

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018133.D
 Acq On : 28 Aug 2020 20:06
 Operator : JC/SP
 Sample : L3827-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MSD

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:57:52 AM

Quant Time: Aug 29 04:28:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	540128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	885545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	866412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	428724	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	392714	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	5.47	113	310471	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.70	98	1136939	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.12	95	450543	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	327890	49.860	ug/l	98
3) Chloromethane	1.32	50	335296	48.361	ug/l	100
4) Vinyl Chloride	1.39	62	314620	45.586	ug/l	99
5) Bromomethane	1.62	94	175992	52.868	ug/l	98
6) Chloroethane	1.70	64	180161	48.602	ug/l	96
7) Trichlorofluoromethane	1.91	101	479468	50.948	ug/l	100
8) Diethyl Ether	2.17	74	155014	48.571	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	237102	46.603	ug/l	97
10) Methyl Iodide	2.49	142	290857	53.070	ug/l	99
11) Tert butyl alcohol	3.03	59	393285	269.752	ug/l	99
12) 1,1-Dichloroethene	2.36	96	229328	43.447	ug/l	98
13) Acrolein	2.28	56	197794	327.187	ug/l	99
14) Allyl chloride	2.70	41	458467	48.345	ug/l	99
15) Acrylonitrile	3.12	53	881515	266.545	ug/l	98
16) Acetone	2.42	43	906595	310.285	ug/l	99
17) Carbon Disulfide	2.55	76	729670	45.728	ug/l	100
18) Methyl Acetate	2.75	43	402076	57.026	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	922502	50.961	ug/l	97
20) Methylene Chloride	2.83	84	327724	54.973	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	278316	47.592	ug/l	98
22) Diisopropyl ether	3.83	45	922676	49.296	ug/l	99
23) Vinyl Acetate	3.79	43	4248822	255.112	ug/l	100
24) 1,1-Dichloroethane	3.67	63	521146	48.913	ug/l	99
25) 2-Butanone	4.64	43	1311751	273.174	ug/l	98
26) 2,2-Dichloropropane	4.55	77	341518	39.395	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	319598	47.433	ug/l	97
28) Bromochloromethane	4.99	49	259501	50.458	ug/l	98
29) Tetrahydrofuran	5.10	42	804901	263.315	ug/l	98
30) Chloroform	5.18	83	538857	48.843	ug/l	96
31) Cyclohexane	5.55	56	431571	48.086	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	499368	49.324	ug/l	100
36) 1,1-Dichloropropene	5.77	75	391228	47.899	ug/l	100
37) Ethyl Acetate	4.80	43	483885	51.008	ug/l	100
38) Carbon Tetrachloride	5.76	117	457286	49.679	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	432271	48.400	ug/l	97
40) Benzene	6.12	78	1145488	47.728	ug/l	100
41) Methacrylonitrile	5.01	41	263659	50.619	ug/l	98
42) 1,2-Dichloroethane	6.17	62	460440	50.073	ug/l	99
43) Isopropyl Acetate	6.42	43	807411	52.695	ug/l	99
44) Trichloroethene	7.19	130	324857	47.904	ug/l	98
45) 1,2-Dichloropropane	7.49	63	314944	48.689	ug/l	96
46) Dibromomethane	7.64	93	217586	47.835	ug/l	99
47) Bromodichloromethane	7.88	83	457481	50.370	ug/l	96
48) Methyl methacrylate	7.74	41	390255	51.164	ug/l	99
49) 1,4-Dioxane	7.72	88	140952	1020.159	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2583814	272.994	ug/l	99
52) Toluene	8.77	92	755122	49.619	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	486338	48.315	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	483783	45.369	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	324416	49.983	ug/l	98
56) Ethyl methacrylate	9.16	69	500948	51.918	ug/l	99
57) 1,3-Dichloropropane	9.35	76	534199	49.901	ug/l	99
59) 2-Hexanone	9.48	43	2009149	279.171	ug/l	100
60) Dibromochloromethane	9.57	129	394676	51.835	ug/l	99
61) 1,2-Dibromoethane	9.65	107	347549	49.322	ug/l	99
64) Tetrachloroethene	9.32	164	301392	47.337	ug/l	97
65) Chlorobenzene	10.12	112	838326	48.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	338687	49.660	ug/l	97
67) Ethyl Benzene	10.24	91	1462639	49.703	ug/l	99
68) m/p-Xylenes	10.34	106	1118188	101.805	ug/l	99
69) o-Xylene	10.68	106	529544	49.734	ug/l	97
70) Styrene	10.70	104	926494	51.096	ug/l	99
71) Bromoform	10.84	173	296718	51.006	ug/l #	99
73) Isopropylbenzene	11.01	105	1447345	51.181	ug/l	98
74) N-amyl acetate	10.88	43	696041	51.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	475399	47.655	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	454971m	47.705	ug/l	
77) Bromobenzene	11.24	156	376298	48.139	ug/l	98
78) n-propylbenzene	11.34	91	1660055	51.700	ug/l	99
79) 2-Chlorotoluene	11.40	91	988251	49.816	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1227668	52.829	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	159284	45.108	ug/l	100
82) 4-Chlorotoluene	11.49	91	1170387	49.627	ug/l	100
83) tert-Butylbenzene	11.76	119	1207405	52.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1248241	52.538	ug/l	100
85) sec-Butylbenzene	11.93	105	1388477	53.240	ug/l	100
86) p-Isopropyltoluene	12.05	119	1301461	54.328	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	678921	49.468	ug/l	95
88) 1,4-Dichlorobenzene	12.09	146	648570	47.197	ug/l	100
89) n-Butylbenzene	12.37	91	1100887	50.349	ug/l	99
90) Hexachloroethane	12.58	117	255226	54.151	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	637810	49.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	131027	52.529	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	419901	48.742	ug/l	97

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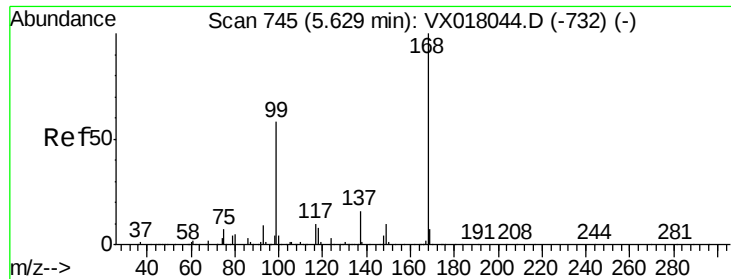
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	171489	50.469	ug/l	98
95) Naphthalene	13.82	128	1524384	53.767	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	424153	49.829	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:168 Resp: 540128

Ion Ratio Lower Upper

168 100

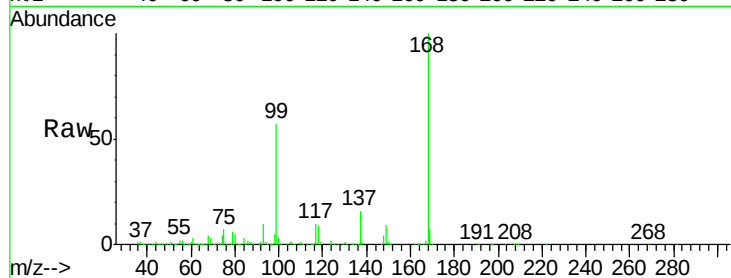
99 57.1 46.3 69.5

Manual Integrations

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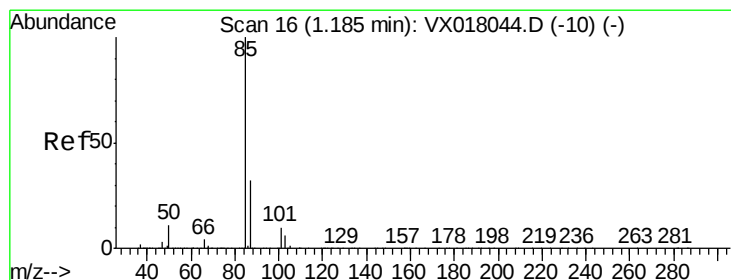
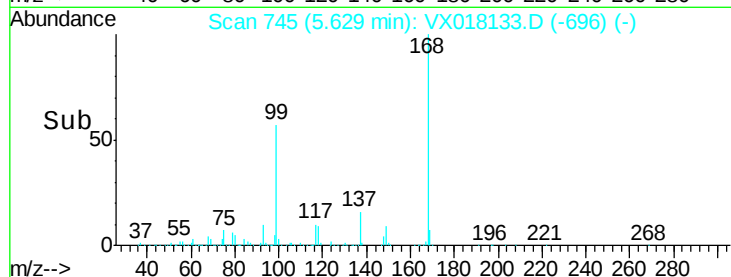
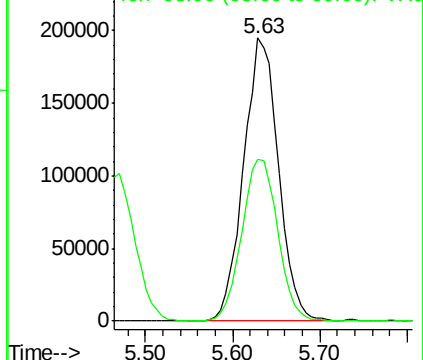
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.860 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018133.D

