

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017981.D
 Acq On : 19 Aug 2020 13:47
 Operator : JC/SP
 Sample : VX0819WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:16:49 AM

Quant Time: Aug 19 15:47:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	461445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	705370	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	678256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	361526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	299123	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
35) Dibromofluoromethane	5.46	113	235771	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	8.70	98	831456	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
62) 4-Bromofluorobenzene	11.12	95	327070	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126481	18.769	ug/l	93
3) Chloromethane	1.31	50	108835	17.246	ug/l	95
4) Vinyl Chloride	1.39	62	108320	18.089	ug/l	96
5) Bromomethane	1.63	94	76061	21.538	ug/l	97
6) Chloroethane	1.72	64	60649	17.525	ug/l	96
7) Trichlorofluoromethane	1.92	101	172520	17.854	ug/l	96
8) Diethyl Ether	2.17	74	47339	16.809	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77435	17.038	ug/l	98
10) Methyl Iodide	2.49	142	63762	10.880	ug/l	98
11) Tert butyl alcohol	3.02	59	96987	74.260	ug/l	98
12) 1,1-Dichloroethene	2.36	96	68282	16.417	ug/l	92
13) Acrolein	2.28	56	61019	88.445	ug/l	97
14) Allyl chloride	2.71	41	124306	16.757	ug/l	100
15) Acrylonitrile	3.12	53	239969	84.134	ug/l	100
16) Acetone	2.42	43	210476	79.090	ug/l	100
17) Carbon Disulfide	2.55	76	169514	16.798	ug/l	99
18) Methyl Acetate	2.75	43	115915	17.310	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	279887	17.601	ug/l	98
20) Methylene Chloride	2.84	84	85878	17.515	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	74229	17.360	ug/l	95
22) Diisopropyl ether	3.83	45	283826	18.252	ug/l	99
23) Vinyl Acetate	3.79	43	1005801	84.638	ug/l	99
24) 1,1-Dichloroethane	3.67	63	154184	17.886	ug/l	97
25) 2-Butanone	4.64	43	339518	84.271	ug/l	97
26) 2,2-Dichloropropane	4.55	77	130399	16.612	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	90089	17.861	ug/l	99
28) Bromochloromethane	4.98	49	75766	17.007	ug/l	98
29) Tetrahydrofuran	5.10	42	211752	84.627	ug/l	99
30) Chloroform	5.18	83	166083	17.627	ug/l	99
31) Cyclohexane	5.55	56	128238	18.345	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	151843	17.764	ug/l	99
36) 1,1-Dichloropropene	5.77	75	100275	16.984	ug/l	99
37) Ethyl Acetate	4.80	43	117751	16.669	ug/l	99
38) Carbon Tetrachloride	5.76	117	136383	17.849	ug/l	97

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	124846	17.055	ug/l	95
40) Benzene	6.12	78	319056	17.942	ug/l	98
41) Methacrylonitrile	5.01	41	70449	17.400	ug/l	99
42) 1,2-Dichloroethane	6.17	62	134841	17.852	ug/l	99
43) Isopropyl Acetate	6.42	43	195700	17.162	ug/l	99
44) Trichloroethene	7.19	130	92728	17.584	ug/l	97
45) 1,2-Dichloropropane	7.49	63	89237	17.515	ug/l	94
46) Dibromomethane	7.64	93	63859	17.959	ug/l	98
47) Bromodichloromethane	7.88	83	136466	17.678	ug/l	97
48) Methyl methacrylate	7.75	41	96534	17.076	ug/l	98
49) 1,4-Dioxane	7.72	88	33818	292.204	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	675662	88.002	ug/l	99
52) Toluene	8.77	92	208877	17.954	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	140679	17.231	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	145781	17.125	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	95480	17.864	ug/l	99
56) Ethyl methacrylate	9.16	69	126655	16.761	ug/l	95
57) 1,3-Dichloropropane	9.35	76	149001	17.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	294753	80.547	ug/l	99
59) 2-Hexanone	9.48	43	498135	85.623	ug/l	99
60) Dibromochloromethane	9.57	129	116926	17.517	ug/l	99
61) 1,2-Dibromoethane	9.65	107	100427	16.964	ug/l	98
64) Tetrachloroethene	9.32	164	95981	18.530	ug/l	95
65) Chlorobenzene	10.12	112	244162	18.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102607	18.017	ug/l	99
67) Ethyl Benzene	10.24	91	399673	18.008	ug/l	96
68) m/p-Xylenes	10.34	106	307325	35.967	ug/l	96
69) o-Xylene	10.68	106	146461	17.775	ug/l	99
70) Styrene	10.70	104	258454	18.181	ug/l	99
71) Bromoform	10.84	173	88048	17.225	ug/l #	96
73) Isopropylbenzene	11.00	105	414564	17.816	ug/l	99
74) N-amyl acetate	10.88	43	172184	16.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	140135	17.263	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	137625m	17.900	ug/l	
77) Bromobenzene	11.24	156	114744	17.773	ug/l	98
78) n-propylbenzene	11.34	91	465890	17.118	ug/l	100
79) 2-Chlorotoluene	11.40	91	285879	17.236	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	358172	17.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	49139	16.791	ug/l	97
82) 4-Chlorotoluene	11.49	91	341955	17.531	ug/l	98
83) tert-Butylbenzene	11.76	119	335501	17.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	360434	17.045	ug/l	99
85) sec-Butylbenzene	11.93	105	404029	17.351	ug/l	98
86) p-Isopropyltoluene	12.05	119	376462	17.380	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	202810	17.260	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	200575	17.423	ug/l	95
89) n-Butylbenzene	12.37	91	309772	17.279	ug/l	99
90) Hexachloroethane	12.58	117	77350	17.955	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	201068	18.536	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	34830	16.844	ug/l	98

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VX0819WBS01

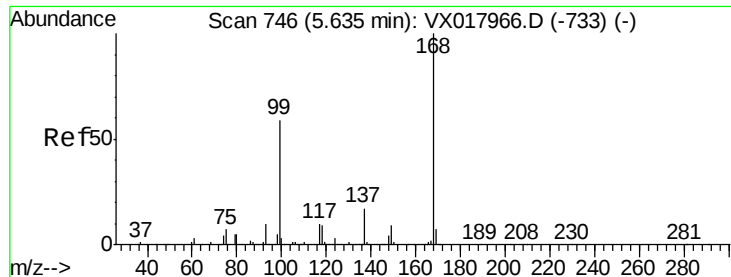
Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:16:49 AM

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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	125953	17.650	ug/l	98
94) Hexachlorobutadiene	13.76	225	52132	17.118	ug/l	93
95) Naphthalene	13.82	128	392796	17.438	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	124327	17.134	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion:168 Resp: 461445

Ion Ratio Lower Upper

168 100

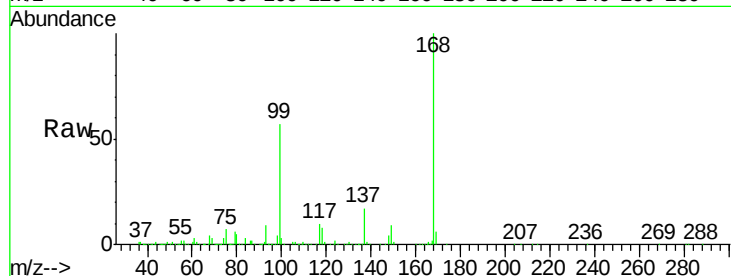
99 56.7 47.4 71.2

Manual Integrations

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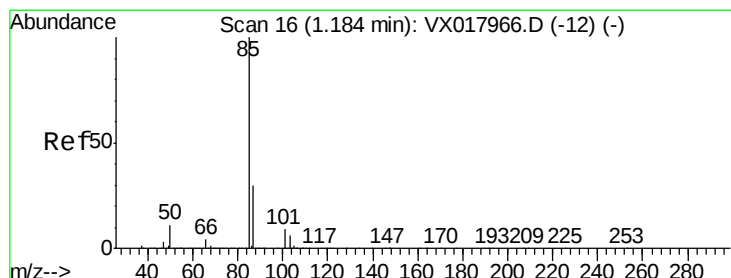
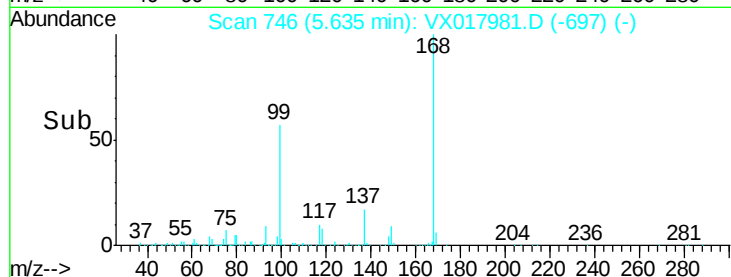
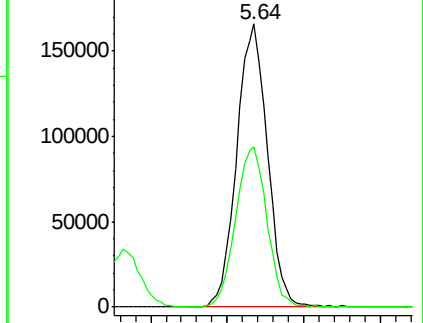
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.769 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017981.D

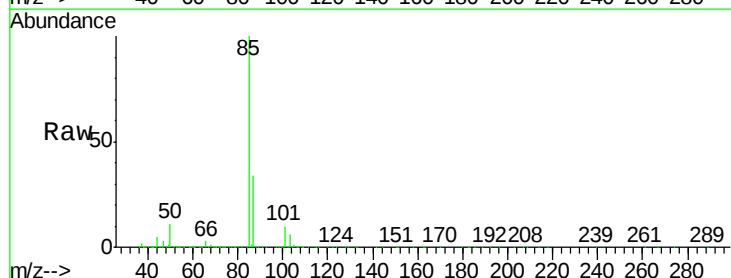
Acq: 19 Aug 2020 13:47

Tgt Ion: 85 Resp: 126481

Ion Ratio Lower Upper

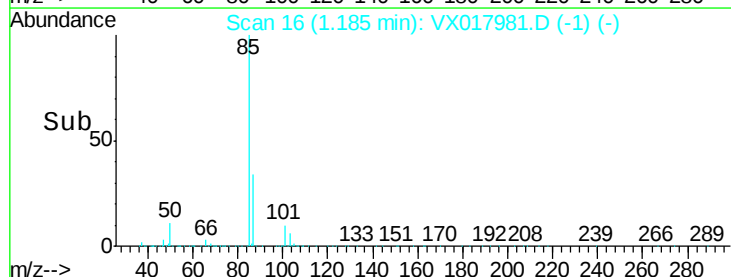
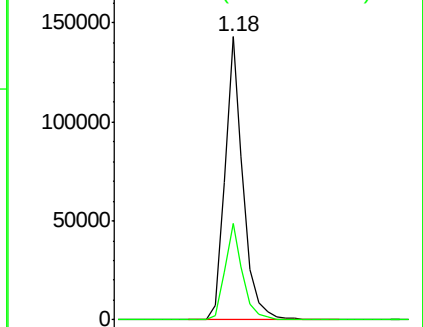
85 100

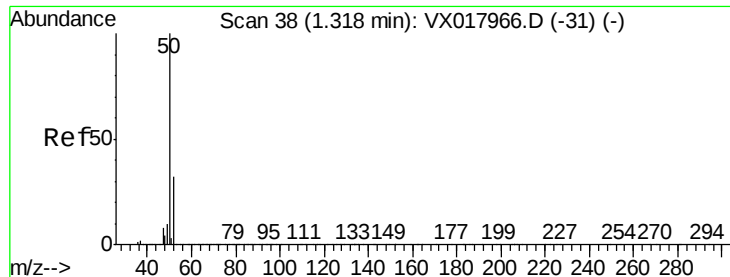
87 34.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.246 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 50 Resp: 108835

Ion Ratio Lower Upper

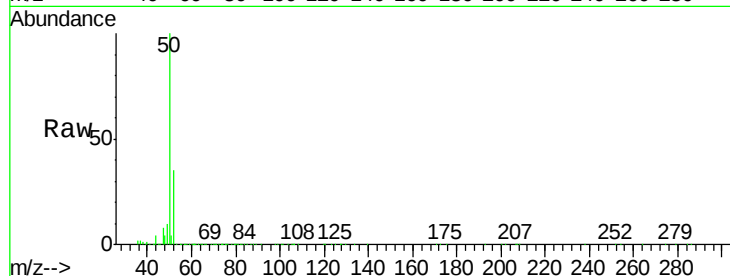
50 100

52 34.5 25.4 38.0

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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

120000

100000

80000

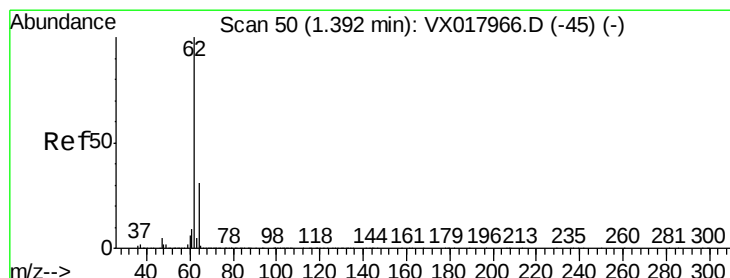
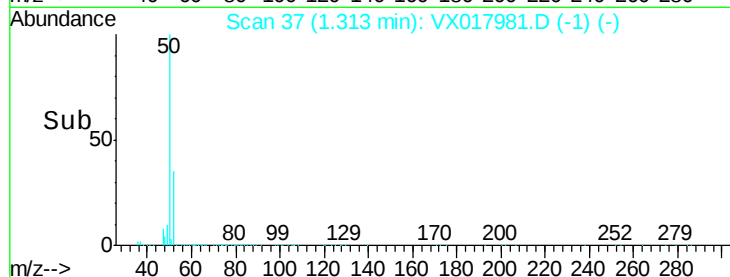
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 18.089 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017981.D

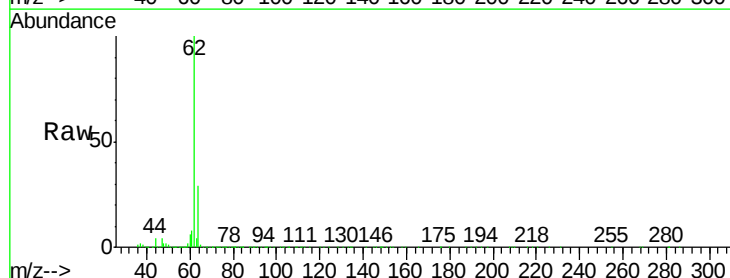
Acq: 19 Aug 2020 13:47

Tgt Ion: 62 Resp: 108320

Ion Ratio Lower Upper

62 100

64 28.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

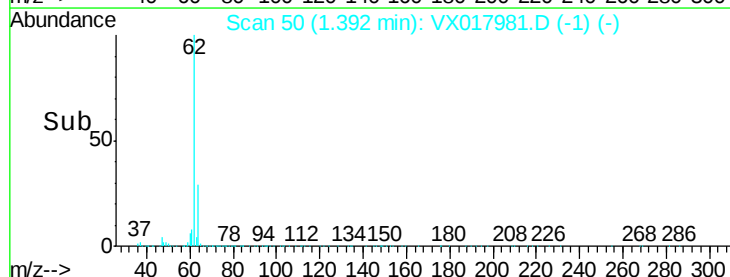
1.39

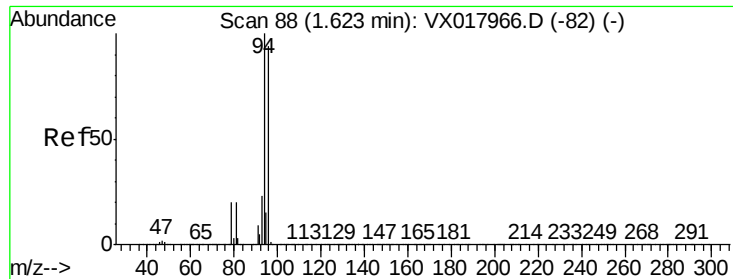
100000

50000

0

Time-->





#5

Bromomethane

Concen: 21.538 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 94 Resp: 76061

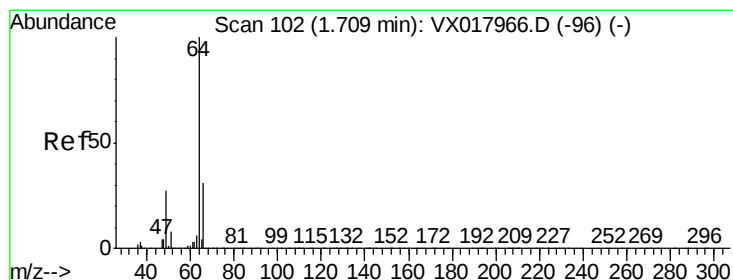
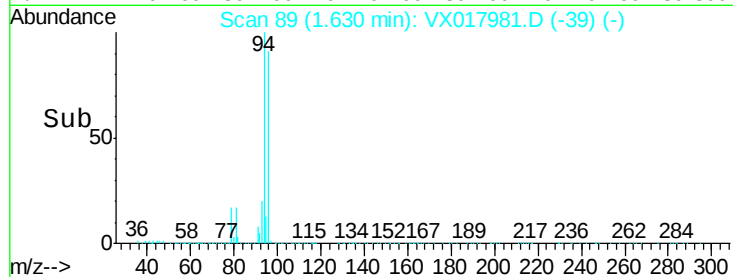
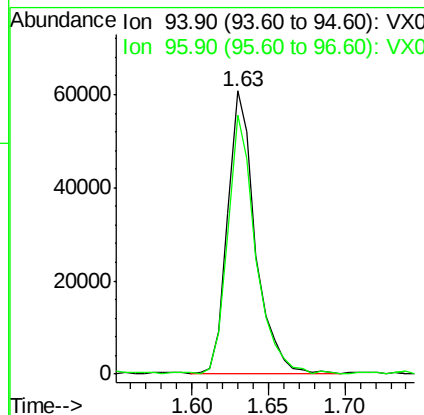
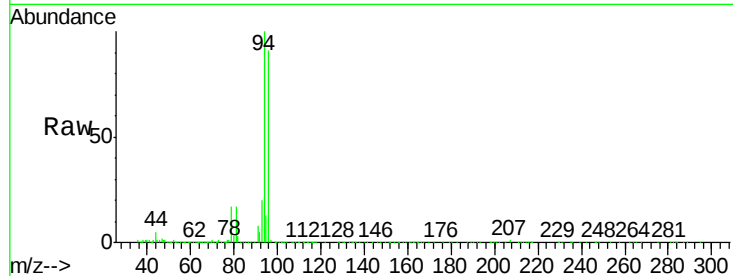
Ion Ratio Lower Upper

94 100

96 91.7 75.5 113.3

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#6

Chloroethane

Concen: 17.525 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017981.D

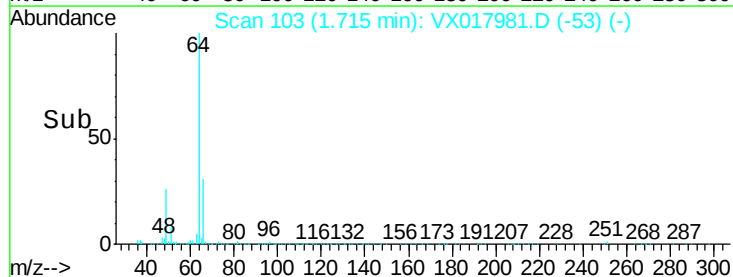
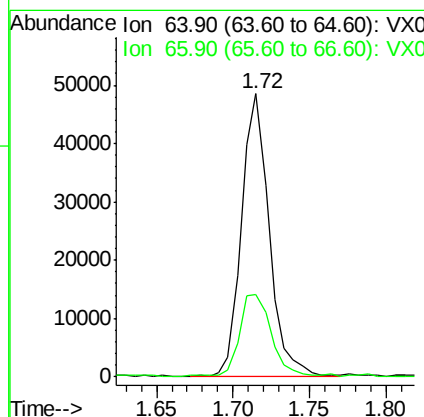
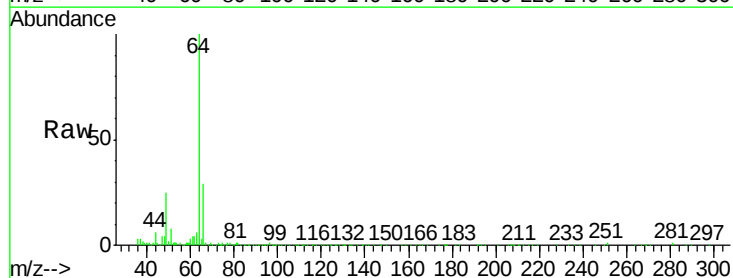
Acq: 19 Aug 2020 13:47

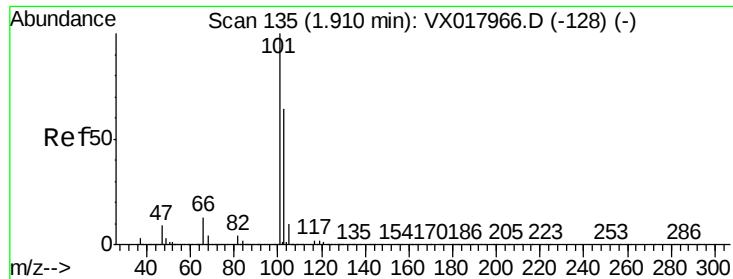
Tgt Ion: 64 Resp: 60649

Ion Ratio Lower Upper

64 100

66 28.8 25.0 37.4





#7

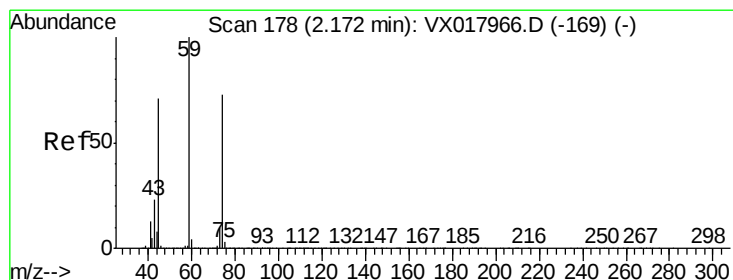
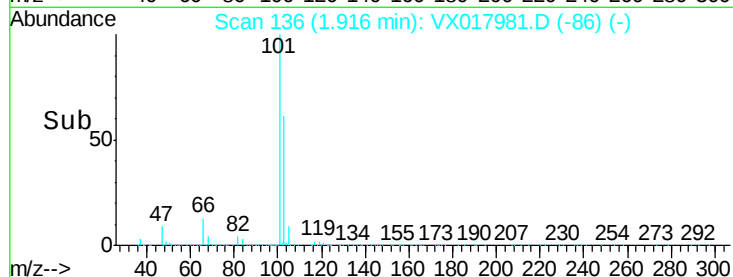
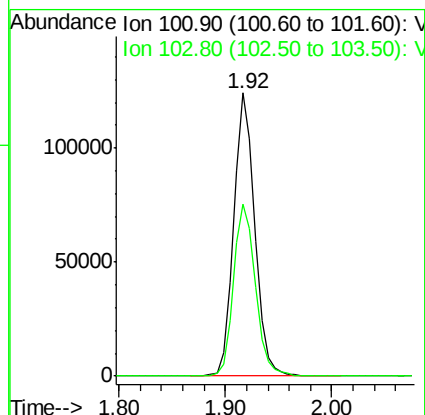
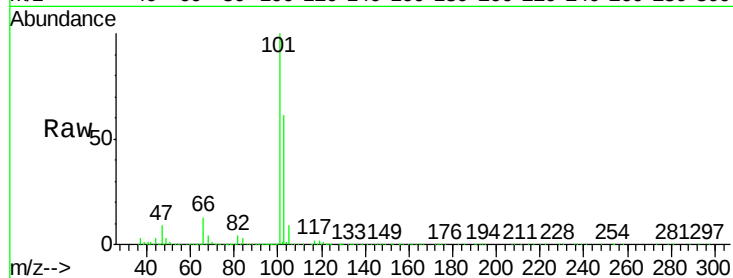
Trichlorofluoromethane
Concen: 17.854 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
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ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.5	51.2	76.8

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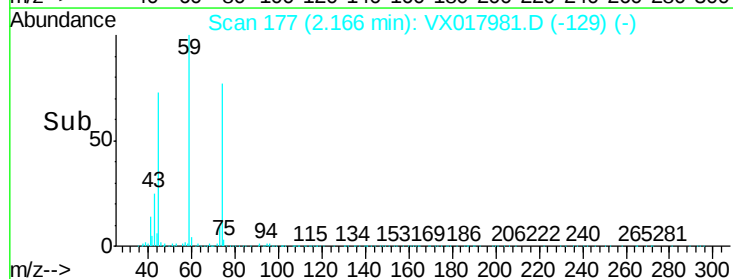
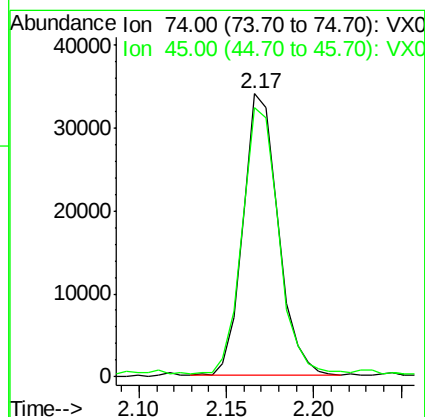
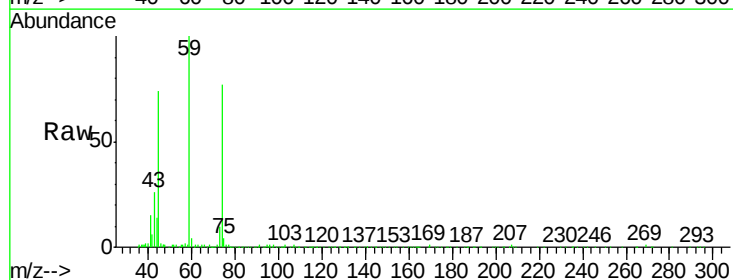
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8/20/2020 9:16:49 AM

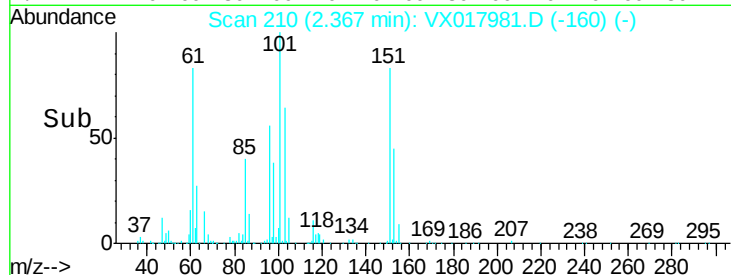
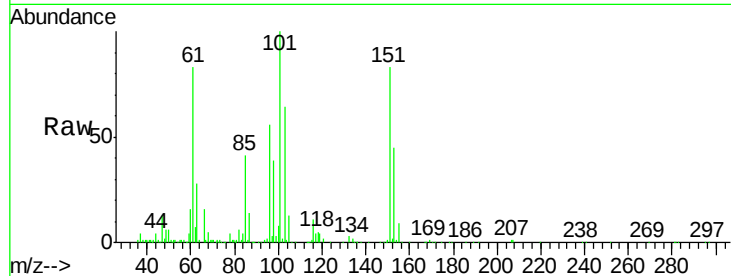
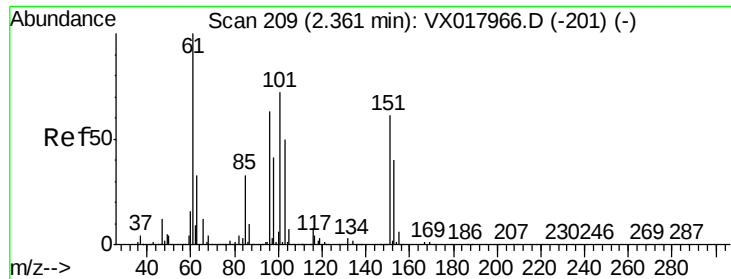


#8

Diethyl Ether
Concen: 16.809 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	50.5	151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.038 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017981.D

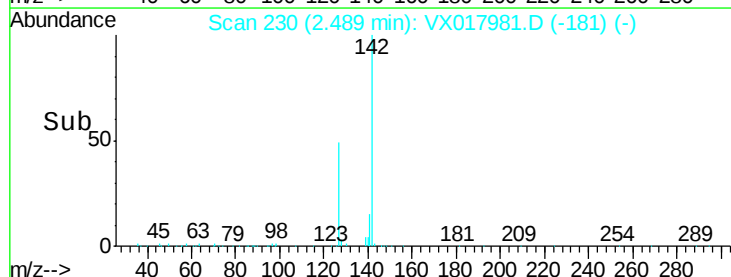
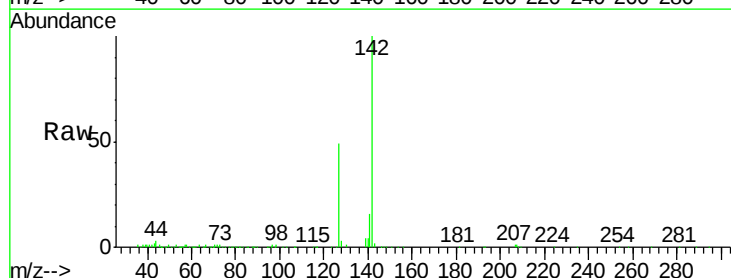
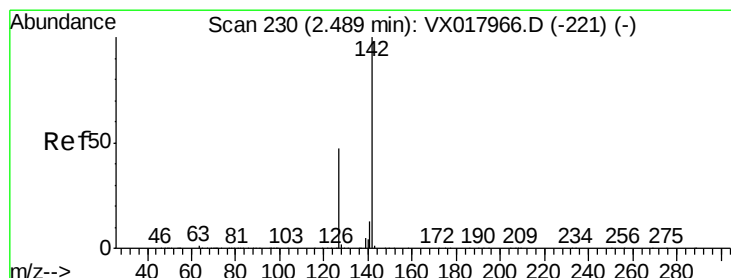
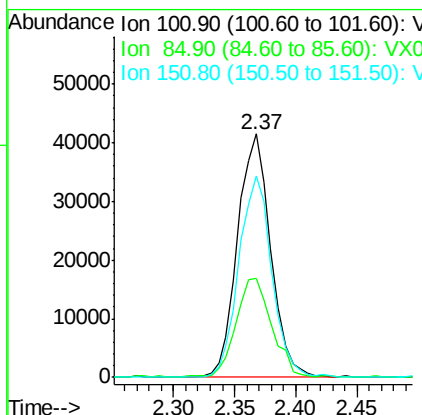
Acq: 19 Aug 2020 13:47

Tot Ion	Ratio	Resp	Lower	Upper
101	100	77435		
85	44.8		35.4	53.2
151	83.5		65.4	98.0

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

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#10

Methyl Iodide

Concen: 10.880 ug/l

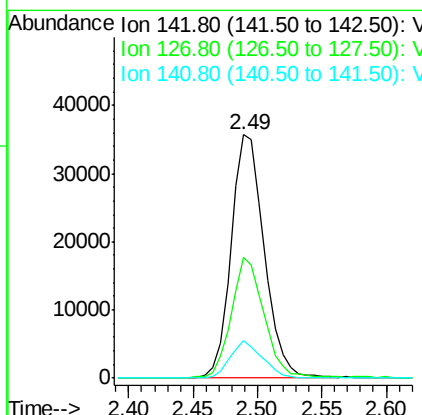
RT: 2.49 min Scan# 230

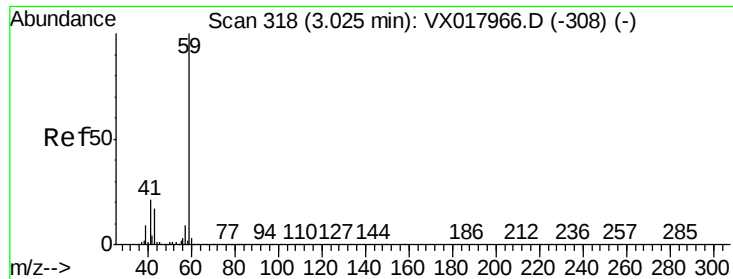
Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	63762		
127	49.1		38.0	57.0
141	14.9		11.2	16.8





