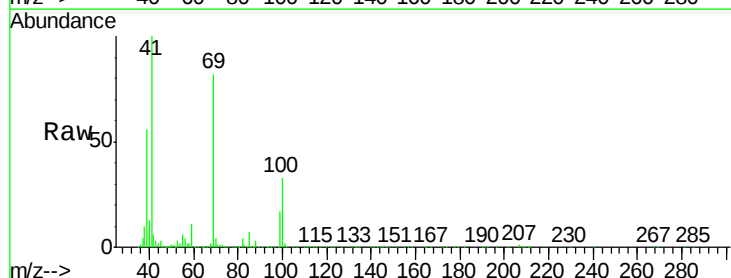
RT: 7.75 min Scan# 1093

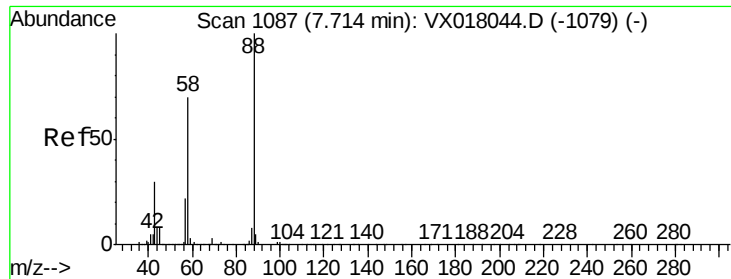
Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	41	Resp:	150495
Ion	Ratio	Lower	Upper
41	100		
69	81.8	65.5	98.3
39	53.3	44.5	66.7





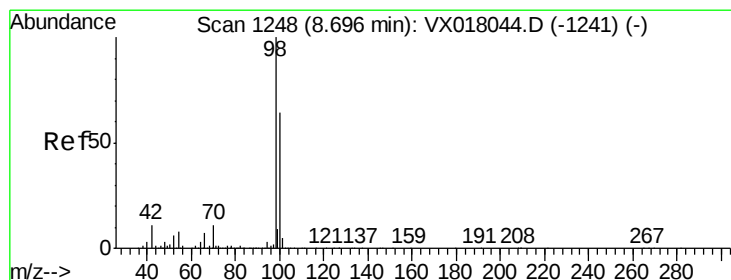
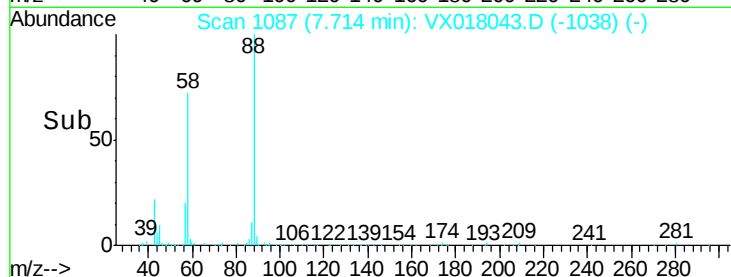
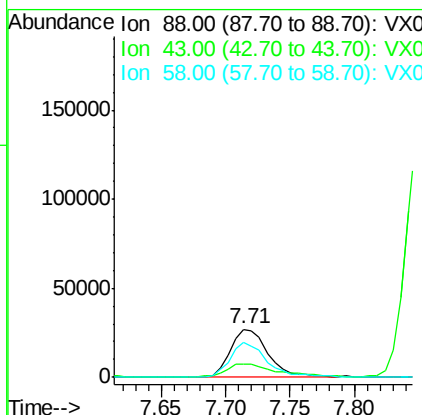
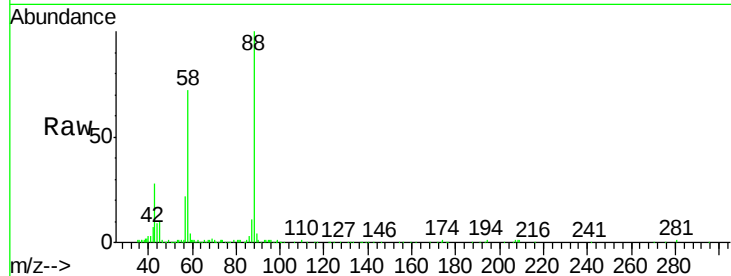
#49
1,4-Dioxane
Concen: 292.264 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.4	41.0
58	72.5	56.4	84.6

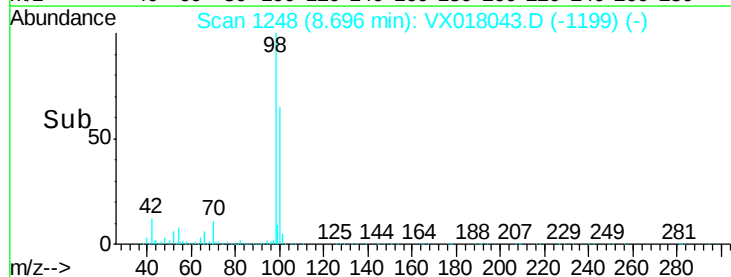
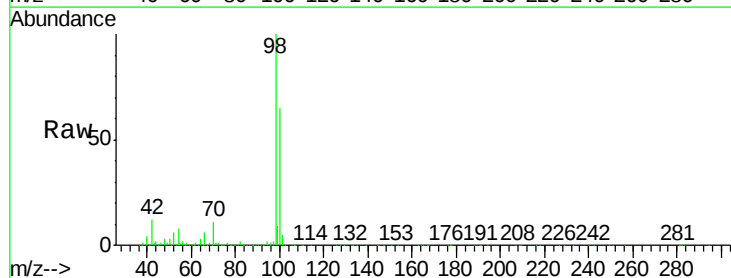
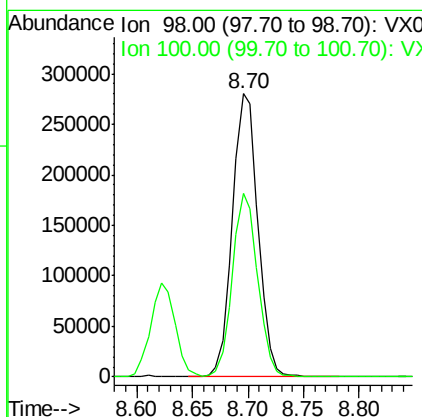
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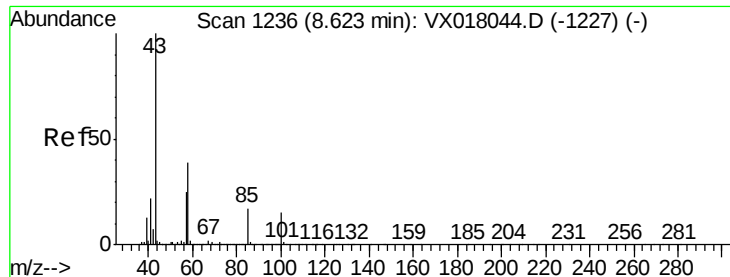
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#50
Toluene-d8
Concen: 19.215 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 94.069 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 975906

Ion Ratio Lower Upper

43 100

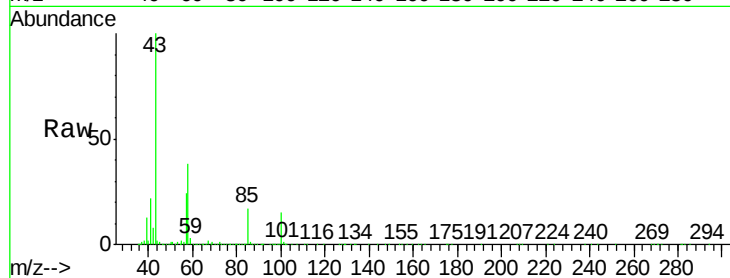
58 38.2 30.7 46.1

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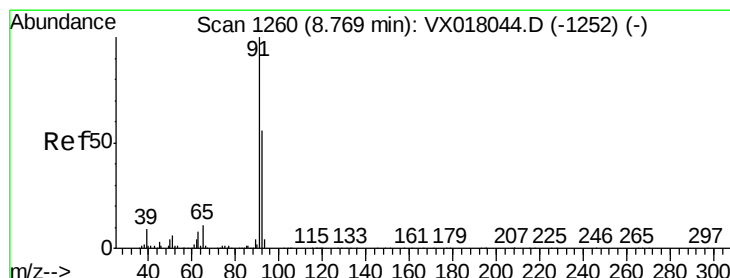
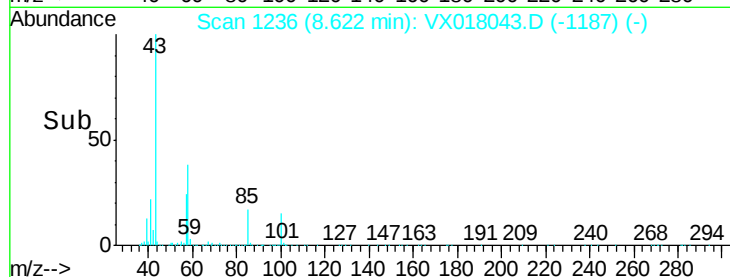
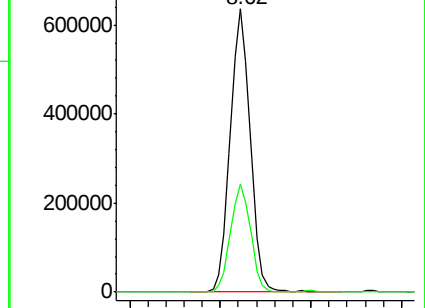
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.476 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018043.D

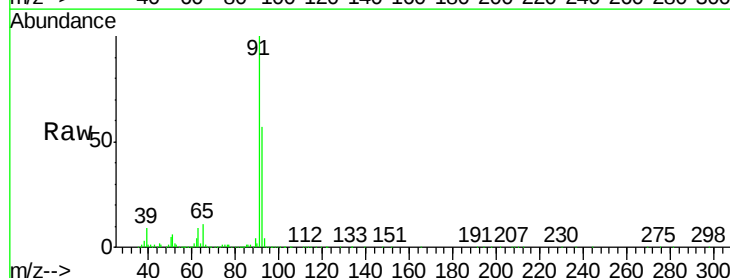
Acq: 20 Aug 2020 19:45

Tgt Ion: 92 Resp: 309042

Ion Ratio Lower Upper

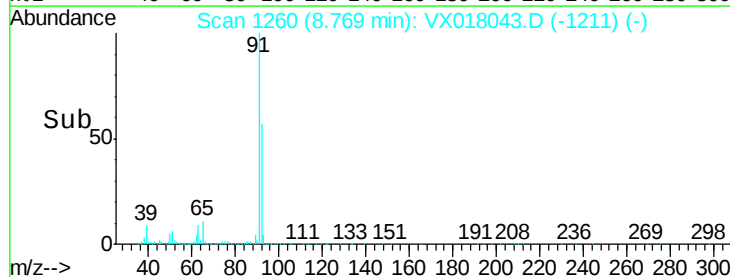
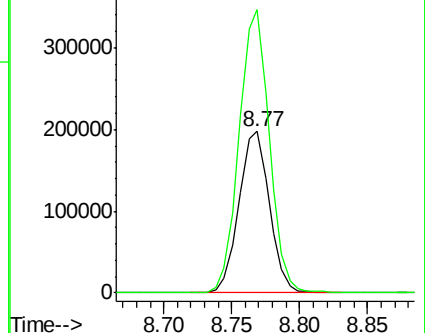
92 100

91 174.2 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





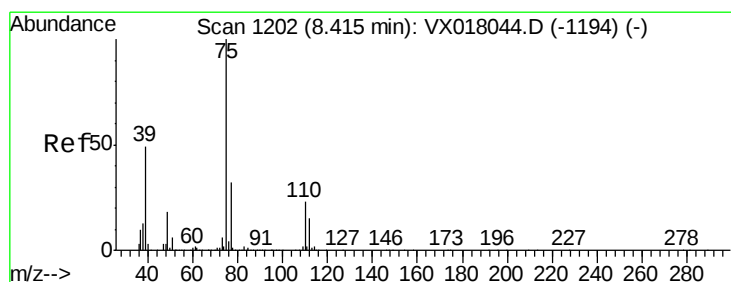
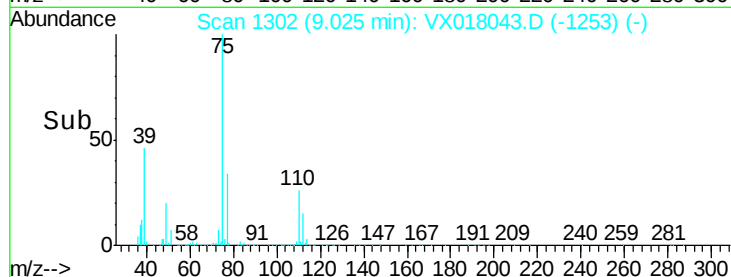
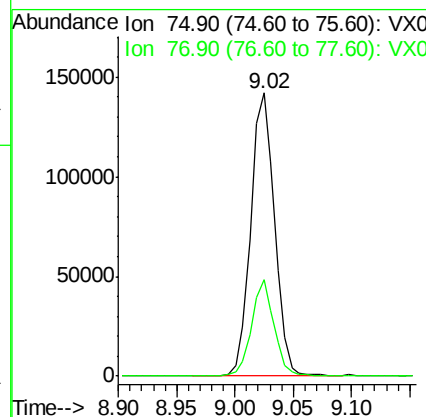
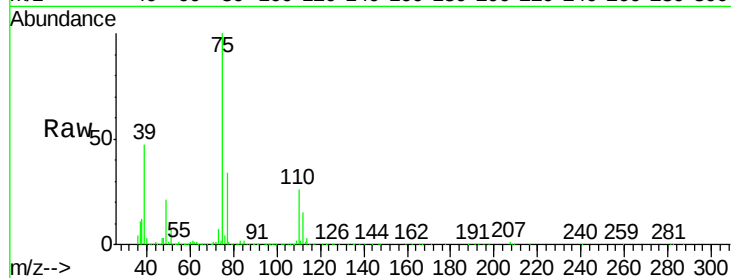
#53
t-1,3-Dichloropropene
Concen: 18.158 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.6	39.8

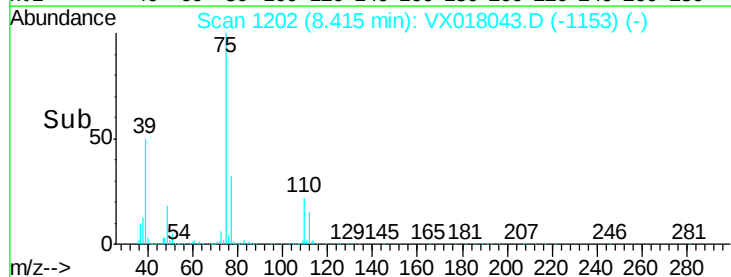
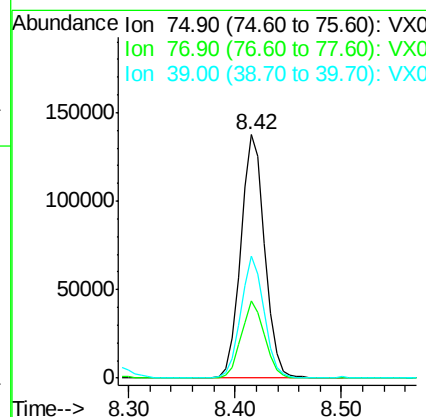
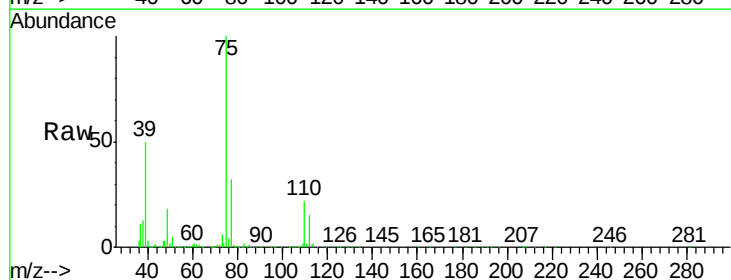
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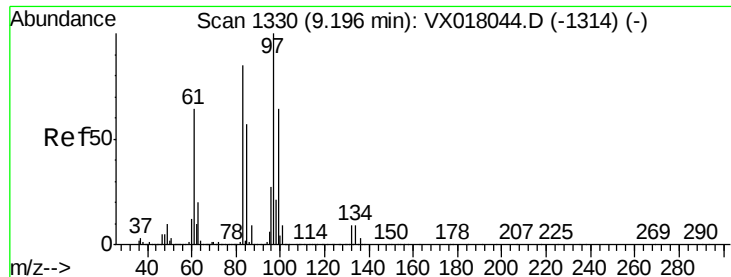
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#54
cis-1,3-Dichloropropene
Concen: 18.418 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	49.9	38.8	58.2