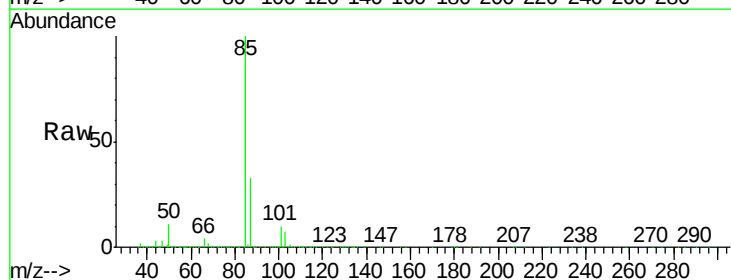
Acq: 28 Aug 2020 20:06

Tgt Ion: 85 Resp: 327890

Ion Ratio Lower Upper

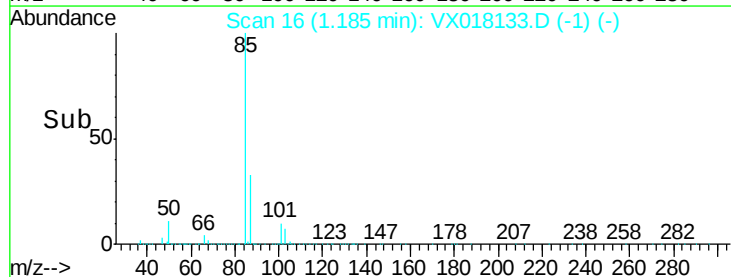
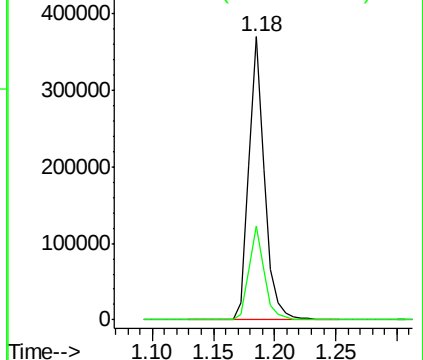
85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.361 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 50 Resp: 335296

Ion Ratio Lower Upper

50 100

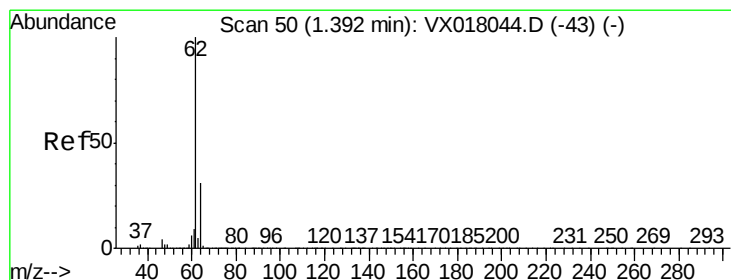
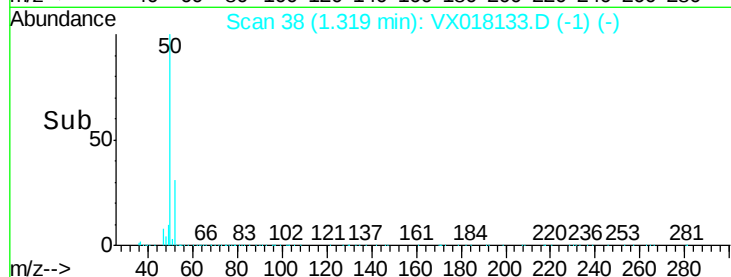
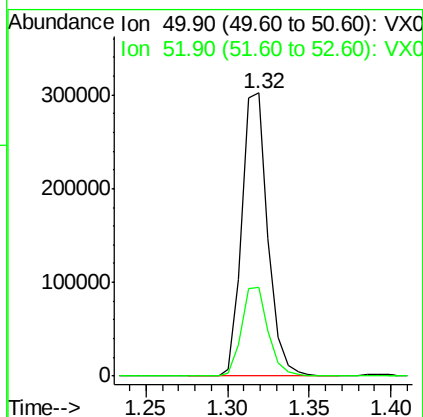
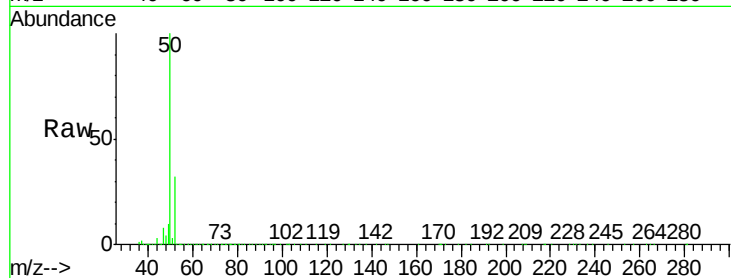
52 31.5 25.4 38.2

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#4

Vinyl Chloride

Concen: 45.586 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018133.D

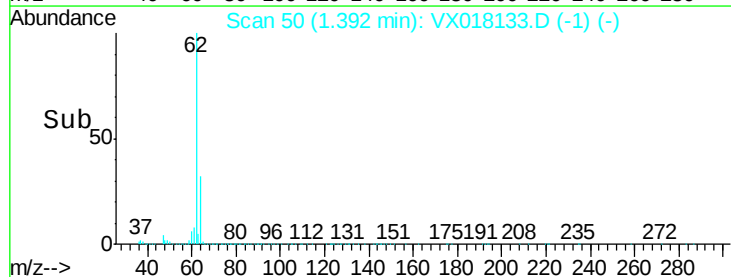
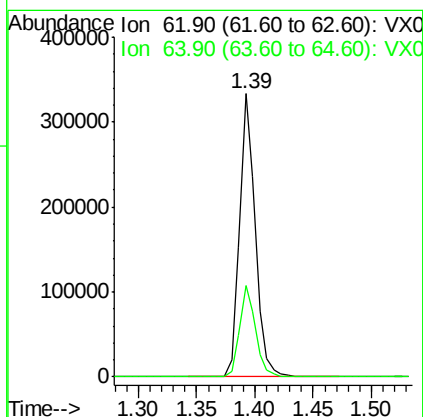
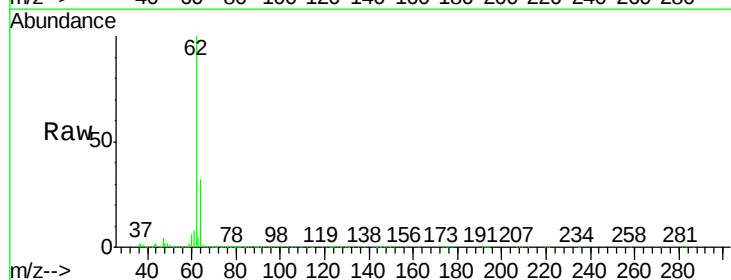
Acq: 28 Aug 2020 20:06

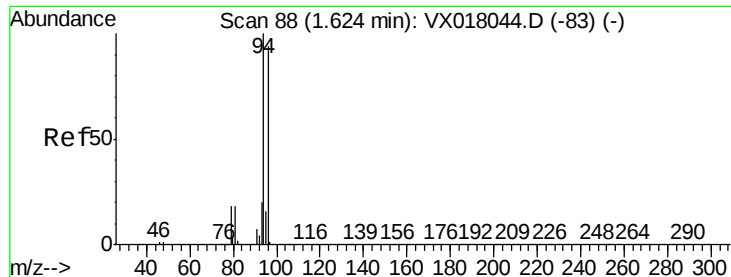
Tgt Ion: 62 Resp: 314620

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 52.868 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