#11

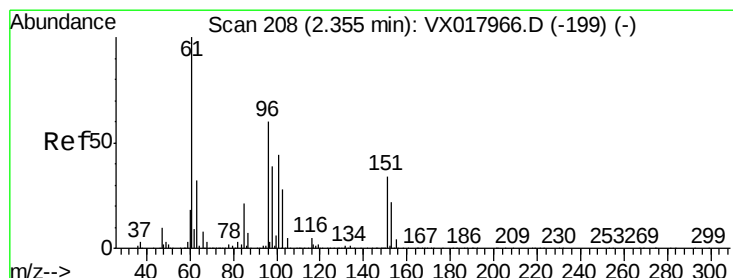
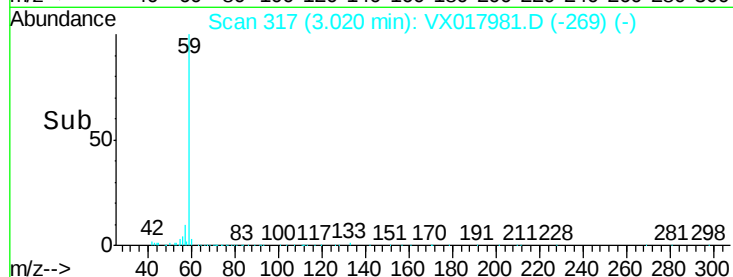
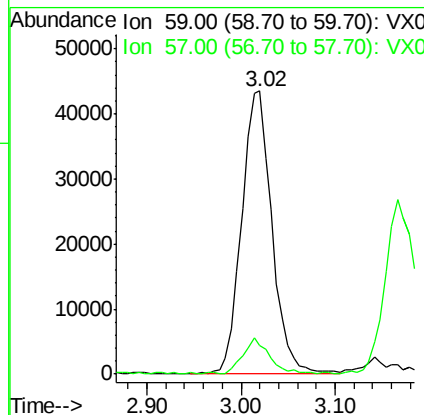
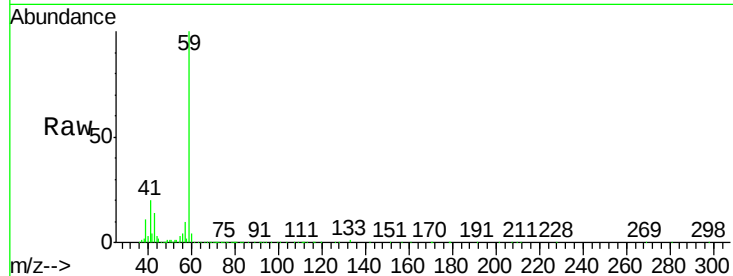
Tert butyl alcohol
Concen: 74.260 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.7	8.6	13.0

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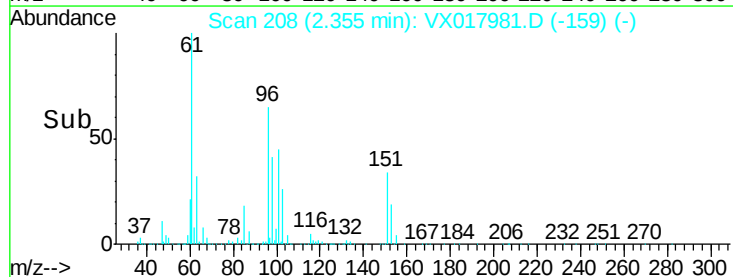
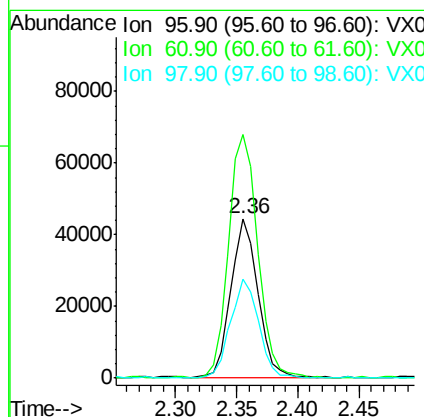
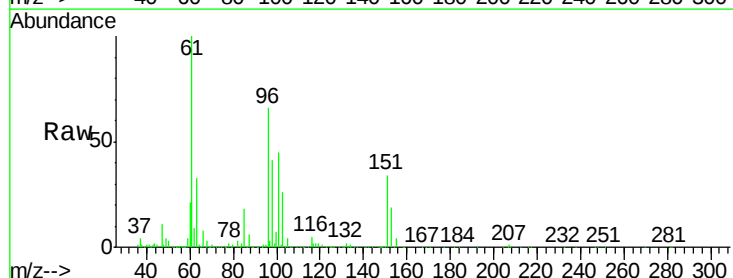
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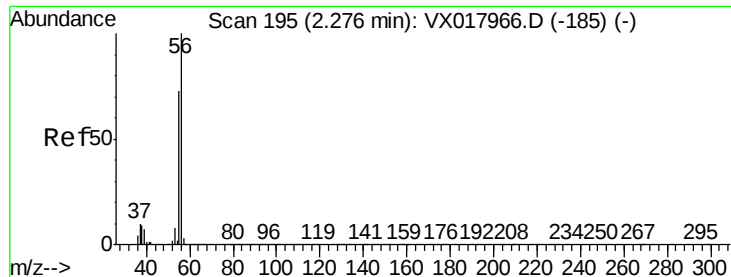


#12

1,1-Dichloroethene
Concen: 16.417 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	152.6	132.9	199.3
98	98	62.1	51.6	77.4





#13

Acrolein

Concen: 88.445 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 56 Resp: 61019

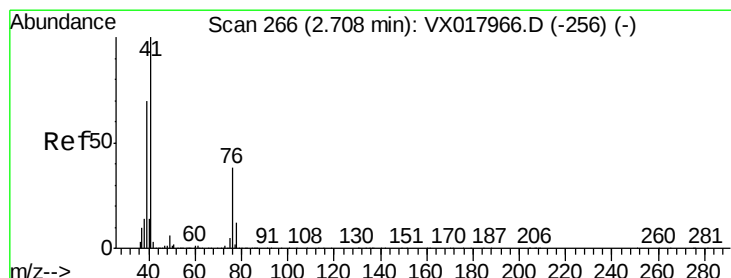
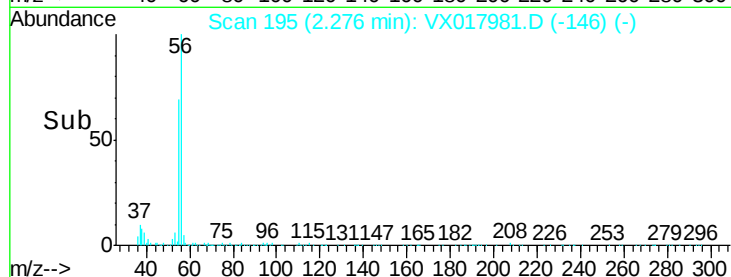
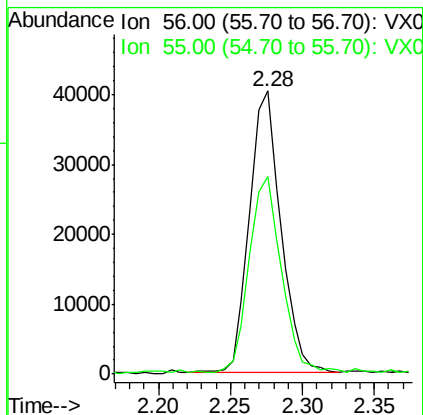
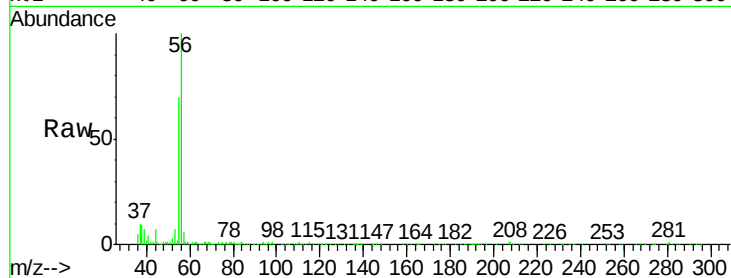
Ion Ratio Lower Upper

56 100

55 70.5 58.2 87.4

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#14

Allyl chloride

Concen: 16.757 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

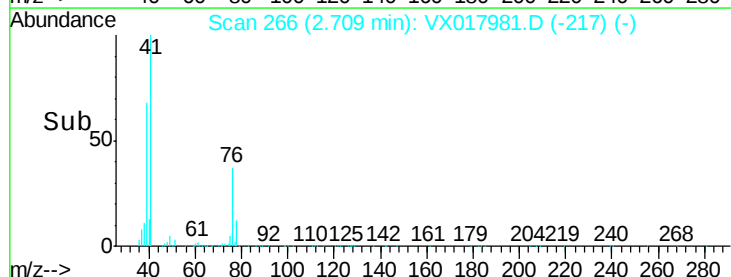
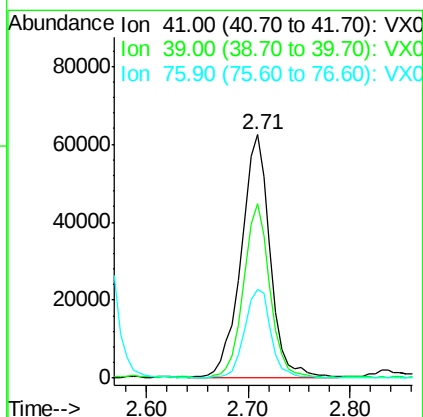
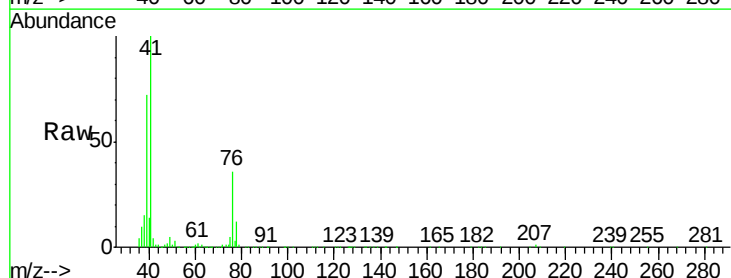
Tgt Ion: 41 Resp: 124306

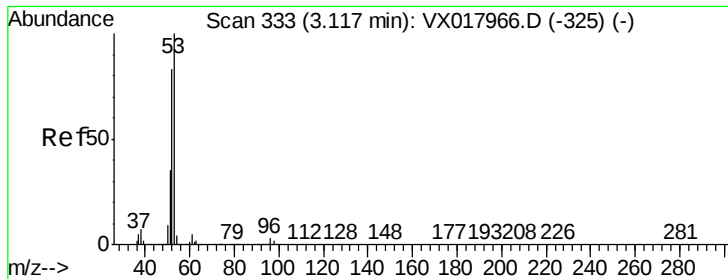
Ion Ratio Lower Upper

41 100

39 64.3 51.7 77.5

76 33.1 26.3 39.5





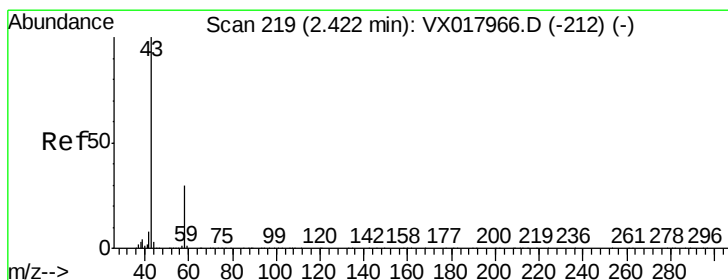
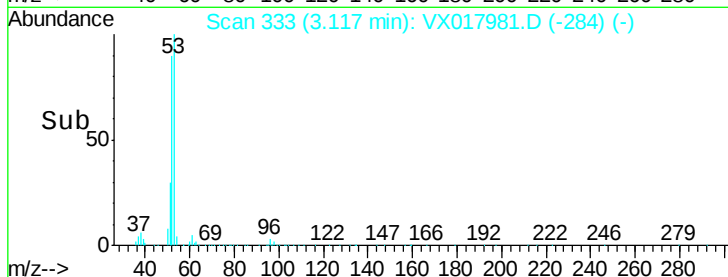
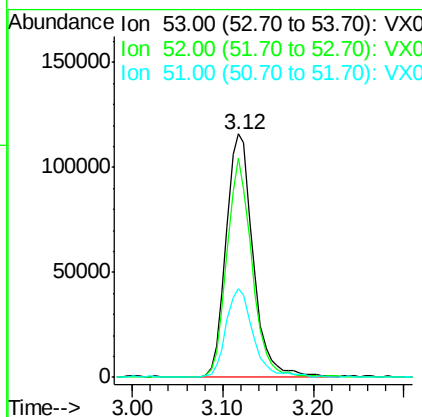
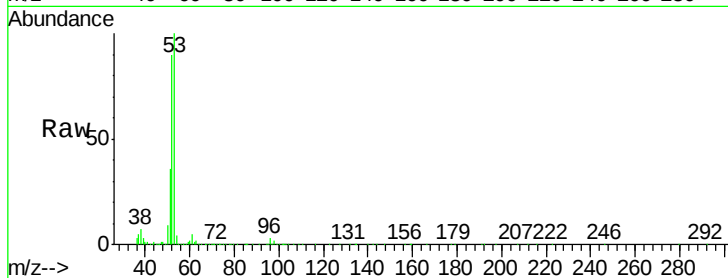
#15
 Acrylonitrile
 Concen: 84.134 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.9	67.1	100.7	
51	36.5	29.2	43.8	

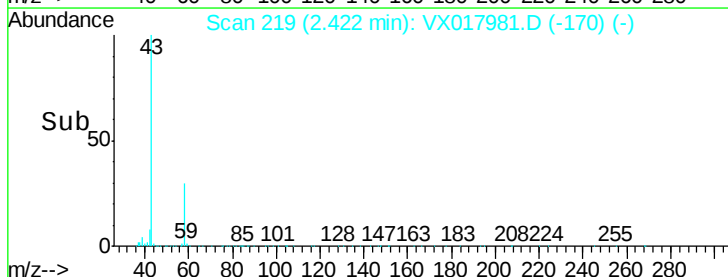
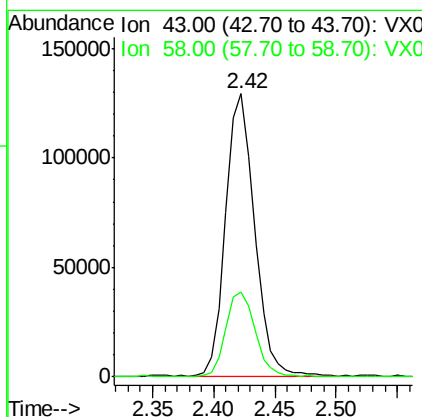
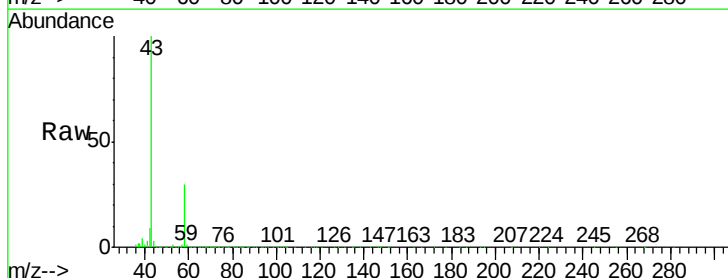
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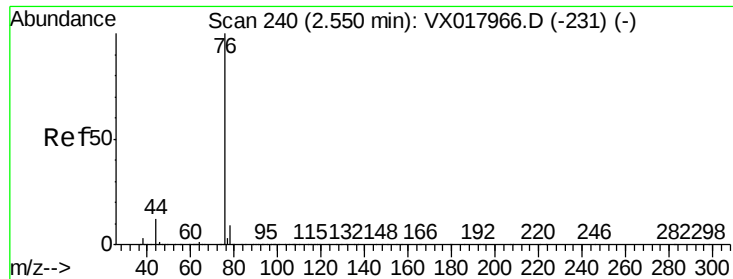
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#16
 Acetone
 Concen: 79.090 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	29.8	23.8	35.8	





#17

Carbon Disulfide

Concen: 16.798 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 76 Resp: 169514

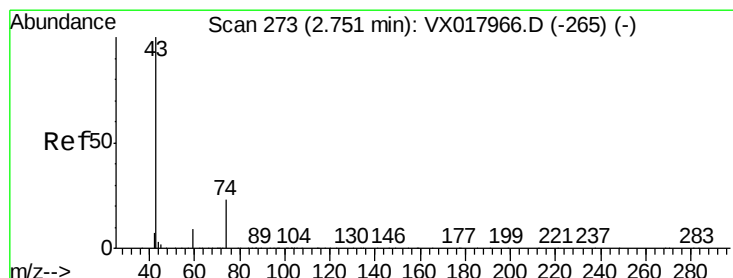
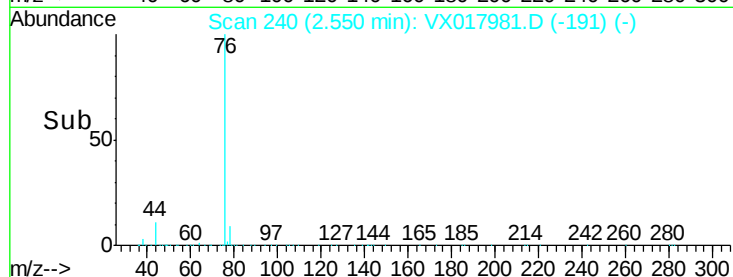
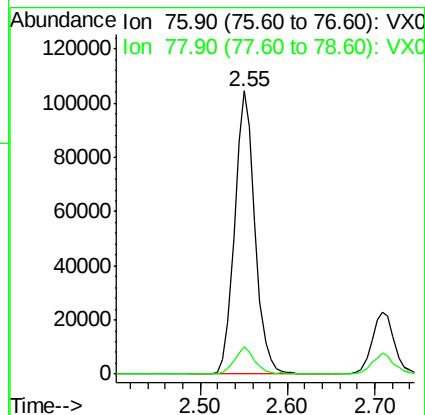
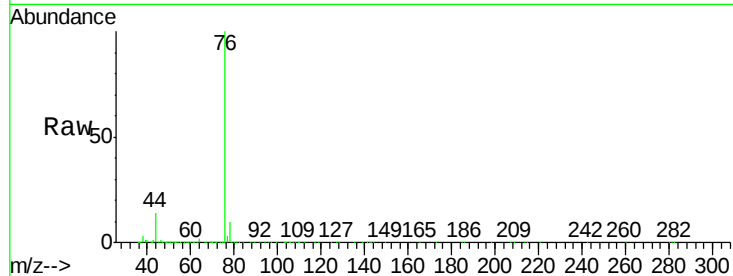
Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

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#18

Methyl Acetate

Concen: 17.310 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017981.D

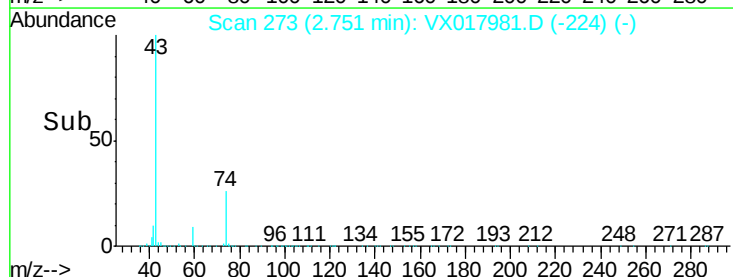
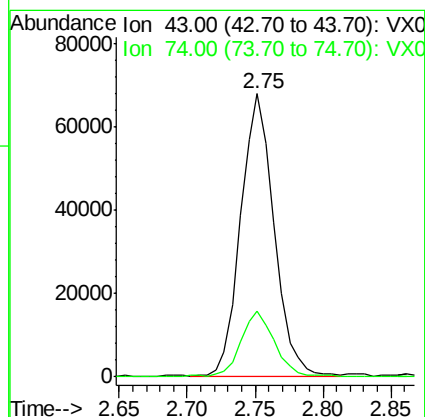
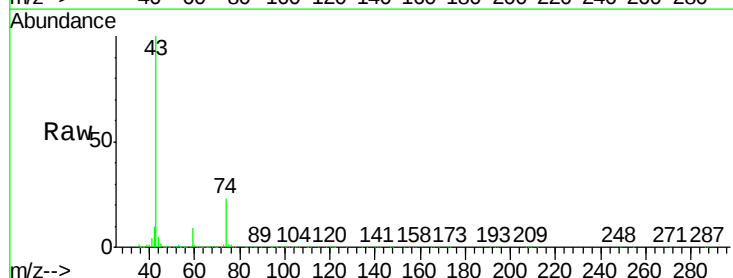
Acq: 19 Aug 2020 13:47

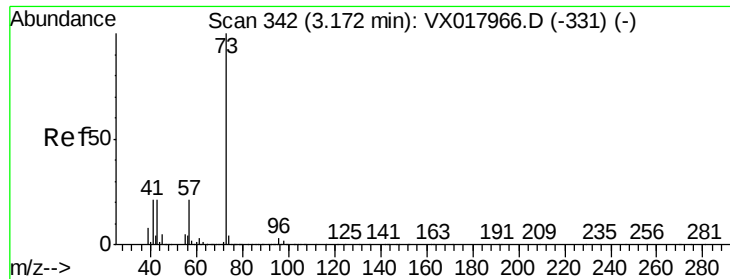
Tgt Ion: 43 Resp: 115915

Ion Ratio Lower Upper

43 100

74 24.3 19.7 29.5





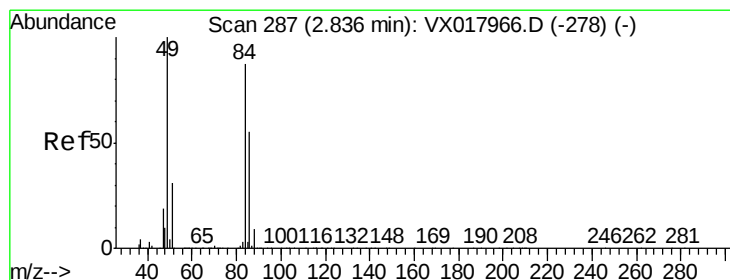
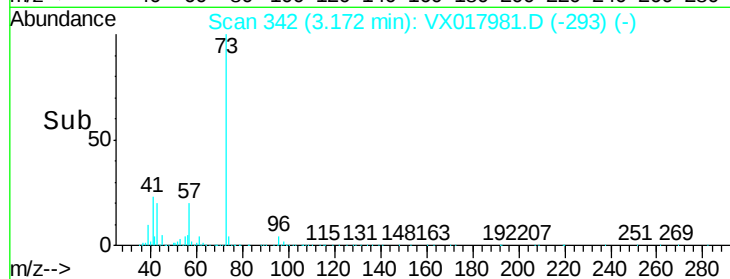
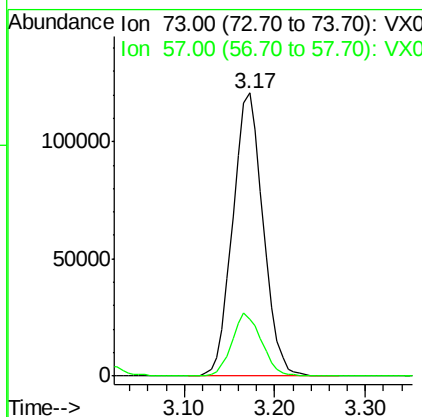
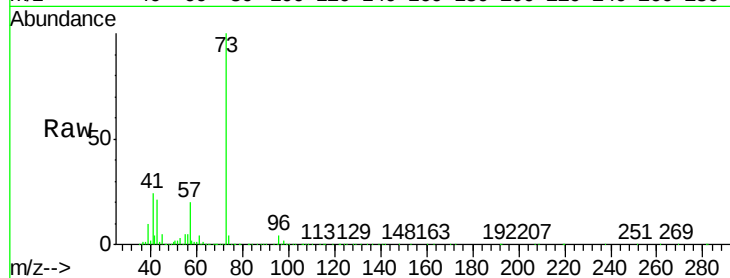
#19
Methvl tert-butvl Ether
Concen: 17.601 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	16.9	25.3

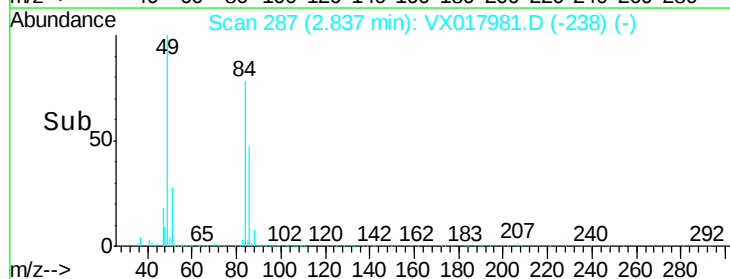
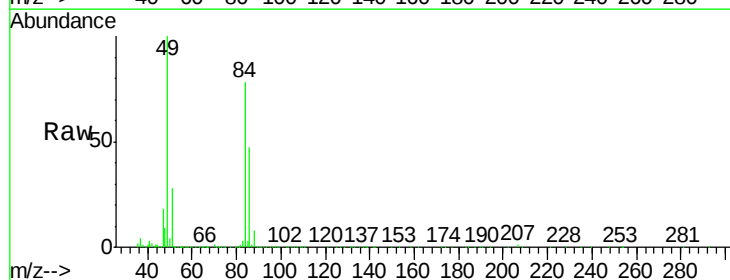
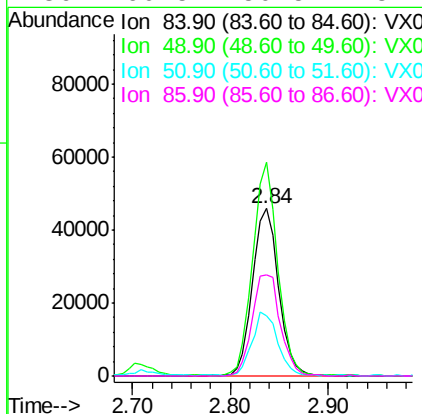
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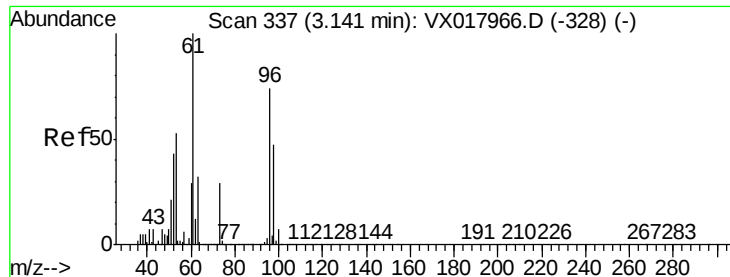
MMDadoda
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#20
Methylene Chloride
Concen: 17.515 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.2	91.8	137.6
51	35.2	27.8	41.8
86	60.5	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 17.360 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

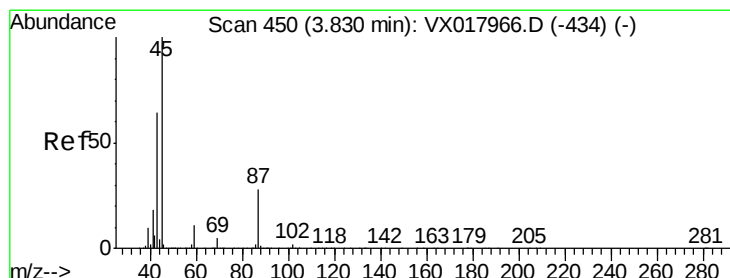
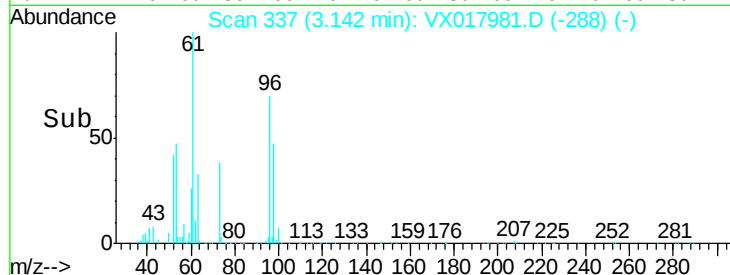
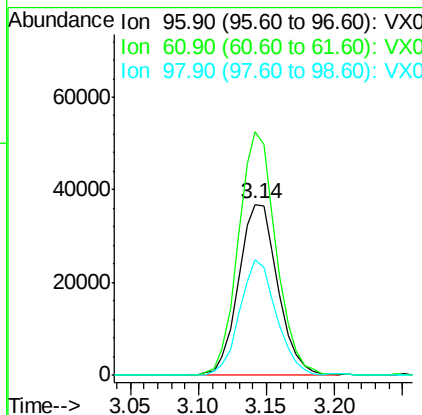
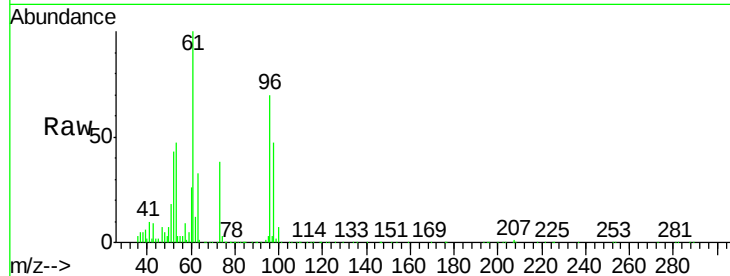
ClientSampleId :

VX0819WBS01

Tot Ion:	96	Resp:	74229
Ion	Ratio	Lower	Upper
96	100		
61	141.6	108.6	163.0
98	67.3	51.4	77.0

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#22

Diisopropyl ether

Concen: 18.252 ug/l

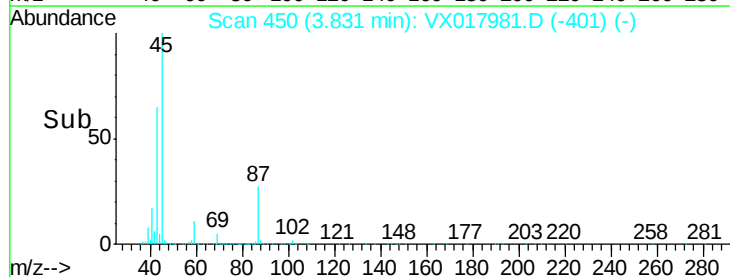
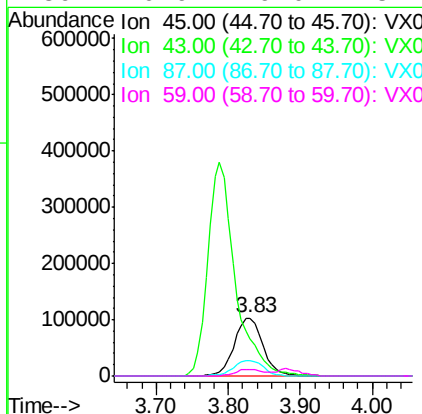
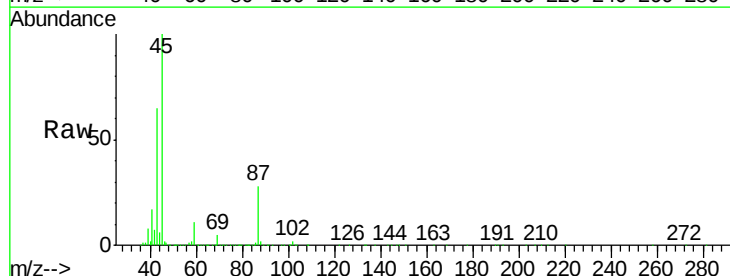
RT: 3.83 min Scan# 450

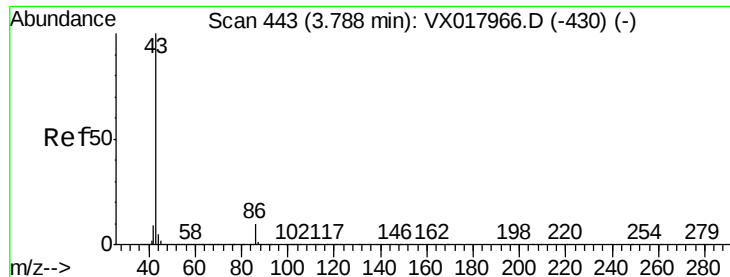
Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion:	45	Resp:	283826
Ion	Ratio	Lower	Upper
45	100		
43	64.4	51.5	77.3
87	27.3	22.6	33.8
59	10.9	9.0	13.4





#23

Vinyl Acetate

Concen: 84.638 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tot Ion: 43 Resp: 1005801