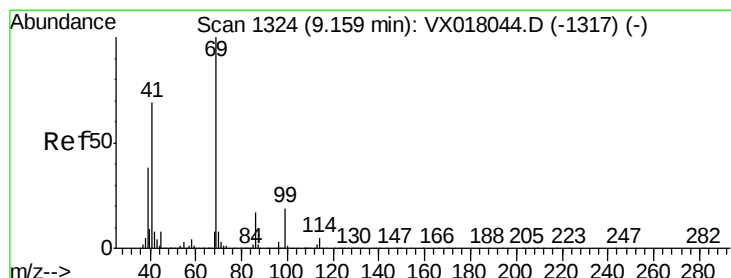
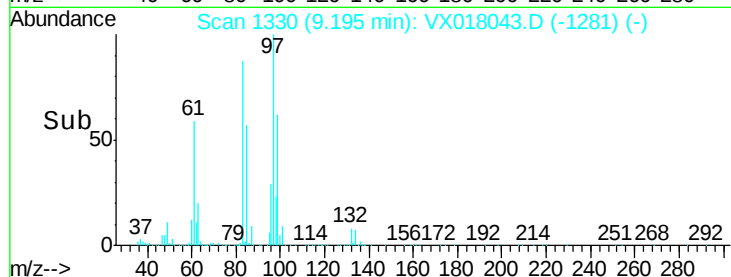
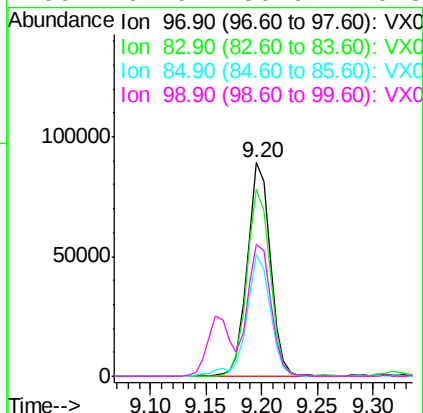
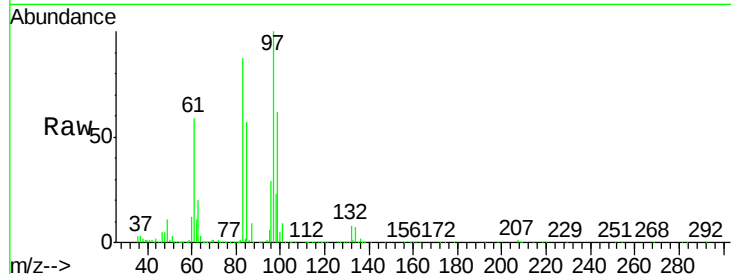
#55
 1,1,2-Trichloroethane
 Concen: 19.383 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128993		
83	87.2	67.8	101.6		
85	56.9	45.3	67.9		
99	61.9	50.9	76.3		

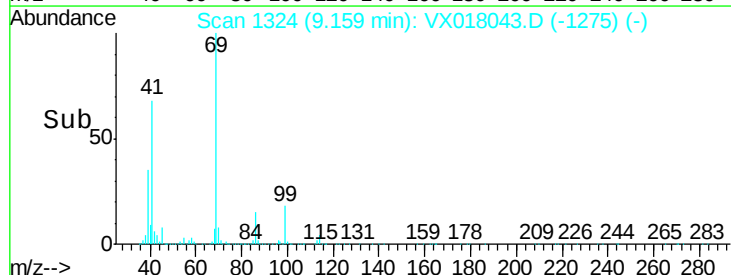
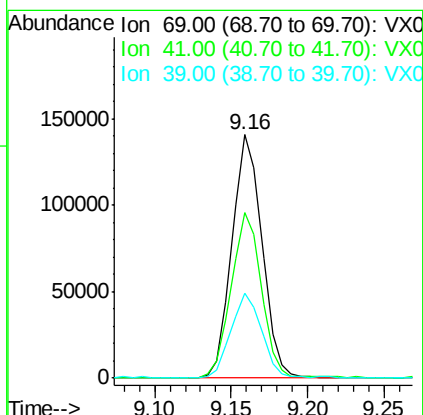
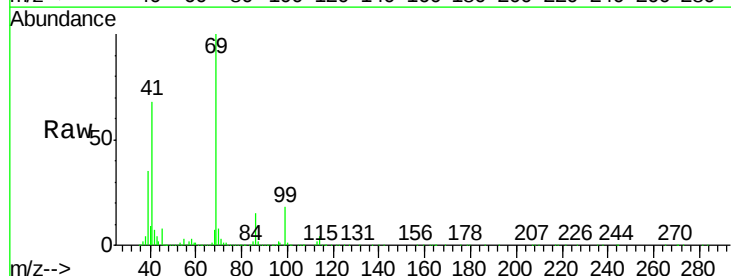
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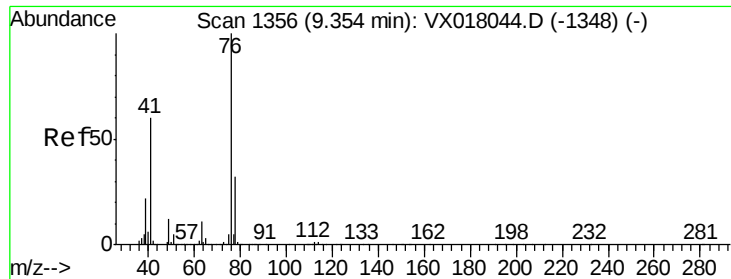
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#56
 Ethyl methacrylate
 Concen: 17.943 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		192164		
41	69.1	54.6	81.8		
39	35.8	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 18.941 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 218360

Ion Ratio Lower Upper

76 100

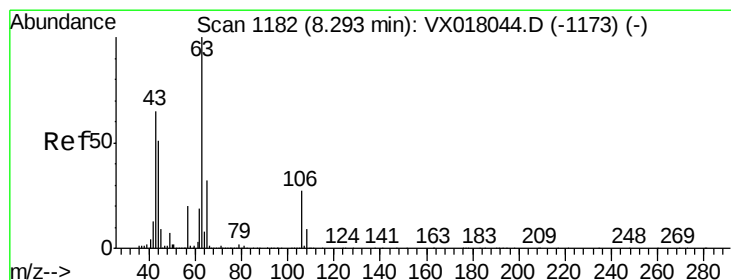
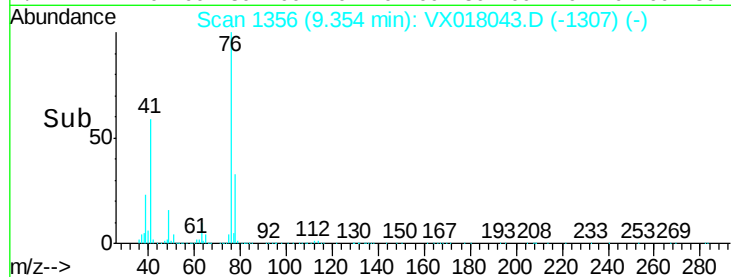
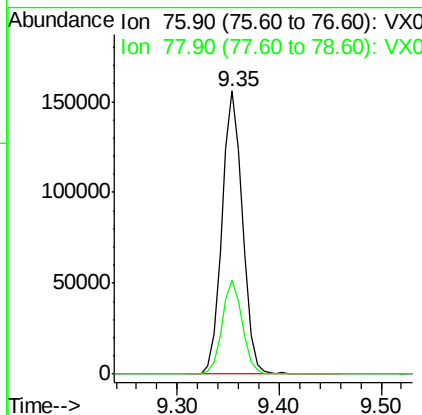
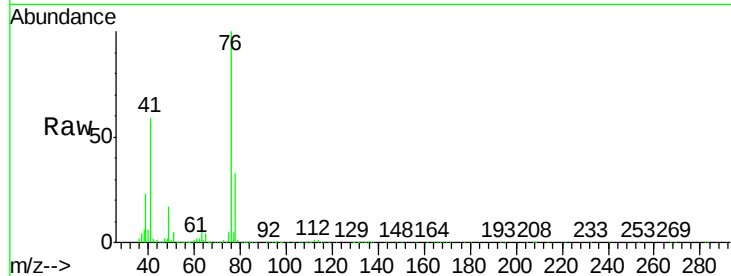
78 33.0 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 74.683 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018043.D

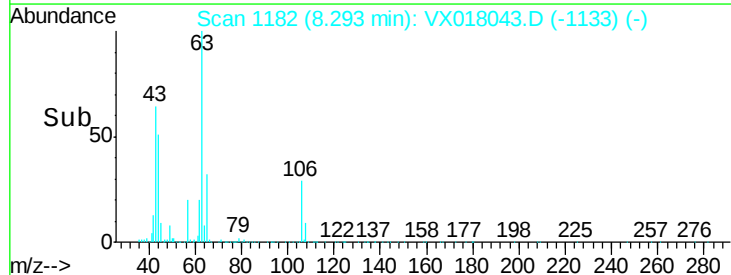
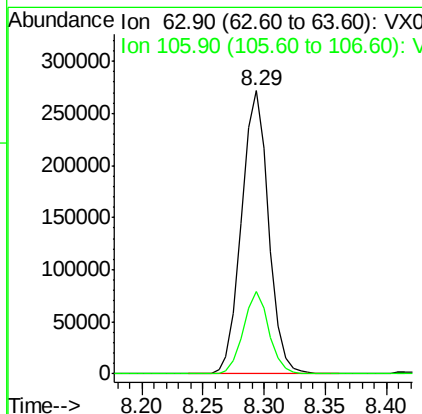
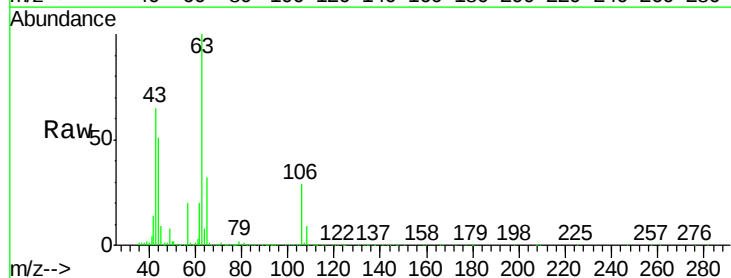
Acq: 20 Aug 2020 19:45

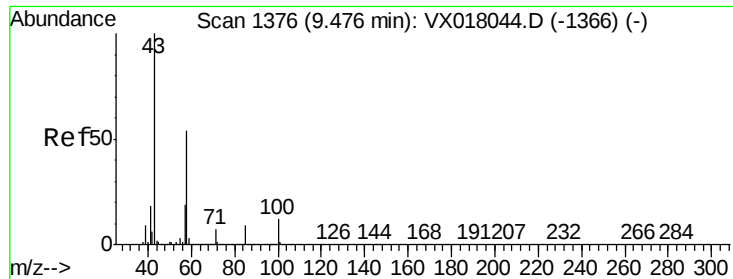
Tgt Ion: 63 Resp: 414754

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1





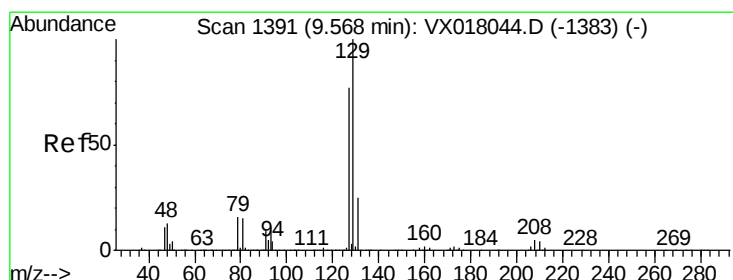
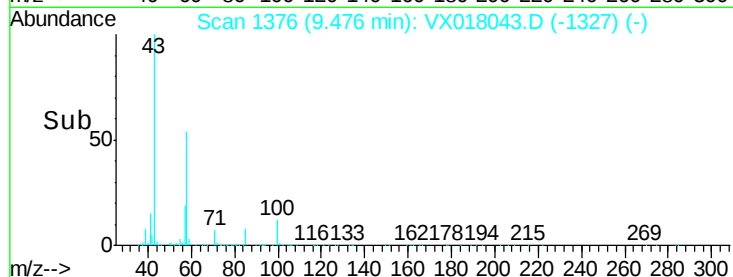
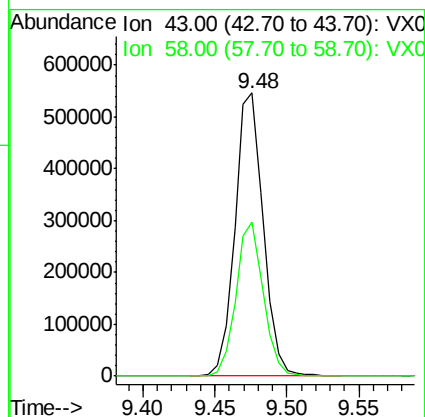
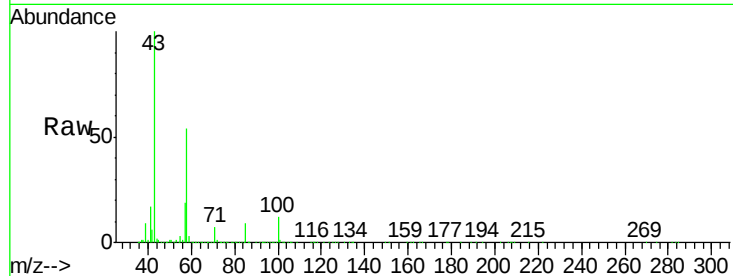
#59
2-Hexanone
Concen: 91.882 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.6	79.7