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Tot Ion: 94 Resp: 175992

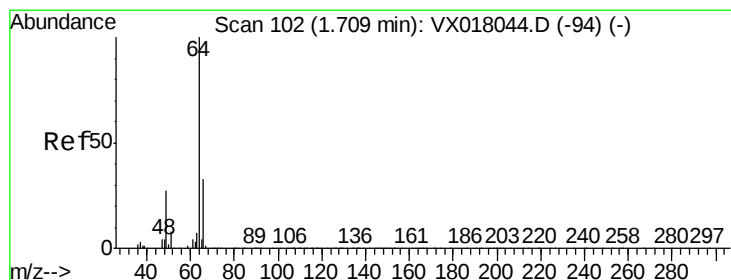
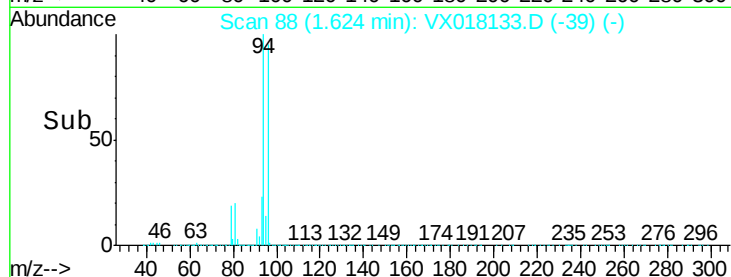
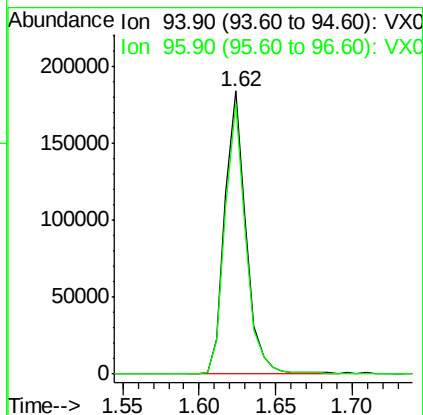
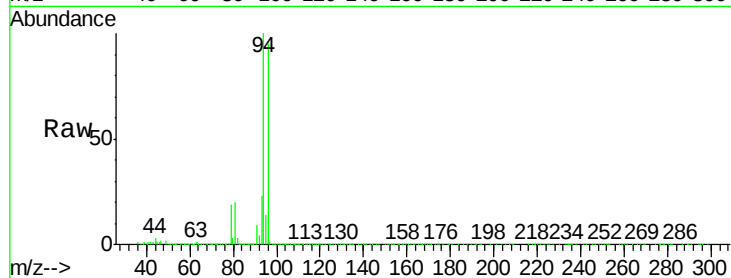
Ion Ratio Lower Upper

94 100

96 95.2 74.8 112.2

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#6

Chloroethane

Concen: 48.602 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018133.D

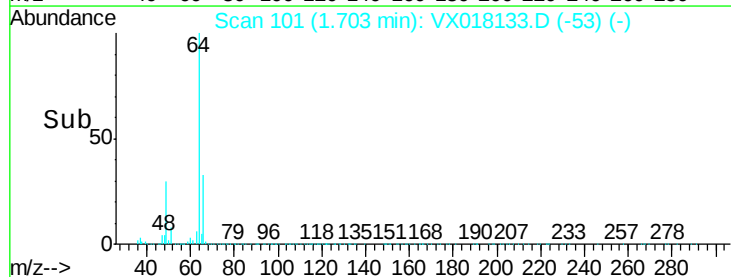
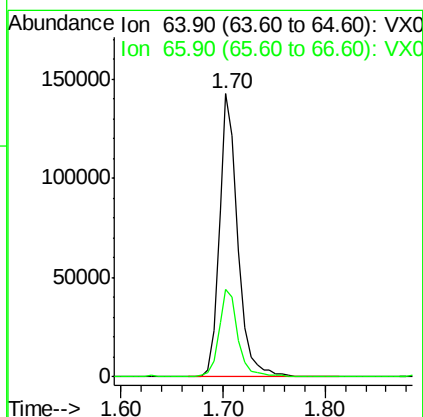
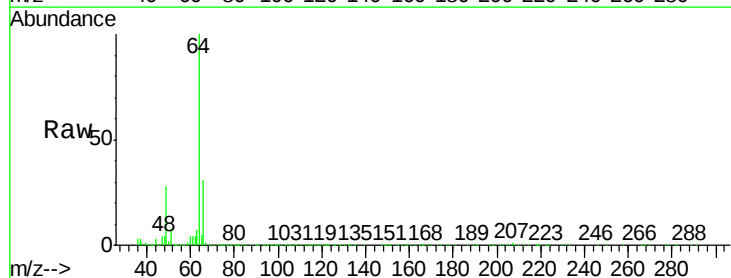
Acq: 28 Aug 2020 20:06

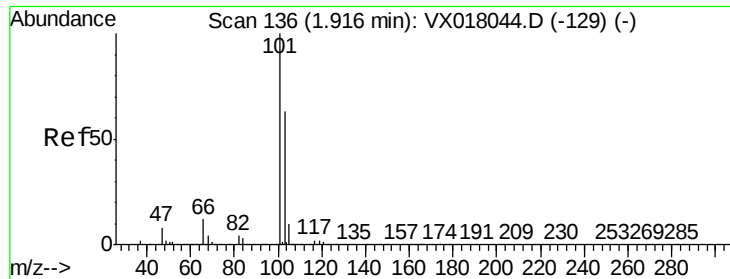
Tgt Ion: 64 Resp: 180161

Ion Ratio Lower Upper

64 100

66 30.8 26.6 39.8





#7

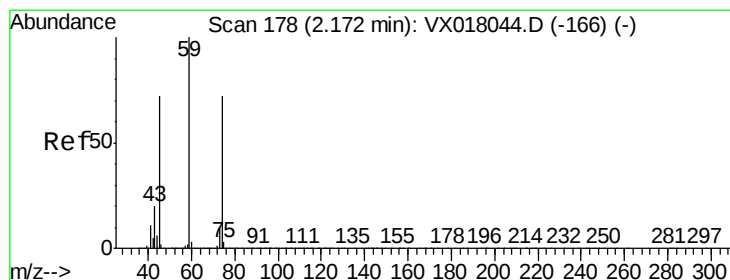
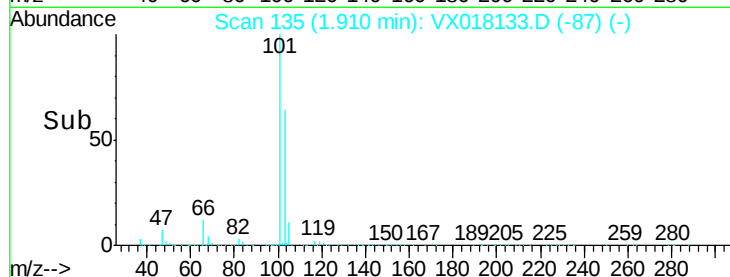
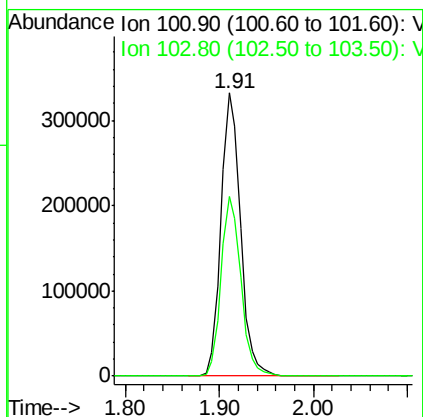
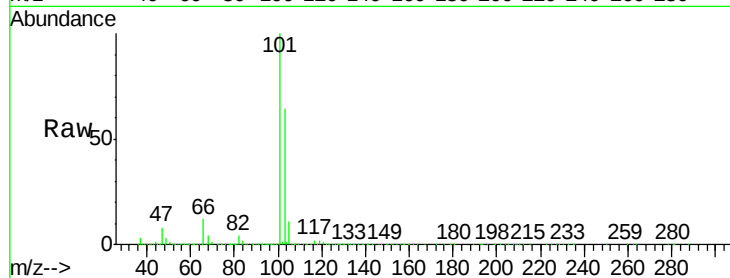
Trichlorofluoromethane
Concen: 50.948 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.7	76.1

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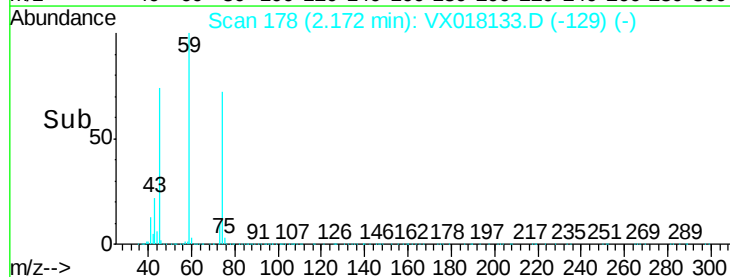
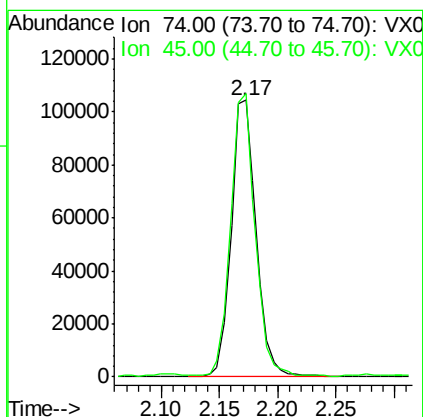
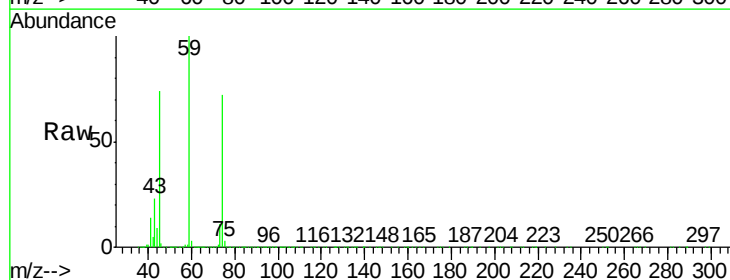
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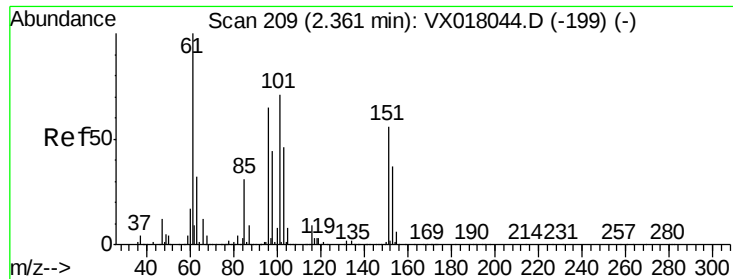