Ion Ratio Lower Upper

43 100

86 10.5 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

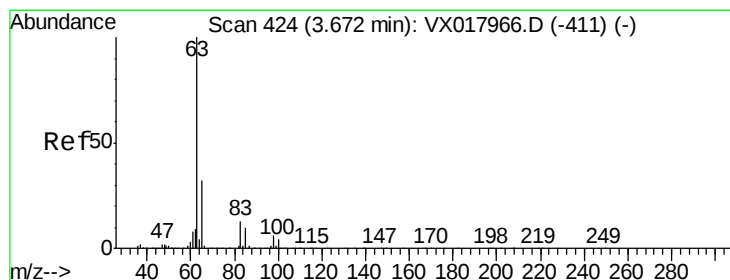
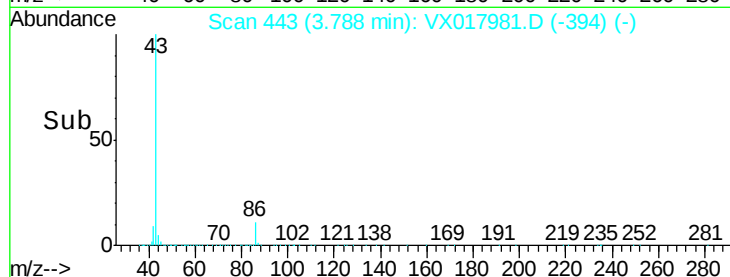
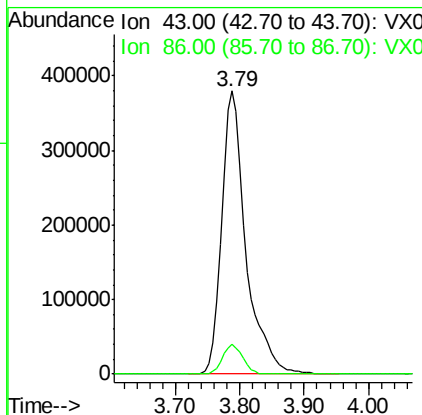
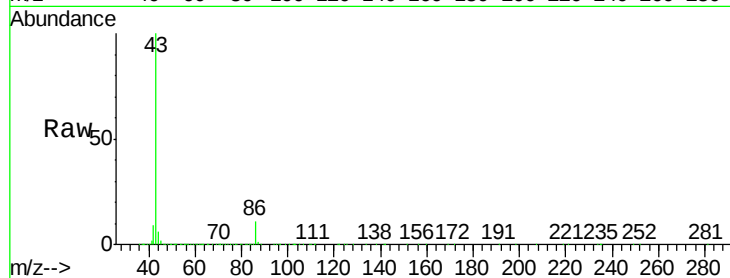
VX0819WBS01

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#24

1,1-Dichloroethane

Concen: 17.886 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

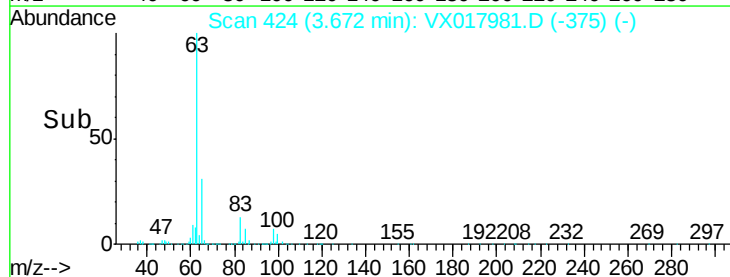
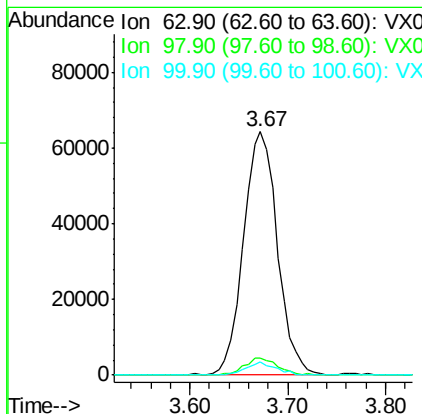
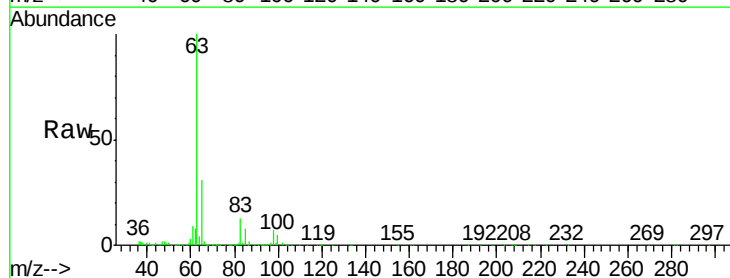
Tgt Ion: 63 Resp: 154184

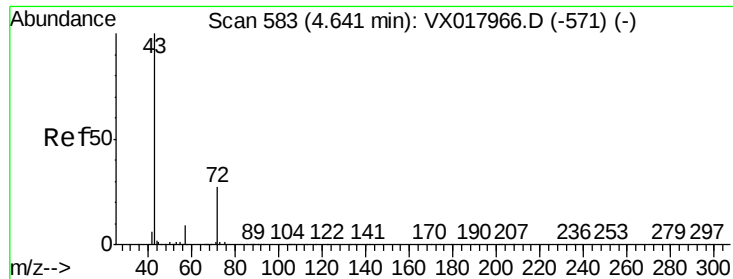
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.0

100 5.2 2.0 5.8





#25

2-Butanone

Concen: 84.271 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 43 Resp: 339518

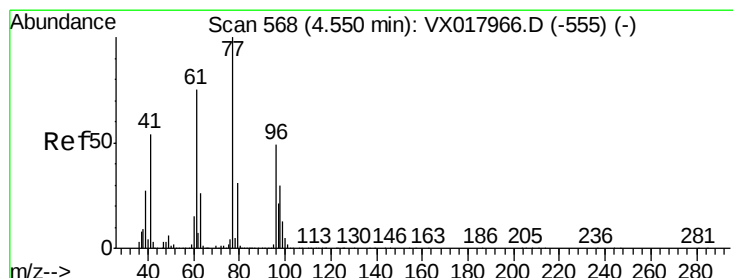
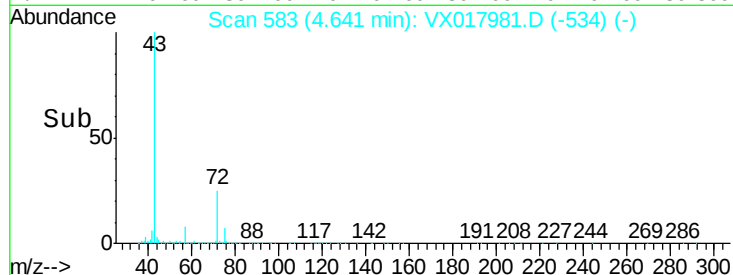
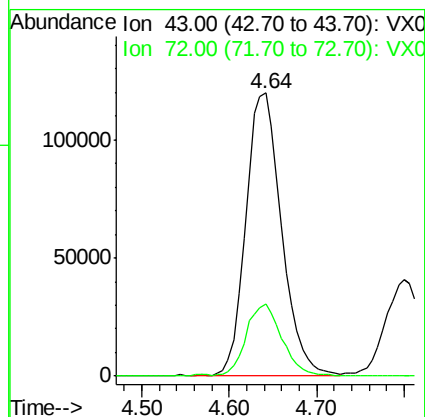
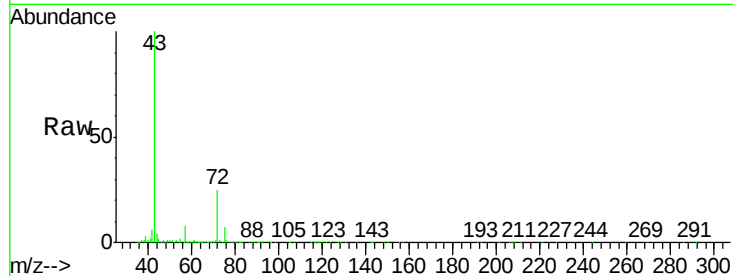
Ion Ratio Lower Upper

43 100

72 25.1 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 16.612 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017981.D

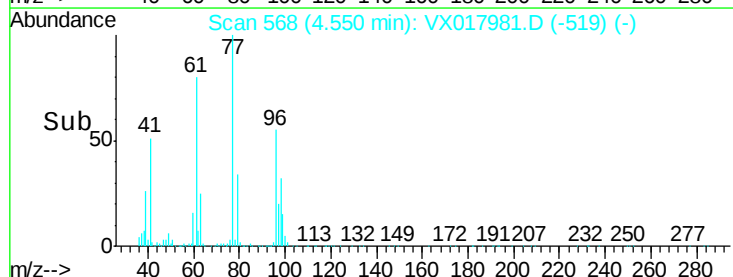
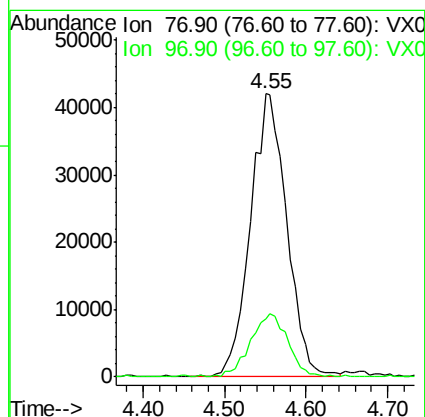
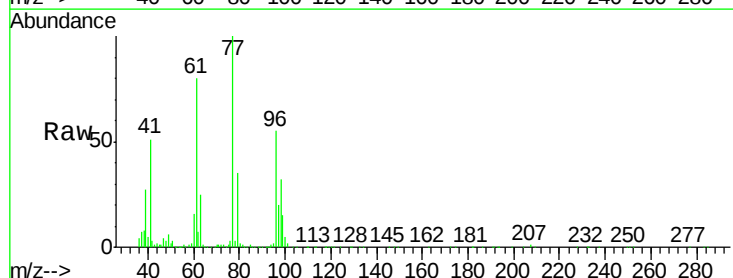
Acq: 19 Aug 2020 13:47

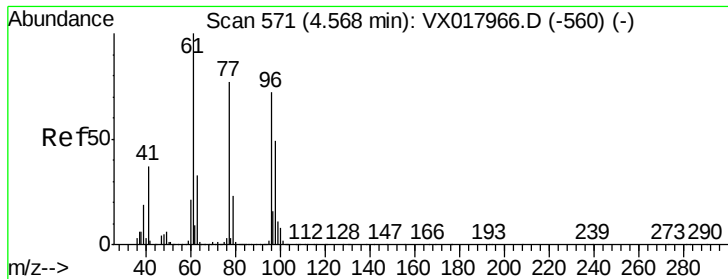
Tgt Ion: 77 Resp: 130399

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.9





#27

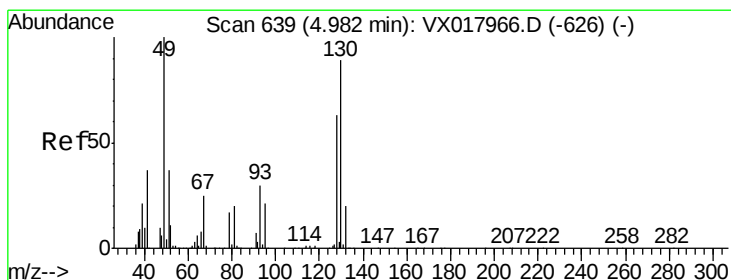
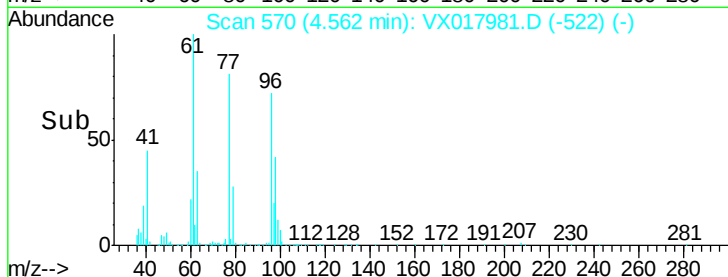
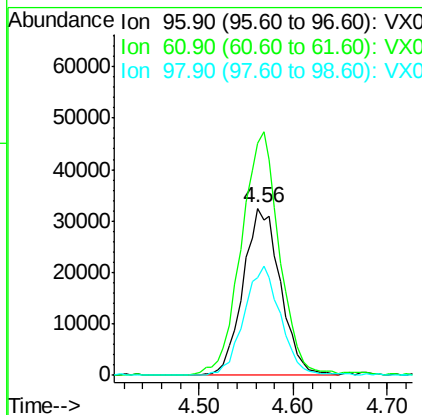
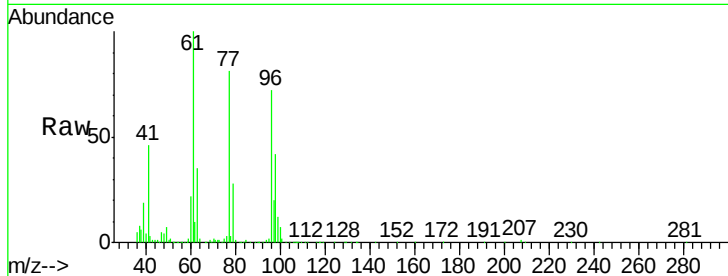
cis-1,2-Dichloroethene
Concen: 17.861 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.0	0.0	298.8	
98	63.9	0.0	130.2	

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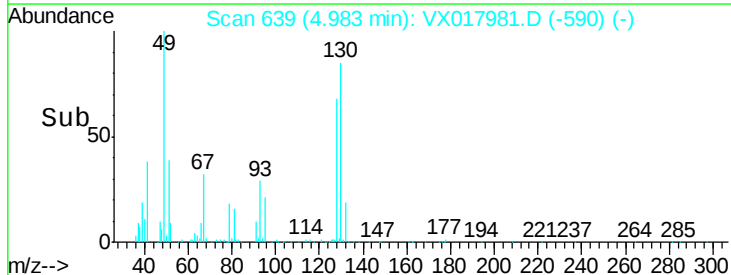
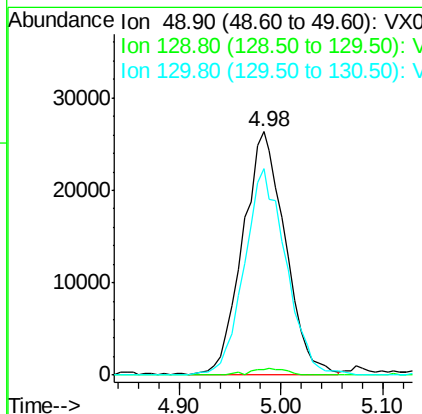
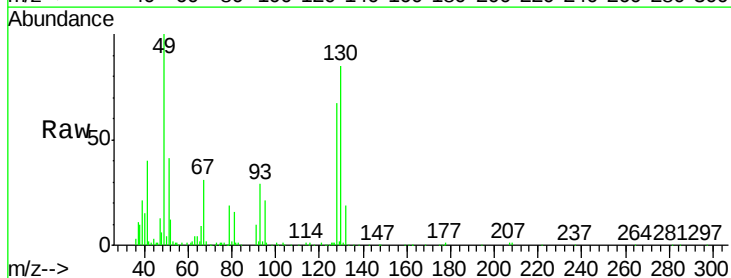
MMDadoda
8/20/2020 9:16:49 AM

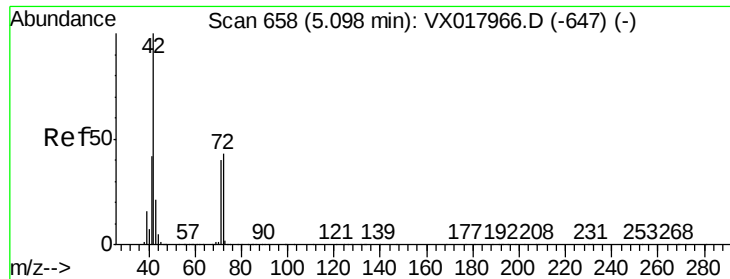


#28

Bromochloromethane
Concen: 17.007 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	3.6	
130	83.8	68.5	102.7	





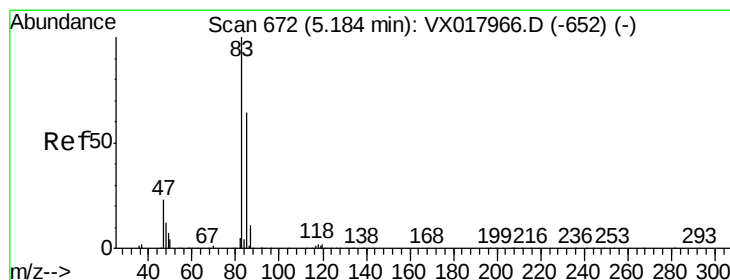
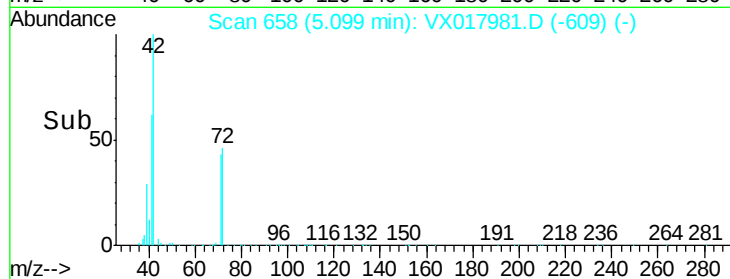
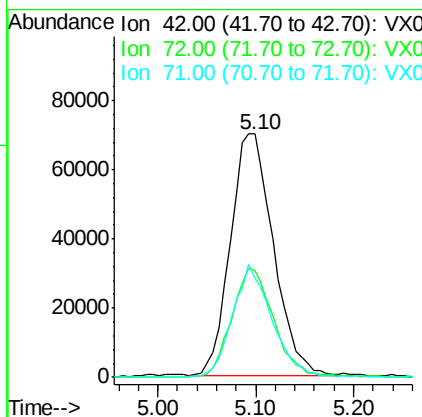
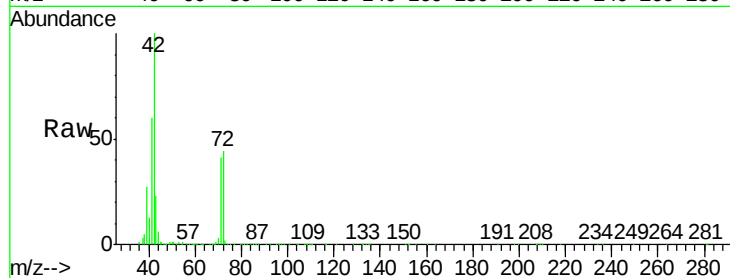
#29
Tetrahydrofuran
Concen: 84.627 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.9	53.9
71	42.8	33.0	49.4

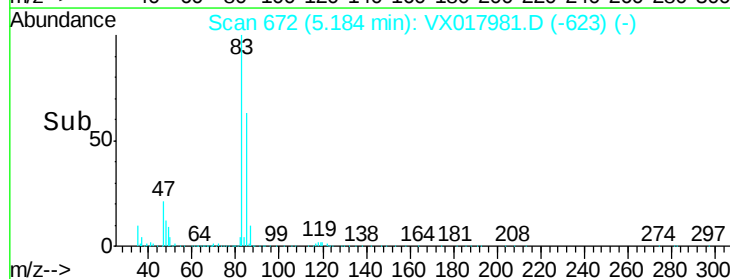
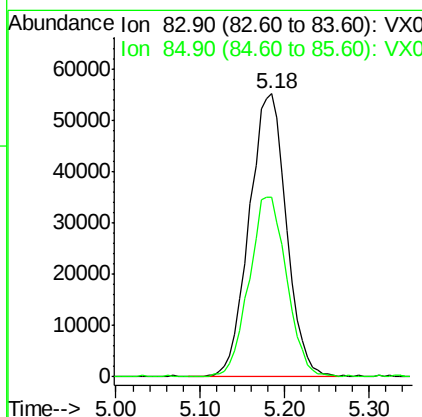
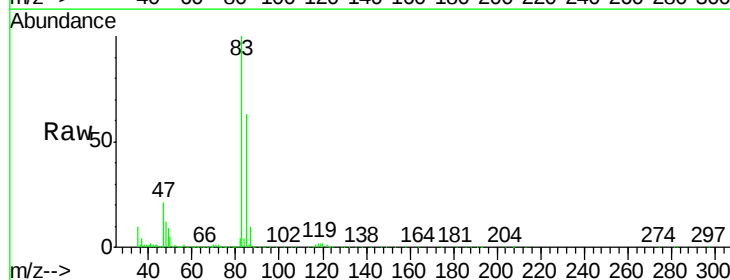
Manual Integrations
APPROVED

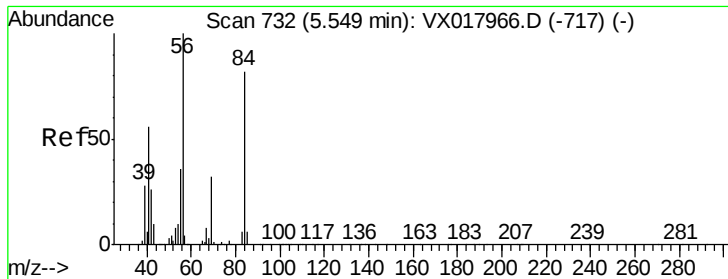
MMDadoda
8/20/2020 9:16:49 AM



#30
Chloroform
Concen: 17.627 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.3	76.9





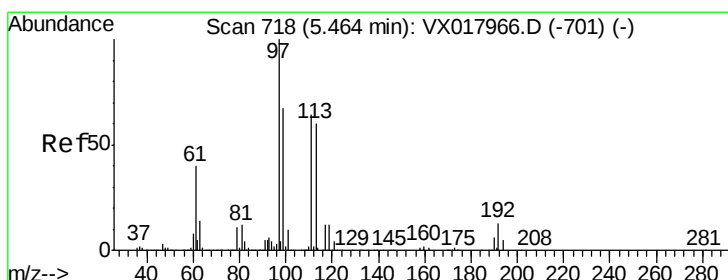
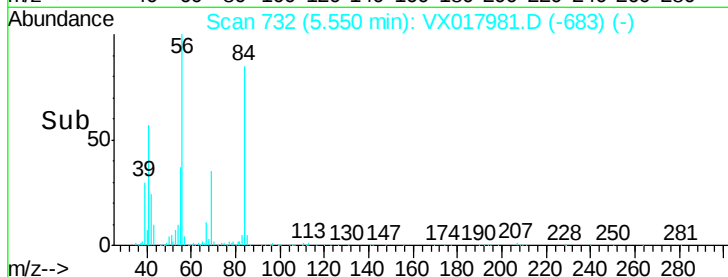
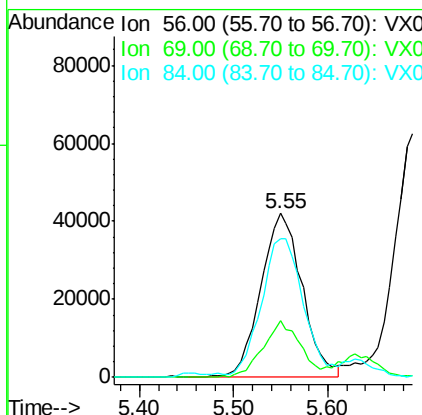
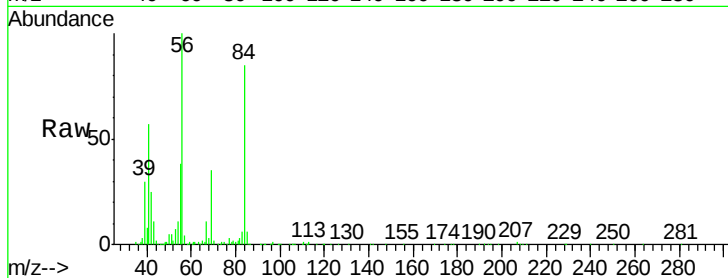
#31
Cyclohexane
Concen: 18.345 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	34.5	25.3	37.9	
84	82.4	65.3	97.9	

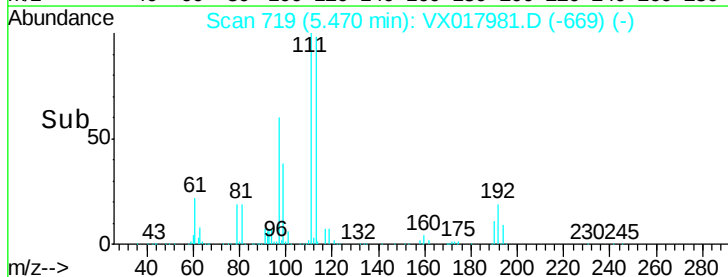
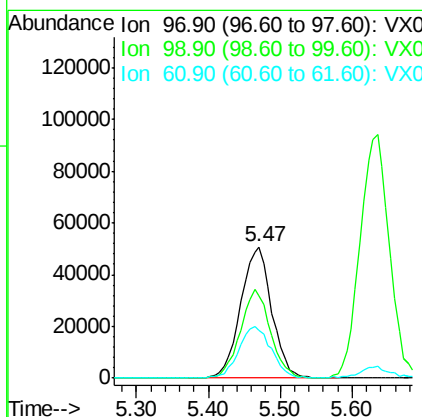
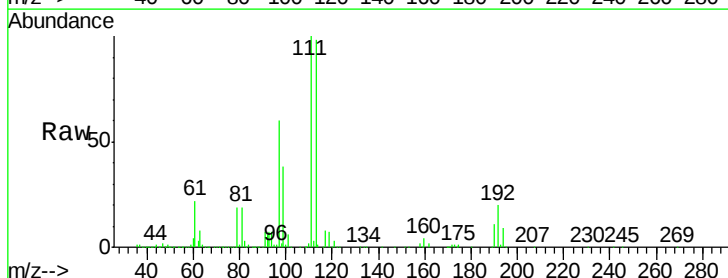
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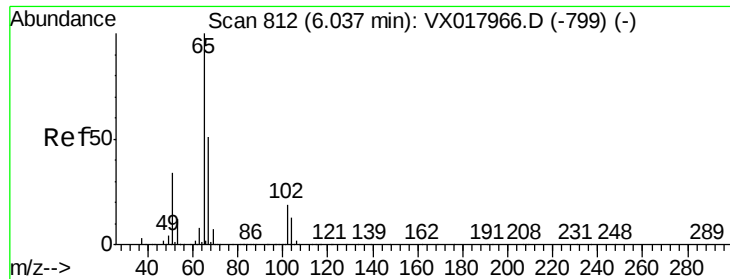
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#32
1,1,1-Trichloroethane
Concen: 17.764 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.2	51.4	77.0	
61	41.4	33.7	50.5	





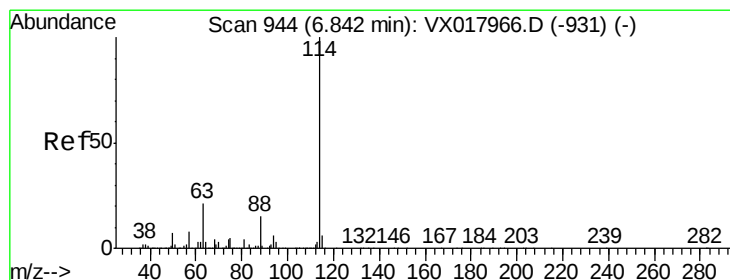
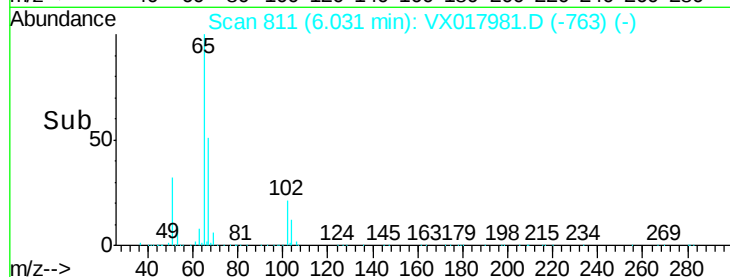
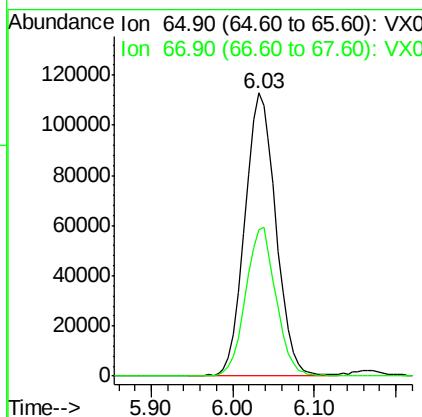
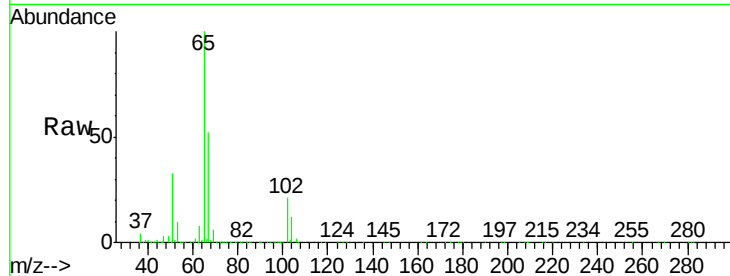
#33
 1,2-Dichloroethane-d4
 Concen: 44.220 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	299123		
67	51.2	0.0	103.0	

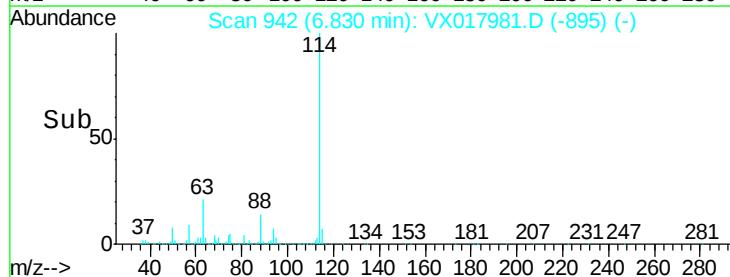
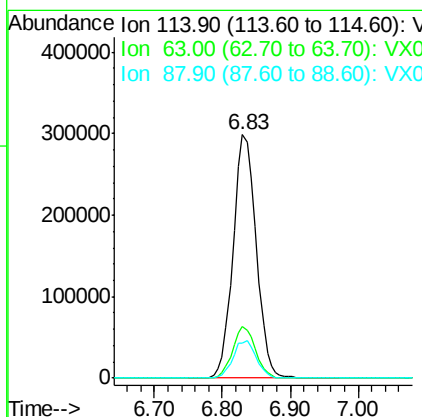
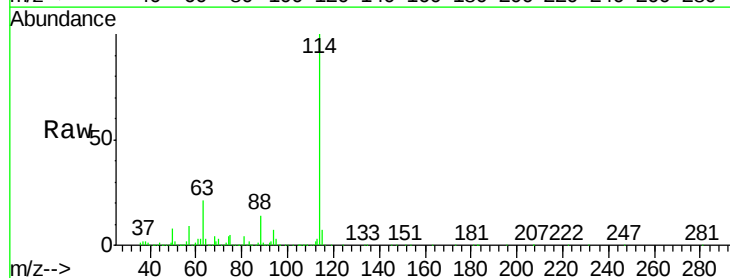
Manual Integrations
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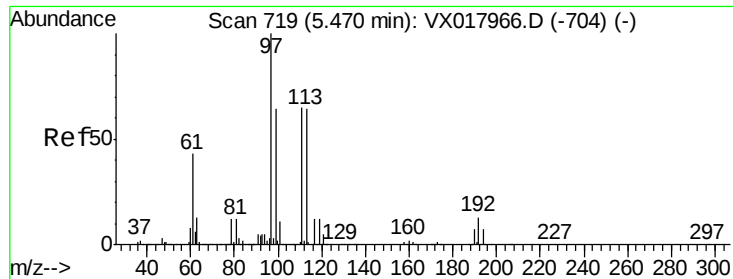
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	705370		
63	21.4	0.0	42.6	
88	14.3	0.0	30.2	