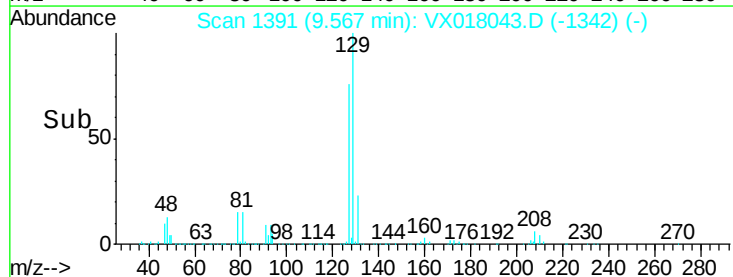
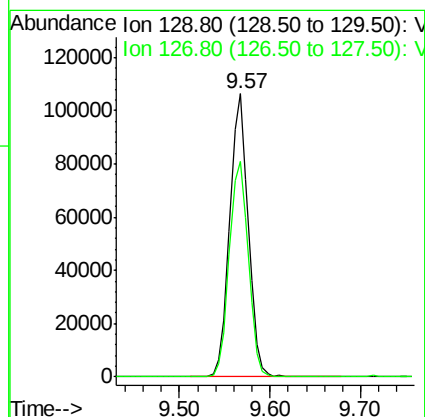
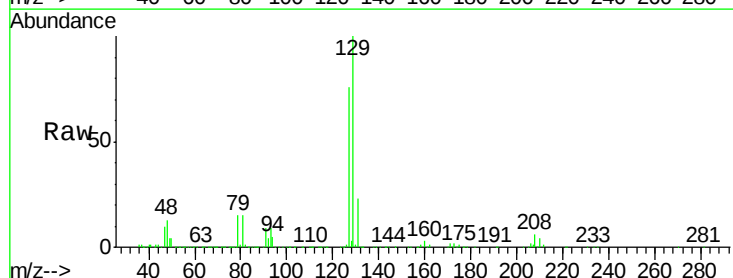
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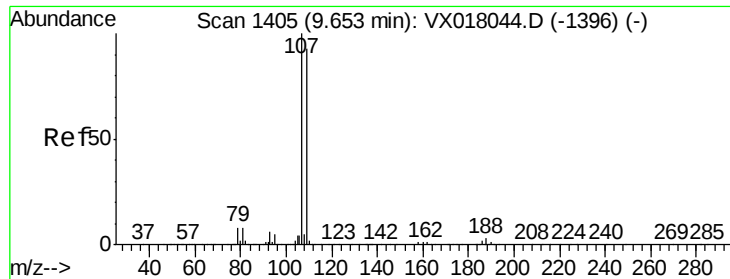
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#60
Dibromochloromethane
Concen: 20.386 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.9	116.6





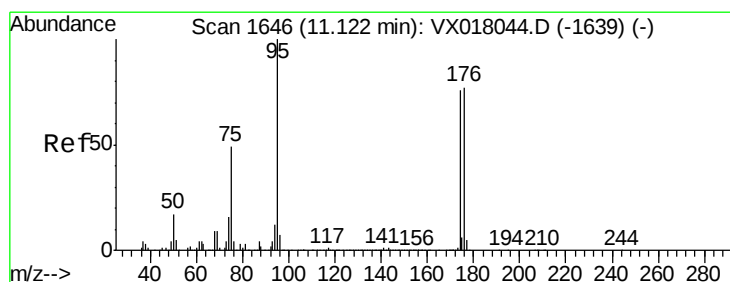
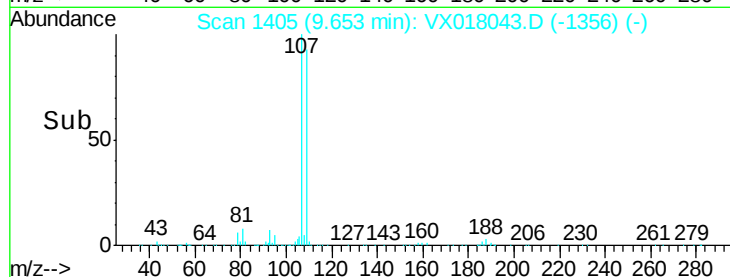
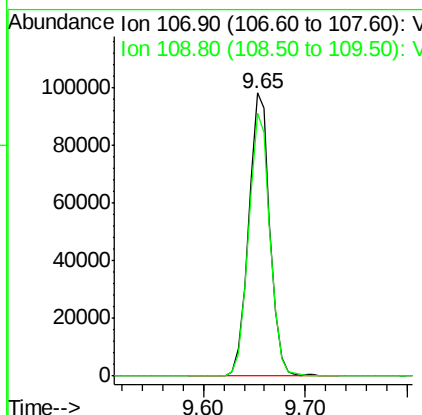
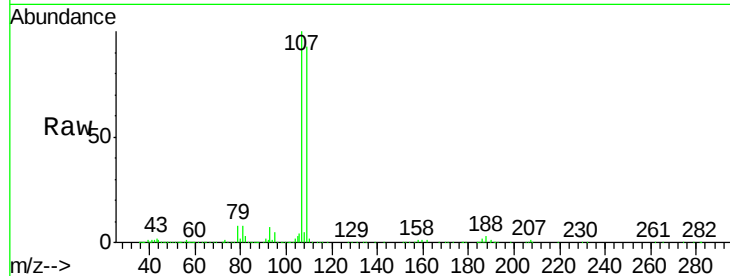
#61
 1,2-Dibromoethane
 Concen: 19.732 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.9	113.9

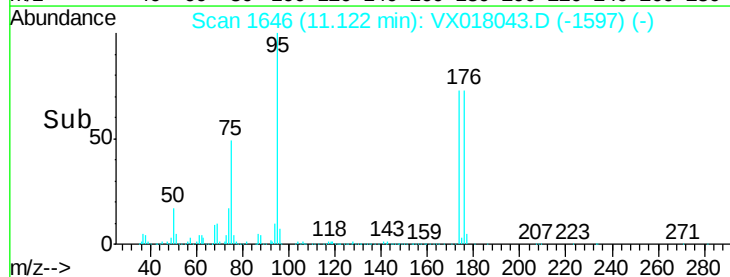
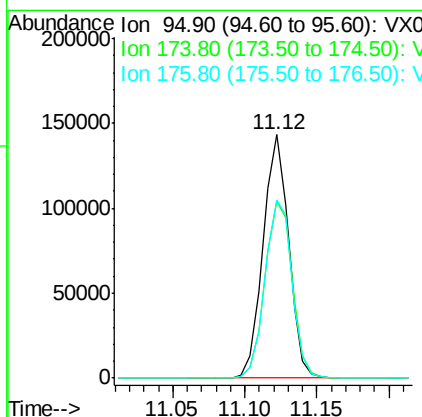
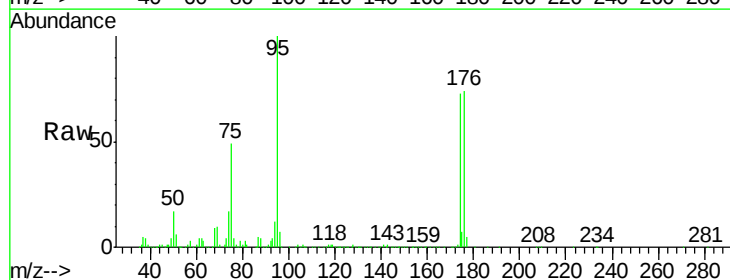
Manual Integrations
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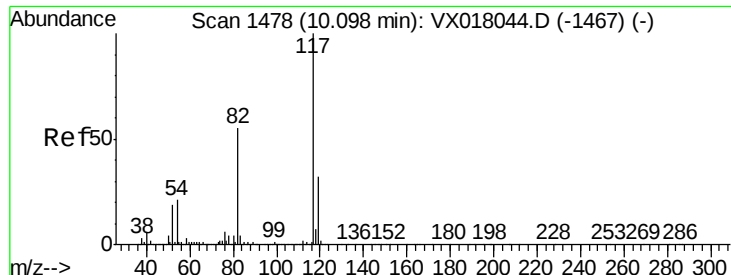
MMDadoda
 8/21/2020 11:23:06 AM



#62
 4-Bromofluorobenzene
 Concen: 19.688 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	160.2
176	77.3	0.0	155.8





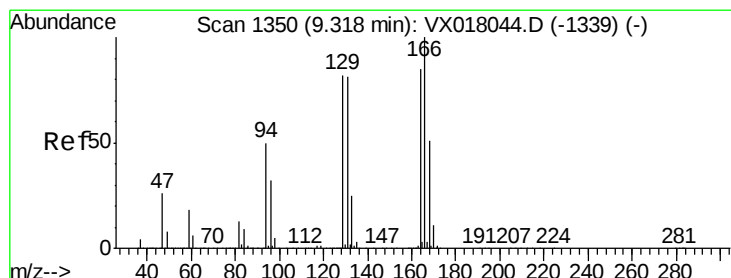
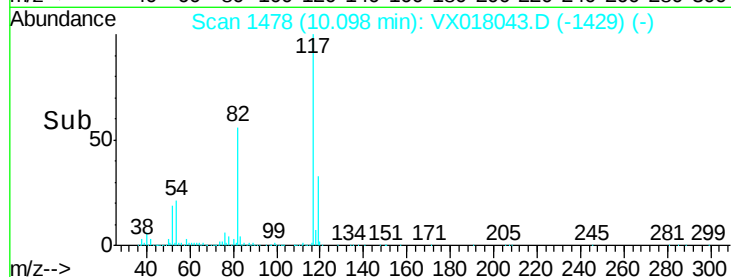
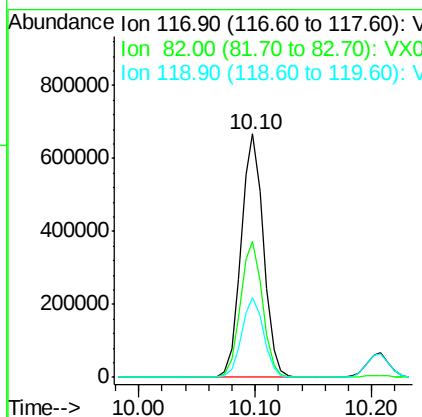
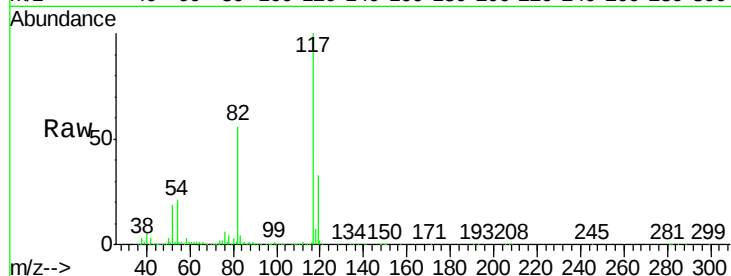
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	893854		
82	55.9	44.2	66.2	
119	32.6	25.7	38.5	

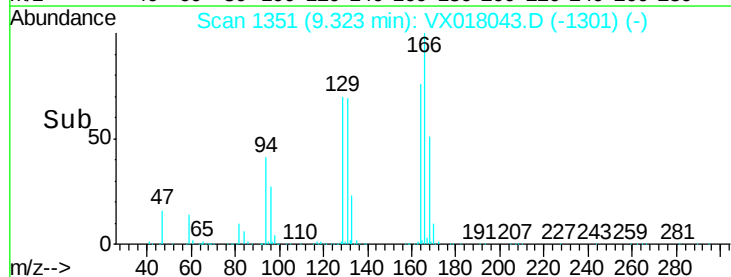
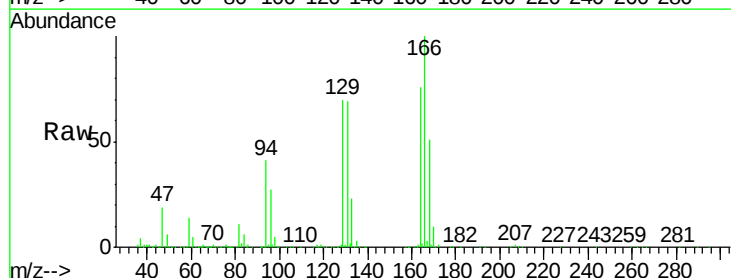
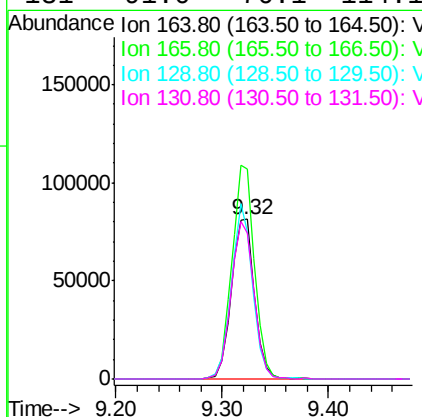
Manual Integrations
APPROVED

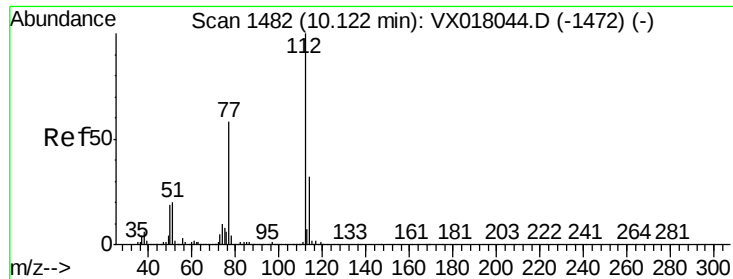
MMDadoda
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#64
Tetrachloroethene
Concen: 12.000 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	123437		
166	131.5	94.2	141.2	
129	92.5	76.9	115.3	
131	91.0	76.1	114.1	





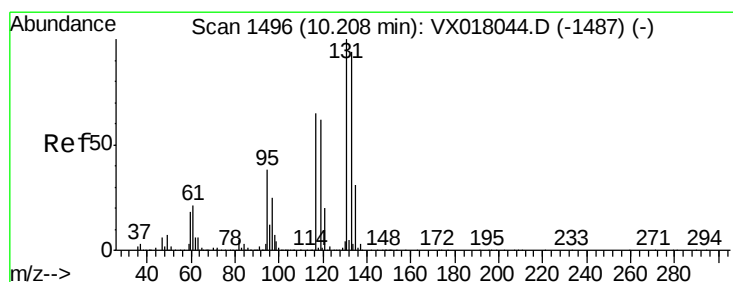
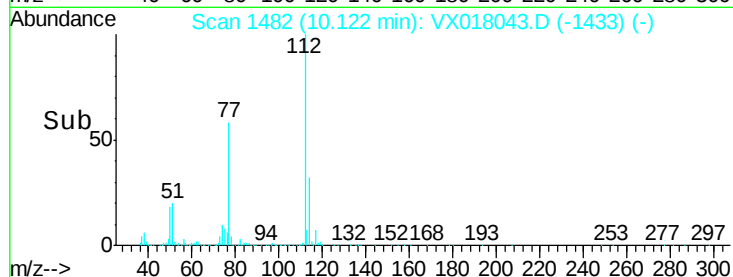
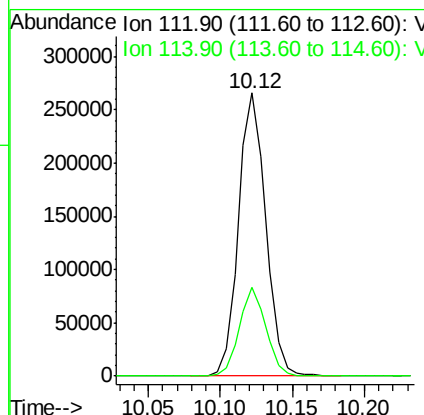
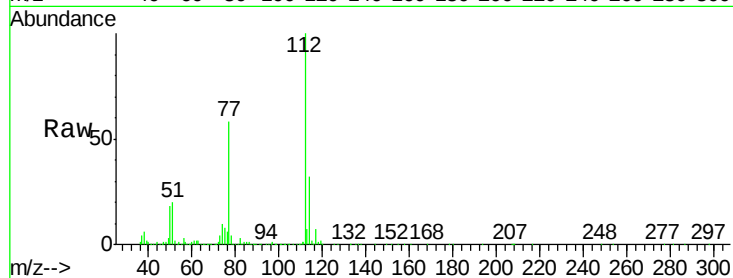
#65
Chlorobenzene
Concen: 18.829 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.7	38.5