#8

Diethyl Ether
Concen: 48.571 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.8	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.603 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

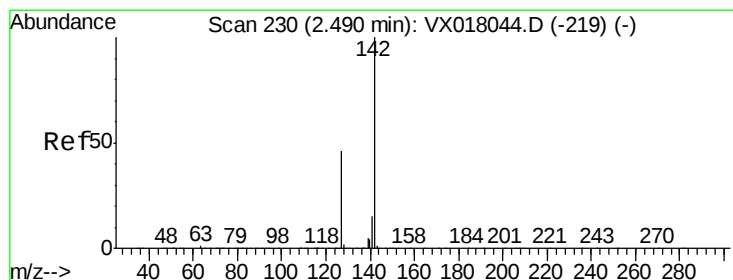
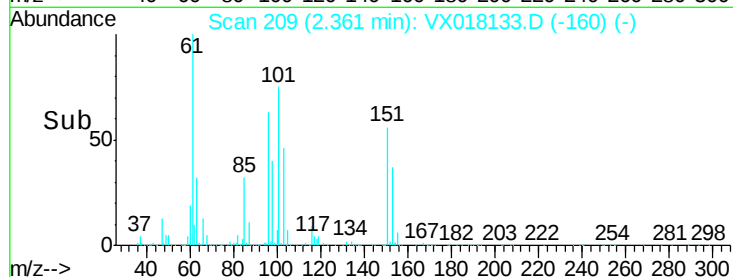
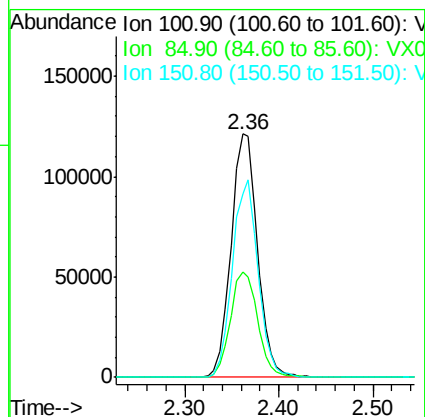
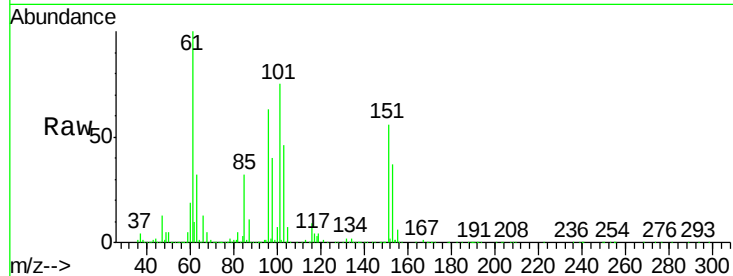
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:	101	Resp:	237102
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.0	51.0
151	79.0	65.2	97.8

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#10

Methyl Iodide

Concen: 53.070 ug/l

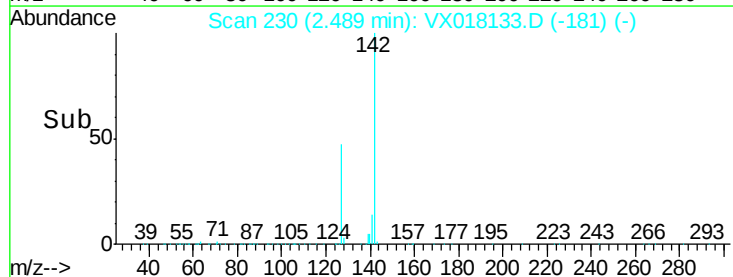
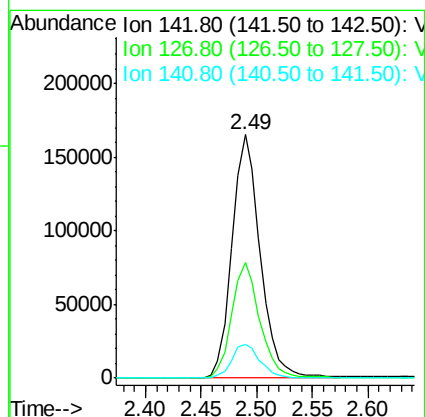
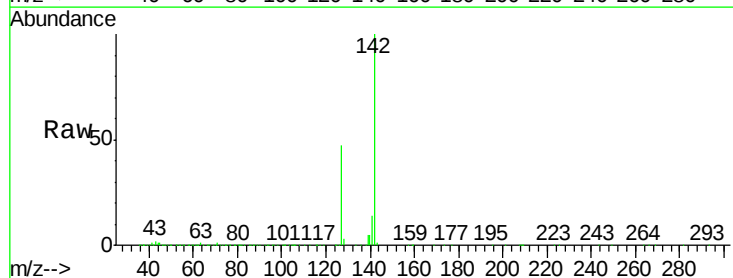
RT: 2.49 min Scan# 230

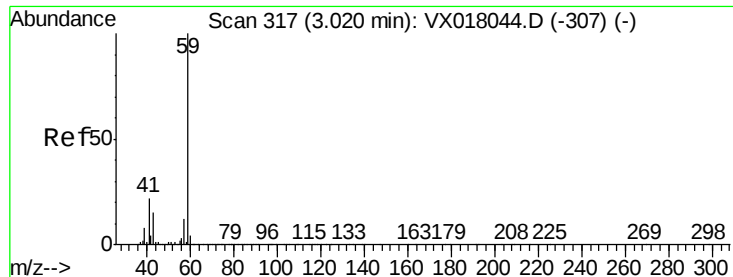
Delta R.T. 0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion:	142	Resp:	290857
Ion Ratio	Lower	Upper	
142	100		
127	47.3	37.0	55.6
141	14.3	11.5	17.3





#11

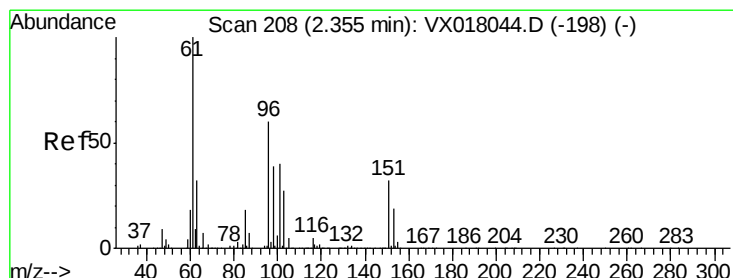
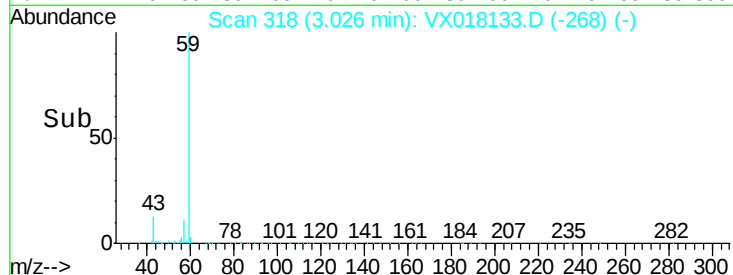
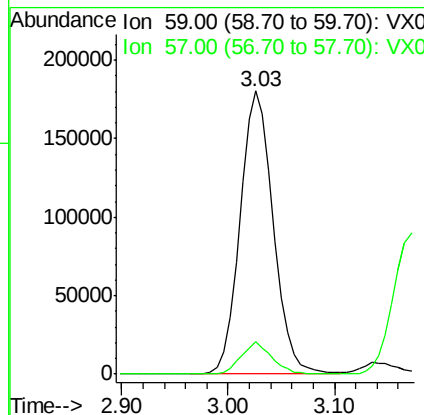
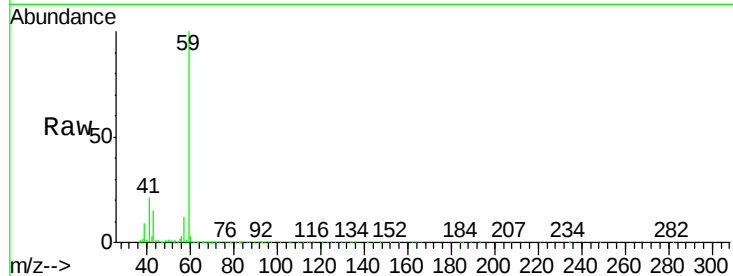
Tert butyl alcohol
Concen: 269.752 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.9	13.3