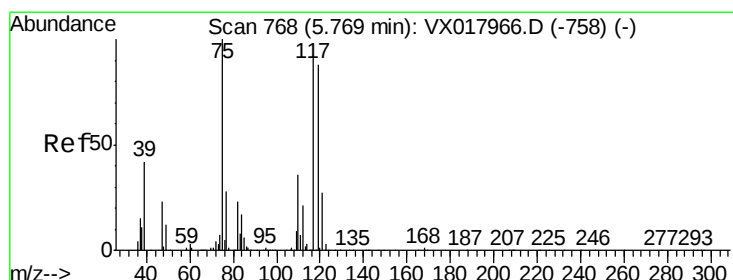
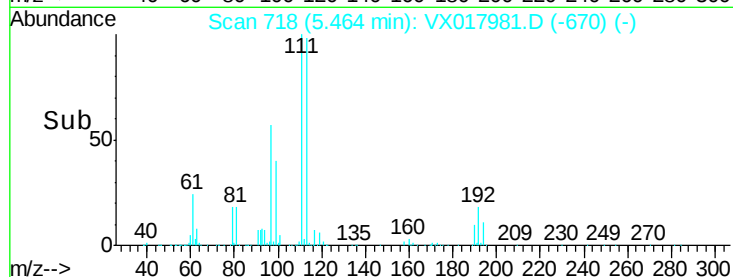
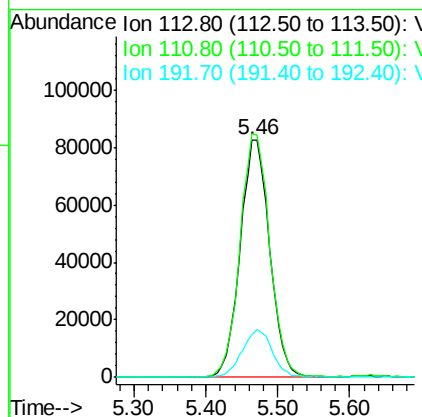
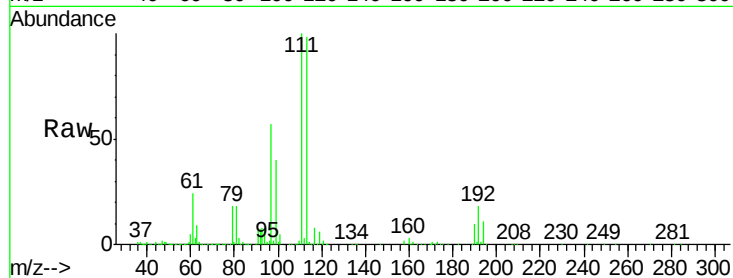
#35
Dibromofluoromethane
Concen: 44.885 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	235771		
111	102.6	83.5	125.3	
192	20.5	16.2	24.4	

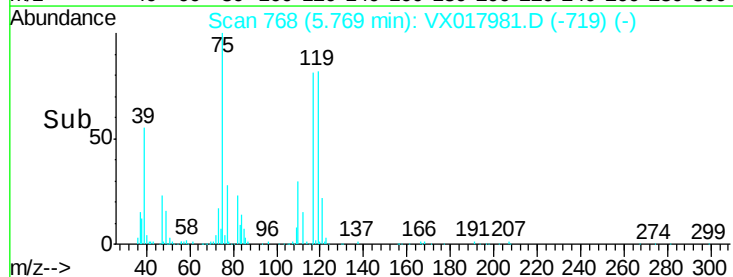
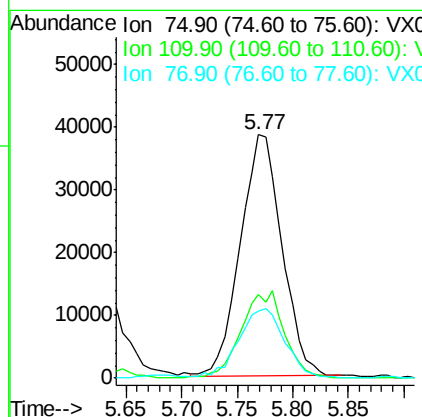
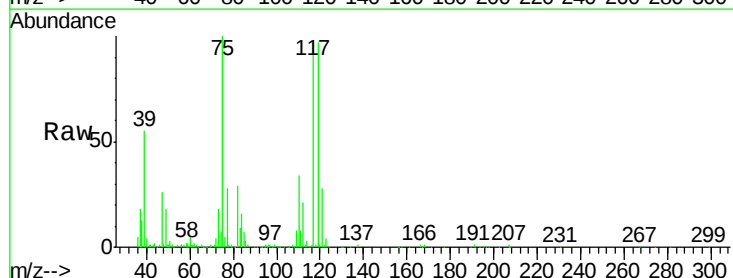
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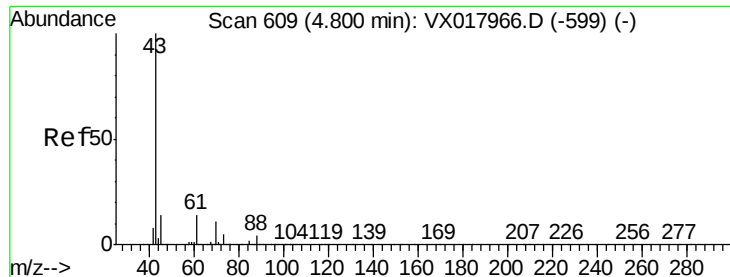
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8/20/2020 9:16:49 AM



#36
1,1-Dichloropropene
Concen: 16.984 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	100275		
110	37.5	18.7	56.1	
77	31.3	24.4	36.6	





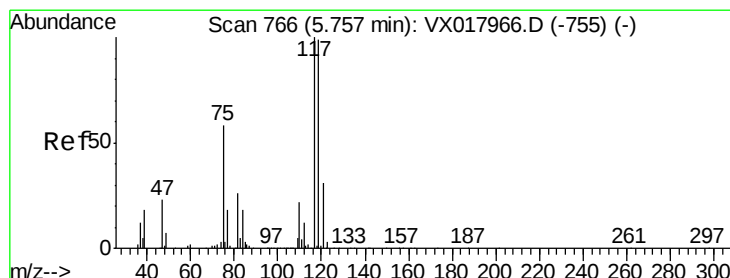
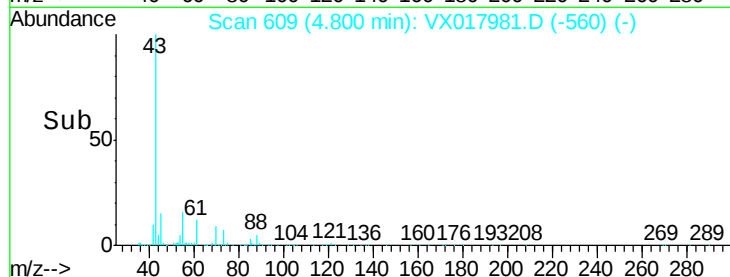
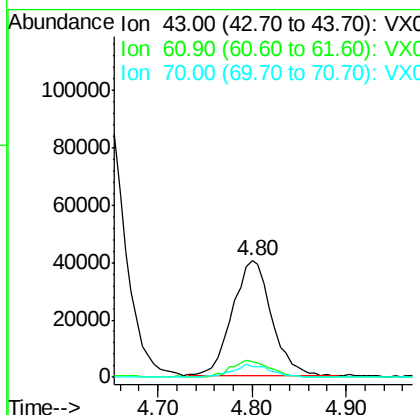
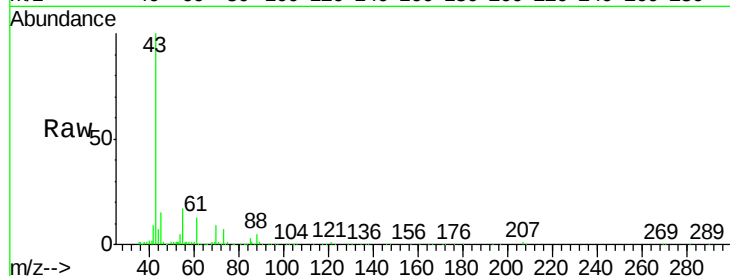
#37
Ethyl Acetate
Concen: 16.669 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion:	43	Resp:	117751
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.2	8.5	12.7

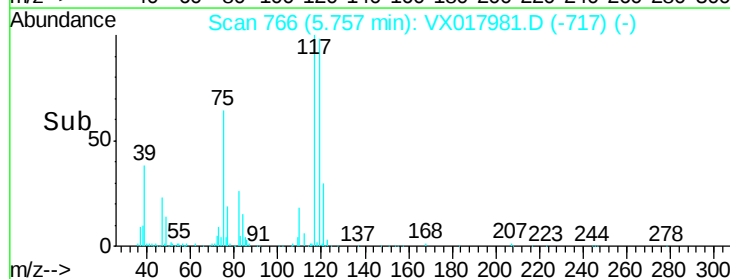
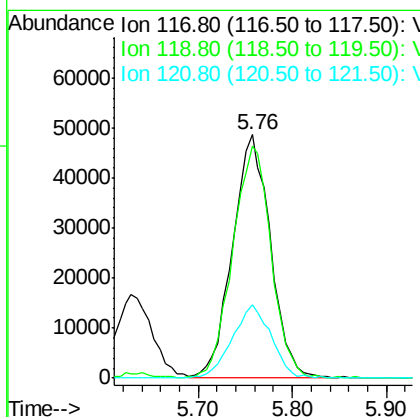
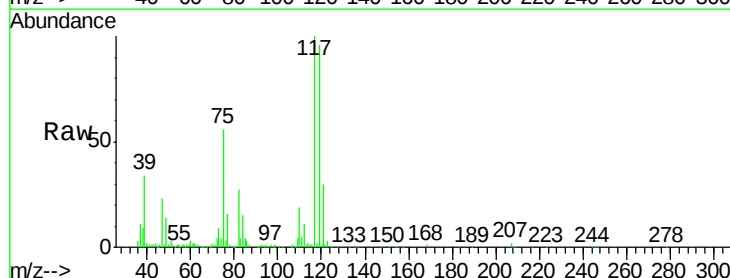
Manual Integrations
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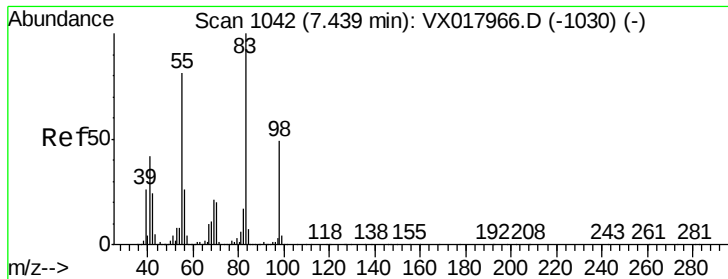
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#38
Carbon Tetrachloride
Concen: 17.849 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion:	117	Resp:	136383
Ion	Ratio	Lower	Upper
117	100		
119	95.1	79.0	118.6
121	30.2	24.7	37.1





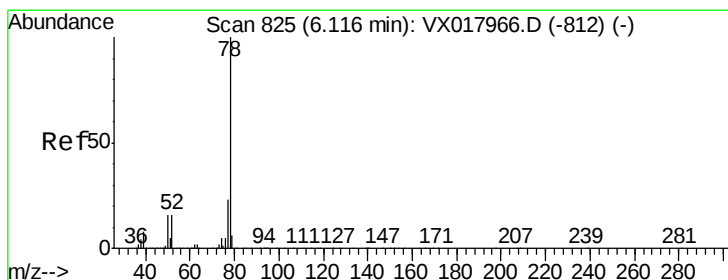
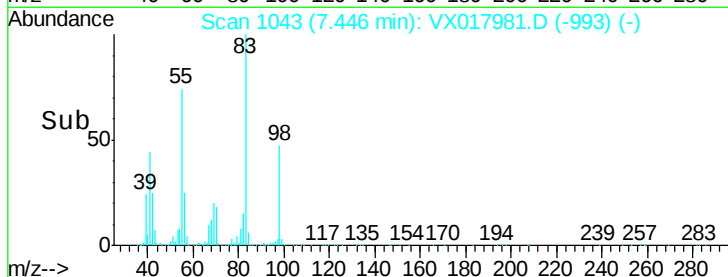
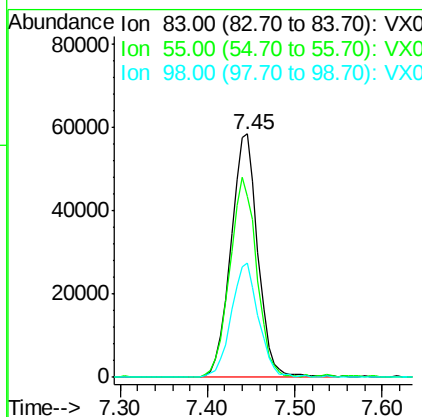
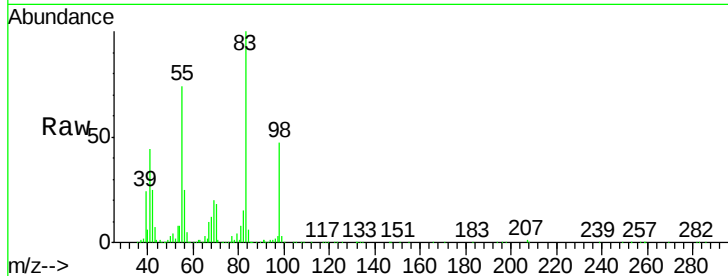
#39
Methvlcvclohexane
Concen: 17.055 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	124846		
55	74.3	64.5	96.7	
98	47.0	39.0	58.6	

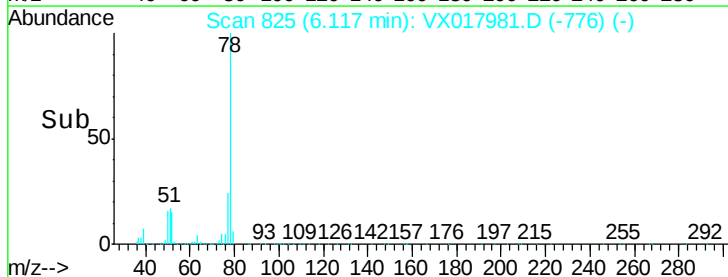
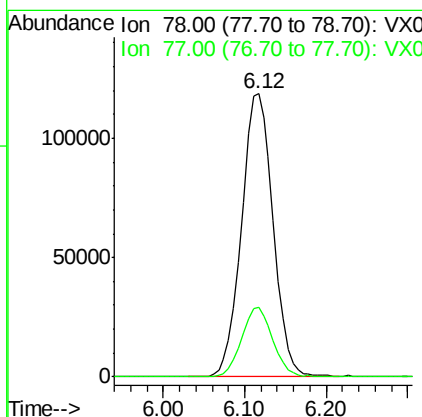
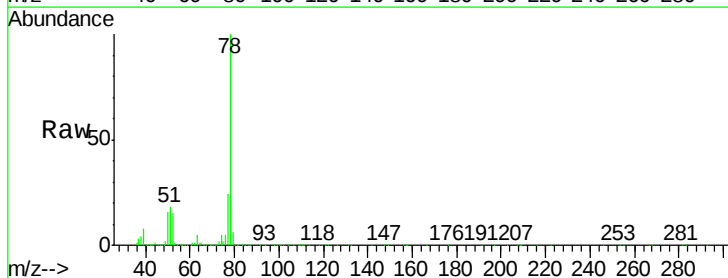
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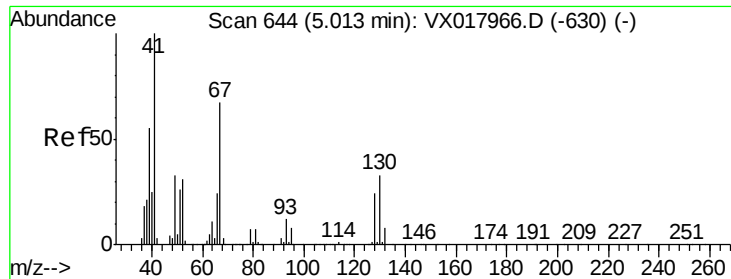
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#40
Benzene
Concen: 17.942 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	319056		
77	24.4	18.8	28.2	





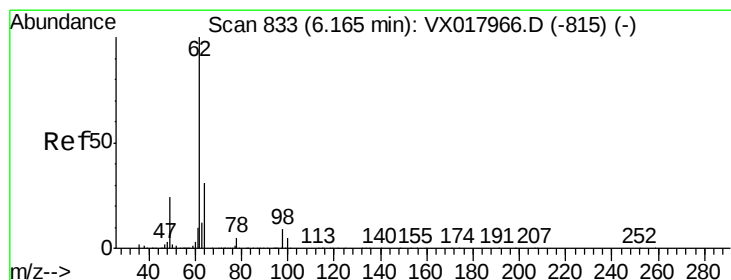
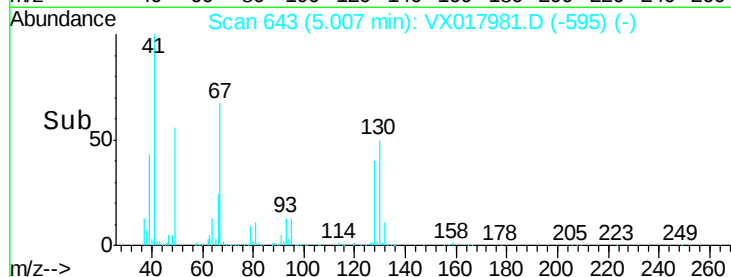
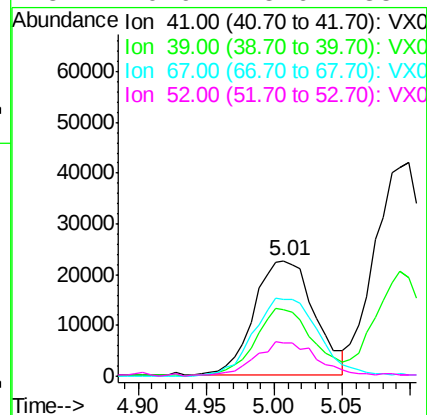
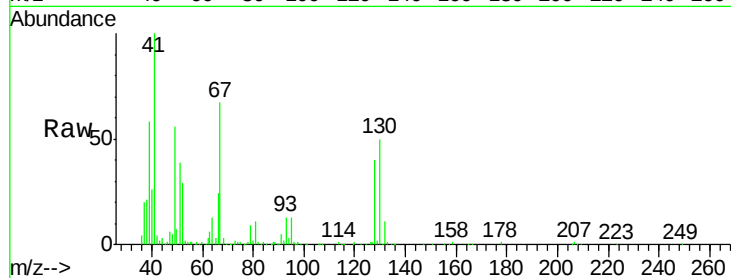
#41
Methacrylonitrile
Concen: 17.400 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	44.8	67.2	
67	73.0	57.5	86.3	
52	29.9	25.6	38.4	

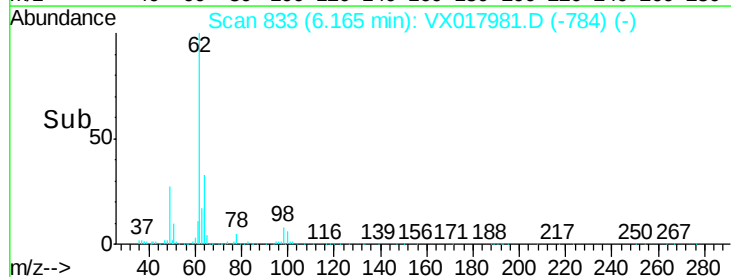
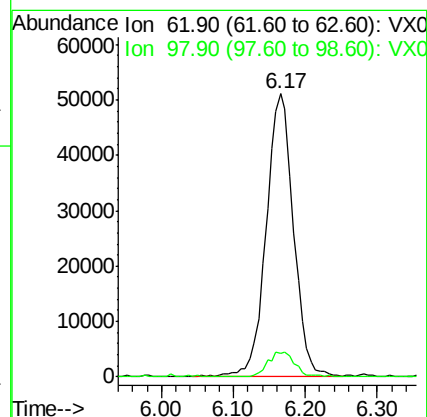
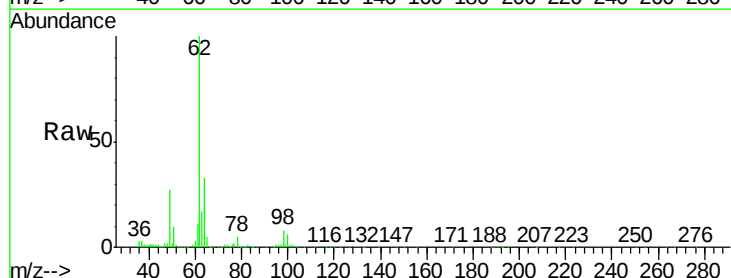
Manual Integrations
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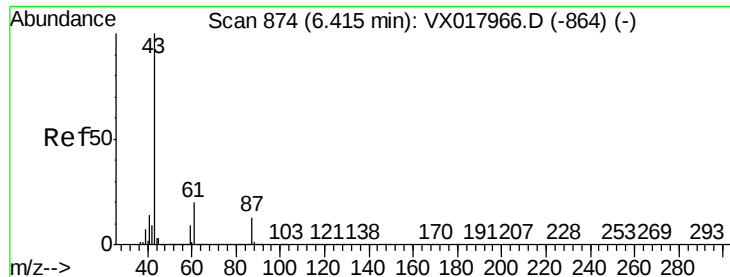
MMDadoda
8/20/2020 9:16:49 AM



#42
1,2-Dichloroethane
Concen: 17.852 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.2	





#43

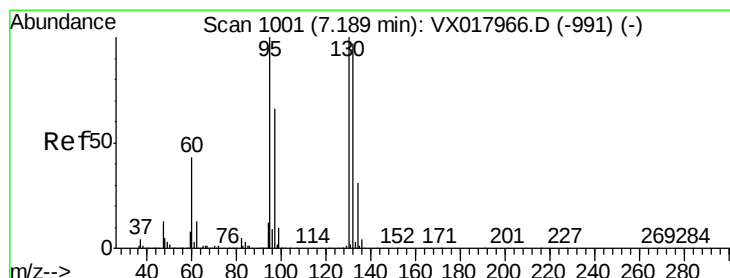
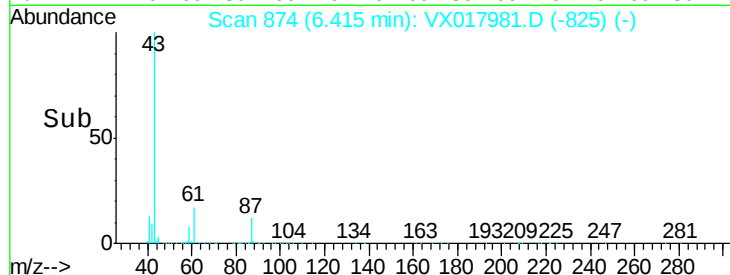
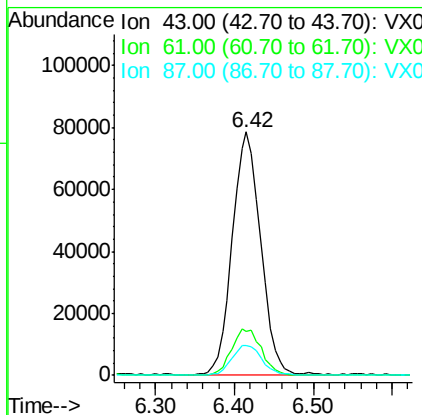
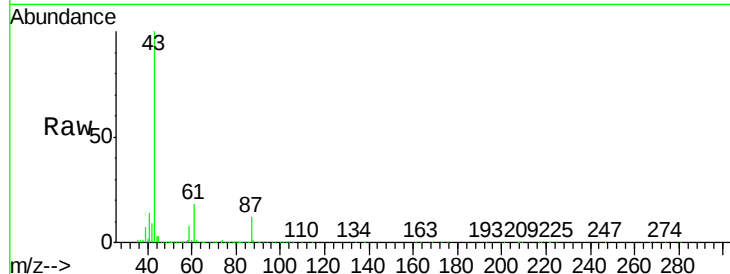
Isopropyl Acetate
 Concen: 17.162 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Tot Ion	43	Resp	195700
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.2	24.4
87	12.8	10.8	16.2

Manual Integrations
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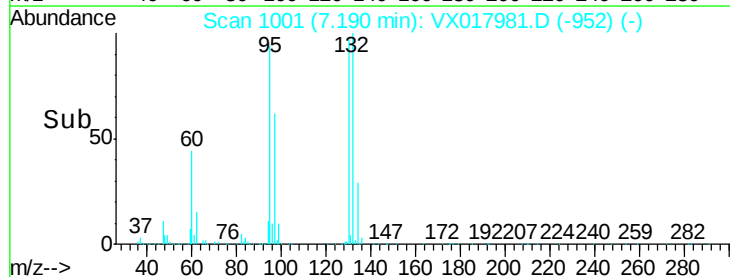
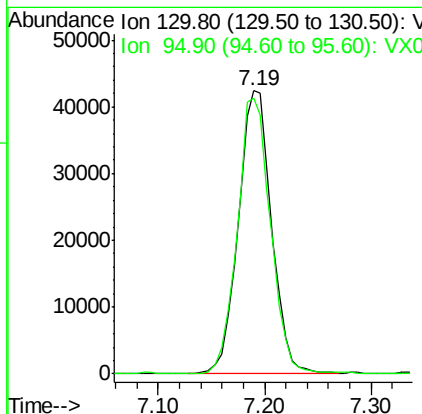
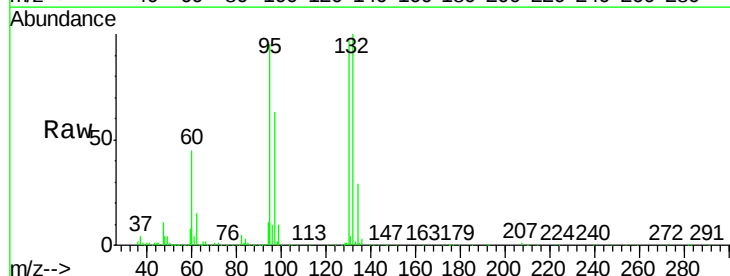
MMDadoda
 8/20/2020 9:16:49 AM

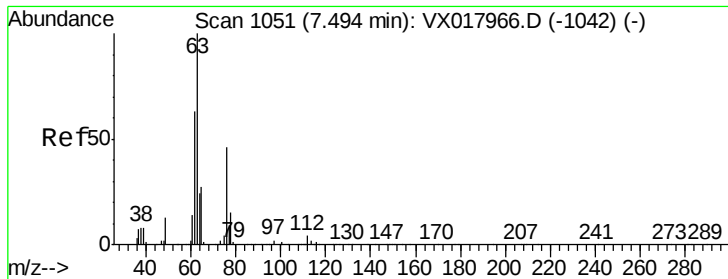


#44

Trichloroethene
 Concen: 17.584 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	130	Resp	92728
Ion Ratio	Lower	Upper	
130	100		
95	97.1	0.0	200.6





#45

1,2-Dichloropropane

Concen: 17.515 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 63 Resp: 89237

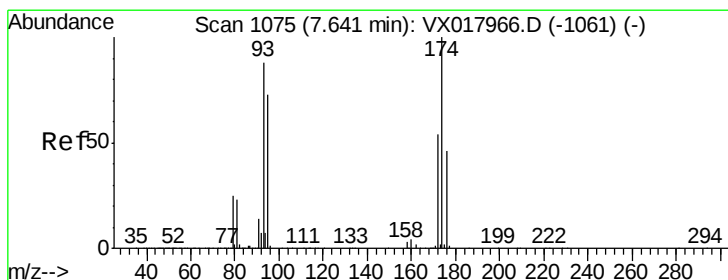
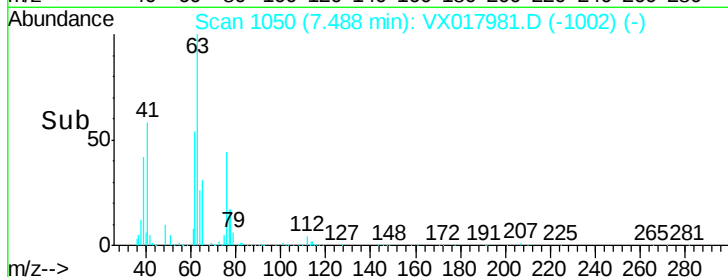
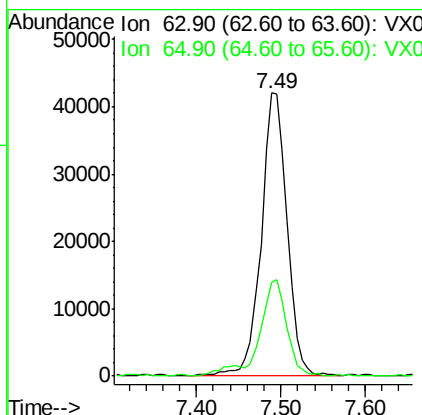
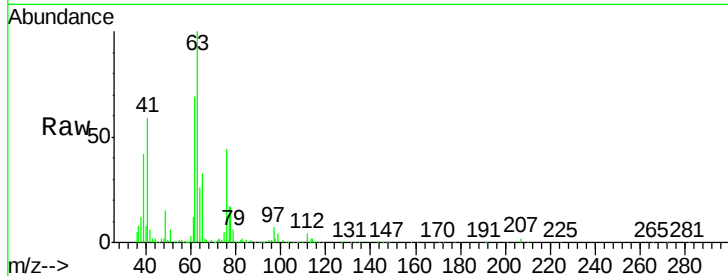
Ion Ratio Lower Upper

63 100

65 32.8 23.8 35.8

Manual Integrations
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#46

Dibromomethane

Concen: 17.959 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

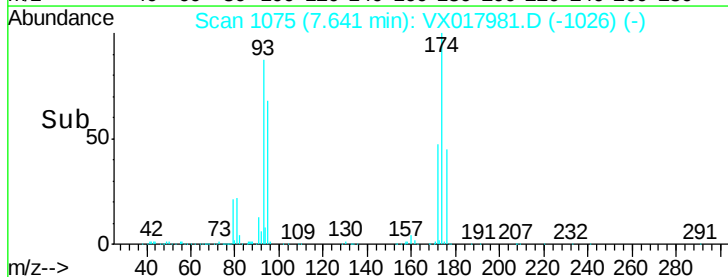
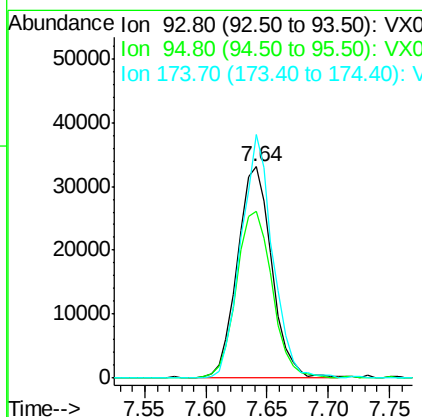
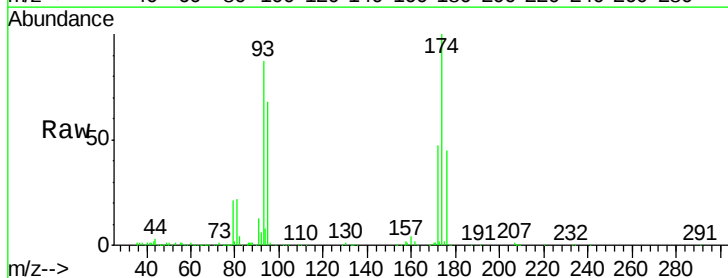
Tgt Ion: 93 Resp: 63859

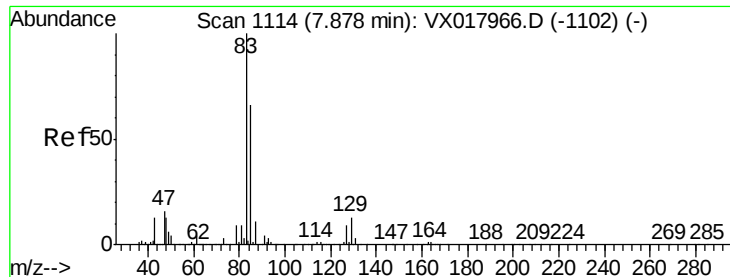
Ion Ratio Lower Upper

93 100

95 83.1 66.8 100.2

174 107.3 88.3 132.5





#47

Bromodichloromethane

Concen: 17.678 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

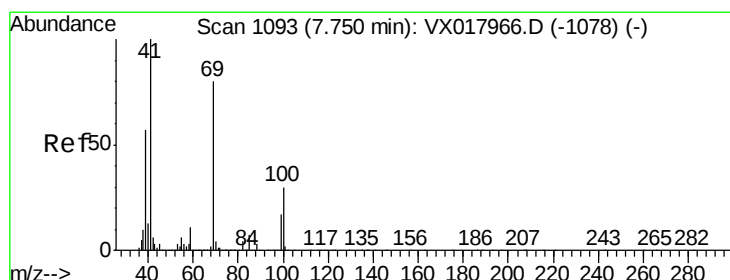
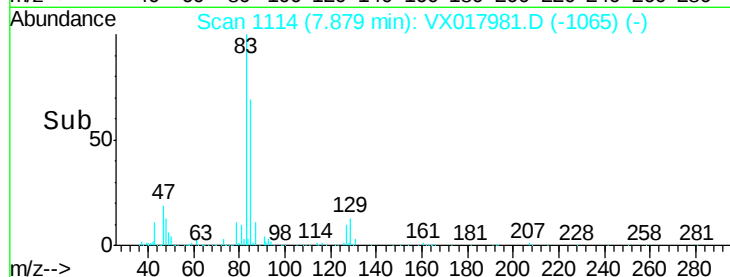
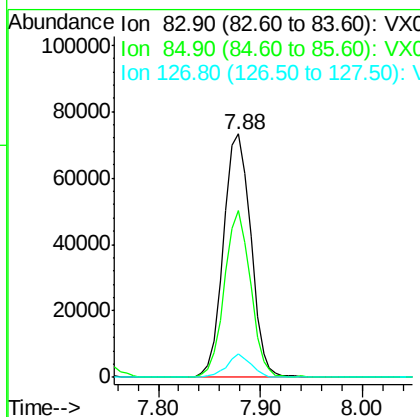
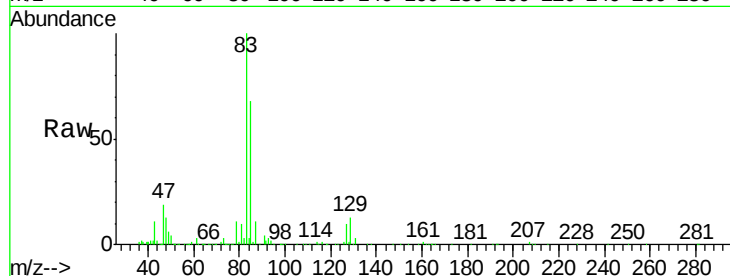
ClientSampleId :