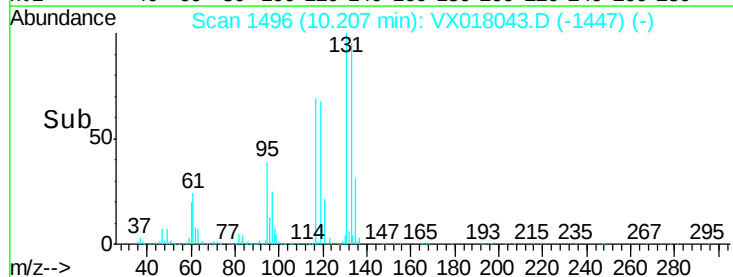
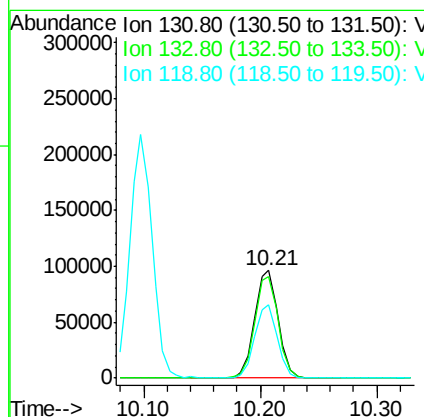
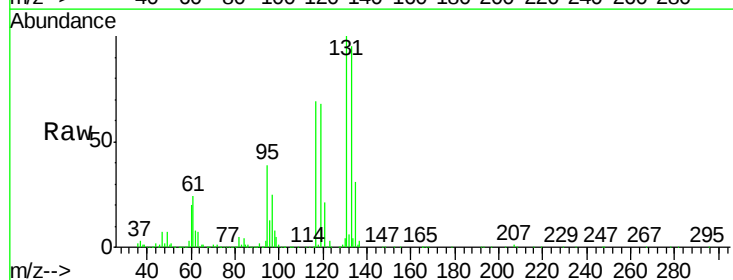
Manual Integrations
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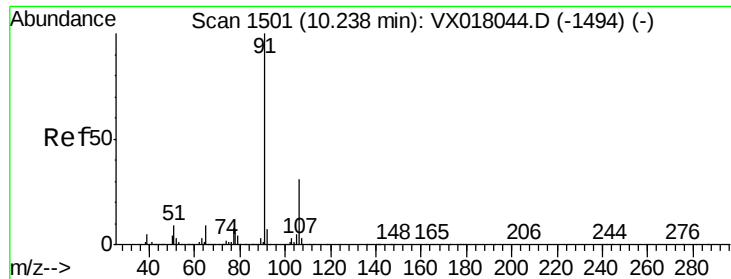
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.391 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	46.7	140.1
119	66.6	31.8	95.4





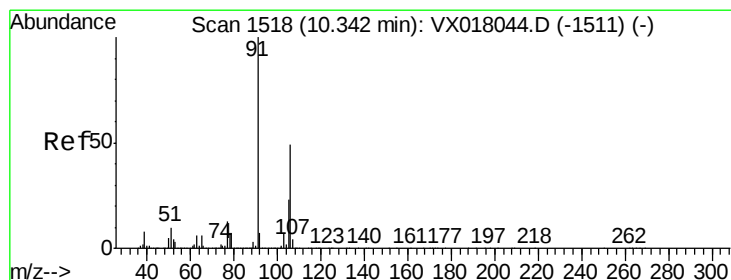
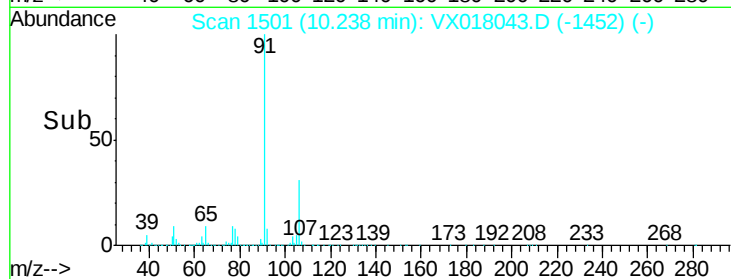
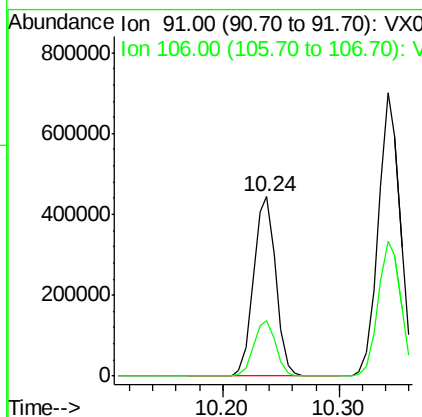
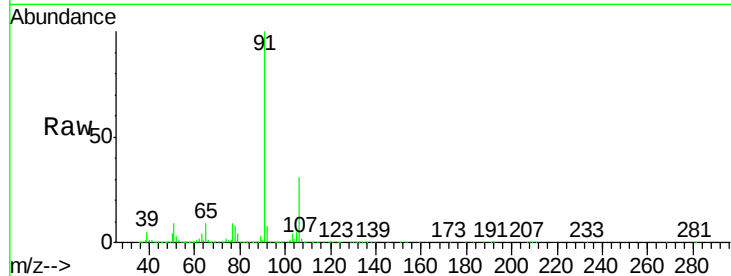
#67
Ethyl Benzene
Concen: 17.865 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 91 Resp: 590540
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

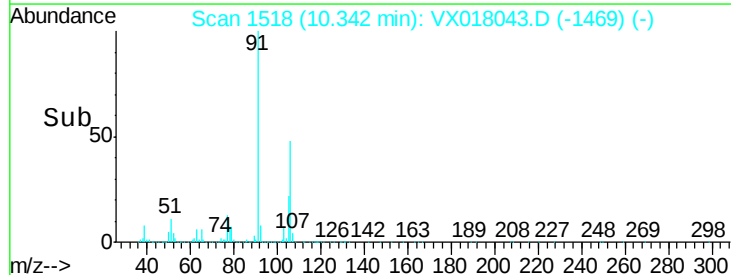
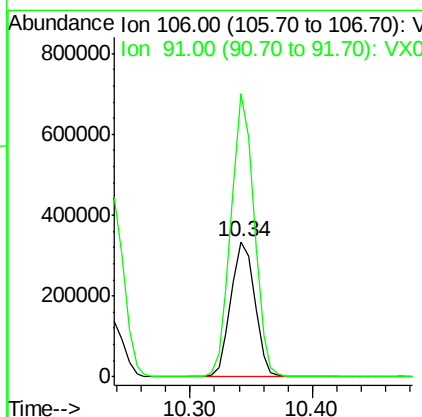
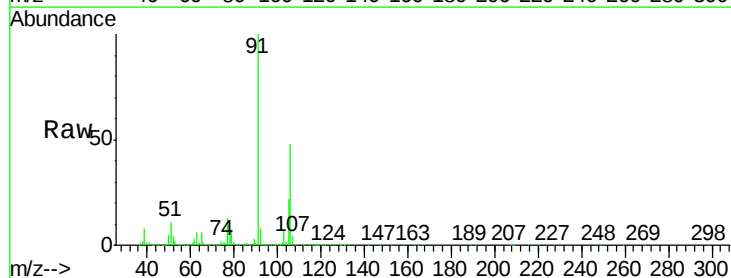
Manual Integrations
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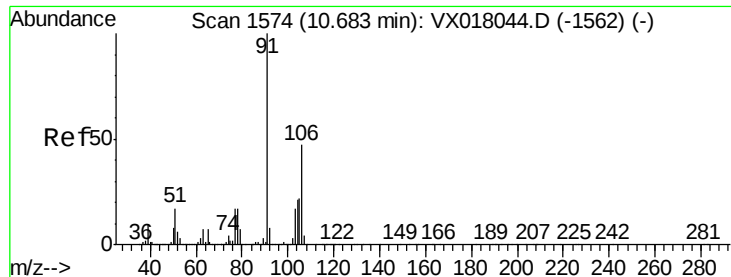
MMDadoda
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#68
m/p-Xylenes
Concen: 36.489 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion: 106 Resp: 452049
Ion Ratio Lower Upper
106 100
91 202.5 162.2 243.2





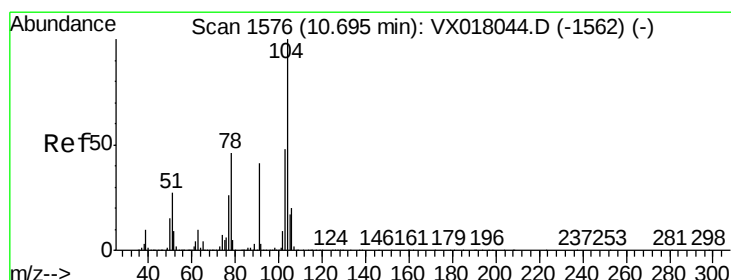
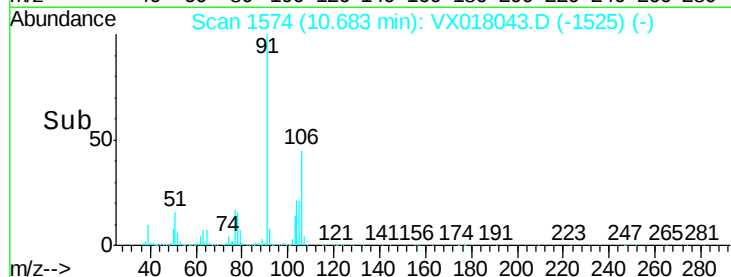
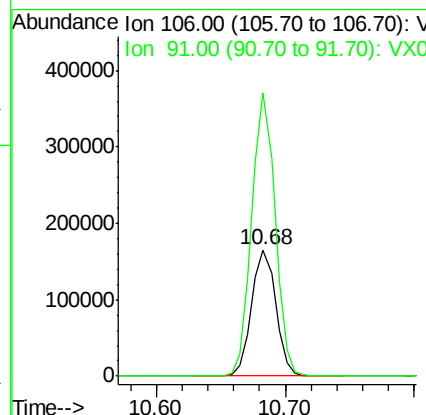
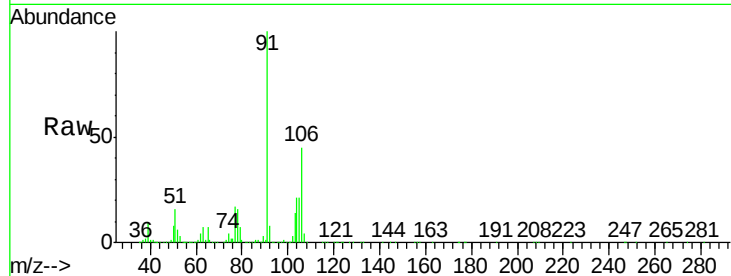
#69
o-Xylene
Concen: 18.044 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.7	107.1	321.3

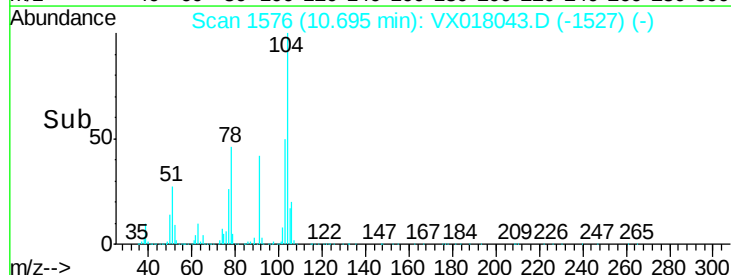
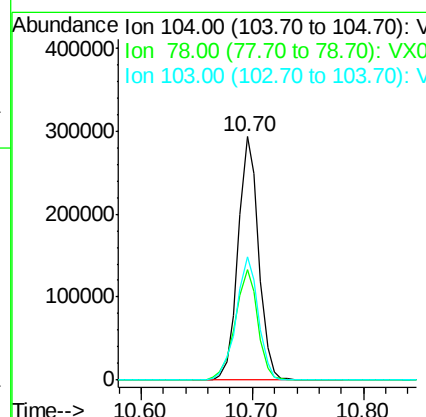
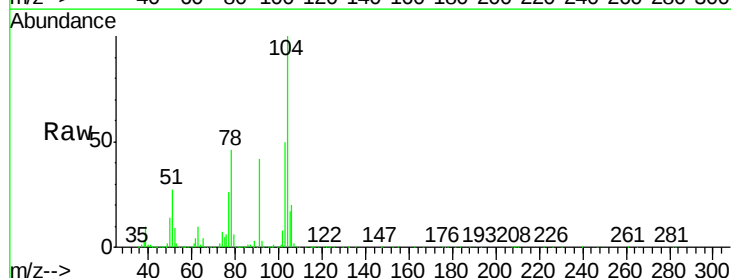
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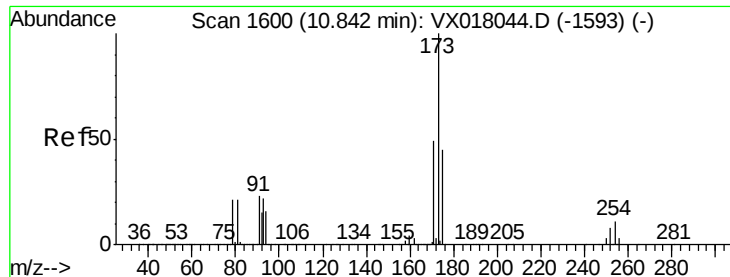
MMDadoda
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#70
Styrene
Concen: 18.428 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.5	40.9	61.3
103	54.9	43.6	65.4





#71

Bromoform

Concen: 20.087 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:173 Resp: 114304

Ion Ratio Lower Upper

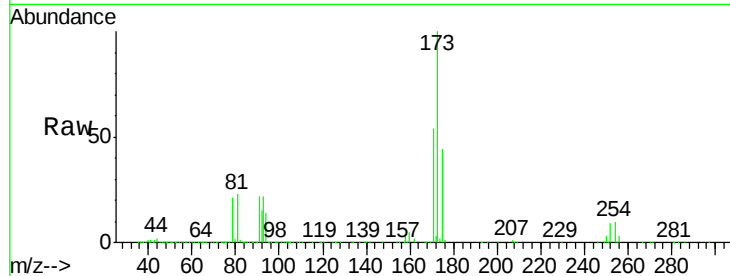
173 100

175 47.5 23.9 71.8

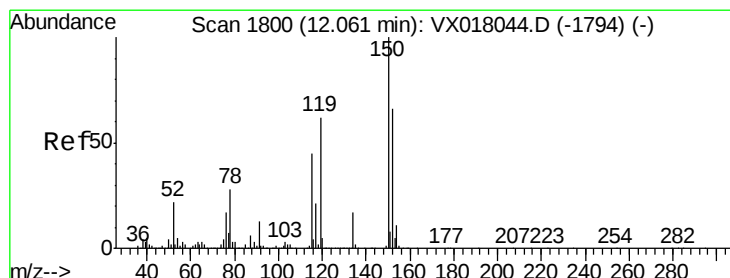
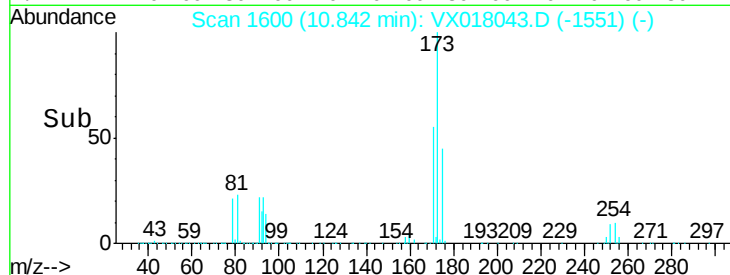
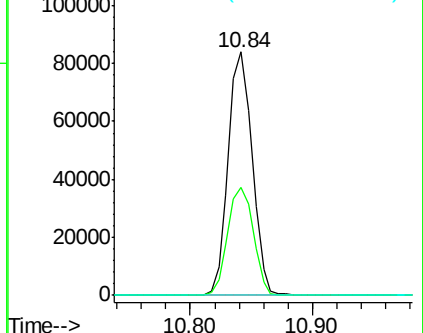
254 0.1 0.2 0.2#