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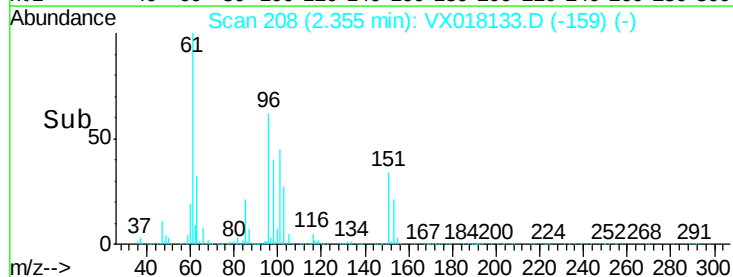
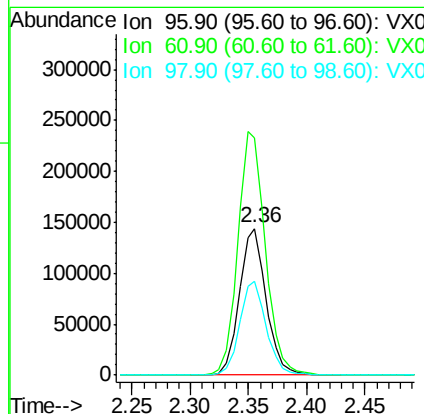
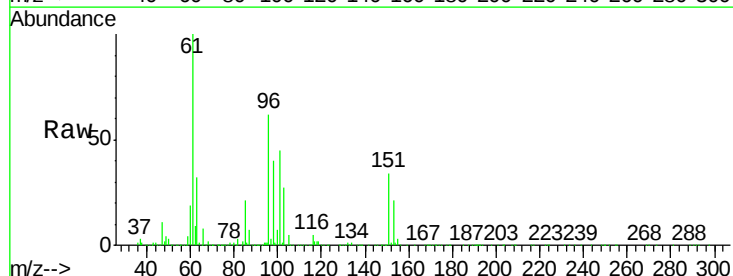
MMDadoda
8/31/2020 8:57:52 AM

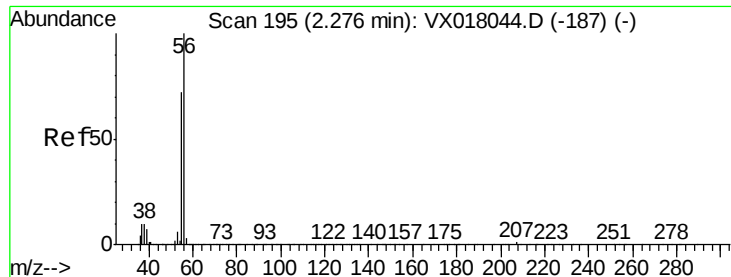


#12

1,1-Dichloroethene
Concen: 43.447 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.1	133.0	199.4
98	64.4	51.6	77.4





#13

Acrolein

Concen: 327.187 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 56 Resp: 197794

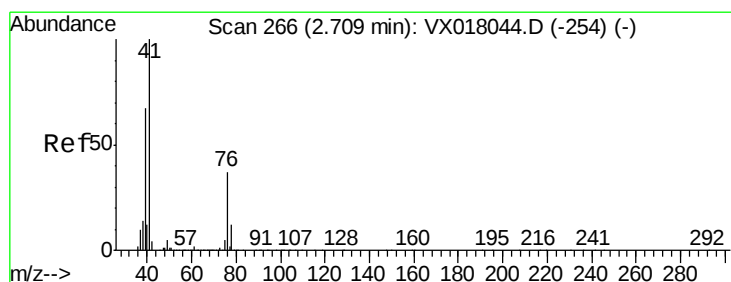
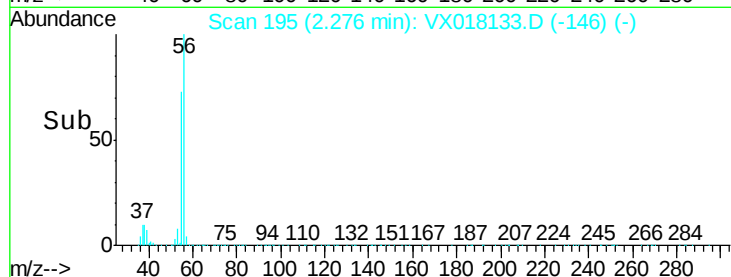
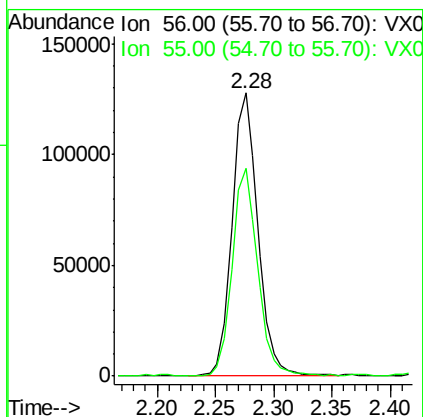
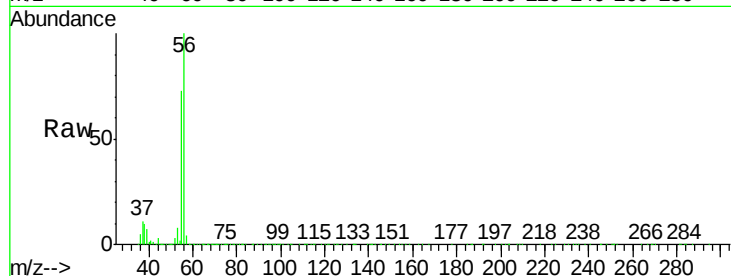
Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.6

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 48.345 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

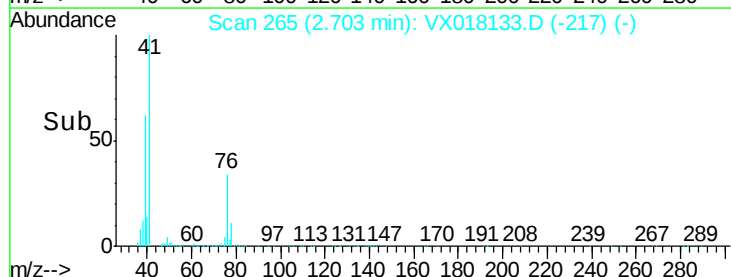
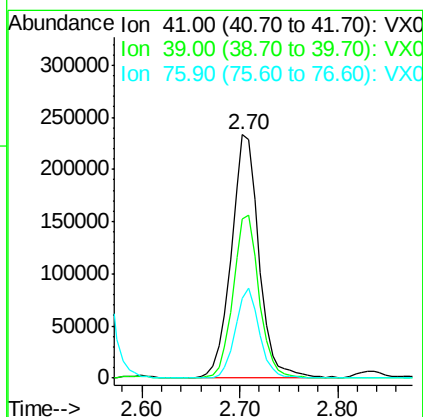
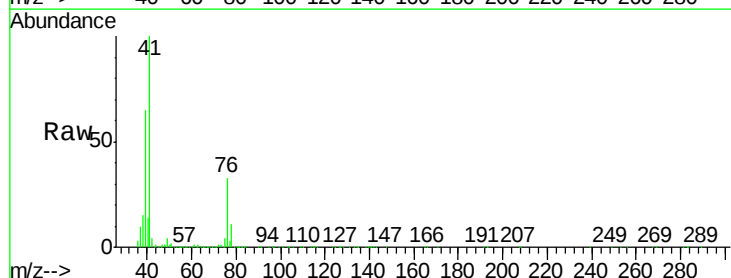
Tgt Ion: 41 Resp: 458467