VX0819WBS01

Tot Ion:	83	Resp:	136466
Ion Ratio	Lower	Upper	
83	100		
85	68.2	52.4	78.6
127	9.9	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.076 ug/l

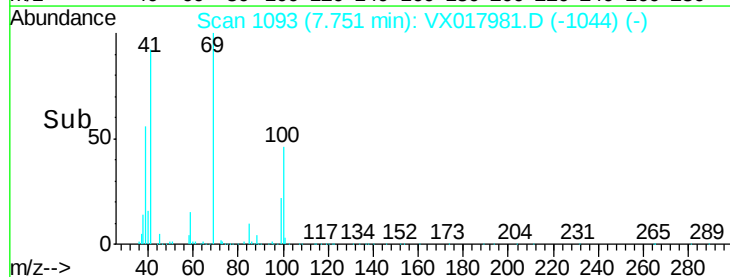
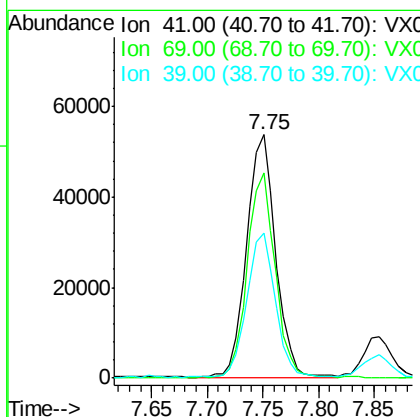
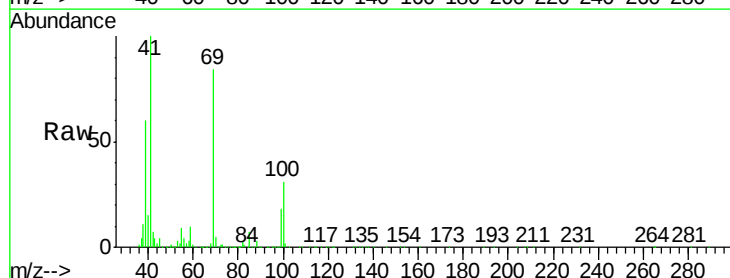
RT: 7.75 min Scan# 1093

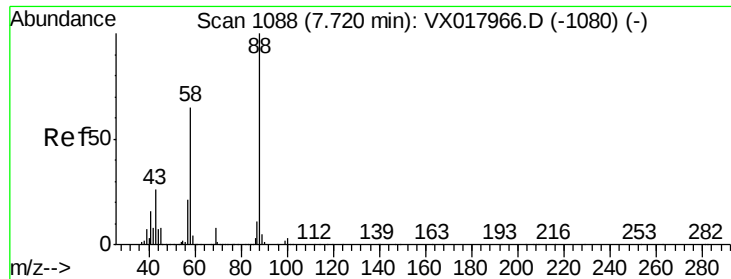
Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion:	41	Resp:	96534
Ion Ratio	Lower	Upper	
41	100		
69	81.8	64.3	96.5
39	58.4	45.3	67.9





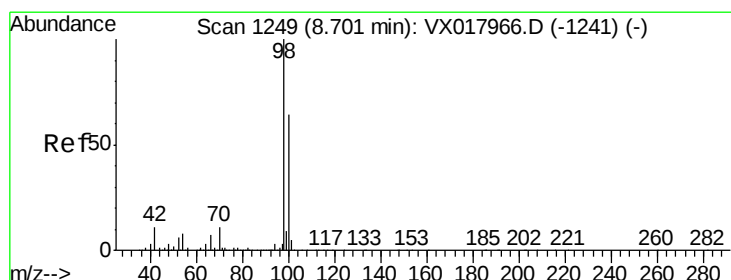
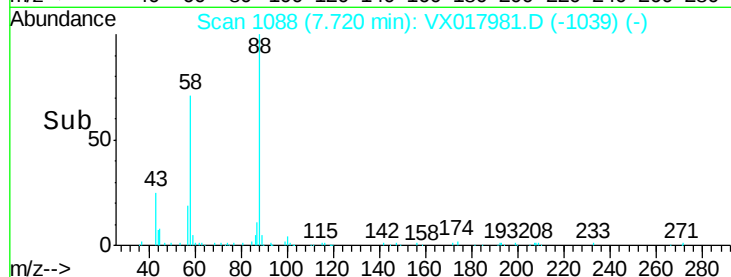
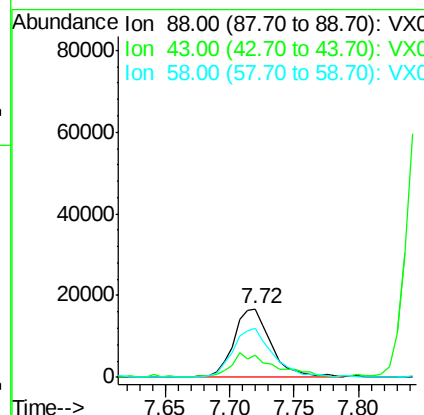
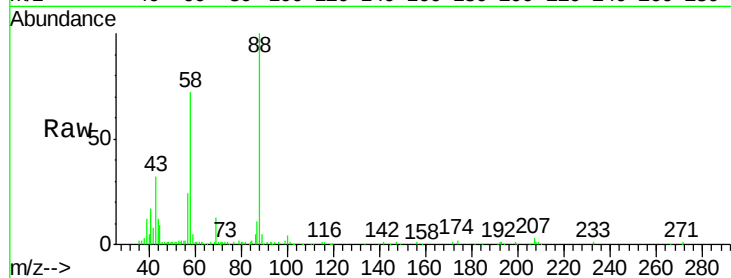
#49
1,4-Dioxane
Concen: 292.204 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.4	27.3	40.9#
58	77.1	57.7	86.5

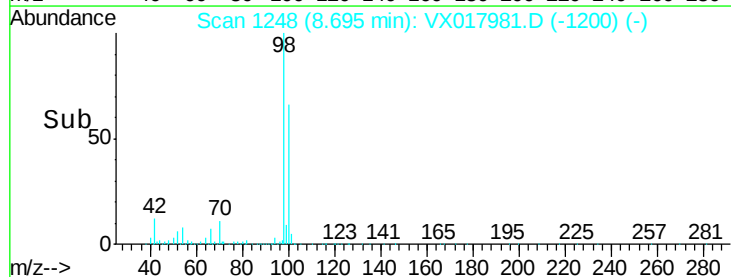
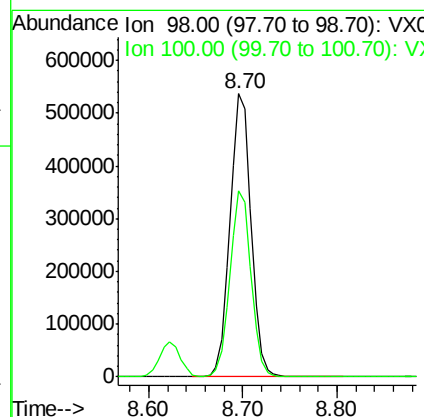
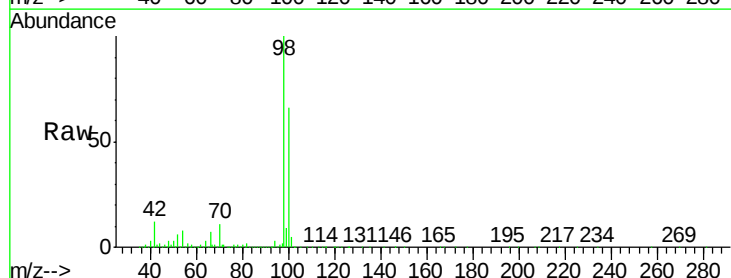
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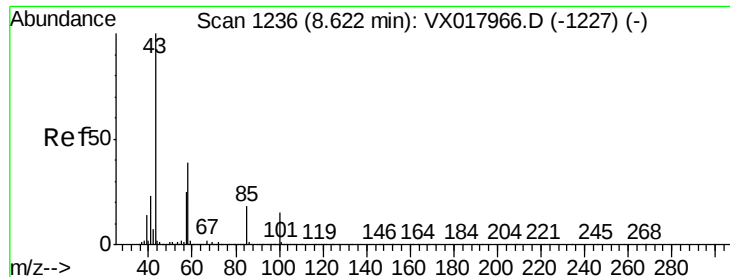
MMDadoda
8/20/2020 9:16:49 AM



#50
Toluene-d8
Concen: 44.781 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 88.002 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 43 Resp: 675662

Ion Ratio Lower Upper

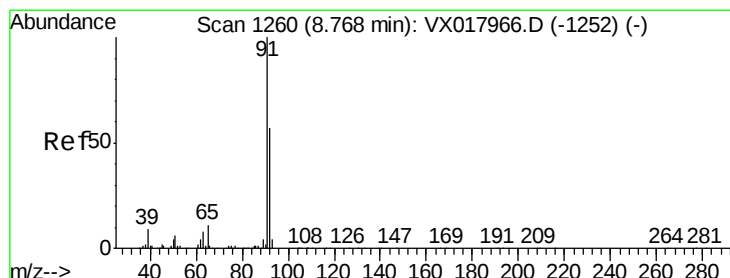
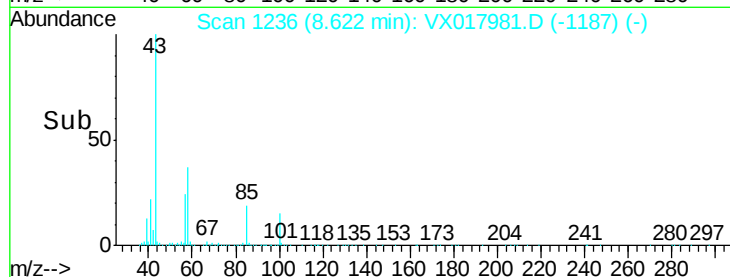
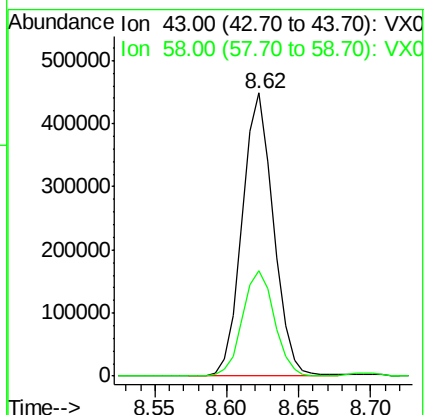
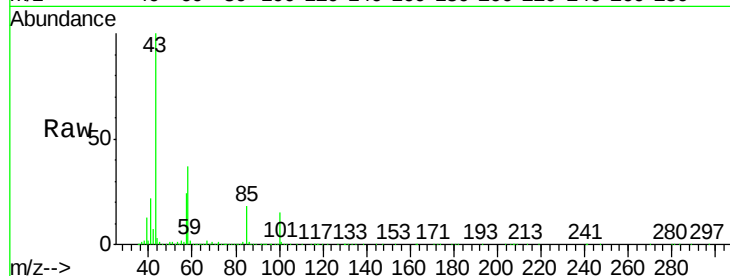
43 100

58 38.1 31.0 46.4

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#52

Toluene

Concen: 17.954 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX017981.D

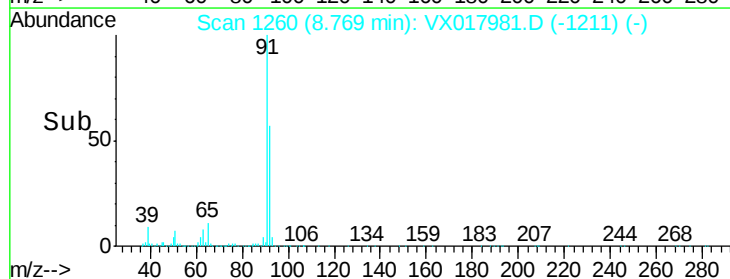
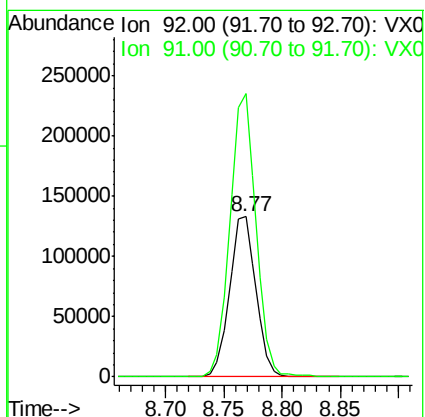
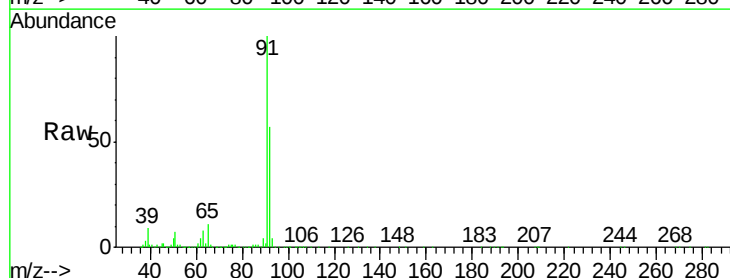
Acq: 19 Aug 2020 13:47

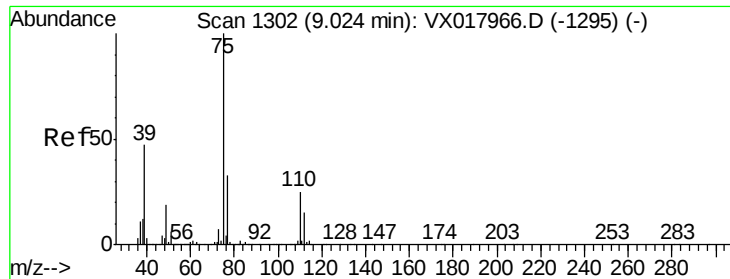
Tgt Ion: 92 Resp: 208877

Ion Ratio Lower Upper

92 100

91 174.8 138.4 207.6





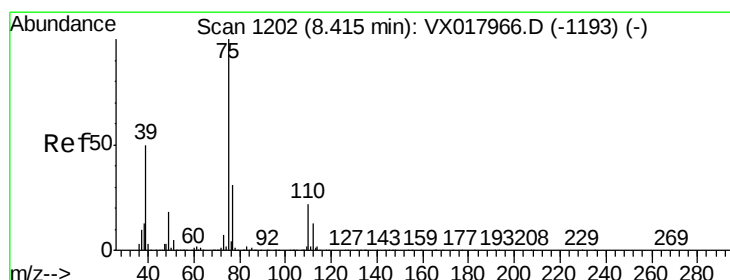
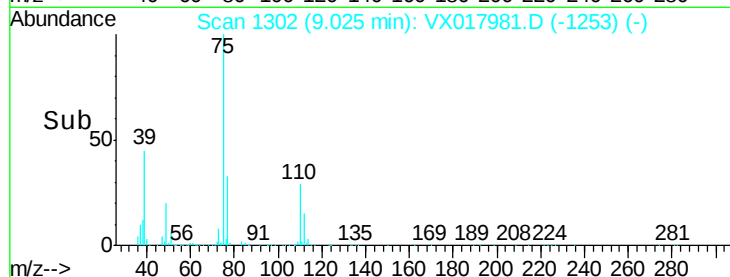
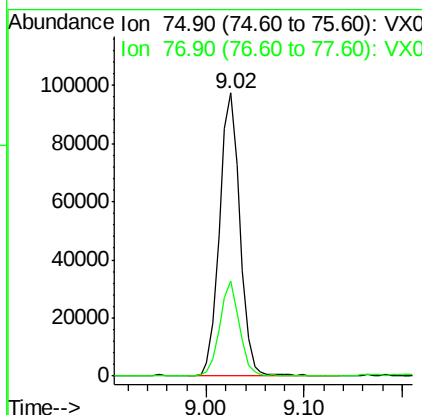
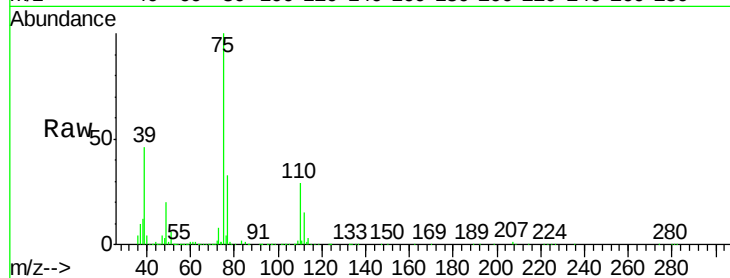
#53
t-1,3-Dichloropropene
Concen: 17.231 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.1	39.1

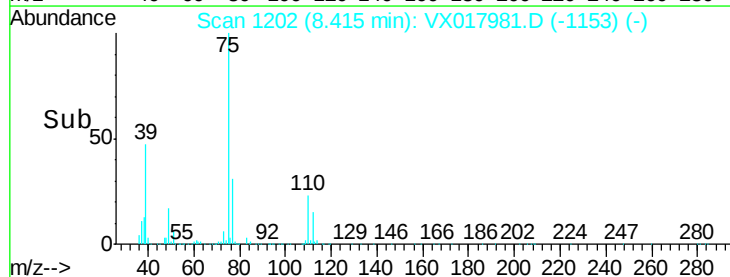
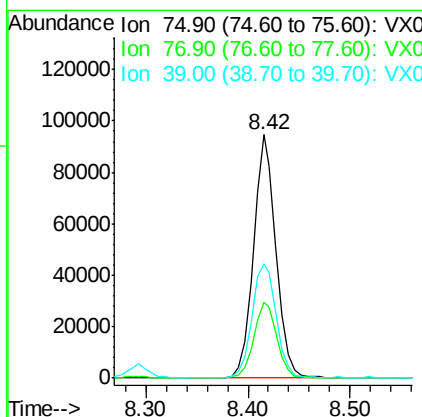
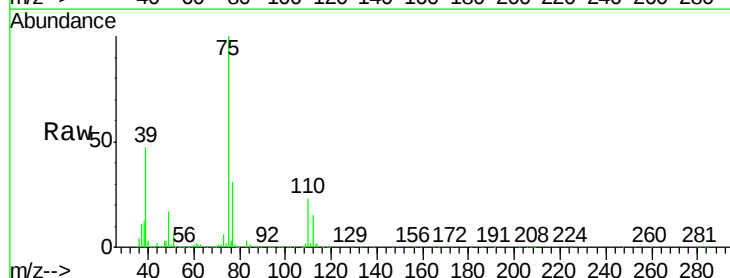
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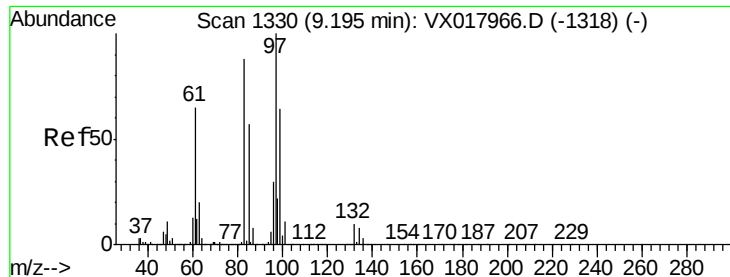
MMDadoda
8/20/2020 9:16:49 AM



#54
cis-1,3-Dichloropropene
Concen: 17.125 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.6	36.8
39	46.9	39.7	59.5





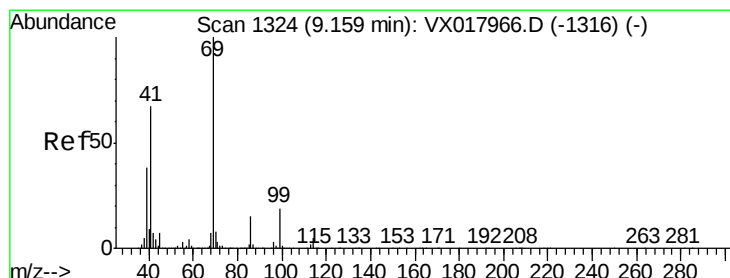
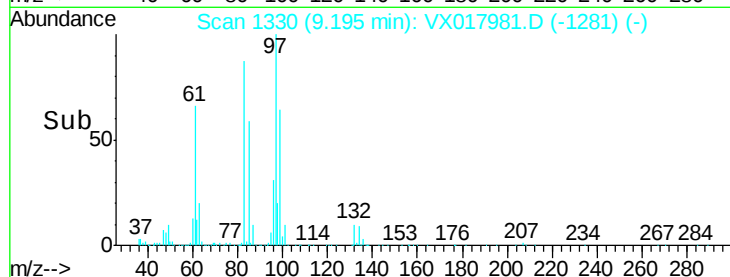
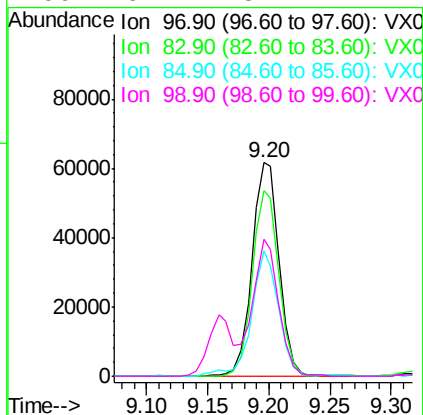
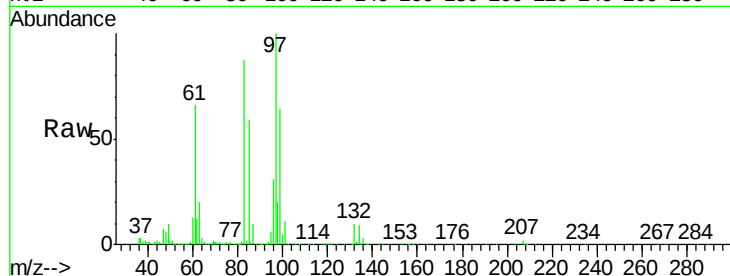
#55
 1,1,2-Trichloroethane
 Concen: 17.864 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		95480		
83	86.7	70.1	105.1		
85	58.6	45.8	68.8		
99	64.2	51.4	77.2		

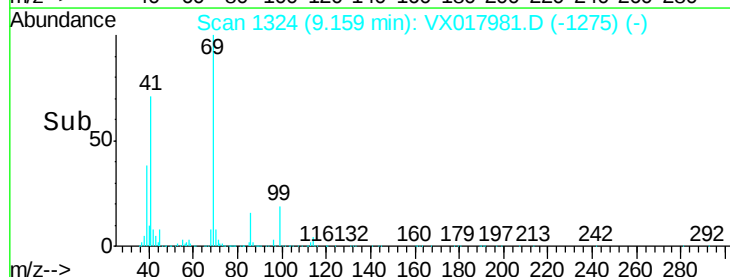
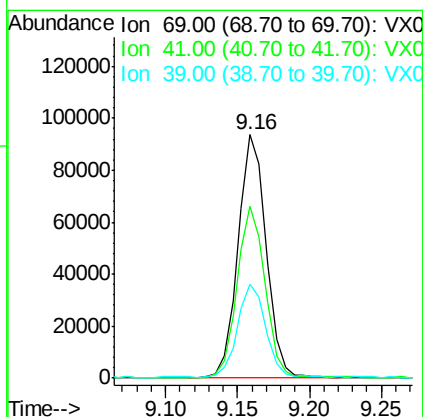
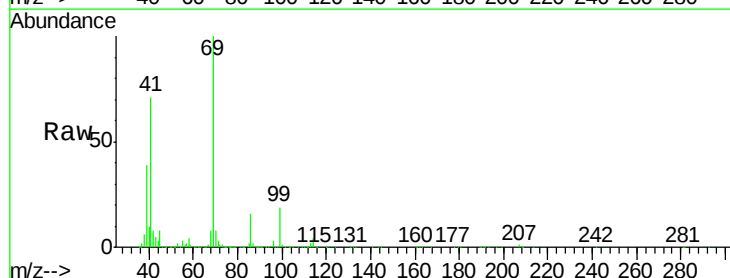
Manual Integrations
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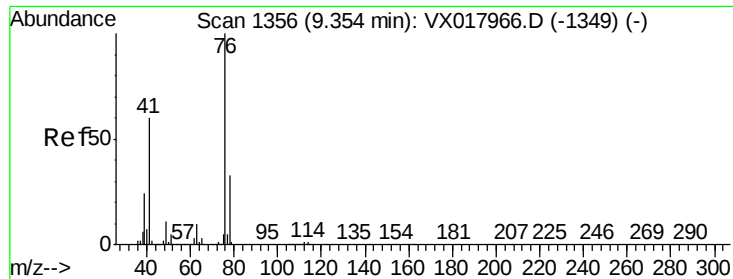
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 8/20/2020 9:16:49 AM



#56
 Ethyl methacrylate
 Concen: 16.761 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		126655		
41	69.7	52.3	78.5		
39	38.7	29.2	43.8		





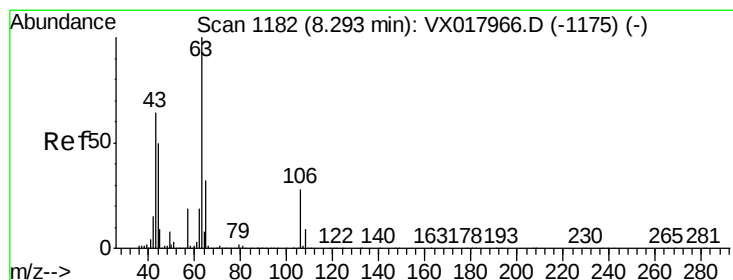
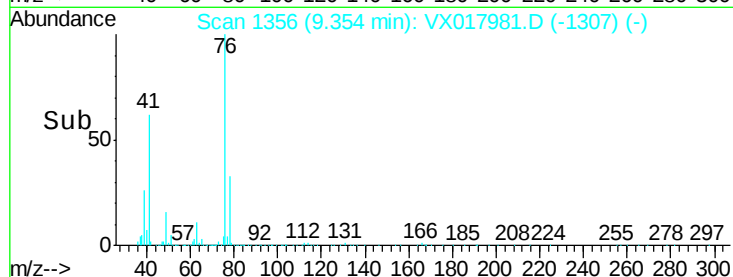
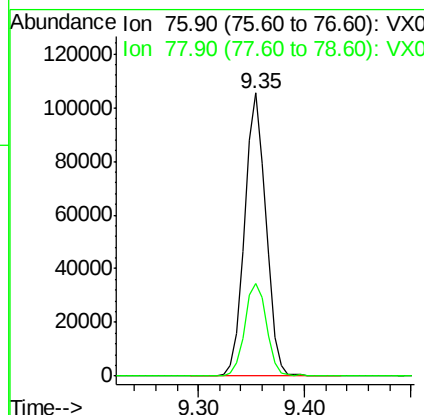
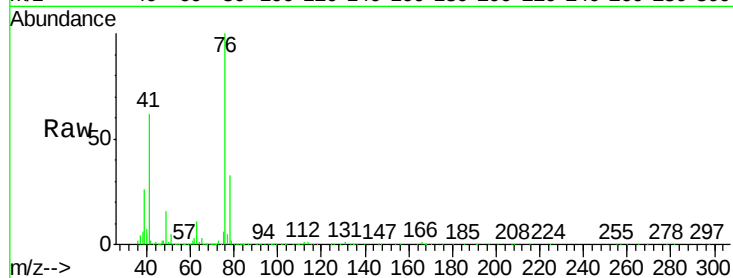
#57
 1,3-Dichloropropane
 Concen: 17.554 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Tot Ion: 76 Resp: 149001
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.4 39.6

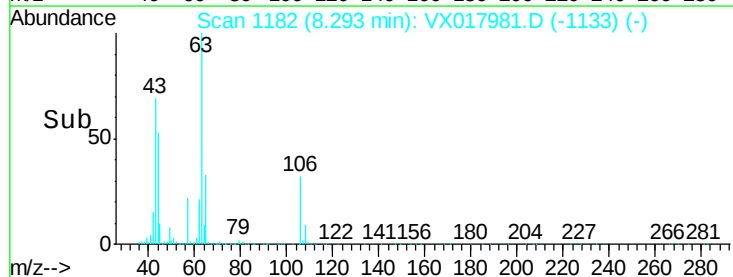
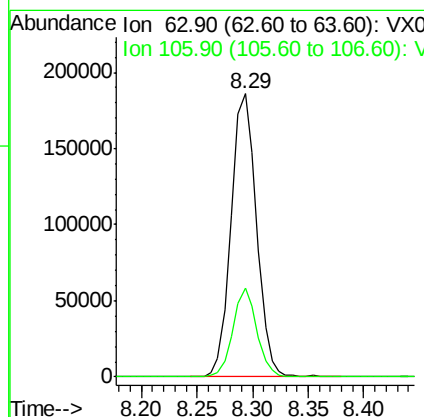
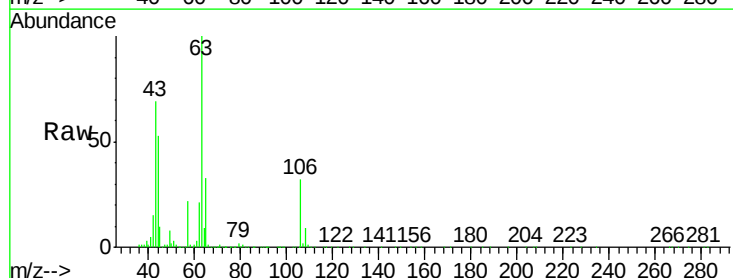
Manual Integrations
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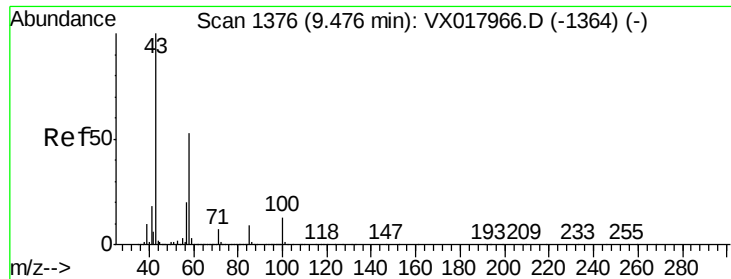
MMDadoda
 8/20/2020 9:16:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.547 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion: 63 Resp: 294753
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.0 34.4