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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: VX018043.D

Acq: 20 Aug 2020 19:45

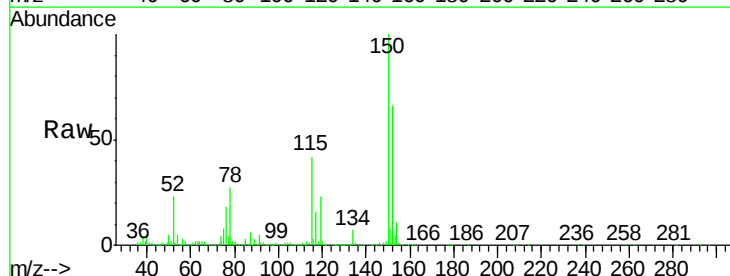
Tgt Ion:152 Resp: 448630

Ion Ratio Lower Upper

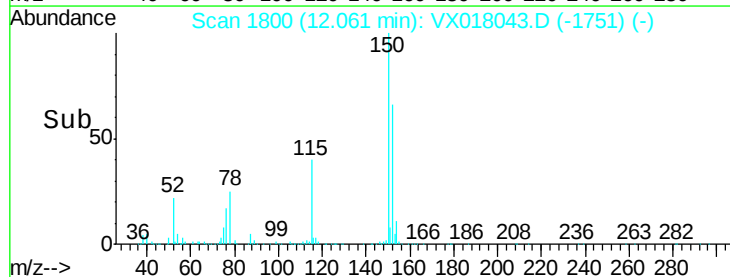
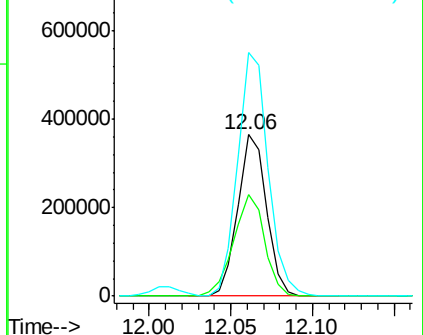
152 100

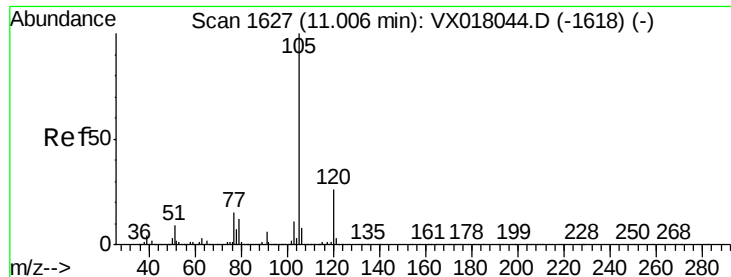
115 68.0 41.5 124.5

150 160.6 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: 17.734 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 573274

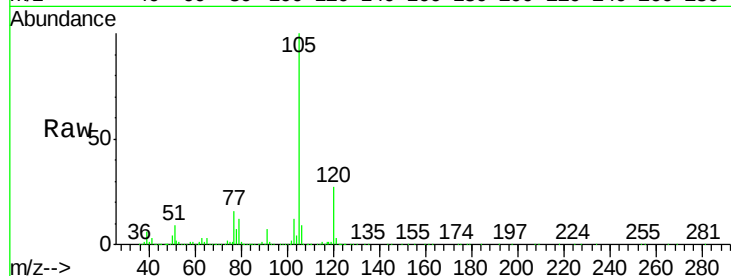
Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

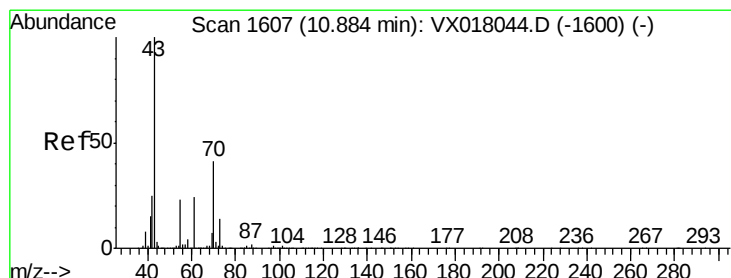
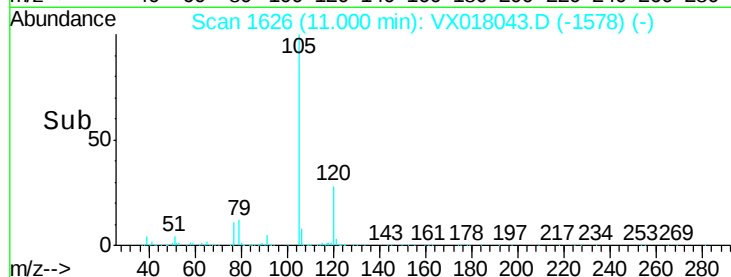
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 17.683 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion: 43 Resp: 268342

Ion Ratio Lower Upper

43 100

70 40.5 32.3 48.5

55 23.7 18.2 27.2

61 22.7 18.9 28.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

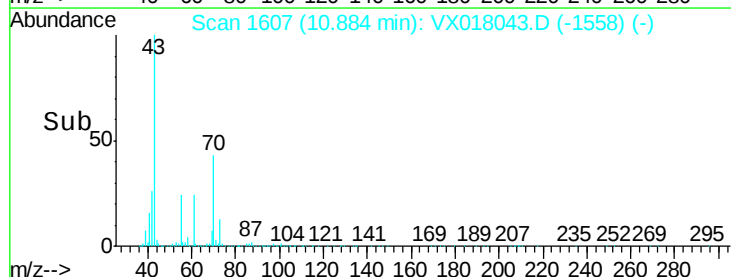
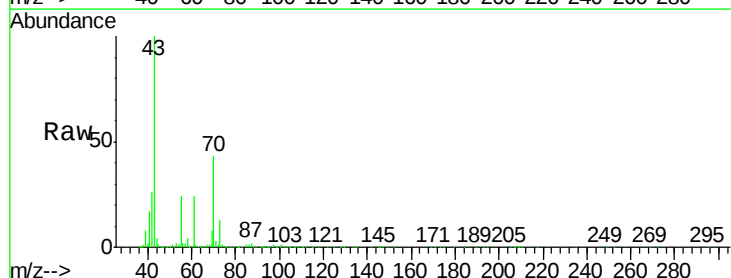
10.88

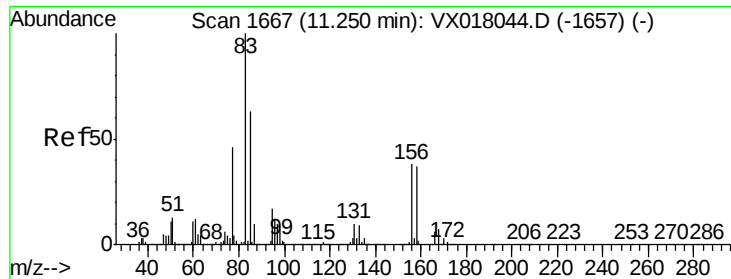
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 30.948 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 197472

Ion Ratio Lower Upper

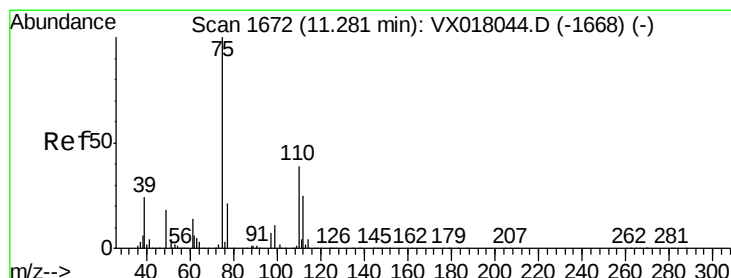
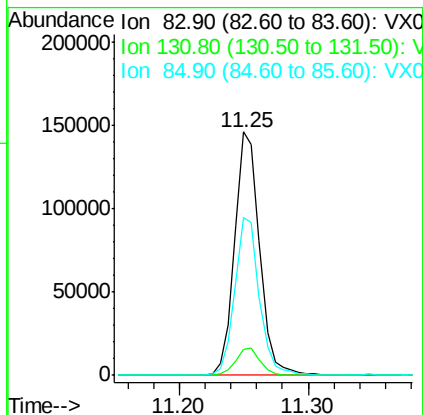
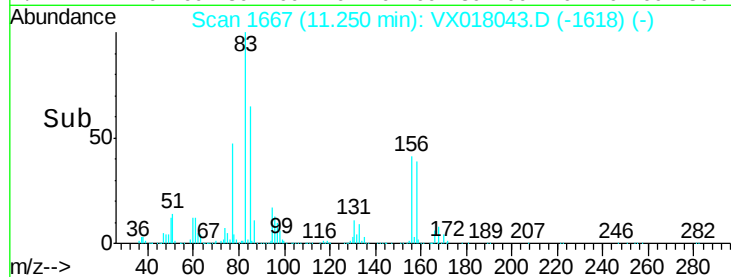
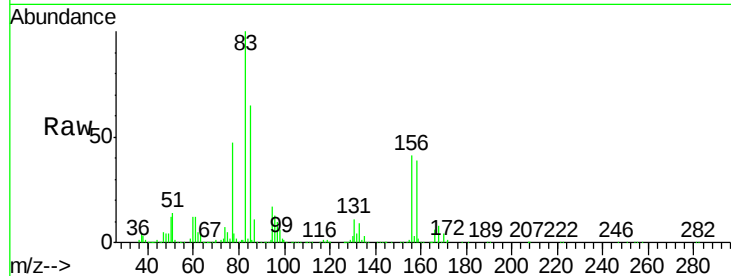
83 100

131 11.1 5.1 15.4

85 63.8 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.532 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018043.D

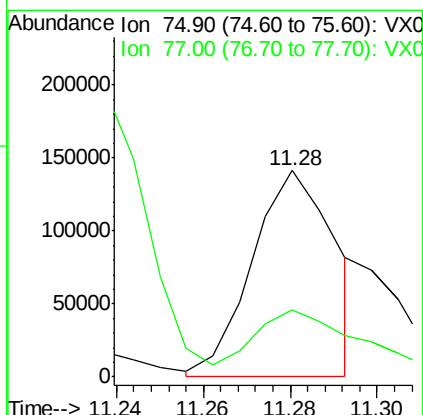
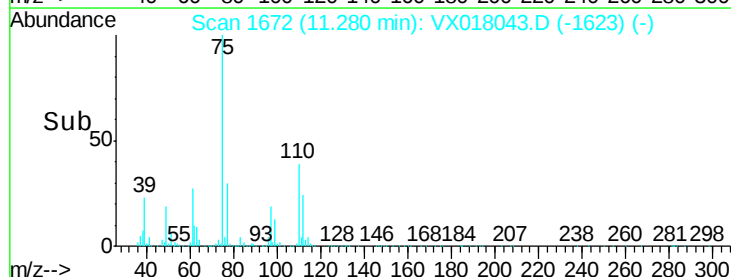
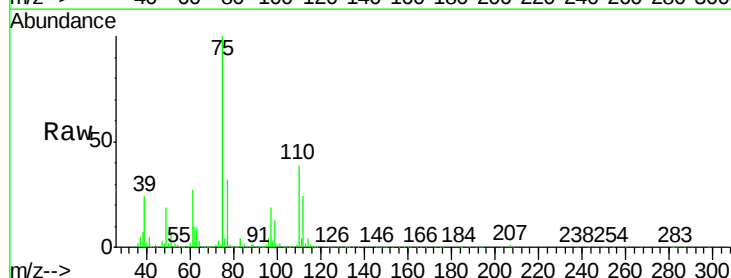
Acq: 20 Aug 2020 19:45

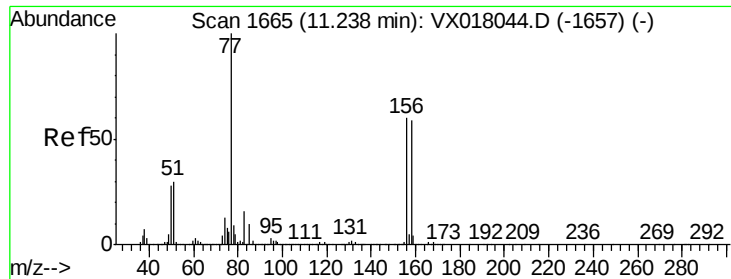
Tgt Ion: 75 Resp: 187388

Ion Ratio Lower Upper

75 100

77 42.5 20.8 62.2





#77

Bromobenzene

Concen: 18.799 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

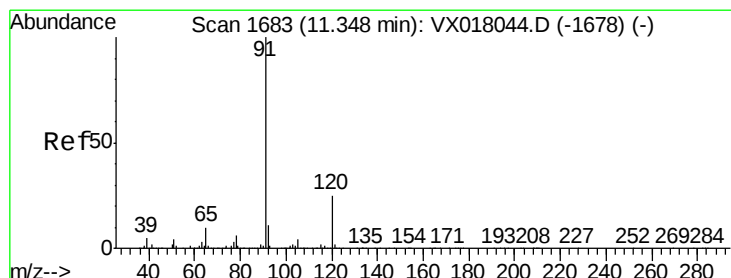
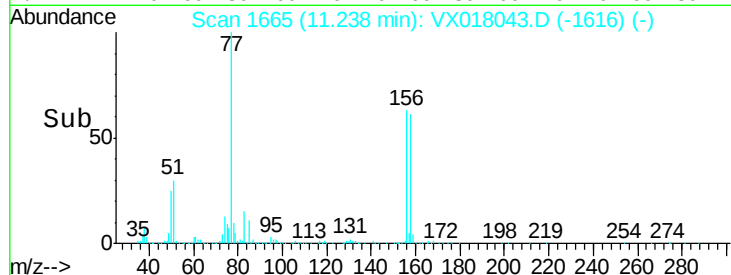
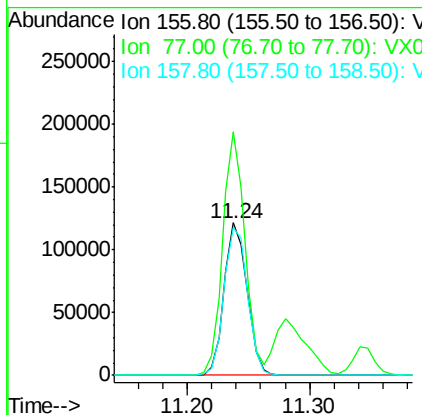
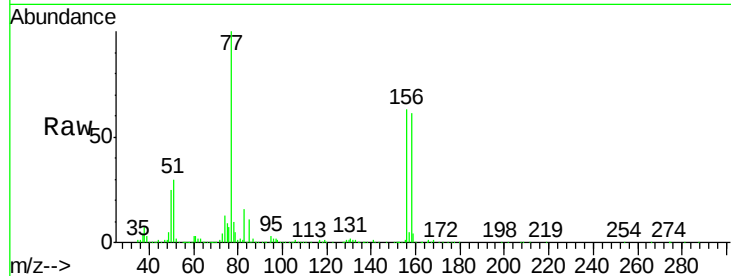
ClientSampled :

VSTDIC020

Tot Ion:	156	Resp:	158004
Ion Ratio	Lower	Upper	
156	100		
77	154.2	80.0	240.2
158	99.1	49.5	148.7