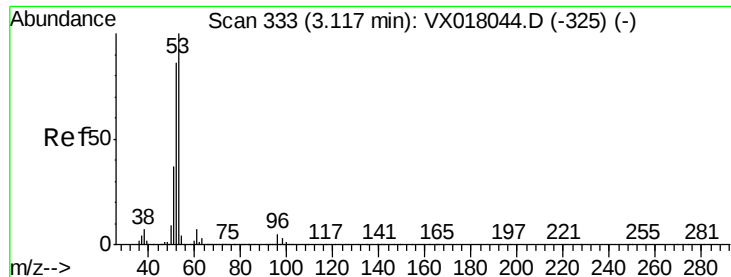
Ion Ratio Lower Upper

41 100

39 62.6 50.6 76.0

76 31.9 26.2 39.2





#15

Acrylonitrile

Concen: 266.545 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

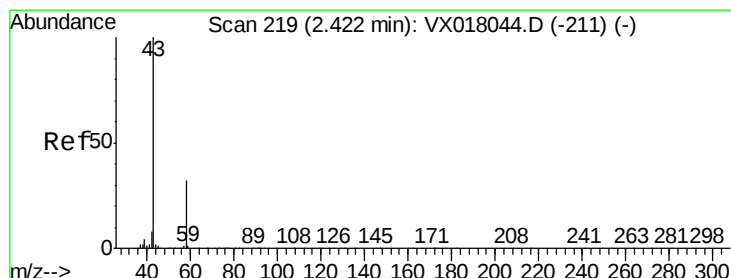
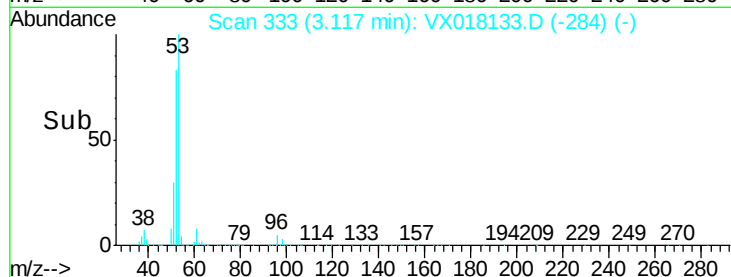
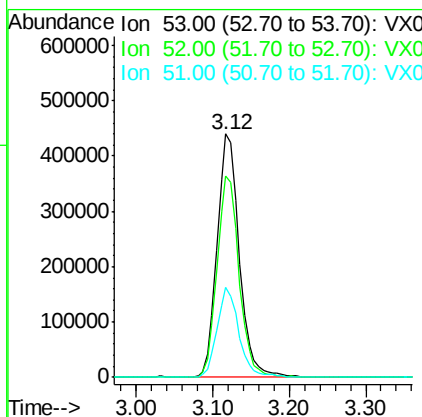
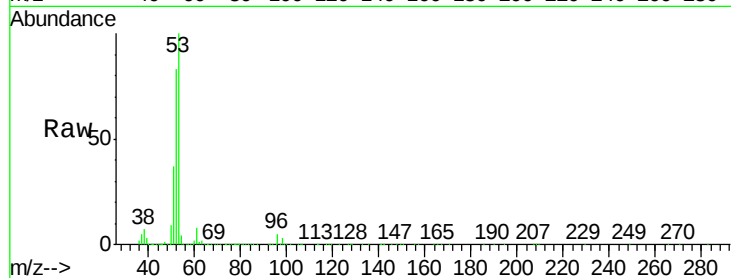
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:	53	Resp:	881515
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.9	100.3
51	36.8	28.7	43.1

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#16

Acetone

Concen: 310.285 ug/l

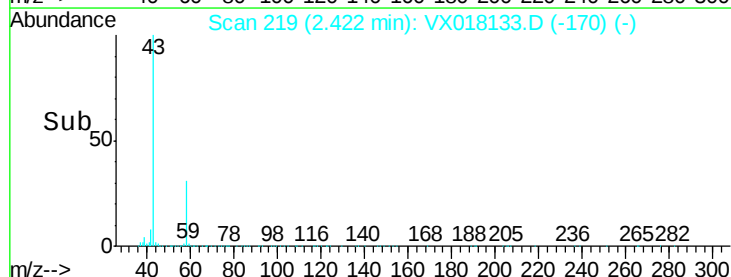
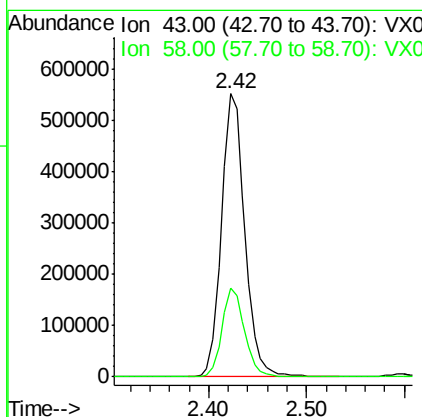
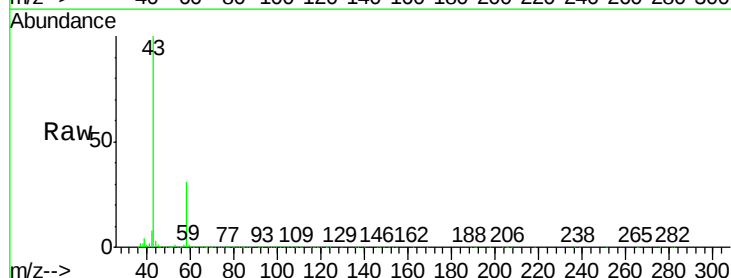
RT: 2.42 min Scan# 219

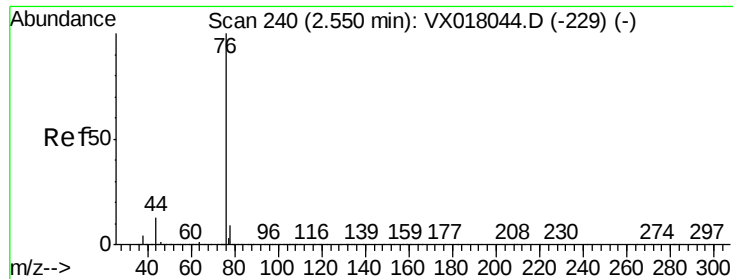
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion:	43	Resp:	906595
Ion Ratio		Lower	Upper
43	100		
58	31.3	25.5	38.3





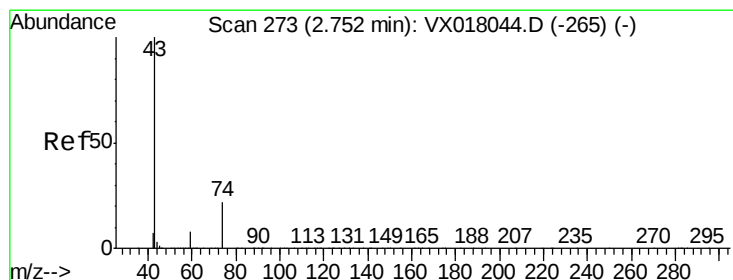
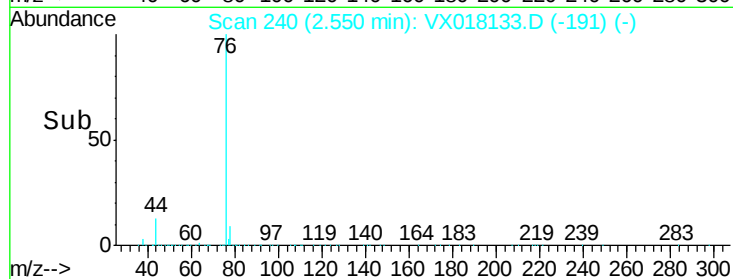
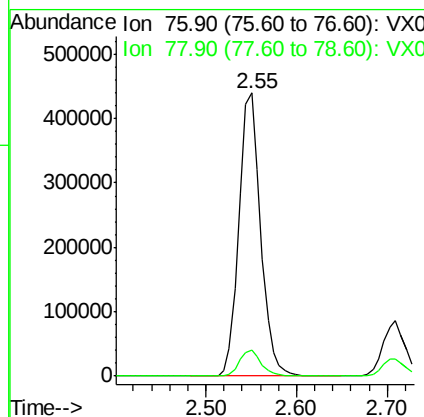
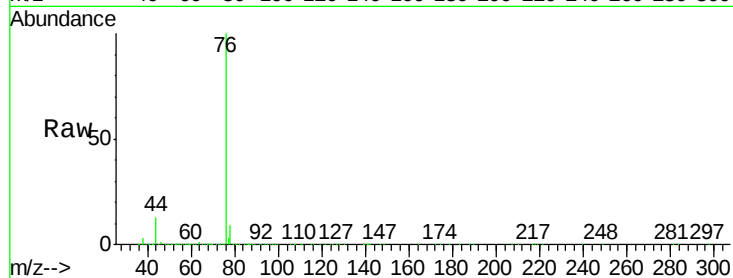
#17
Carbon Disulfide
Concen: 45.728 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