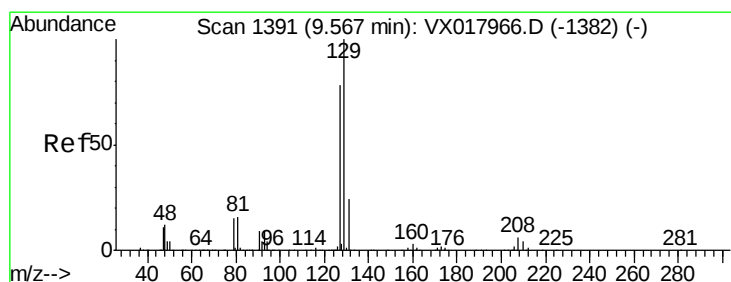
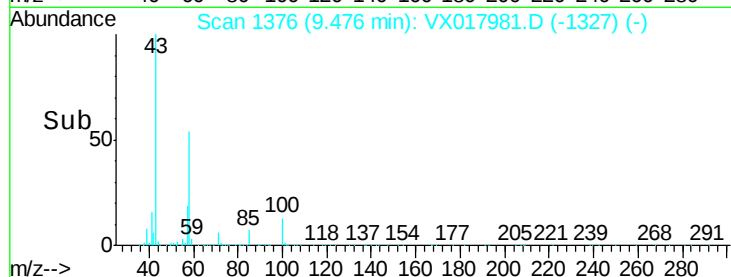
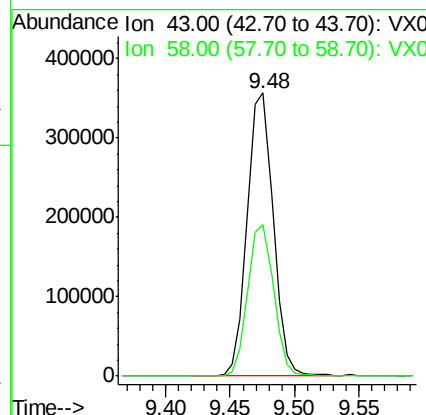
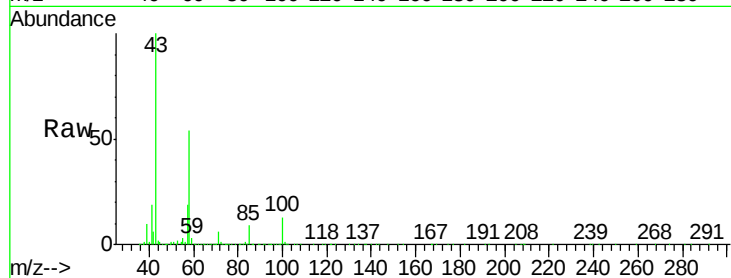
#59
2-Hexanone
Concen: 85.623 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.4	79.0

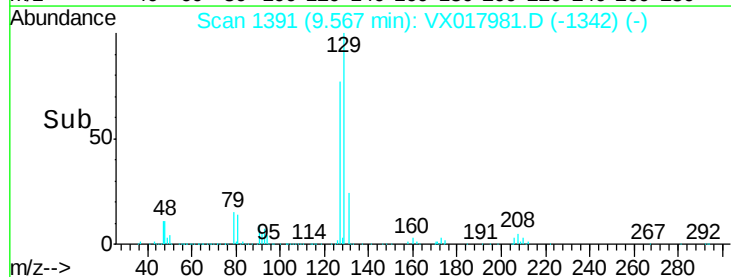
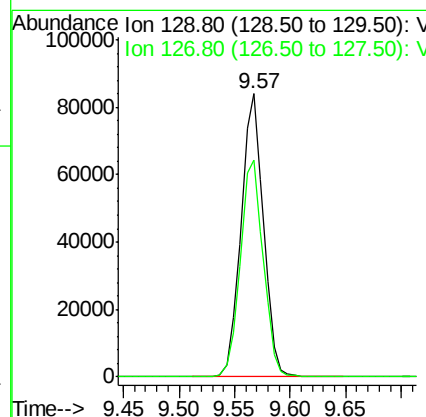
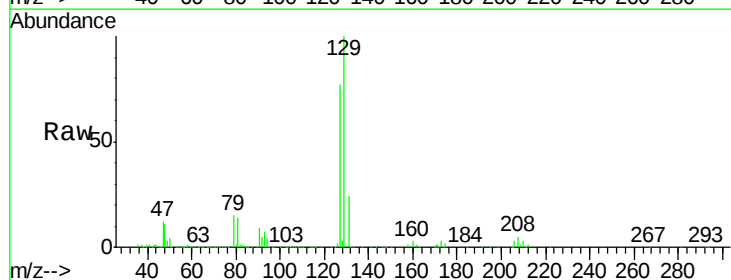
Manual Integrations
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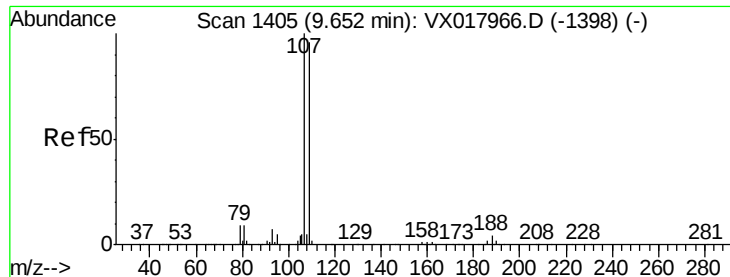
MMDadoda
8/20/2020 9:16:49 AM



#60
Dibromochloromethane
Concen: 17.517 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.5	118.3





#61

1,2-Dibromoethane

Concen: 16.964 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 107 Resp: 100427

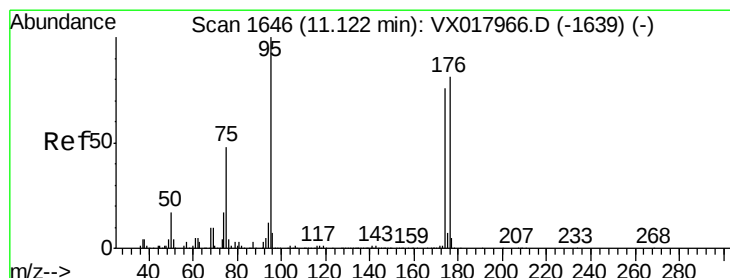
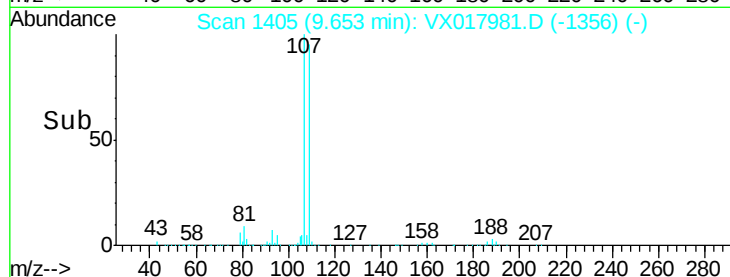
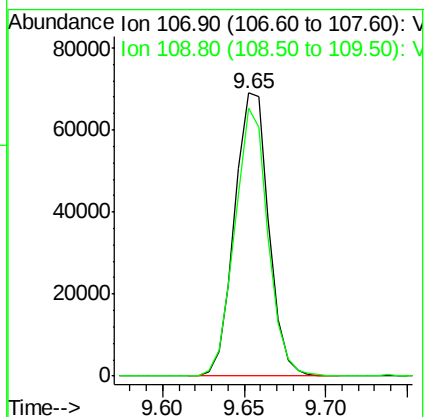
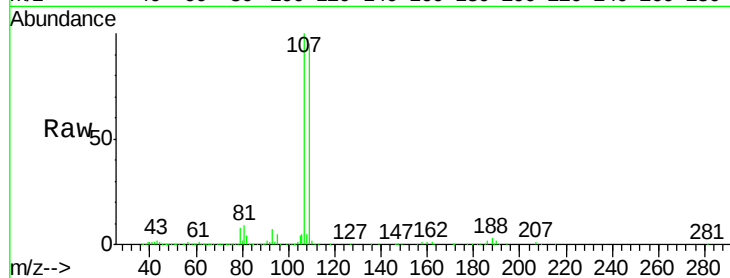
Ion Ratio Lower Upper

107 100

109 92.7 75.5 113.3

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:16:49 AM



#62

4-Bromofluorobenzene

Concen: 47.694 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

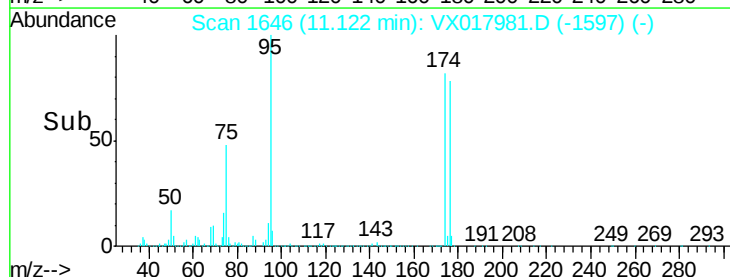
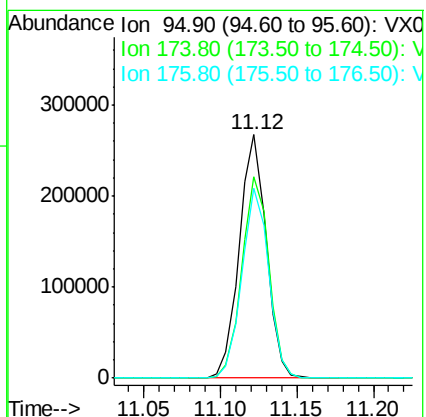
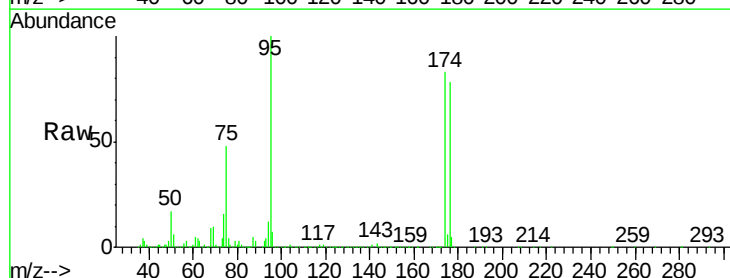
Tgt Ion: 95 Resp: 327070

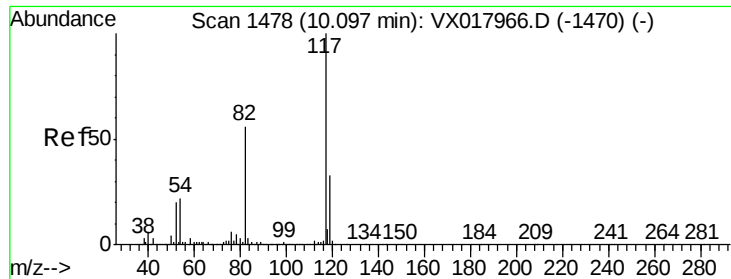
Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.0

176 77.6 0.0 161.0





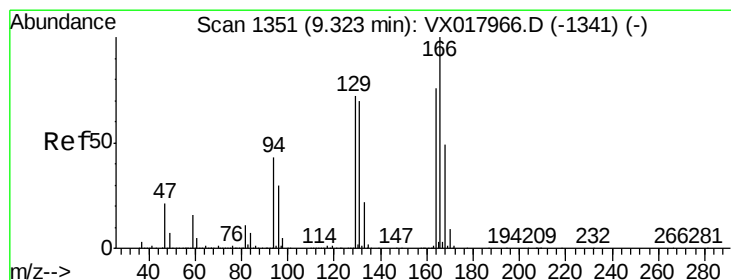
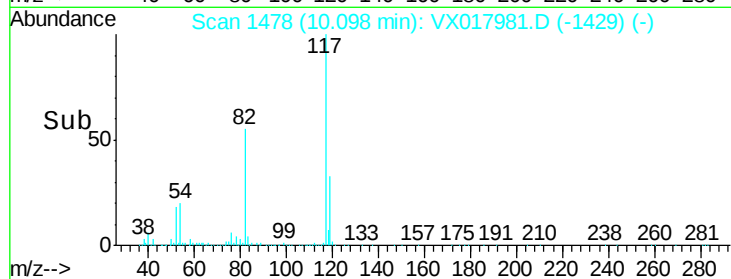
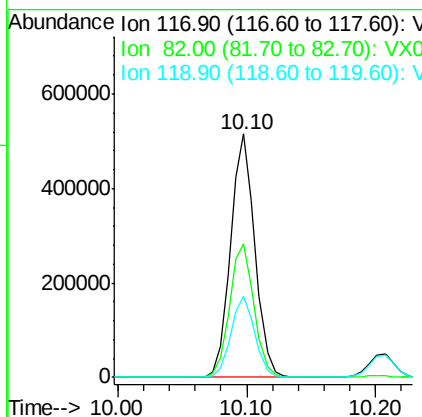
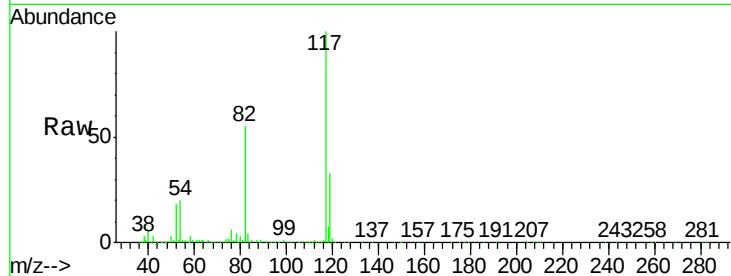
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	678256		
82	54.8		44.6	66.8
119	33.1		26.2	39.4

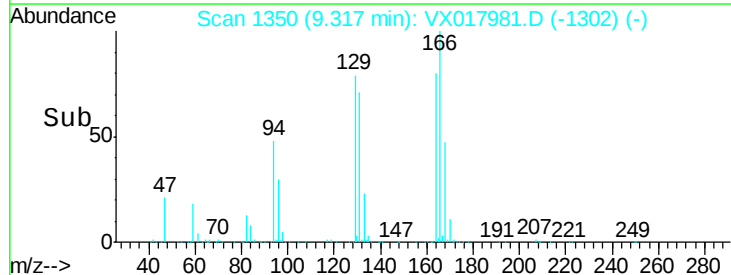
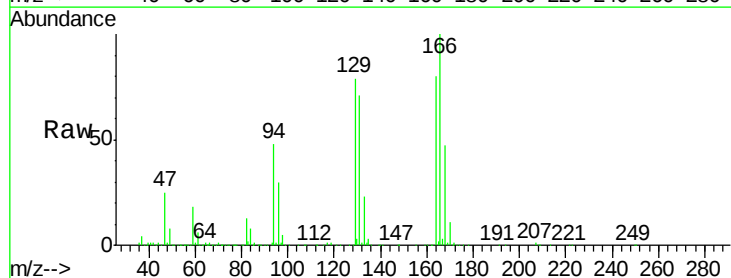
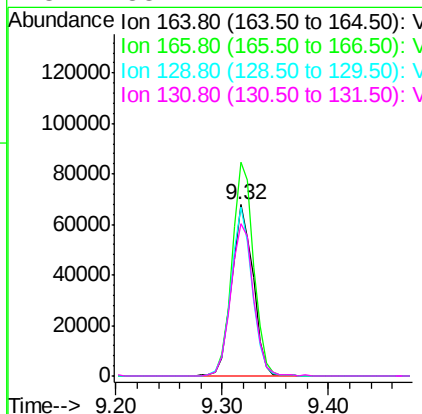
Manual Integrations
APPROVED

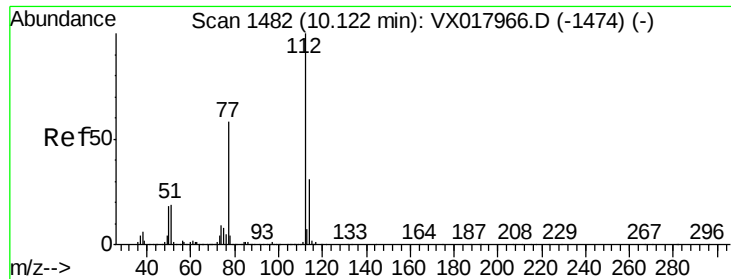
MMDadoda
8/20/2020 9:16:49 AM



#64
Tetrachloroethene
Concen: 18.530 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95981		
166	124.7		105.7	158.5
129	98.3		75.8	113.8
131	88.7		74.2	111.4





#65

Chlorobenzene

Concen: 18.135 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion:112 Resp: 244162

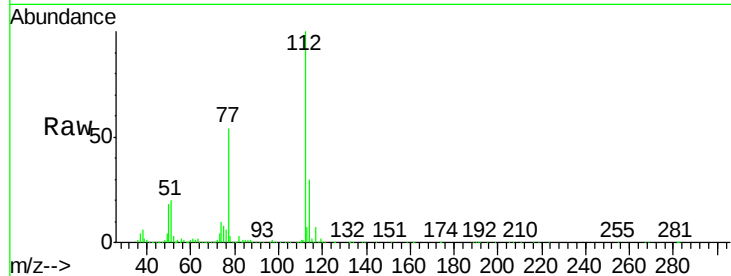
Ion Ratio Lower Upper

112 100

114 30.3 25.0 37.6

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

200000

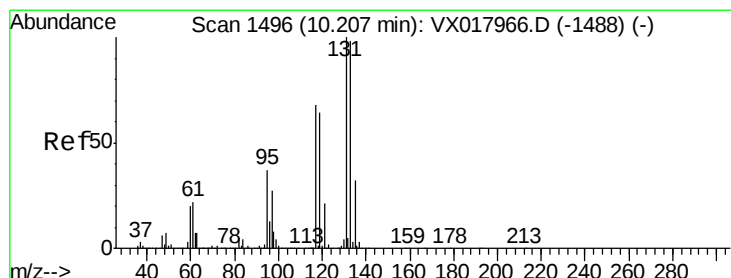
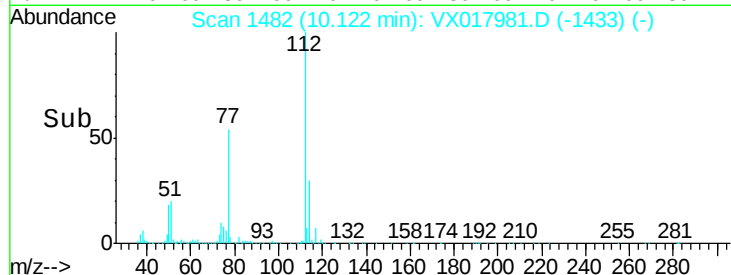
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.017 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

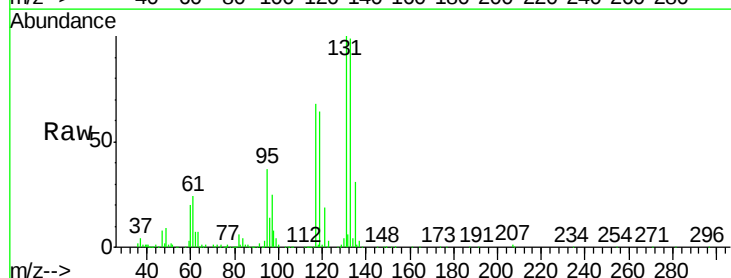
Tgt Ion:131 Resp: 102607

Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.3

119 62.4 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

100000

80000

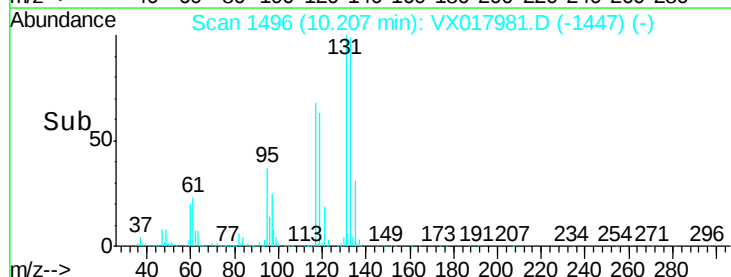
60000

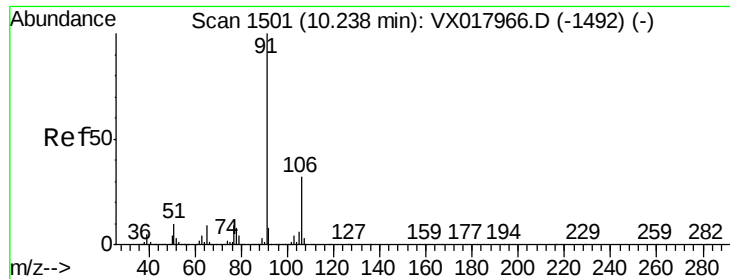
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 18.008 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampled :

VX0819WBS01

Tot Ion: 91 Resp: 399673

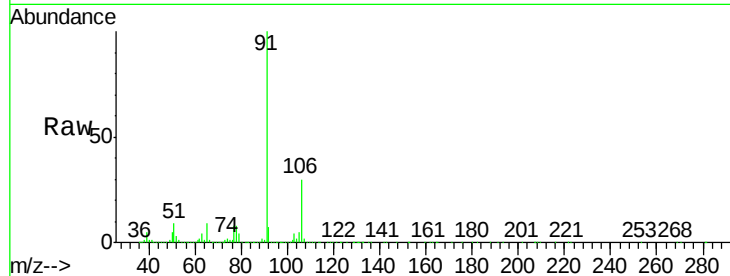
Ion Ratio Lower Upper

91 100

106 29.5 25.4 38.0

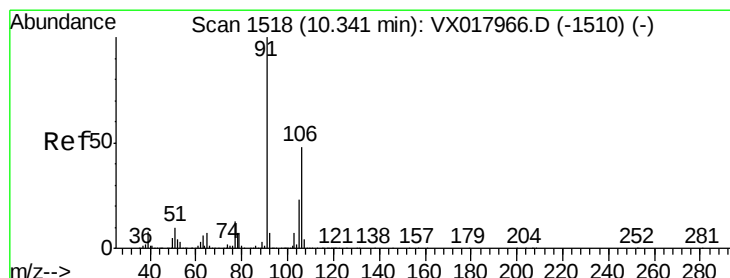
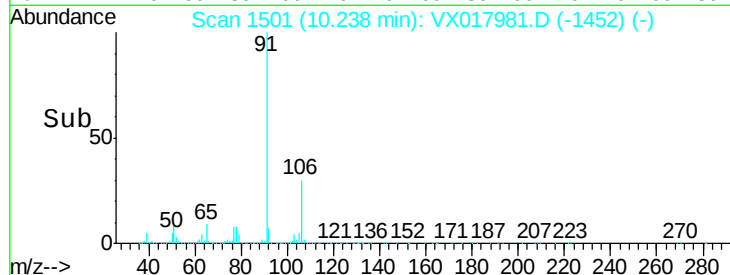
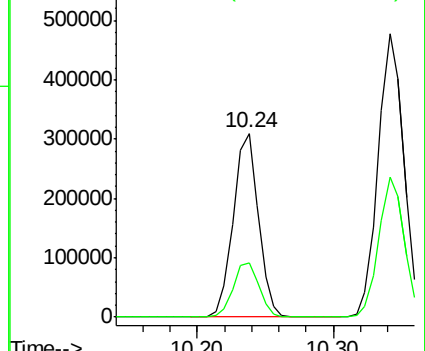
Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:16:49 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.967 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017981.D

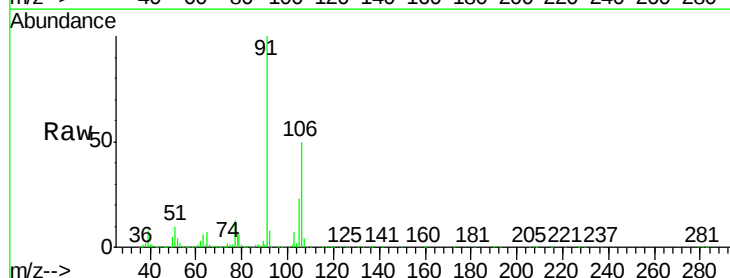
Acq: 19 Aug 2020 13:47

Tgt Ion: 106 Resp: 307325

Ion Ratio Lower Upper

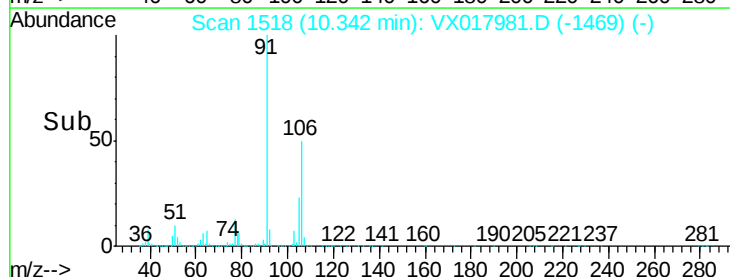
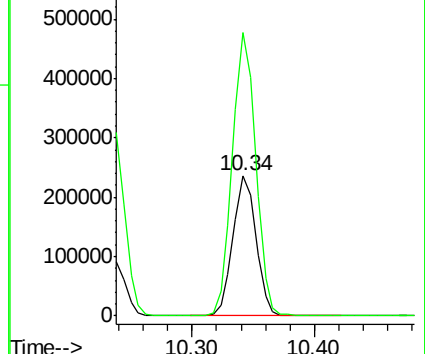
106 100

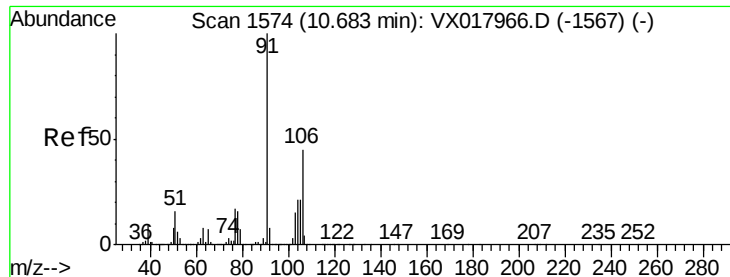
91 203.7 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





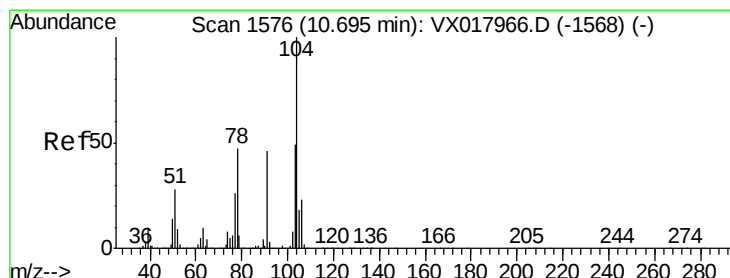
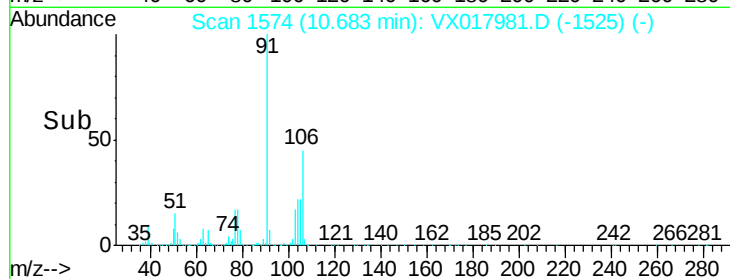
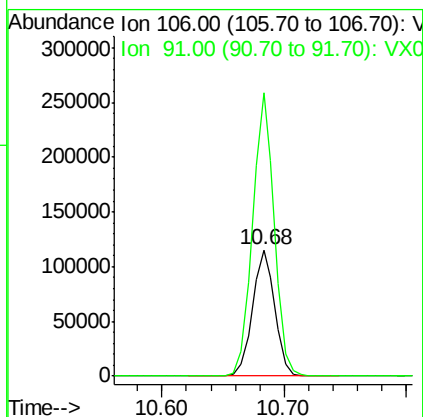
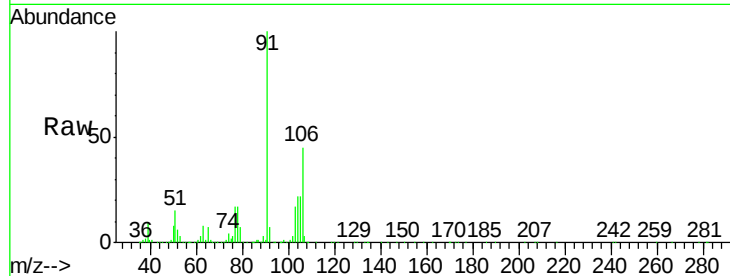
#69
o-Xylene
Concen: 17.775 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	146461		
91	91	218.0	108.1	324.2	

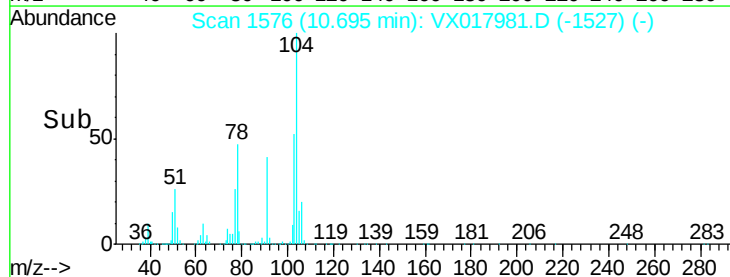
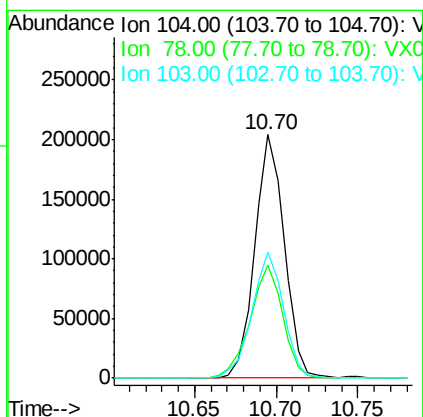
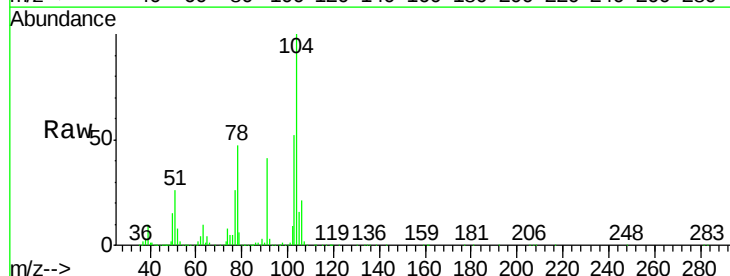
Manual Integrations
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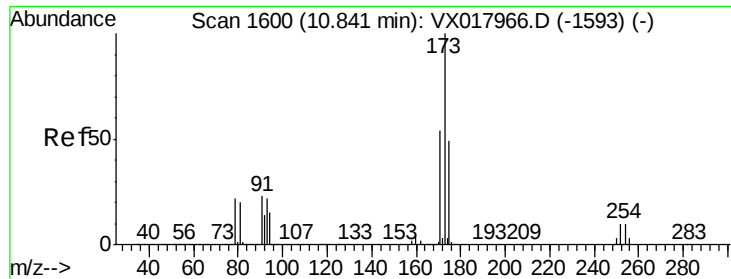
MMDadoda
8/20/2020 9:16:49 AM



#70
Styrene
Concen: 18.181 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	258454		
78	78	51.6	41.3	61.9	
103	103	55.5	42.9	64.3	





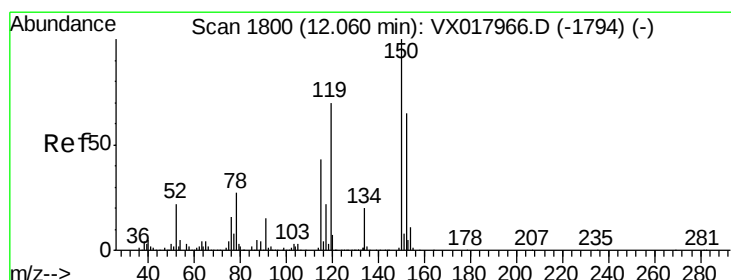
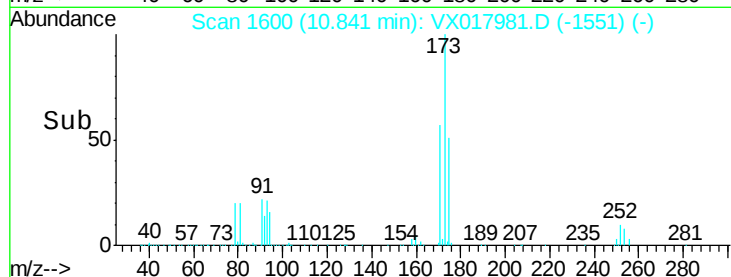
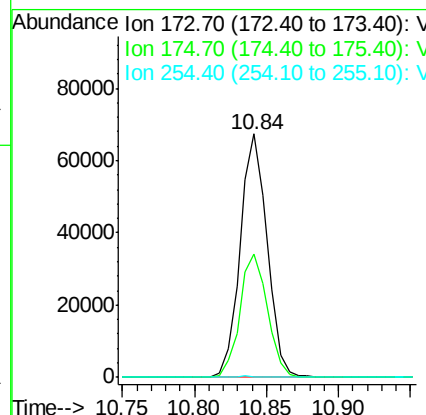
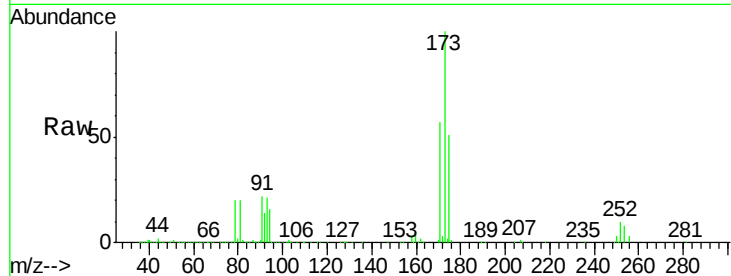
#71
Bromoform
Concen: 17.225 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.6	24.4	73.2
254	0.3	0.2	0.2#