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#78

n-propylbenzene

Concen: 17.542 ug/l

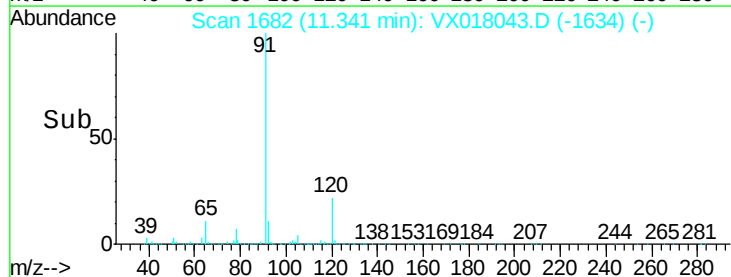
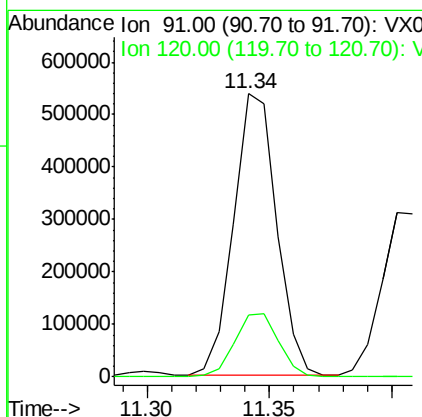
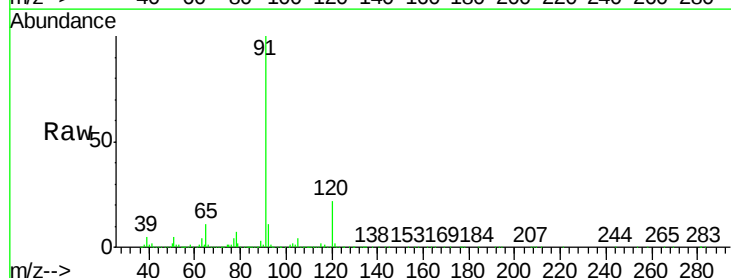
RT: 11.34 min Scan# 1682

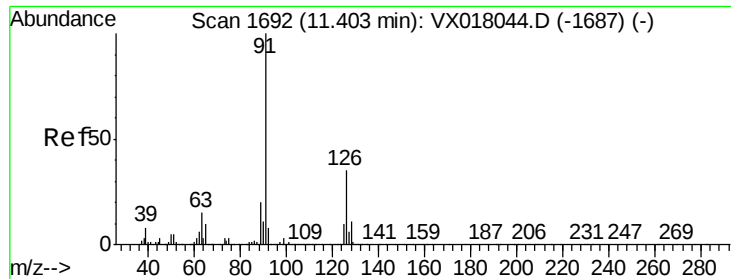
Delta R.T. -0.01 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	91	Resp:	658133
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.9	35.9





#79

2-Chlorotoluene

Concen: 18.256 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 407637

Ion Ratio Lower Upper

91 100

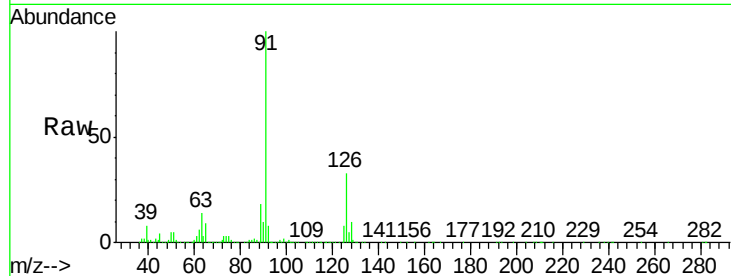
126 34.6 17.4 52.2

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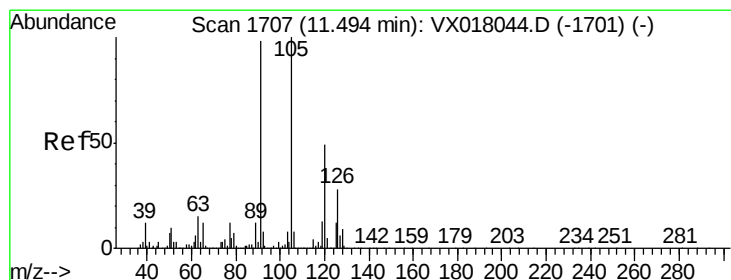
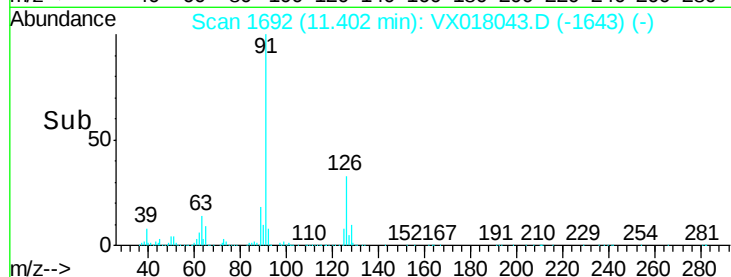
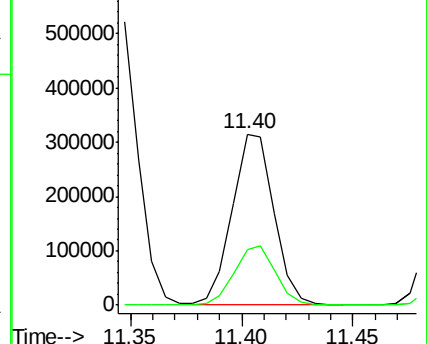
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Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.660 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018043.D

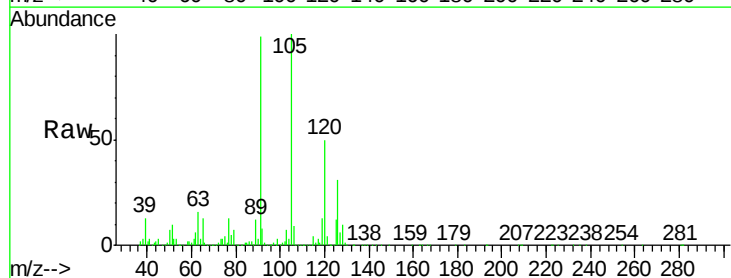
Acq: 20 Aug 2020 19:45

Tgt Ion: 105 Resp: 482212

Ion Ratio Lower Upper

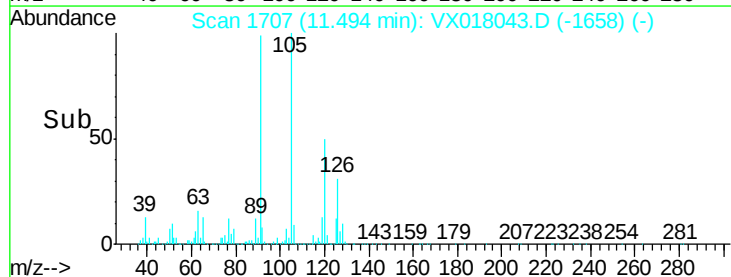
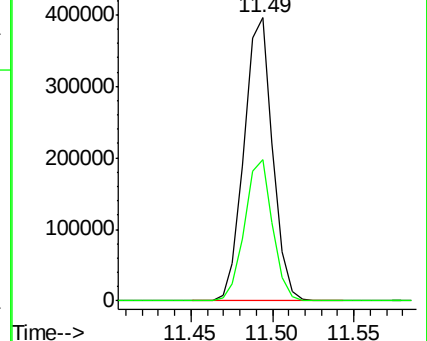
105 100

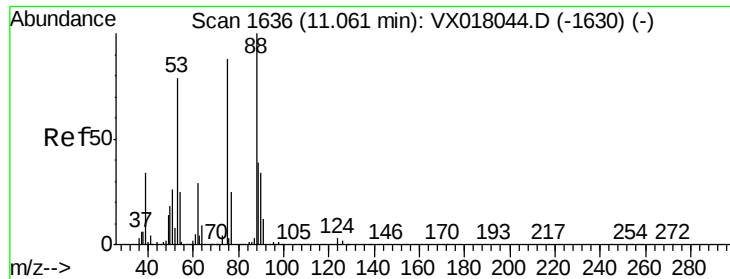
120 48.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)





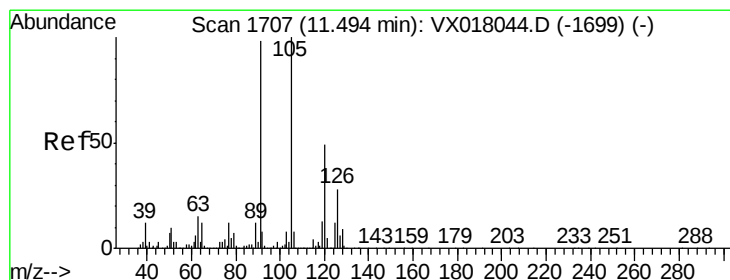
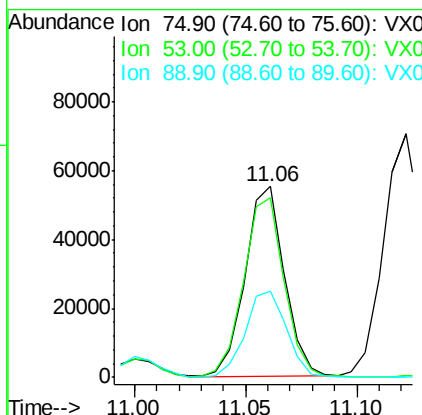
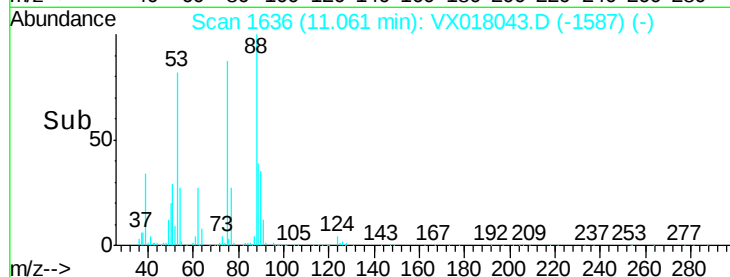
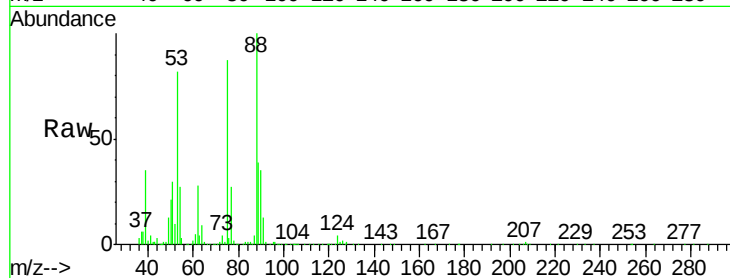
#81
trans-1,4-Dichloro-2-butene
Concen: 16.262 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	74.7	112.1
89	47.2	36.6	54.8

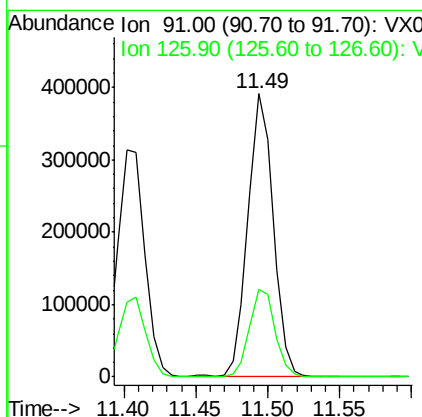
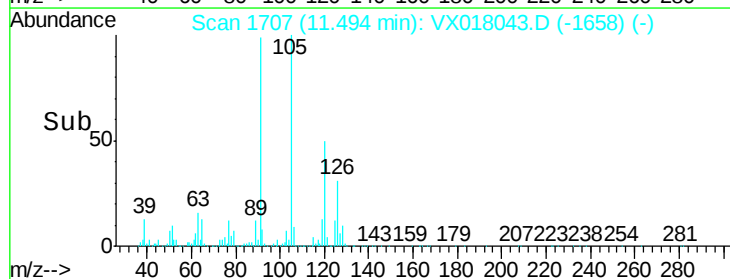
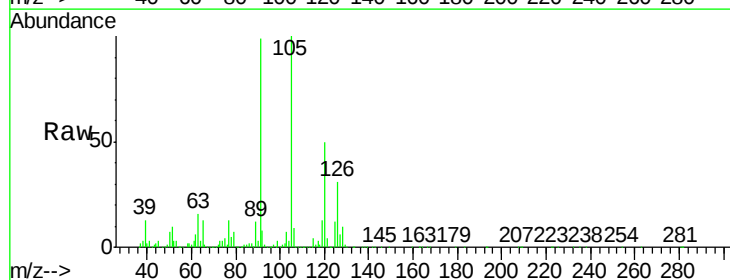
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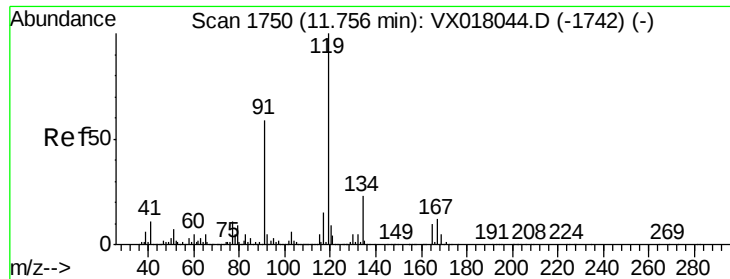
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#82
4-Chlorotoluene
Concen: 18.042 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.1	45.3





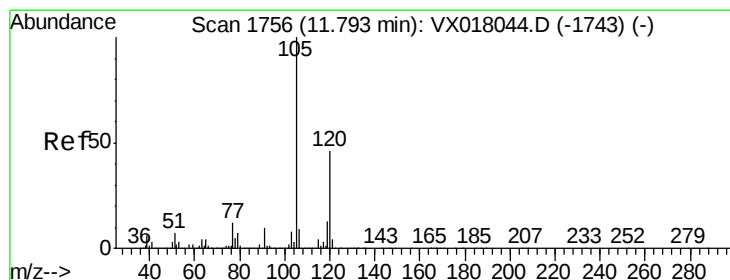
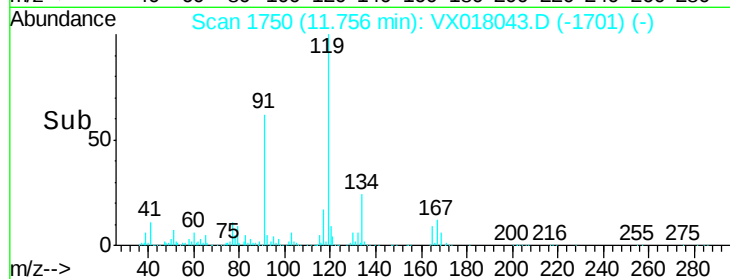
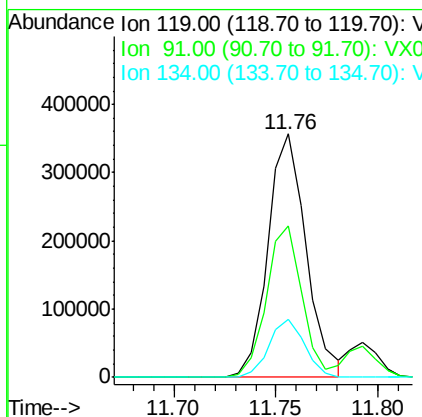
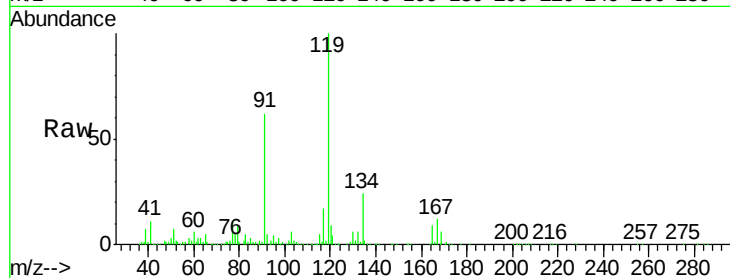
#83
tert-Butylbenzene
Concen: 19.418 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	466067		
91	57.5	28.2	84.7	
134	22.3	11.3	33.8	