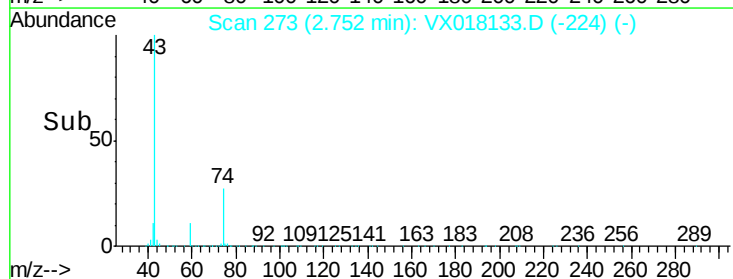
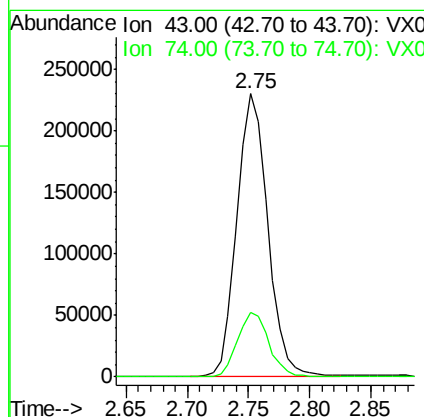
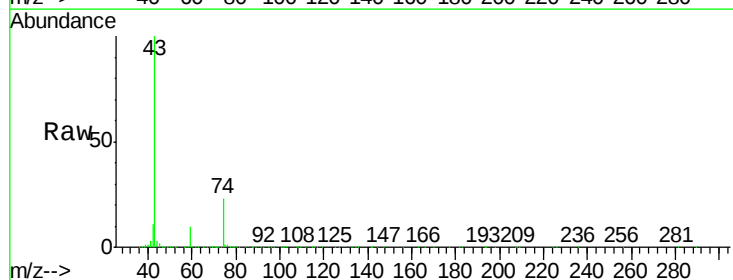
Manual Integrations
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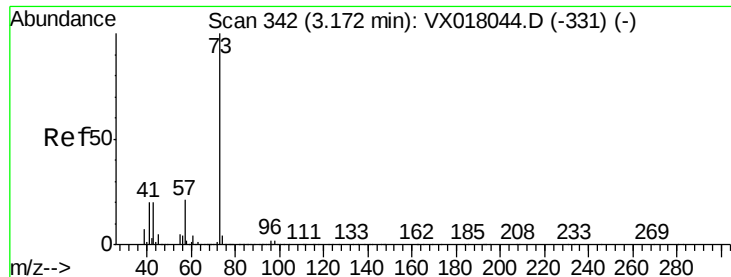
MMDadoda
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#18
Methyl Acetate
Concen: 57.026 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.2	27.4





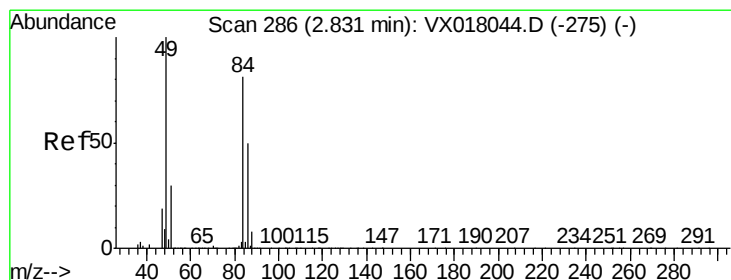
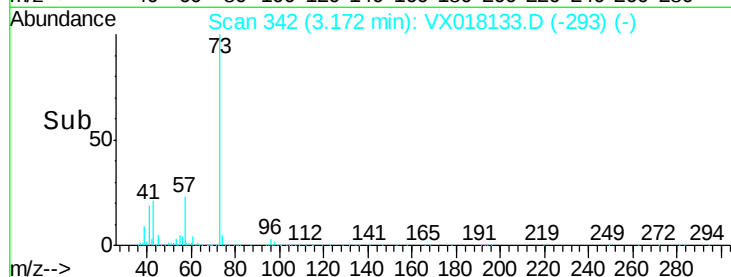
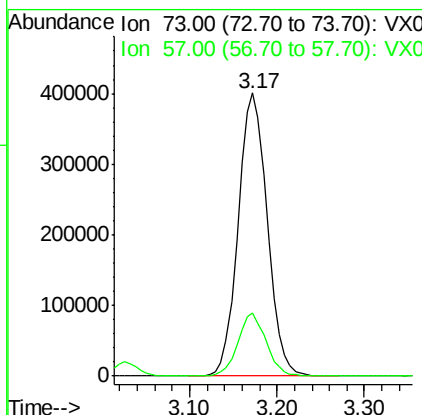
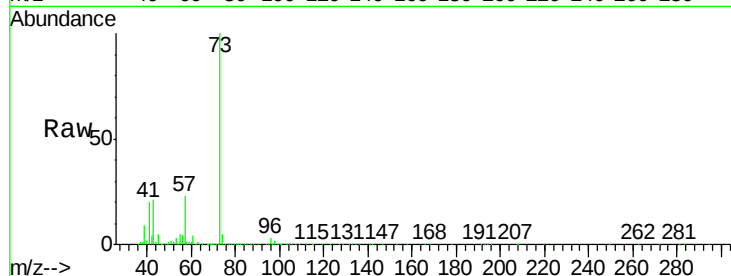
#19
Methvl tert-butvl Ether
Concen: 50.961 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	16.8	25.2

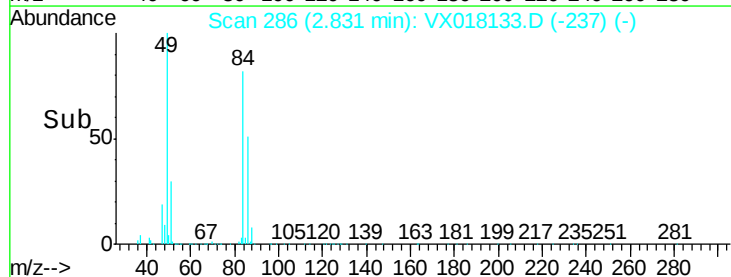
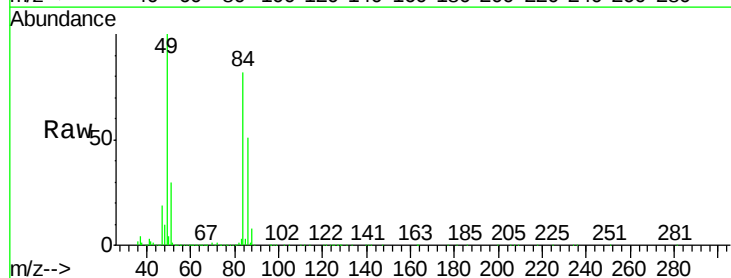
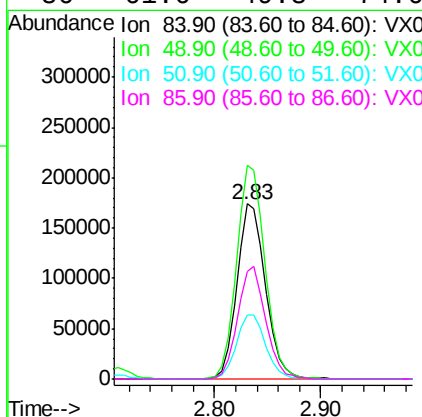
Manual Integrations
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#20
Methylene Chloride
Concen: 54.973 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	98.6	148.0
51	36.5	29.6	44.4
86	61.6	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 47.592 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

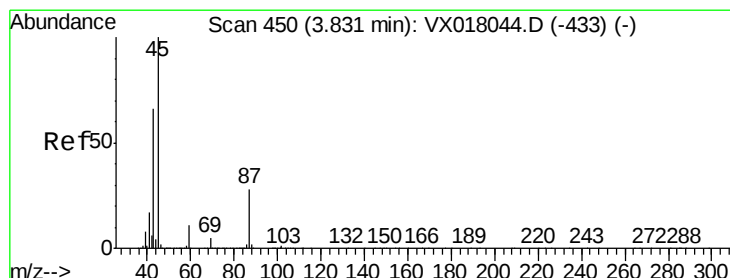
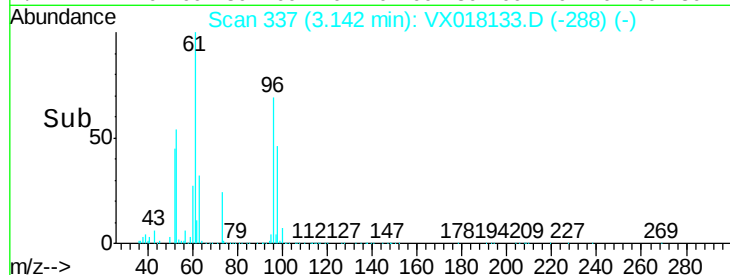
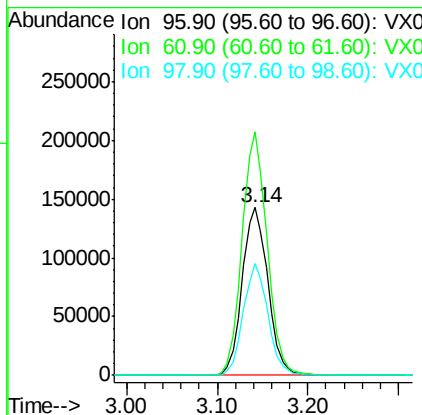
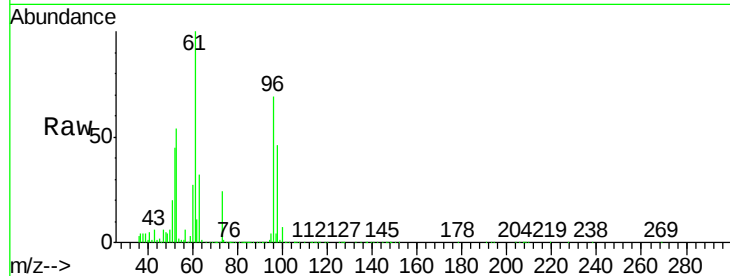
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:	96	Resp:	278316
Ion Ratio	Lower	Upper	
96	100		
61	145.2	115.4	173.0
98	66.6	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.296 ug/l