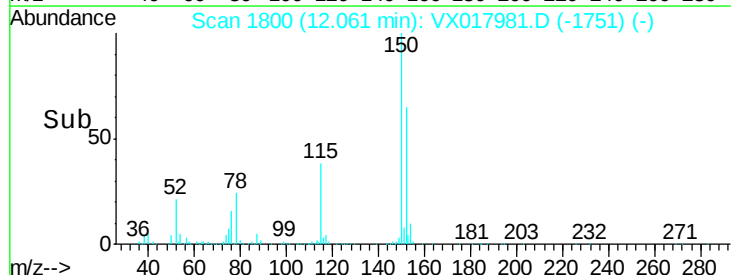
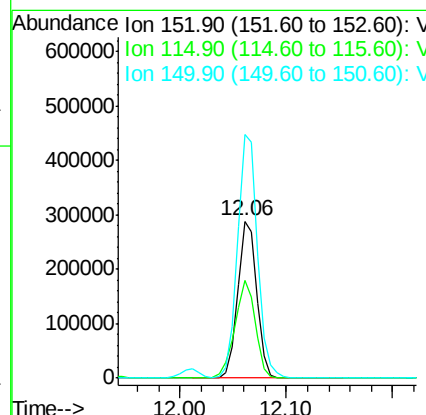
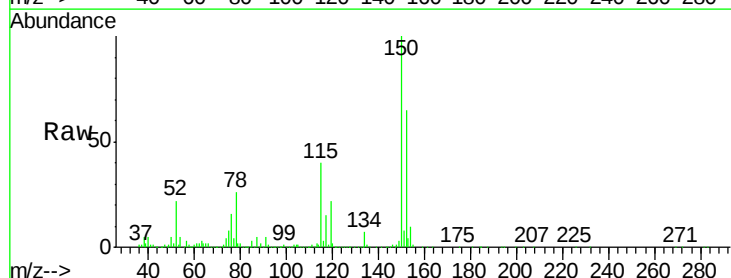
Manual Integrations
APPROVED

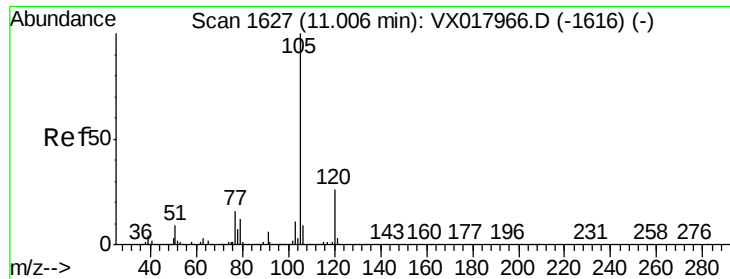
MMDadoda
8/20/2020 9:16:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.1	40.6	121.7
150	163.2	0.0	346.4





#73

Isopropylbenzene

Concen: 17.816 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 105 Resp: 414564

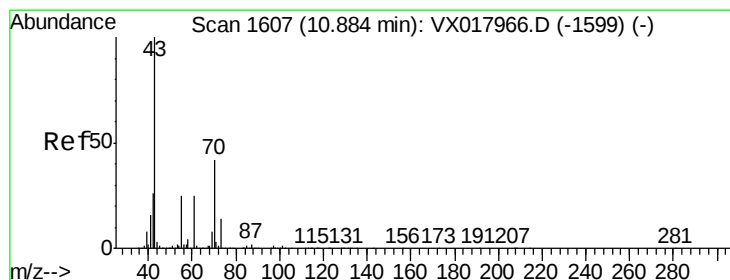
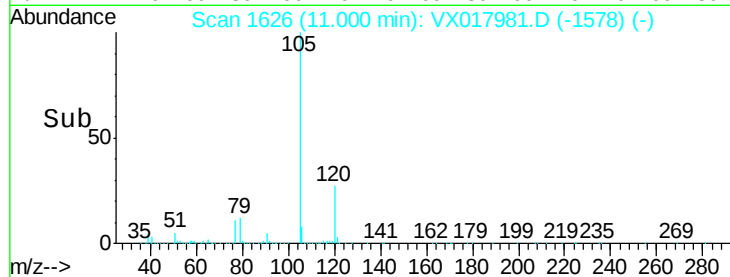
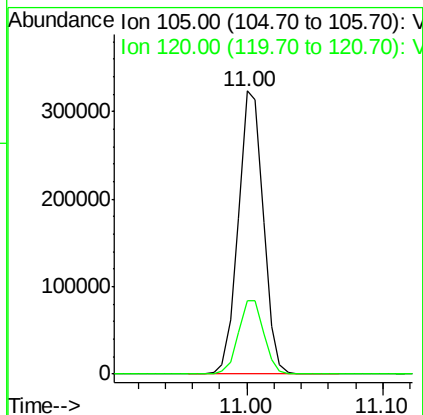
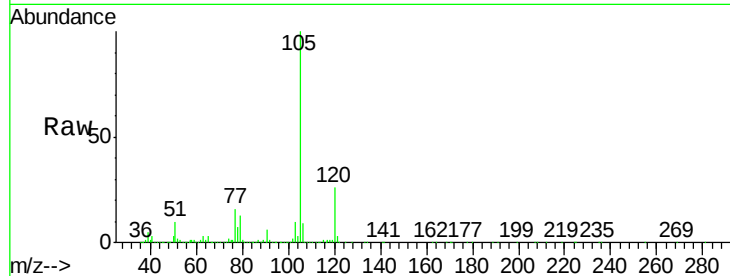
Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:16:49 AM



#74

N-ethyl acetate

Concen: 16.636 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion: 43 Resp: 172184

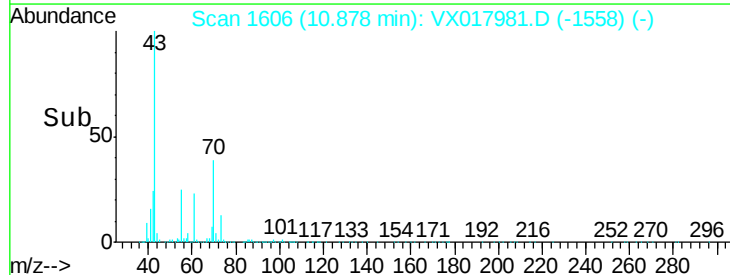
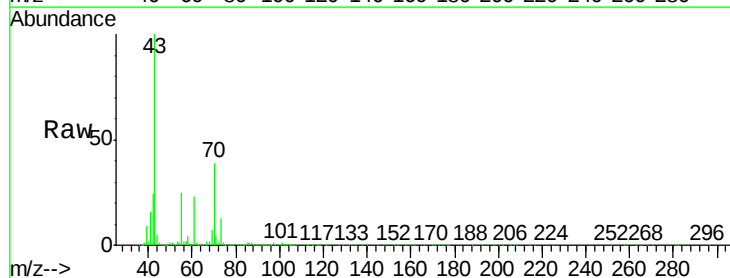
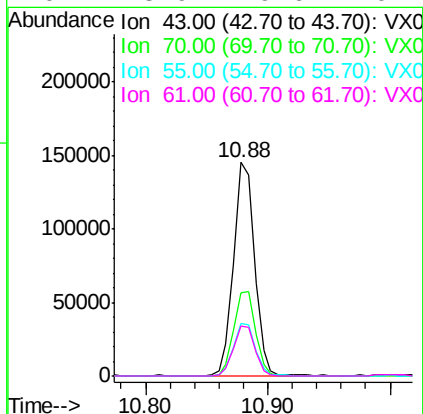
Ion Ratio Lower Upper

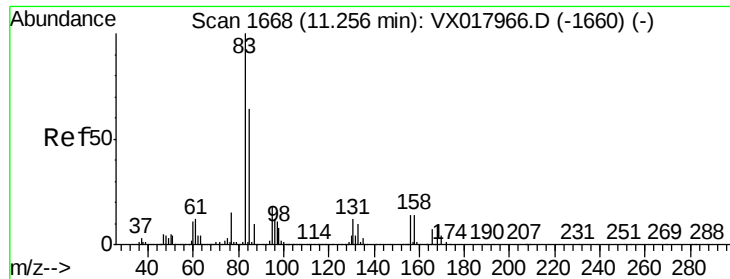
43 100

70 40.7 32.9 49.3

55 26.1 19.3 28.9

61 23.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.263 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

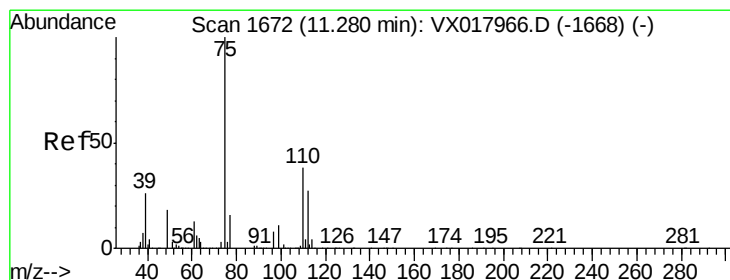
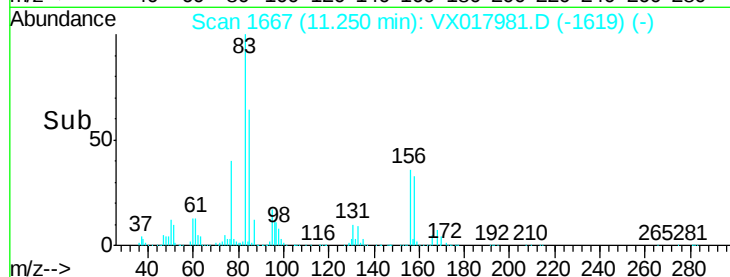
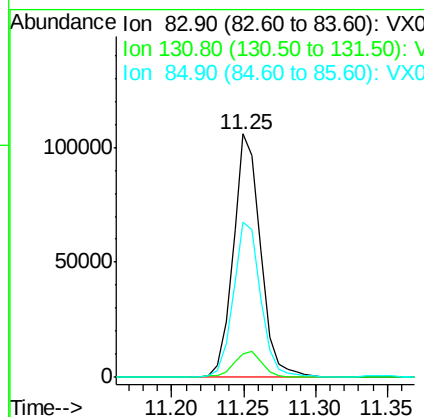
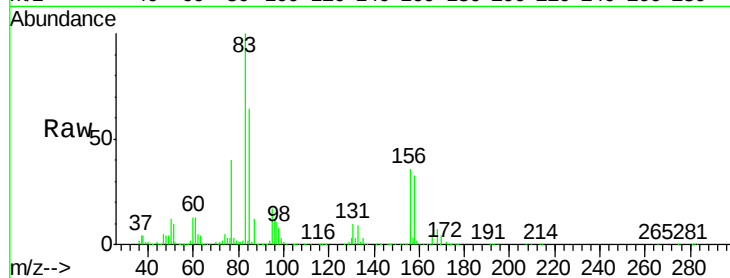
ClientSampleId :

VX0819WBS01

Tot Ion:	83	Resp:	140135
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.0
85	64.7	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 17.900 ug/l m

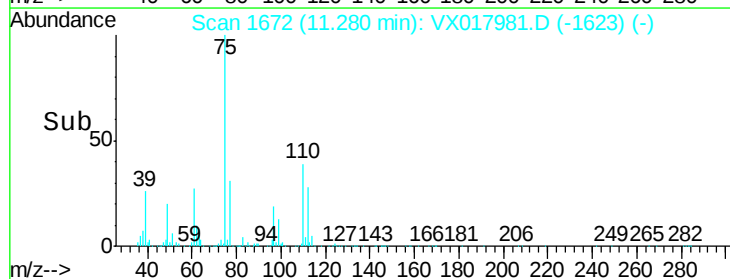
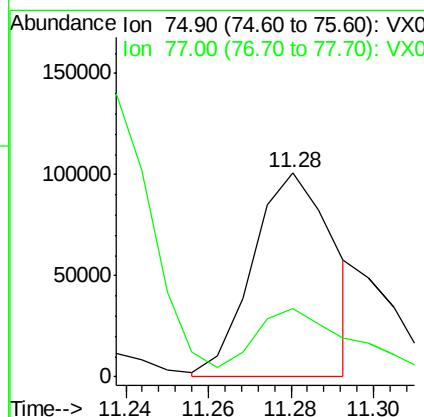
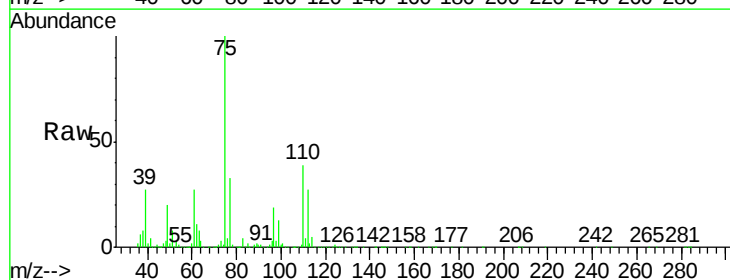
RT: 11.28 min Scan# 1672

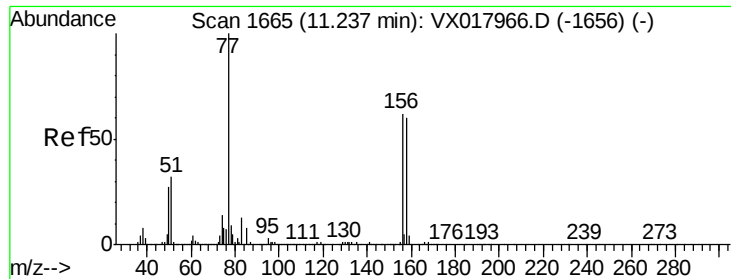
Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion:	75	Resp:	137625
Ion Ratio	Lower	Upper	
75	100		
77	40.6	21.1	63.1





#77

Bromobenzene

Concen: 17.773 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

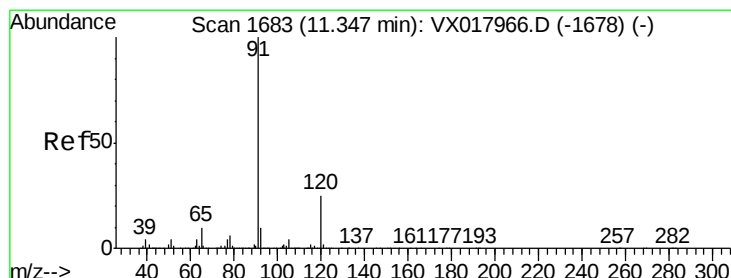
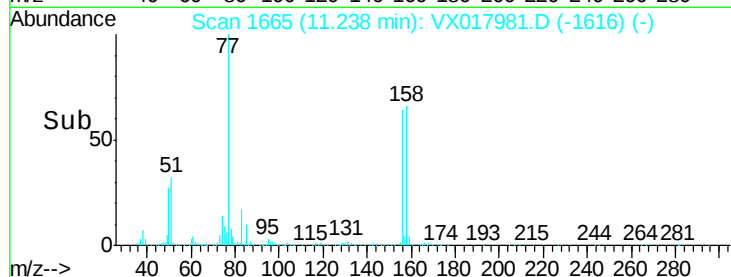
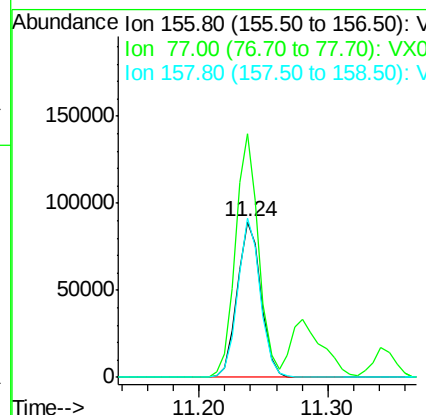
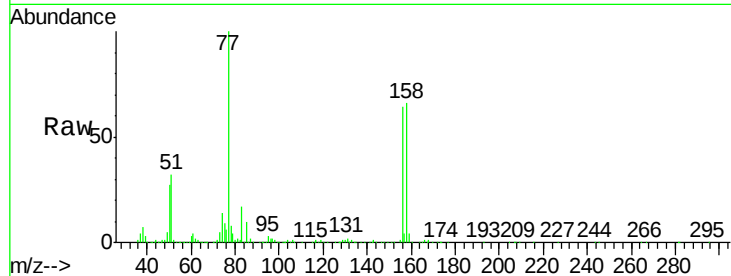
ClientSampleId :

VX0819WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.8	78.0	234.0
158	97.5	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 17.118 ug/l

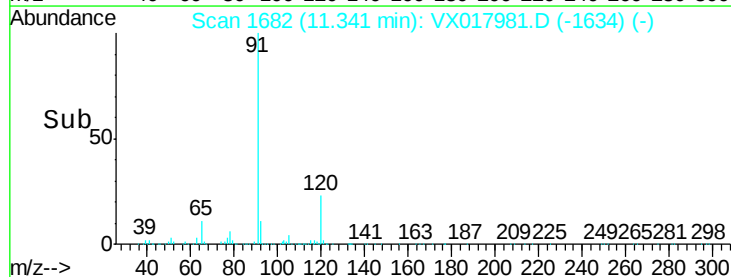
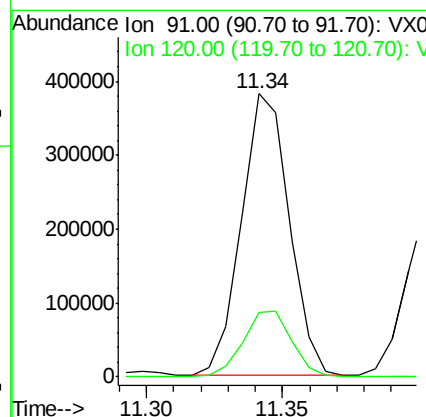
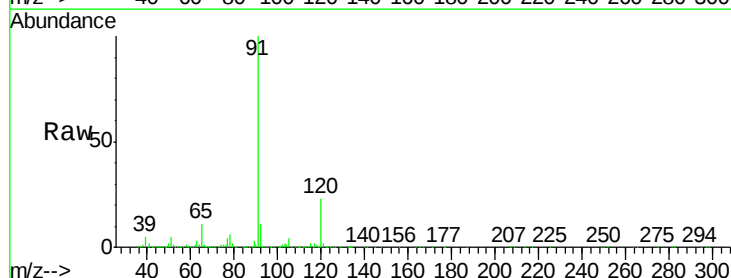
RT: 11.34 min Scan# 1682

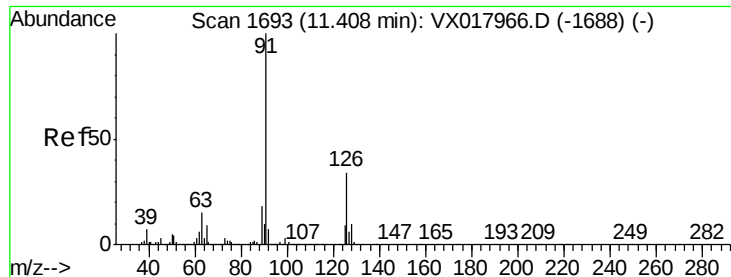
Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.1





#79

2-Chlorotoluene

Concen: 17.236 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tot Ion: 91 Resp: 285879

Ion Ratio Lower Upper

91 100

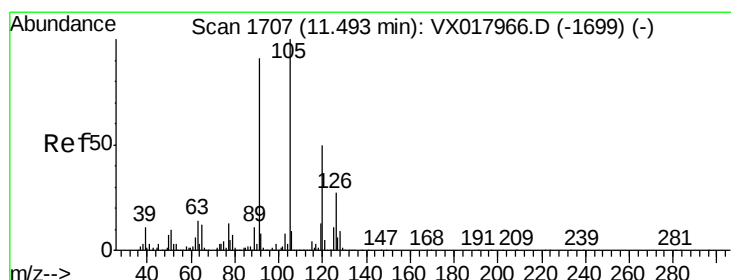
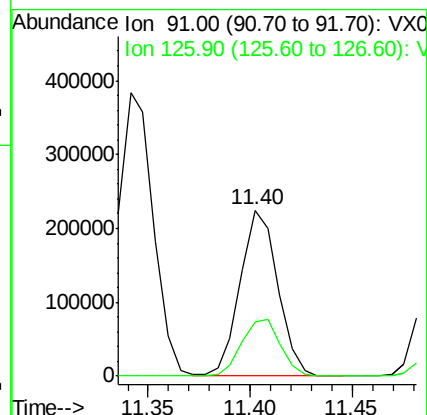
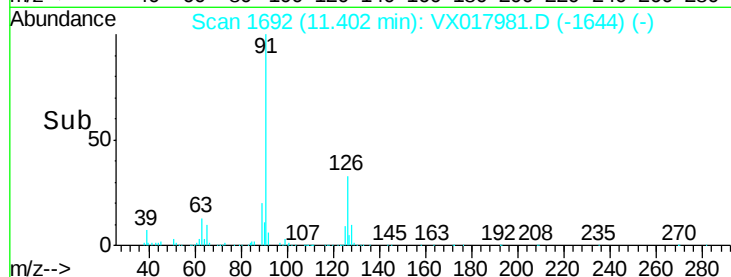
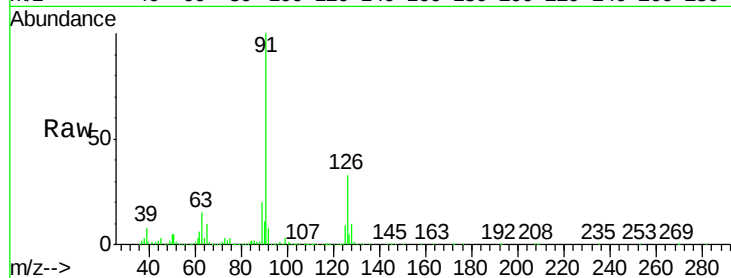
126 35.5 17.1 51.2

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#80

1,3,5-Trimethylbenzene

Concen: 17.535 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017981.D

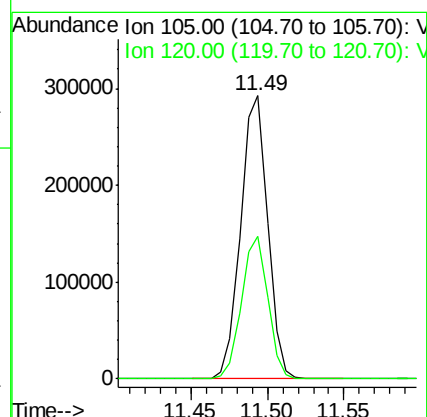
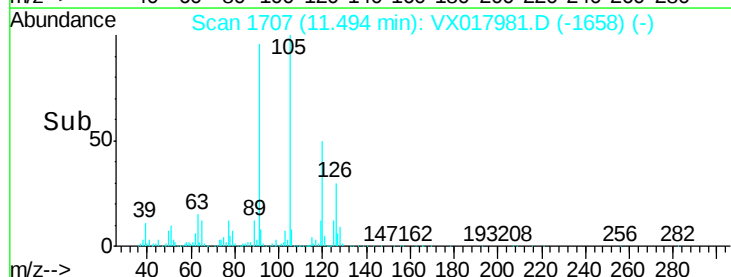
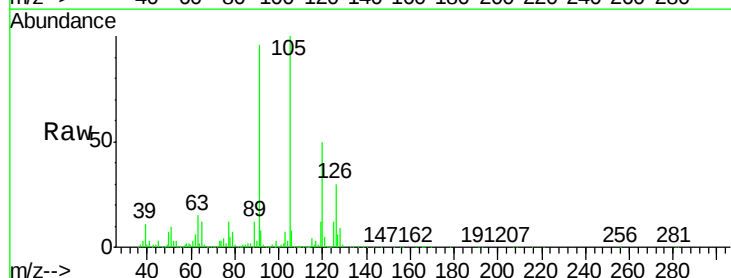
Acq: 19 Aug 2020 13:47

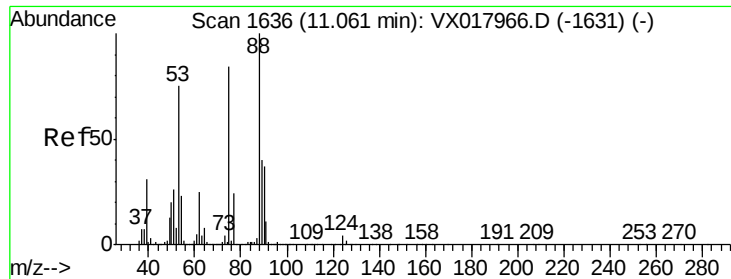
Tgt Ion: 105 Resp: 358172

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4





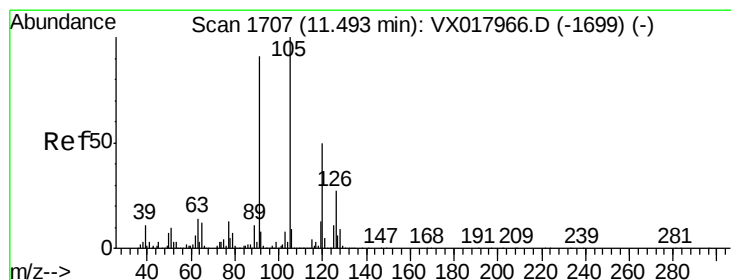
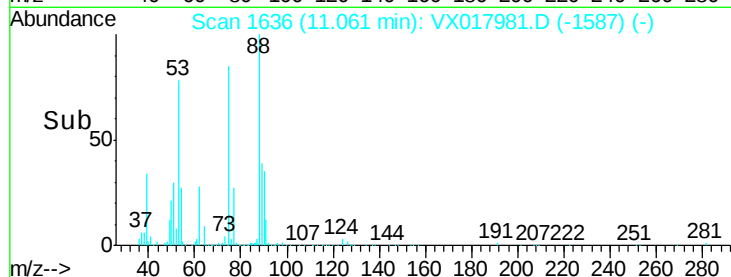
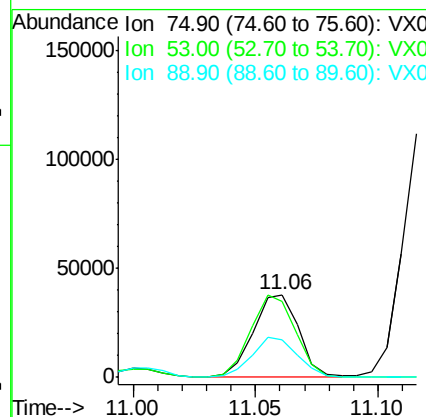
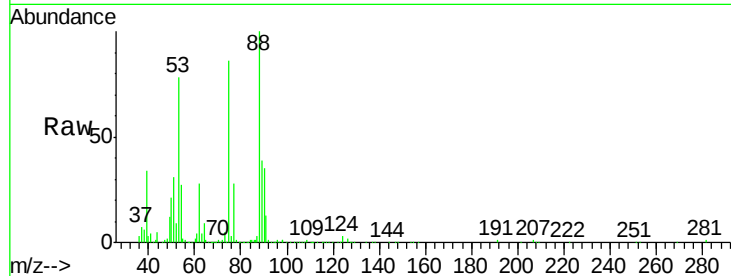
#81
trans-1,4-Dichloro-2-butene
Concen: 16.791 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	75.2	112.8
89	48.9	38.4	57.6

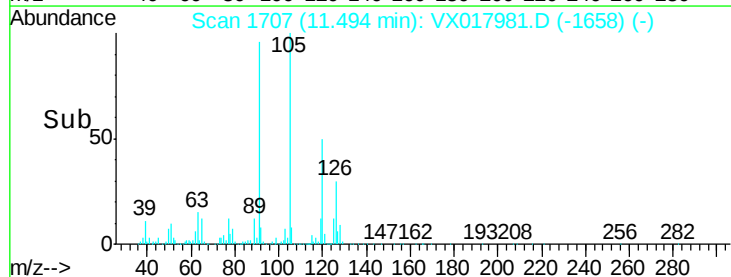
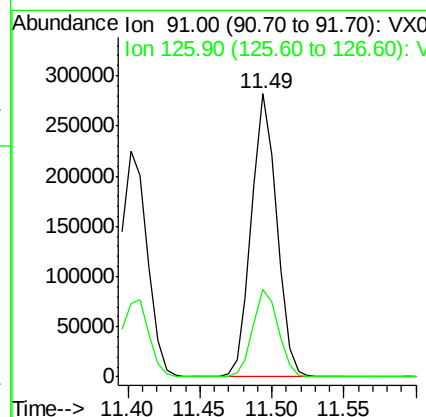
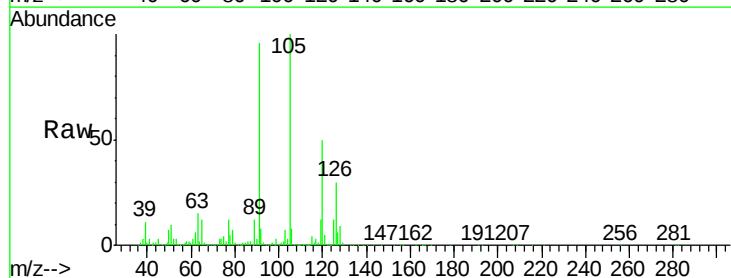
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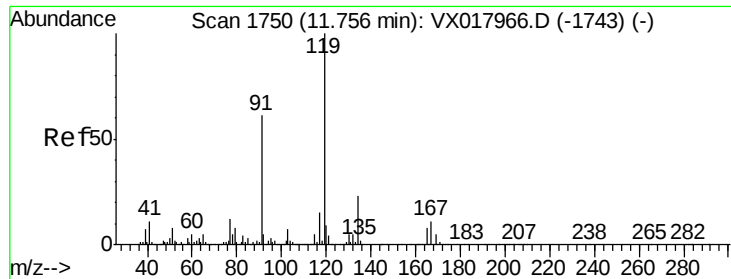
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#82
4-Chlorotoluene
Concen: 17.531 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.0	45.0





#83

tert-Butylbenzene

Concen: 17.393 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

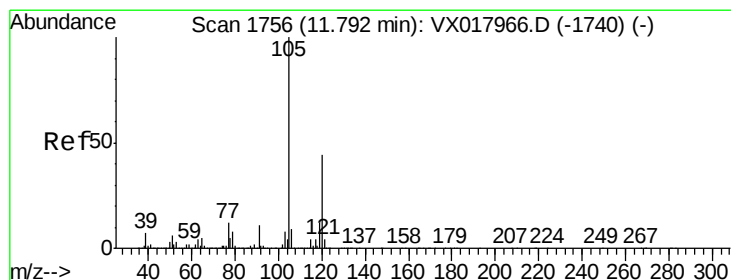
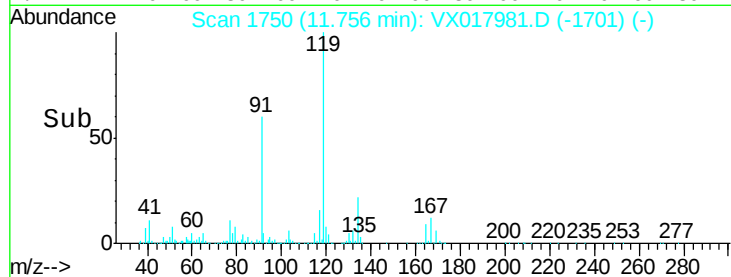
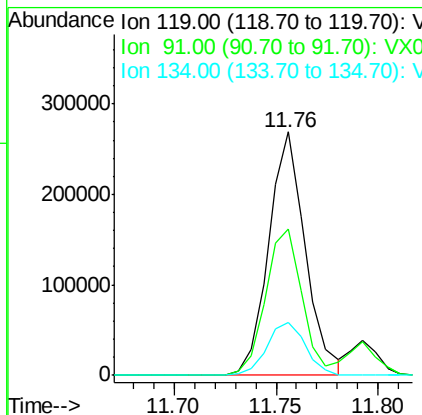
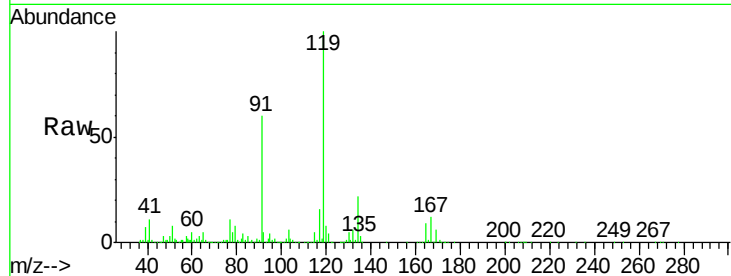
ClientSampleId :