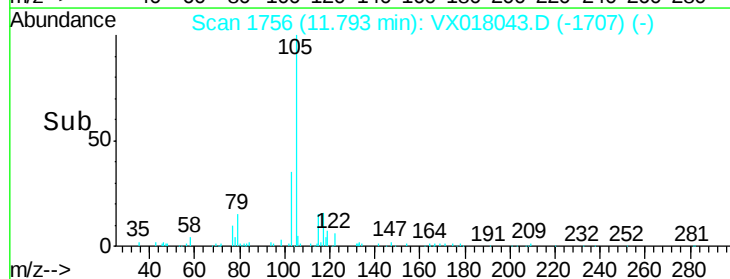
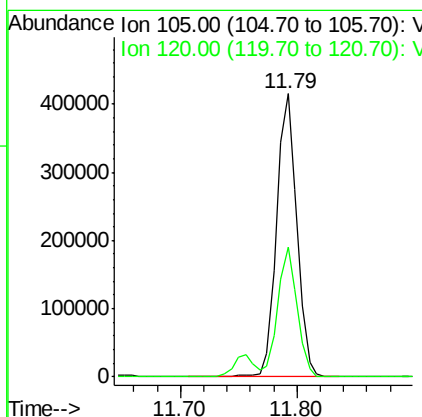
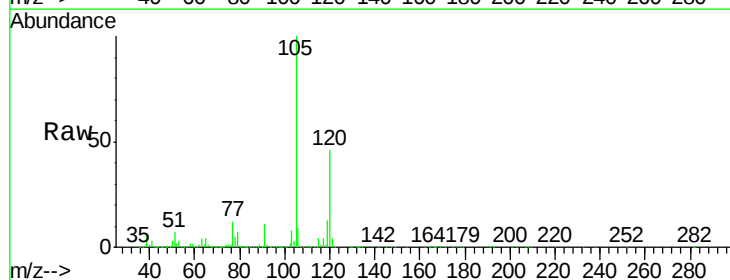
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#84
1,2,4-Trimethylbenzene
Concen: 18.135 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	501107		
120	43.9	22.3	66.9	





#85

sec-Butylbenzene

Concen: 16.765 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 529195

Ion Ratio Lower Upper

105 100

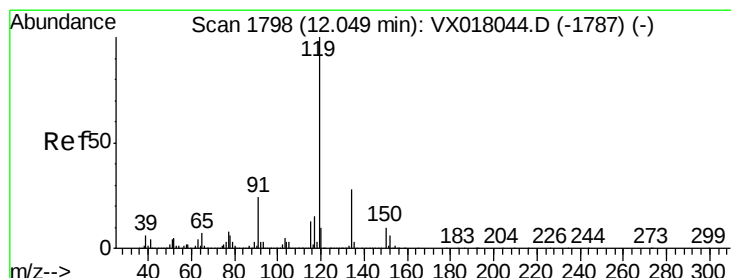
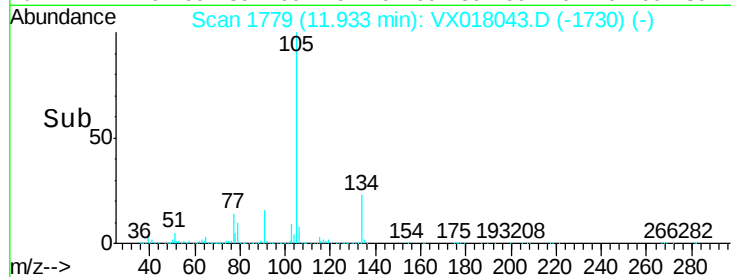
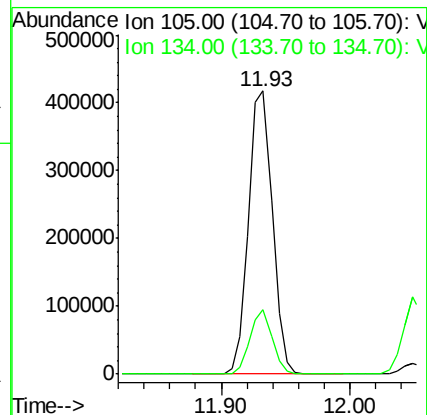
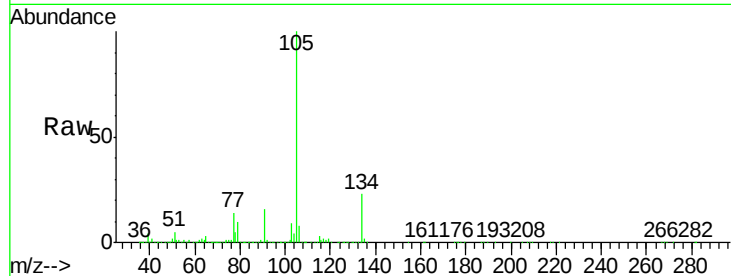
134 21.1 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 17.037 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

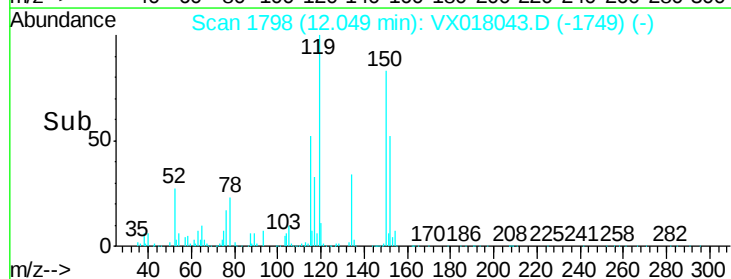
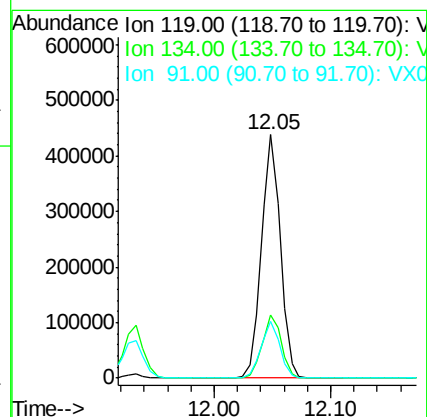
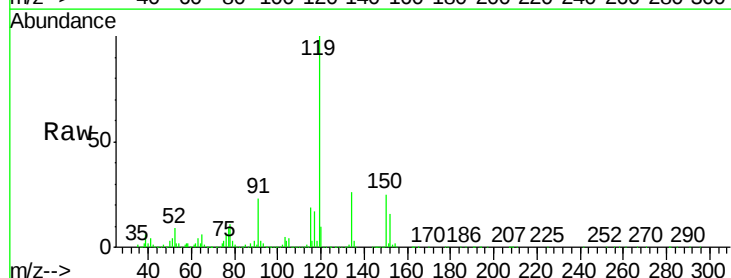
Tgt Ion:119 Resp: 499223

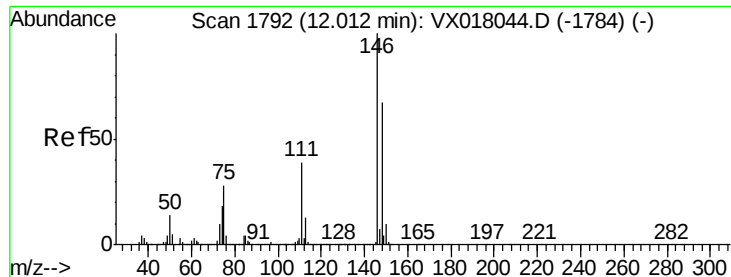
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.0 11.8 35.4





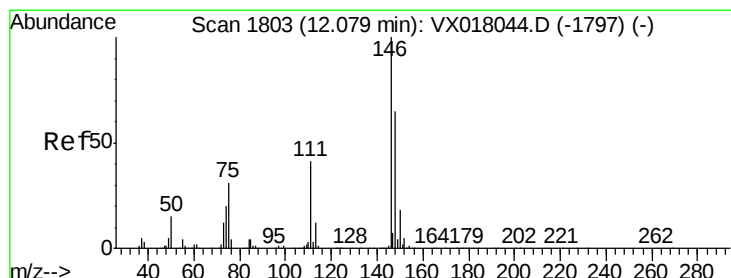
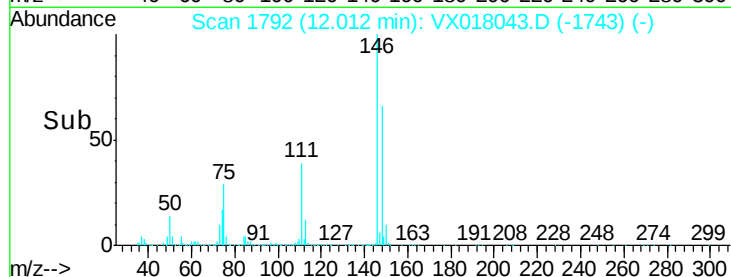
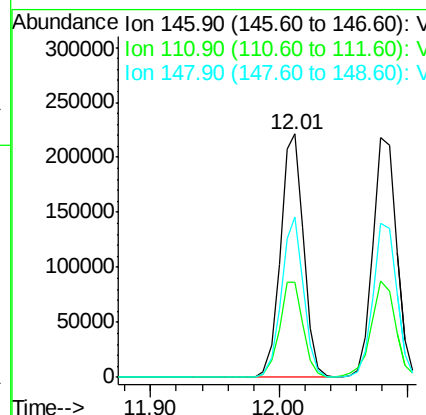
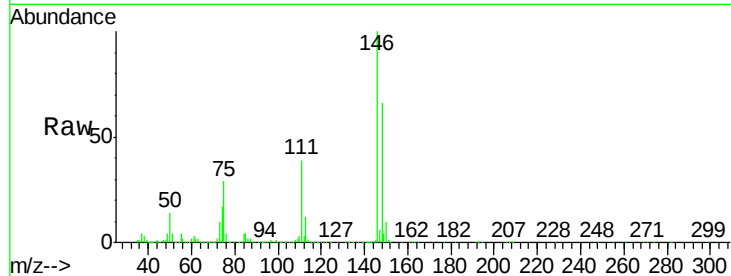
#87
 1,3-Dichlorobenzene
 Concen: 18.457 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.8
148	63.3	33.1	99.2

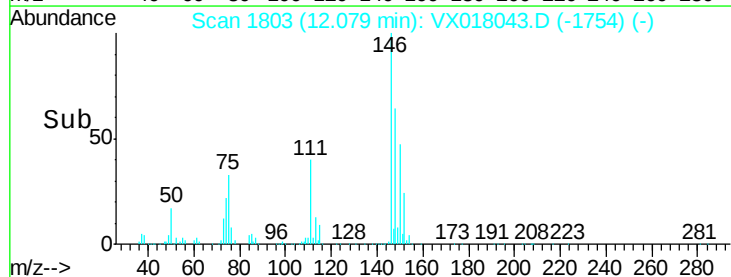
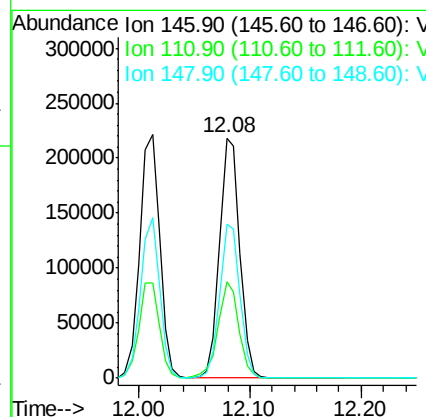
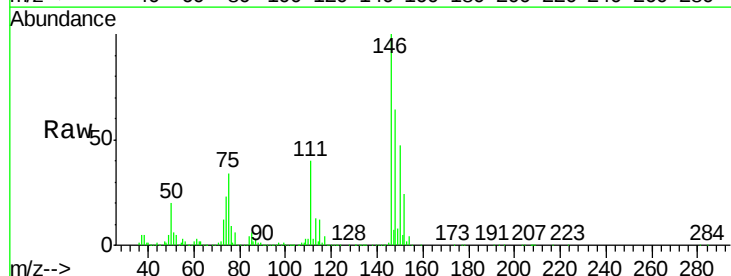
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#88
 1,4-Dichlorobenzene
 Concen: 18.042 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	64.1	33.1	99.2





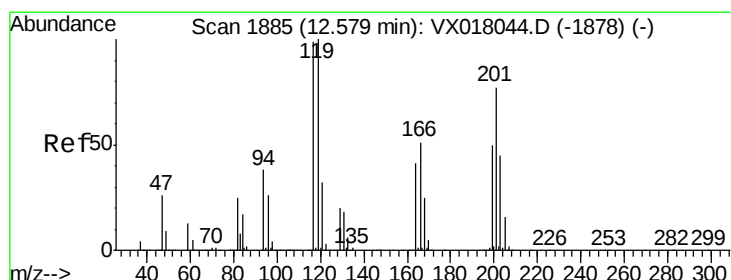
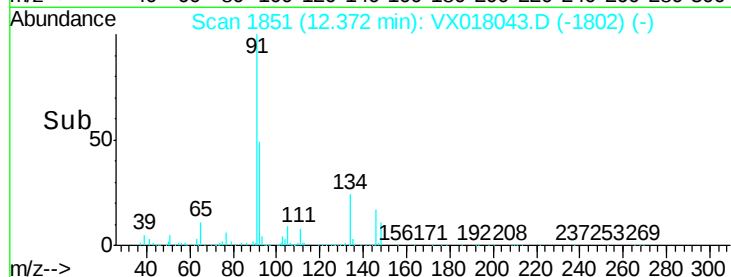
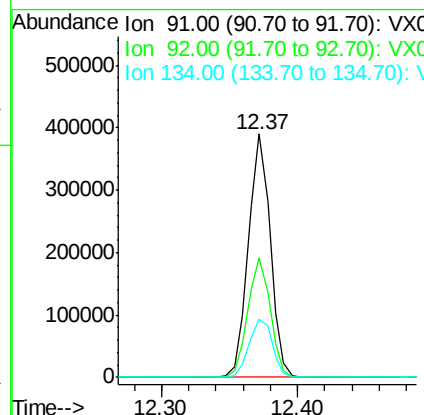
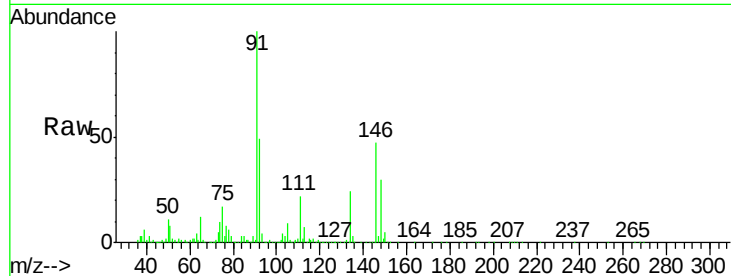
#89
n-Butylbenzene
Concen: 16.430 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.4	79.2
134	25.6	12.9	38.7

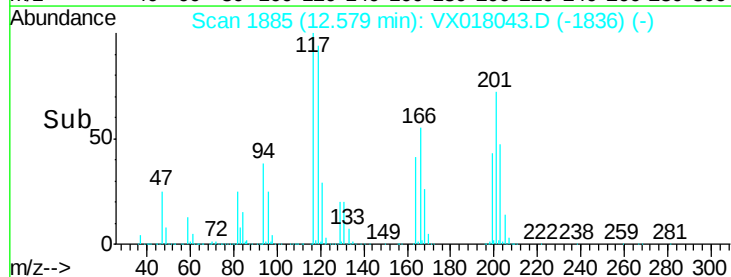
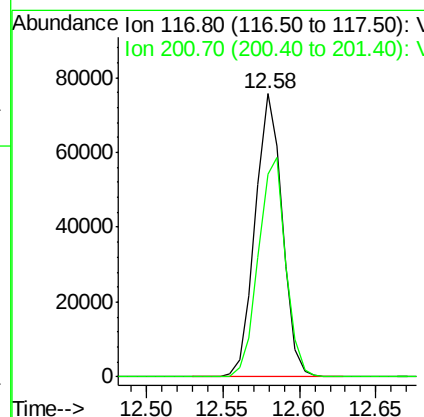
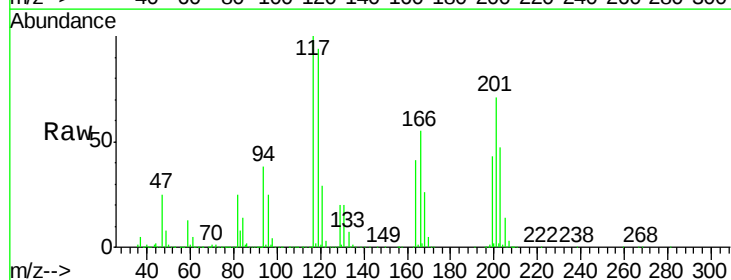
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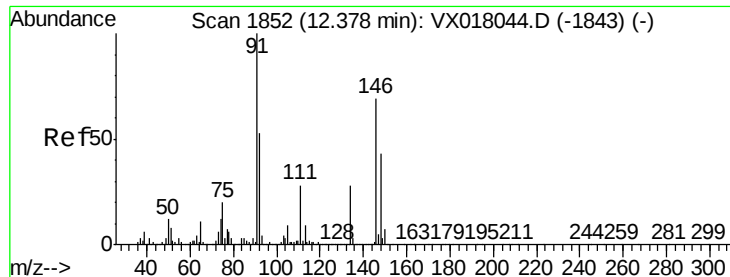
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#90
Hexachloroethane
Concen: 18.354 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 17.843 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

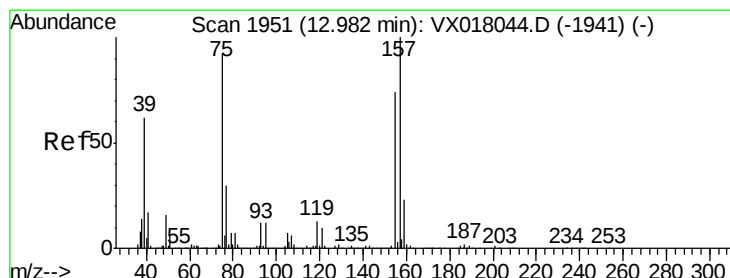
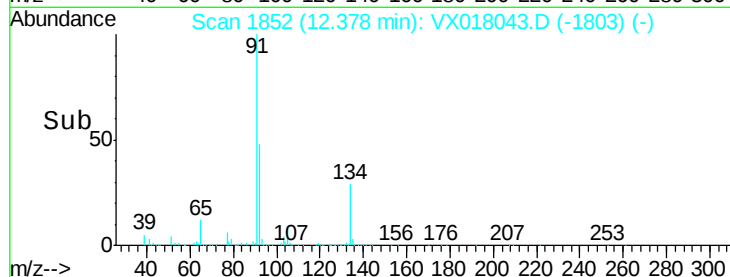
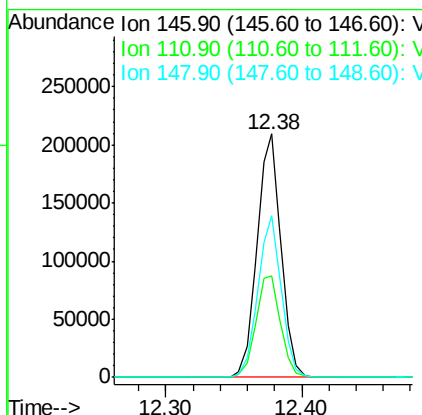
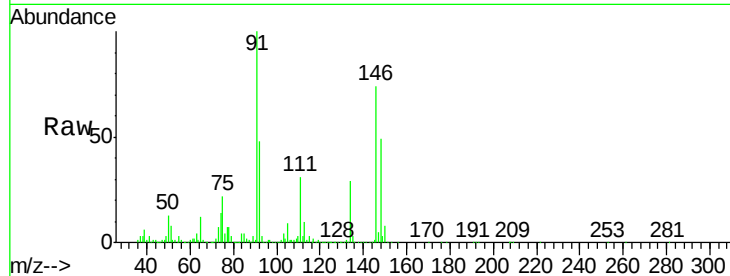
ClientSampled :

VSTDIC020

Tot Ion:	146	Resp:	258972
Ion Ratio	Lower	Upper	
146	100		
111	42.9	20.8	62.5
148	65.1	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.904 ug/l

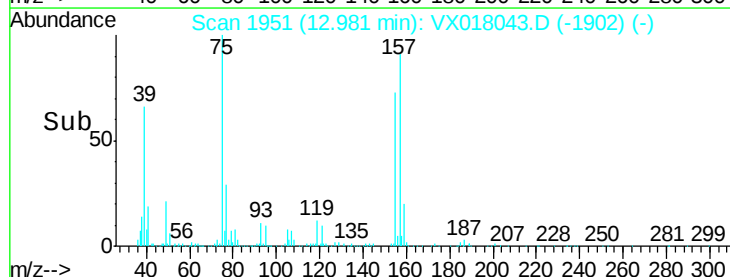
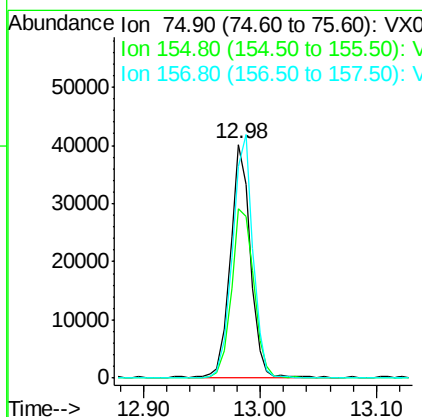
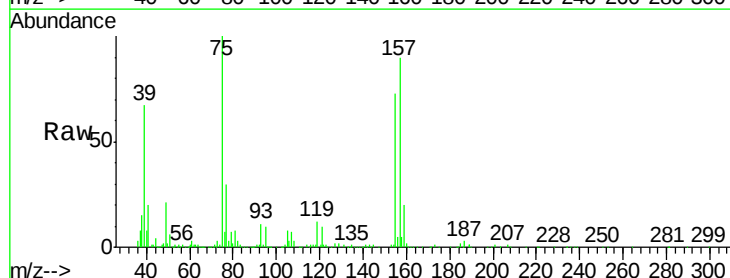
RT: 12.98 min Scan# 1951

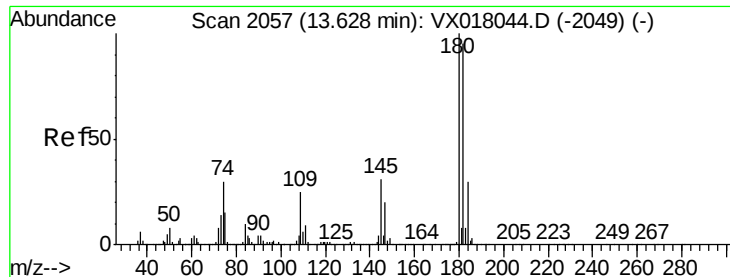
Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	75	Resp:	47795
Ion Ratio	Lower	Upper	
75	100		
155	81.7	40.2	120.6
157	106.6	55.0	165.2





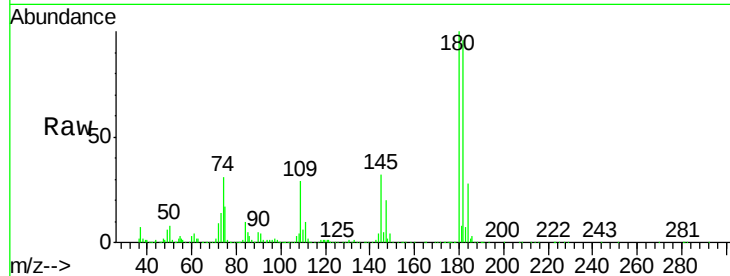
#93
1,2,4-Trichlorobenzene
Concen: 15.659 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

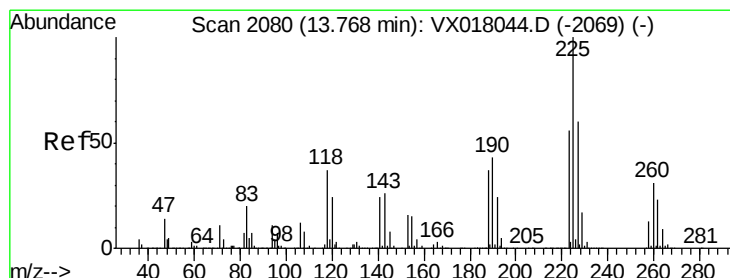
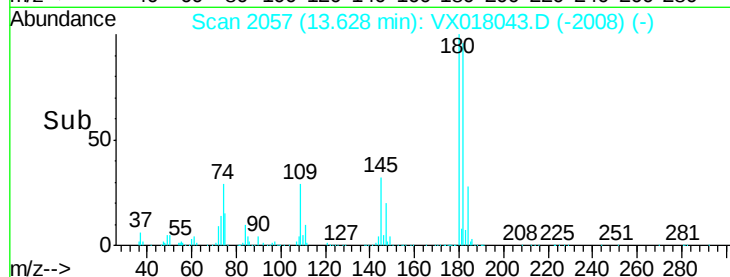
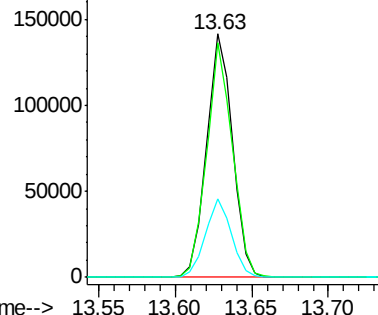
Tot Ion	Ratio	Resp	Lower	Upper
180	100	166038		
182	95.9	47.5	142.6	
145	32.2	15.7	47.1	

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MMDadoda
8/21/2020 11:23:06 AM

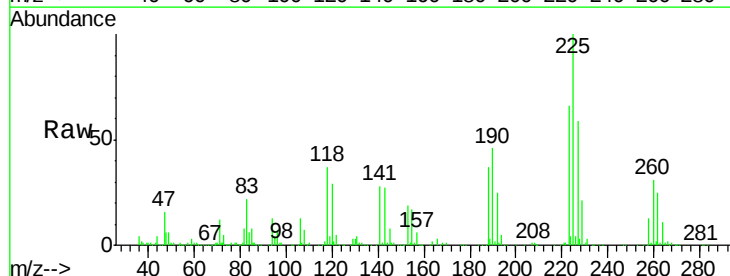


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

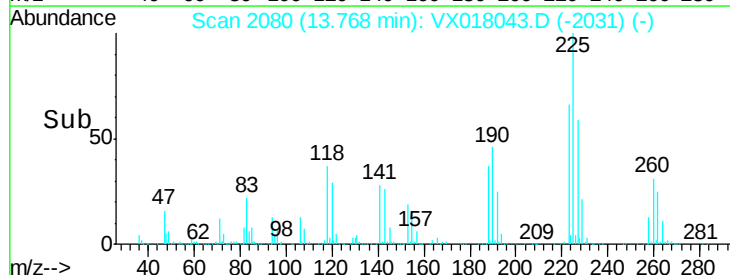
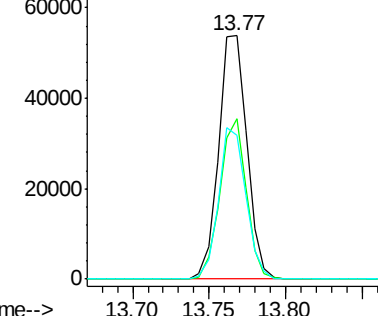


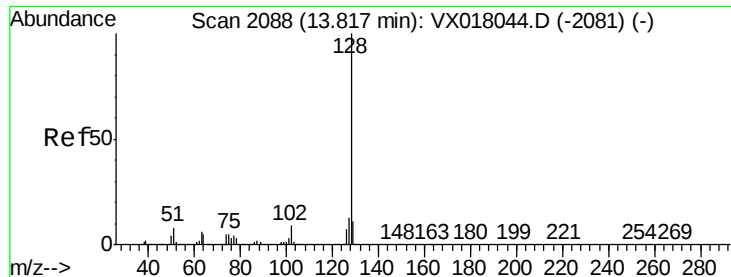
#94
Hexachlorobutadiene
Concen: 14.388 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68964		
223	61.7	30.7	92.1	
227	59.9	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: 16.685 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

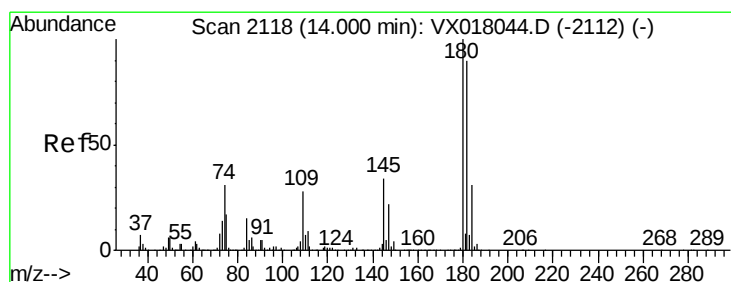
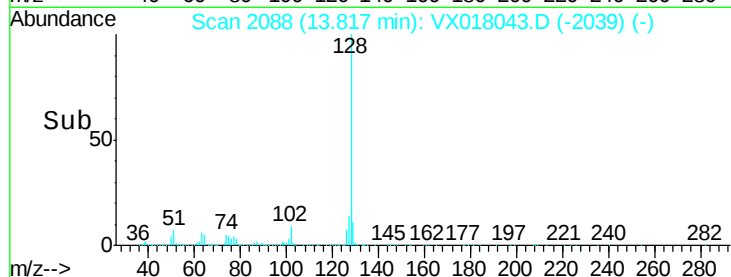
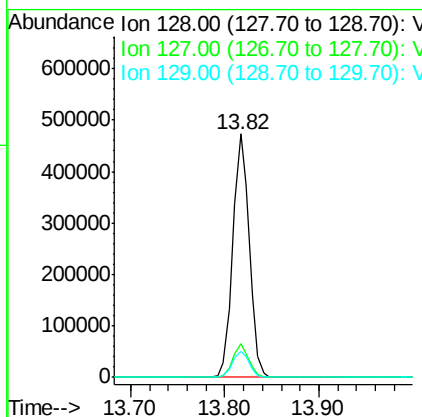
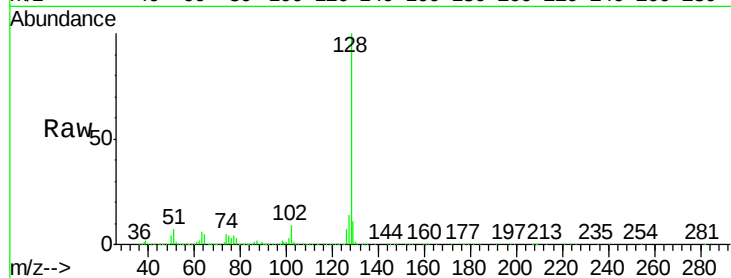
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	573040
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/21/2020 11:23:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.029 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion:	180	Resp:	165083
Ion Ratio	Lower	Upper	
180	100		
182	99.8	47.3	142.0
145	35.1	17.5	52.6