VX0819WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		335501		
91	59.9	30.1	90.5		
134	22.9	11.1	33.1		

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#84

1,2,4-Trimethylbenzene

Concen: 17.045 ug/l

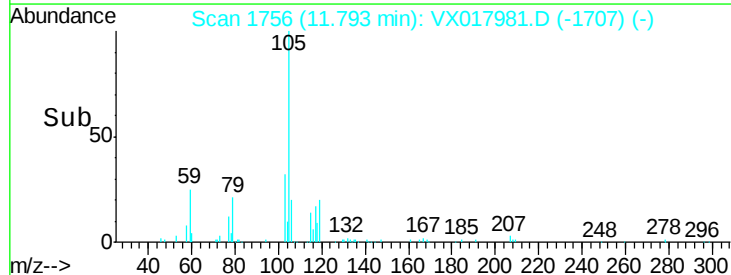
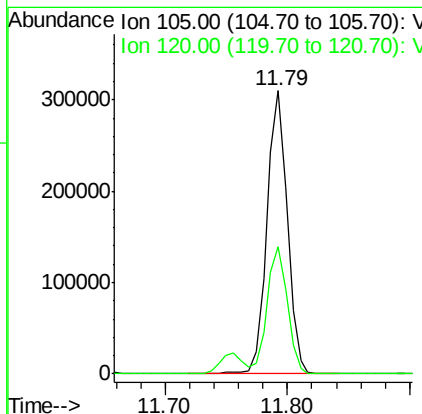
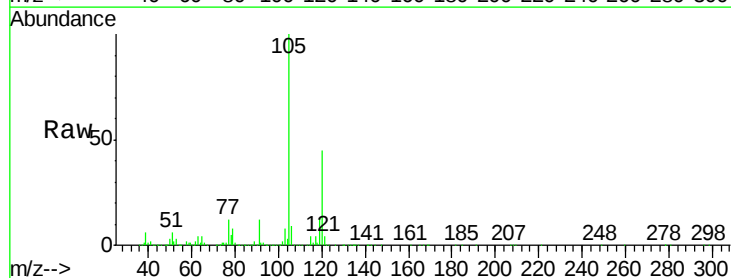
RT: 11.79 min Scan# 1756

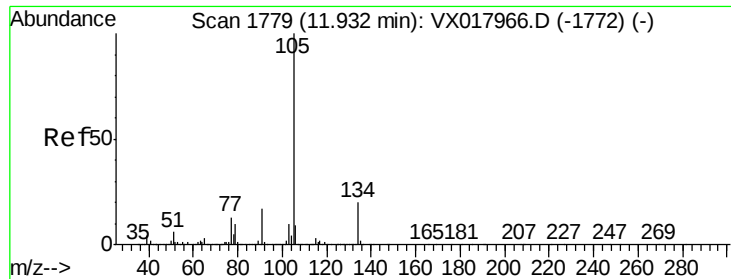
Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		360434		
120	44.7	22.1	66.1		





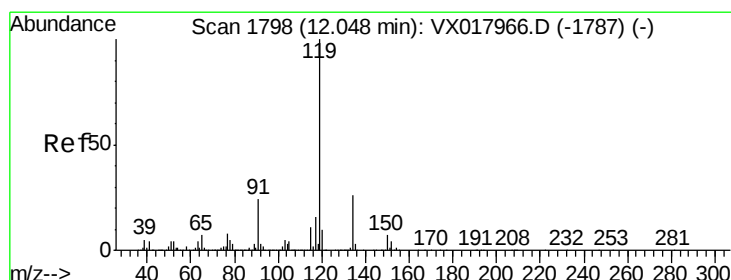
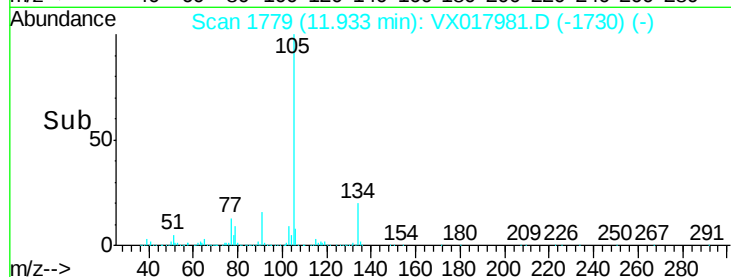
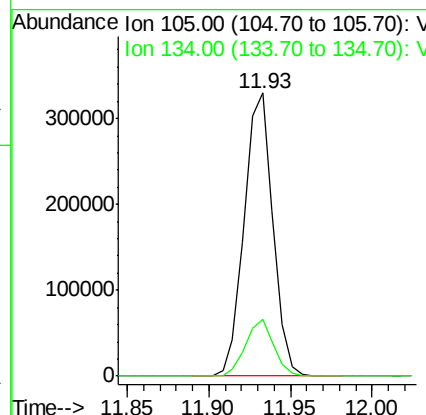
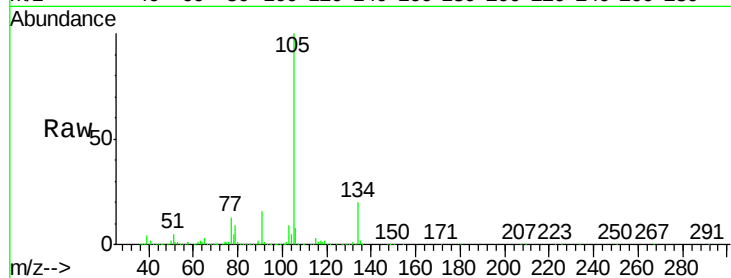
#85
 sec-Butylbenzene
 Concen: 17.351 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.3	30.9

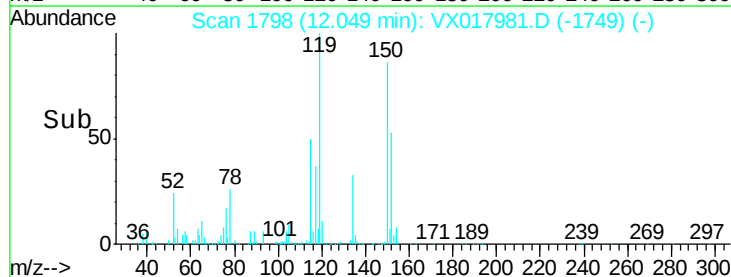
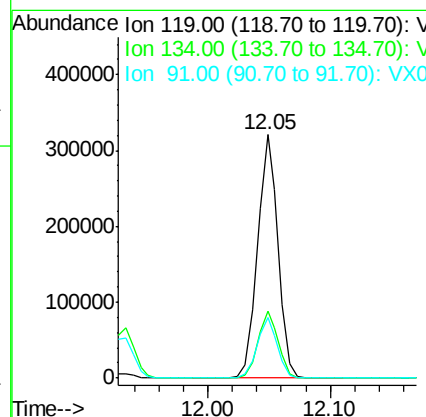
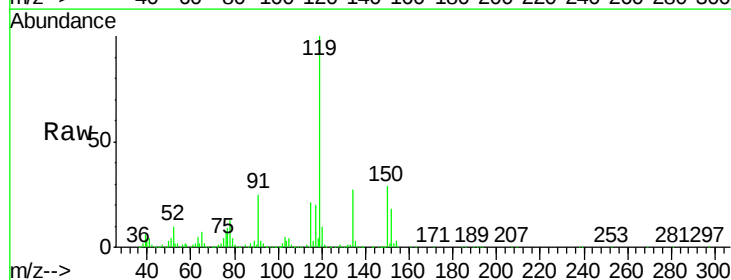
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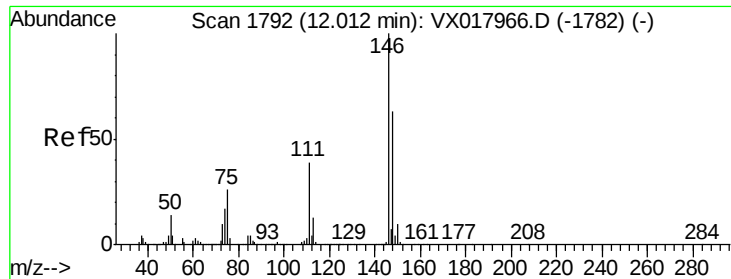
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#86
 p-Isopropyltoluene
 Concen: 17.380 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	12.7	38.0
91	24.2	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 17.260 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

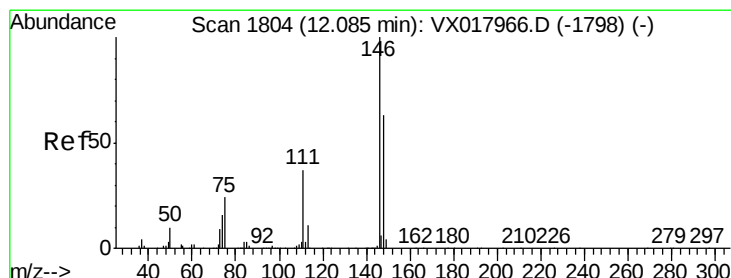
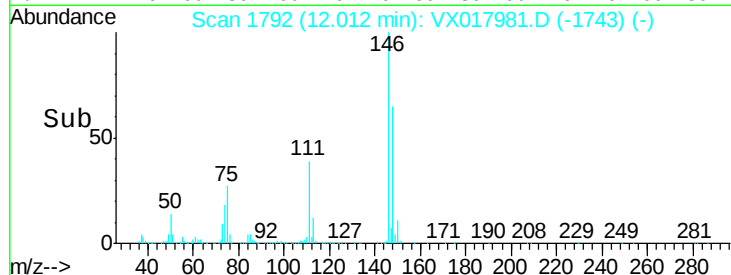
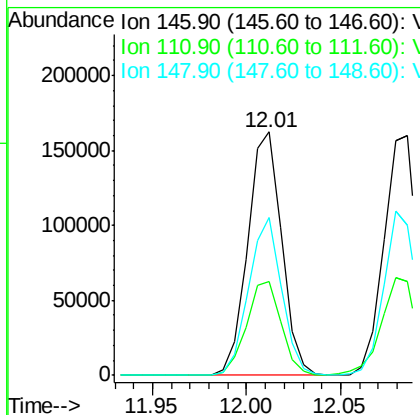
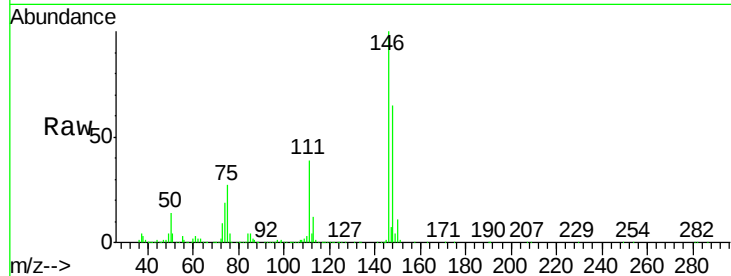
ClientSampleId :

VX0819WBS01

Tot Ion:	146	Resp:	202810
Ion Ratio		Lower	Upper
146	100		
111	39.8	20.1	60.3
148	63.0	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 17.423 ug/l

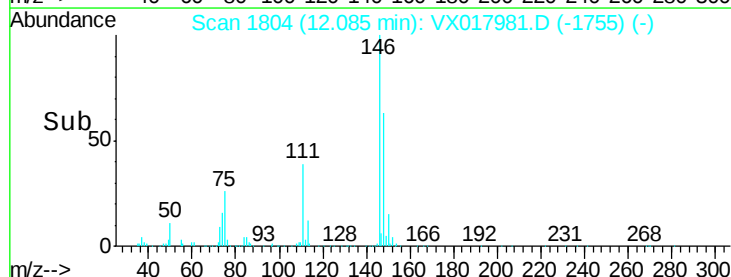
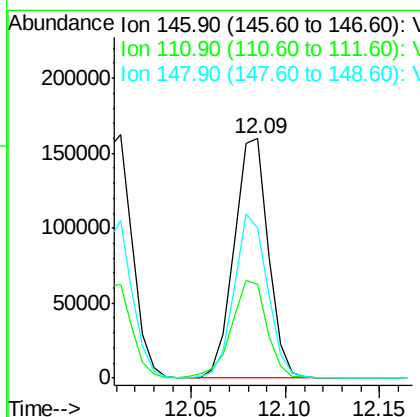
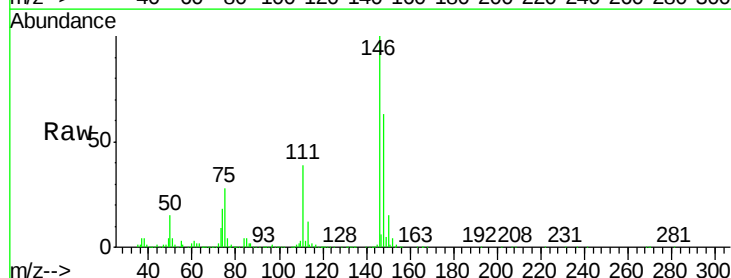
RT: 12.09 min Scan# 1804

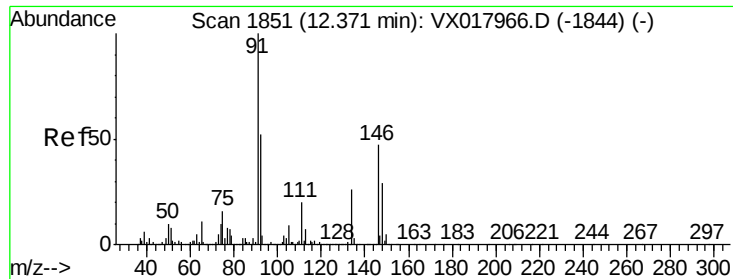
Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion:	146	Resp:	200575
Ion Ratio		Lower	Upper
146	100		
111	42.7	19.7	59.1
148	67.1	31.9	95.7





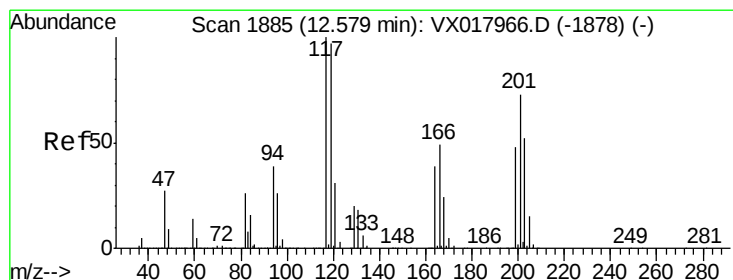
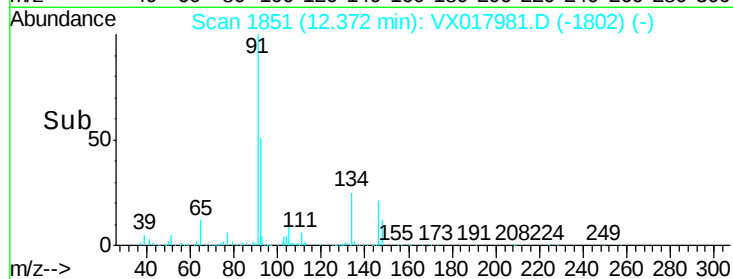
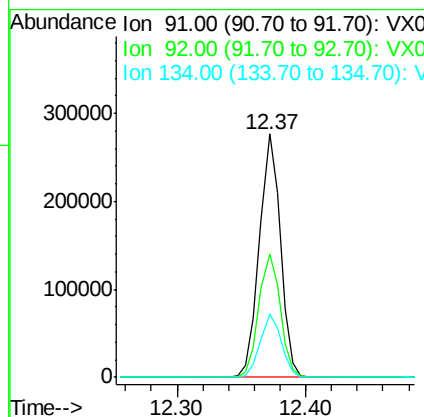
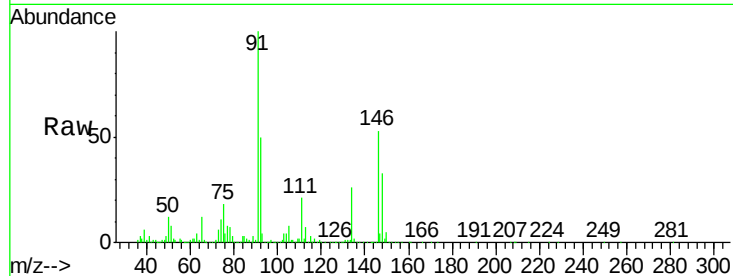
#89
n-Butylbenzene
Concen: 17.279 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.7	77.0
134	26.2	13.4	40.2

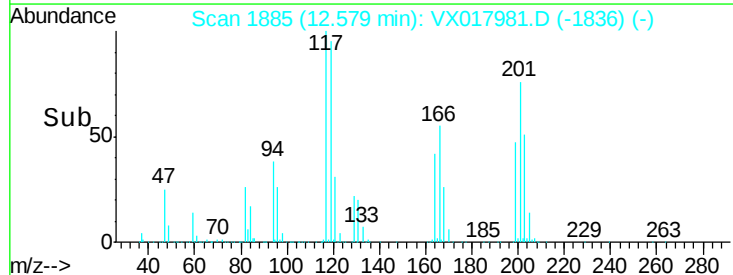
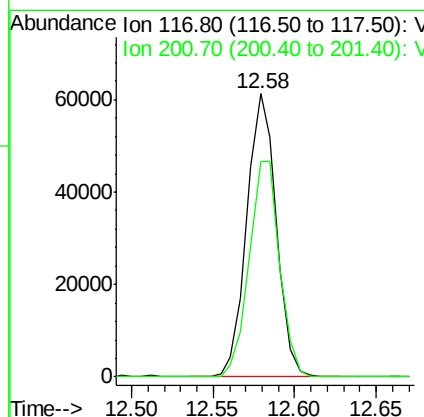
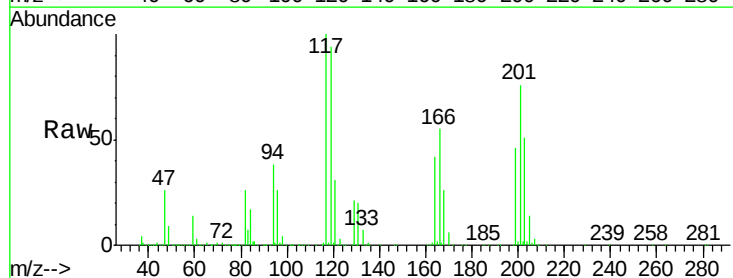
Manual Integrations
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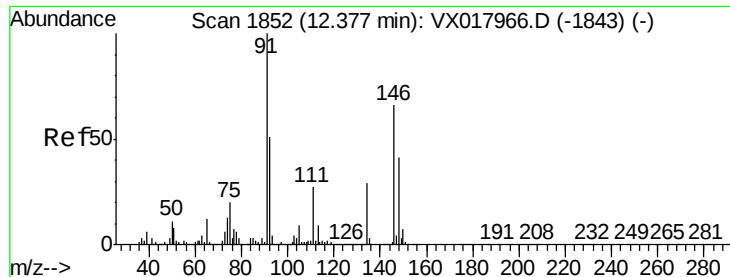
MMDadoda
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#90
Hexachloroethane
Concen: 17.955 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	40.8	122.2





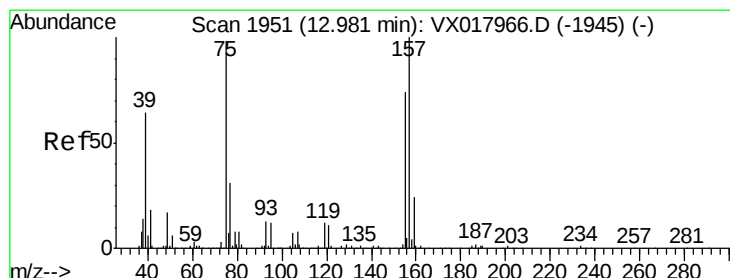
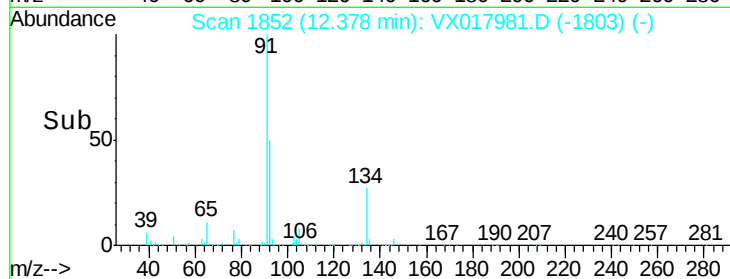
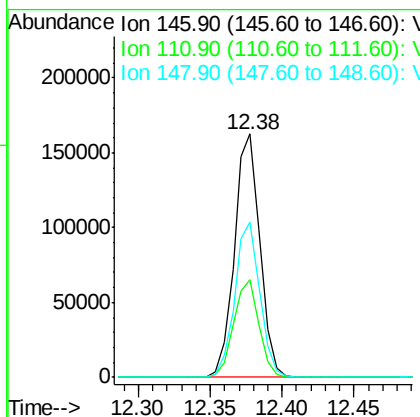
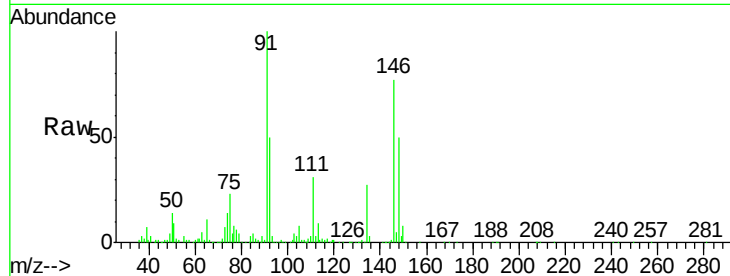
#91
 1,2-Dichlorobenzene
 Concen: 18.536 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	201068		
111	40.0	20.6	61.9	
148	63.1	31.2	93.6	

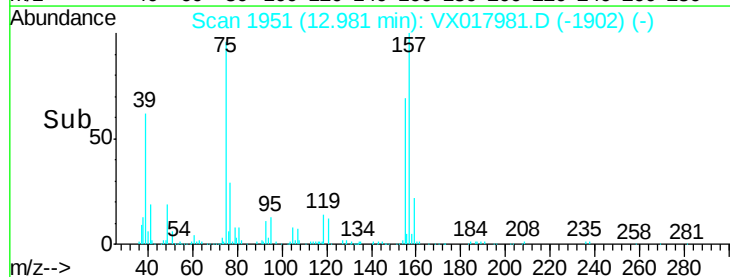
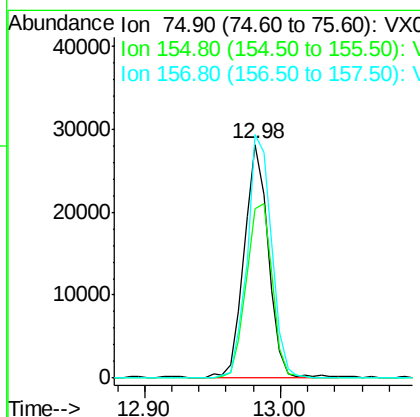
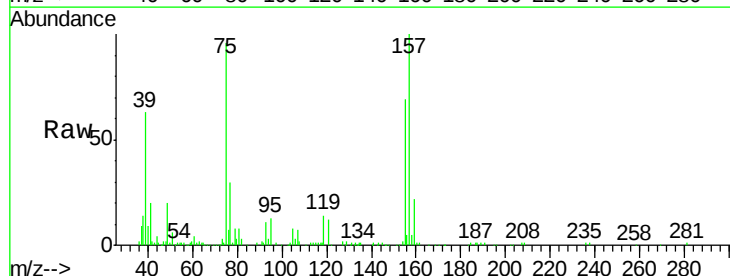
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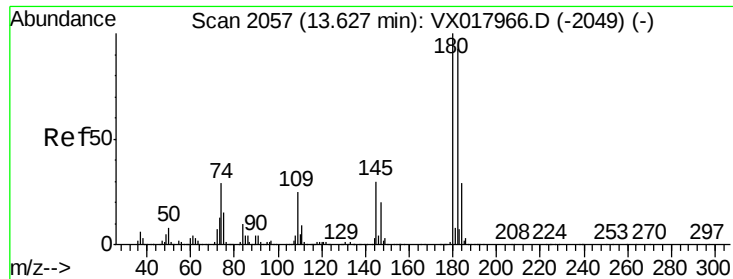
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.844 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34830		
155	81.0	40.5	121.5	
157	106.1	54.4	163.2	





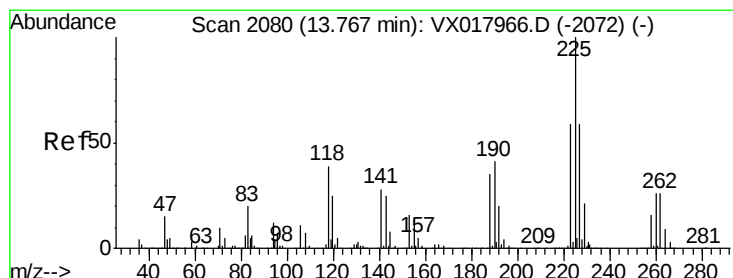
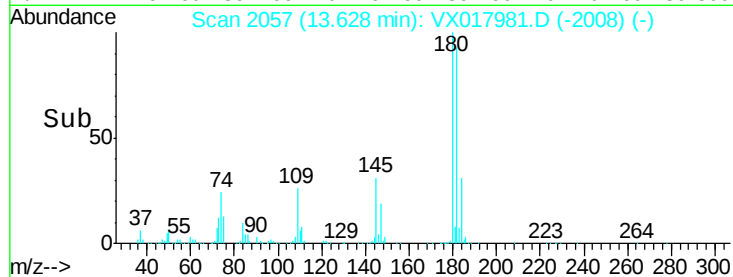
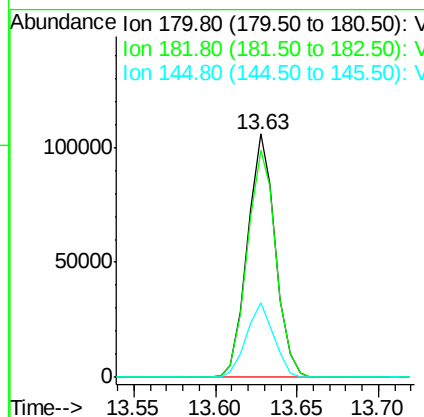
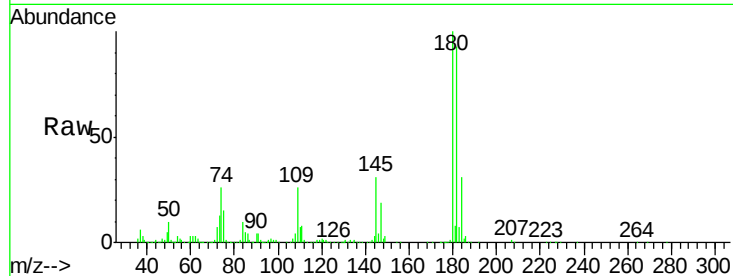
#93
1,2,4-Trichlorobenzene
Concen: 17.650 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125953		
182	96.3	48.8	146.4	
145	30.6	16.0	48.0	

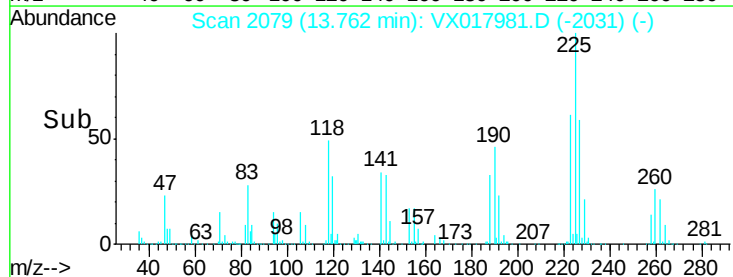
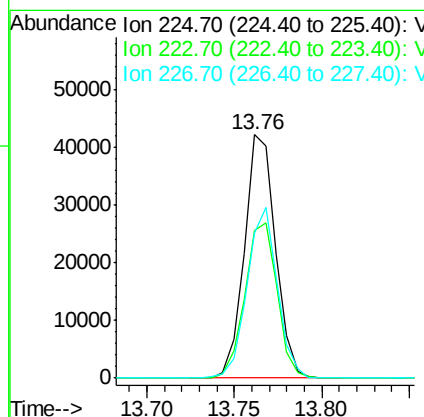
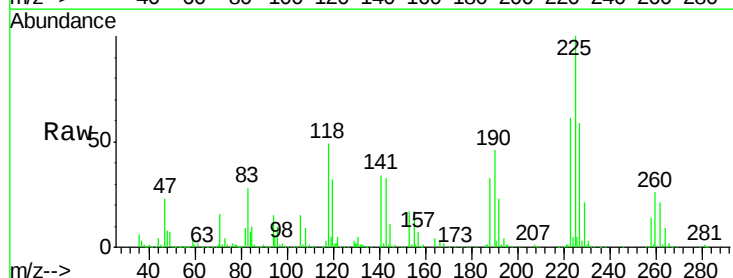
Manual Integrations
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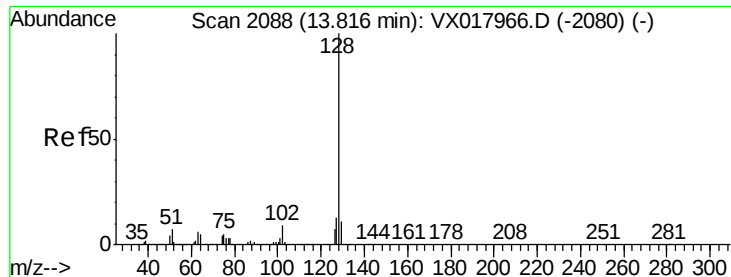
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#94
Hexachlorobutadiene
Concen: 17.118 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52132		
223	66.3	32.1	96.3	
227	68.1	29.8	89.5	





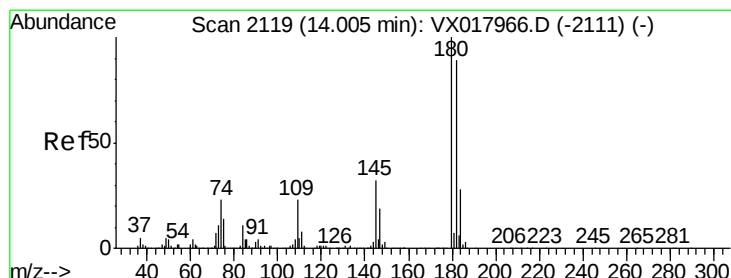
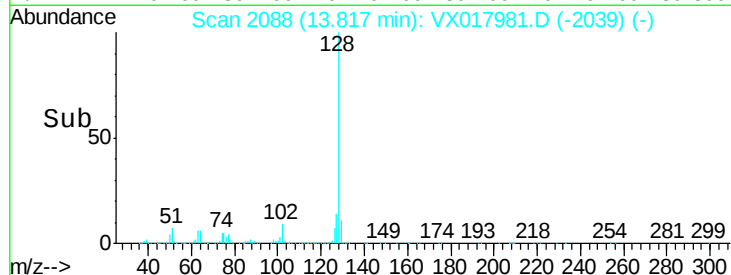
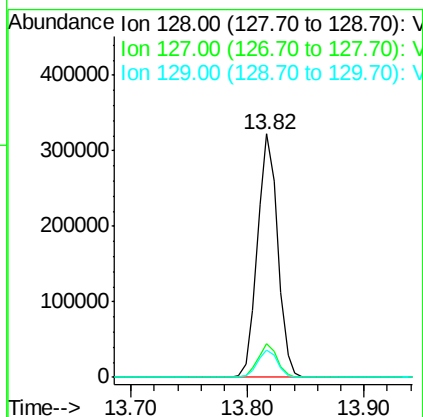
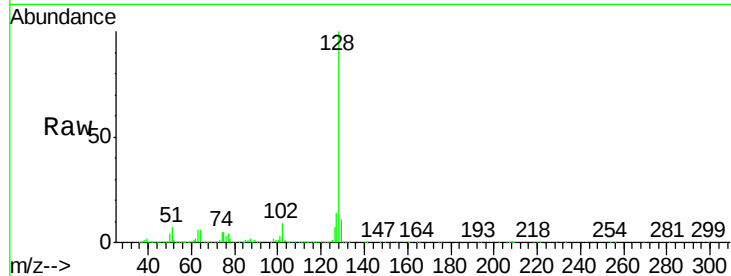
#95
Naphthalene
Concen: 17.438 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	392796		
127	13.5	10.7	16.1	
129	11.2	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.134 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	124327		
182	96.9	46.6	139.8	
145	34.0	16.8	50.4	