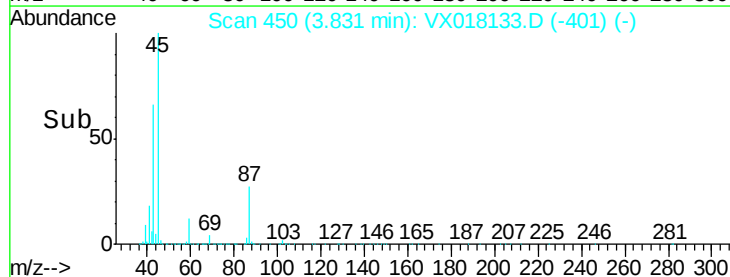
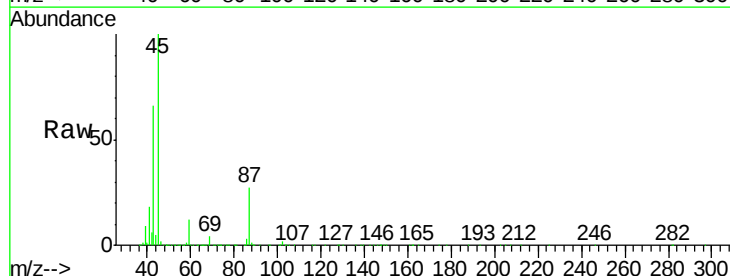
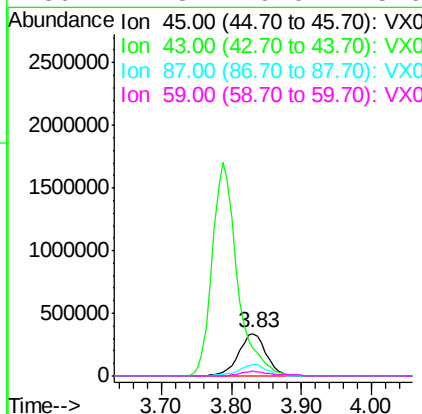
RT: 3.83 min Scan# 450

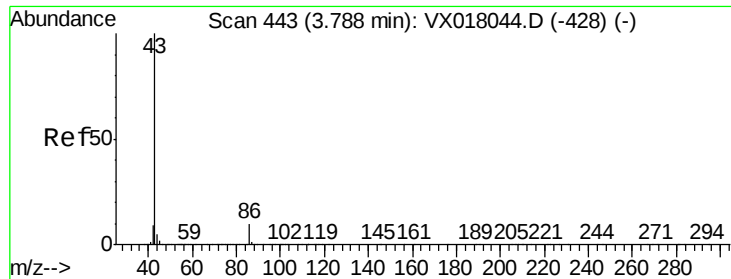
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion:	45	Resp:	922676
Ion Ratio	Lower	Upper	
45	100		
43	65.6	52.8	79.2
87	27.2	22.5	33.7
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 255.112 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 43 Resp: 4248822

Ion Ratio Lower Upper

43 100

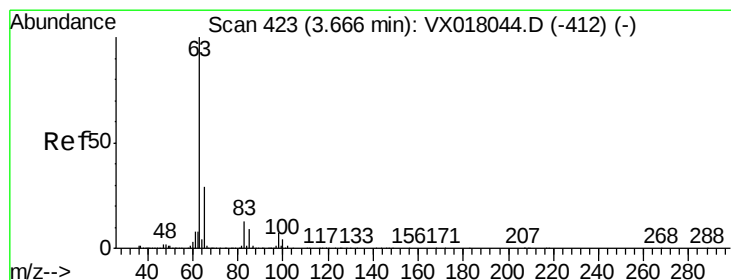
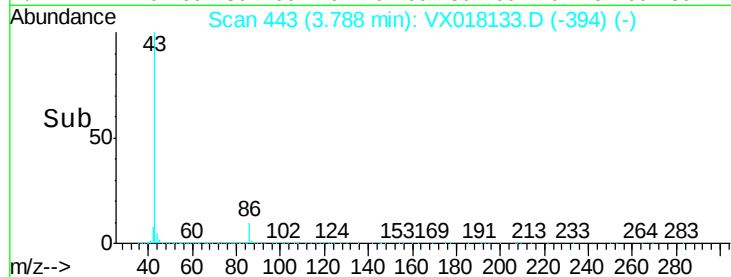
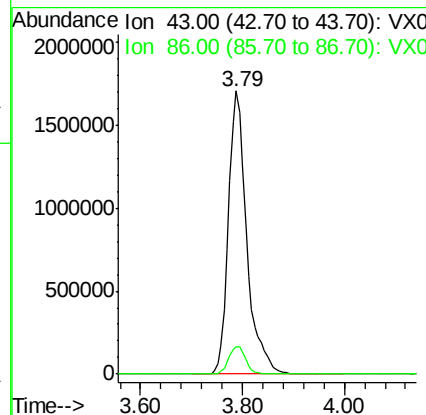
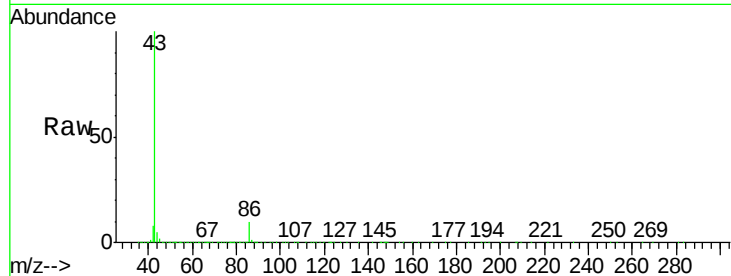
86 9.8 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.913 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

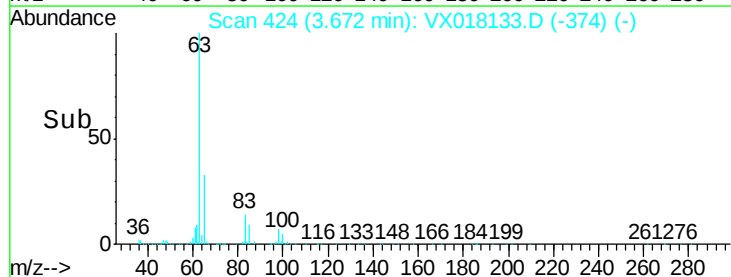
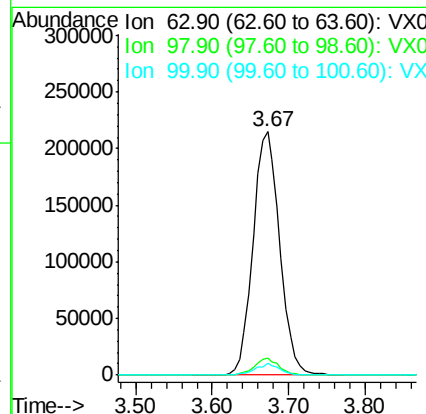
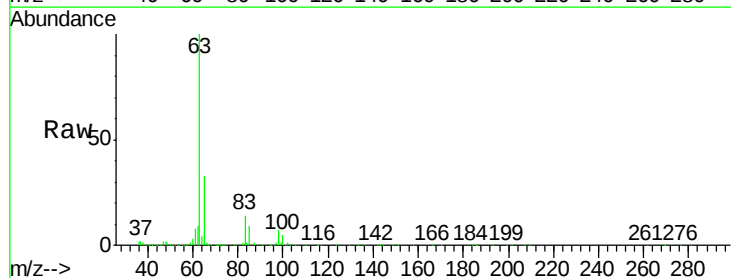
Tgt Ion: 63 Resp: 521146

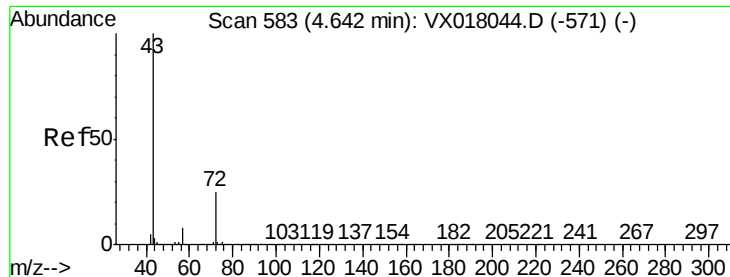
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 273.174 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 43 Resp: 1311751

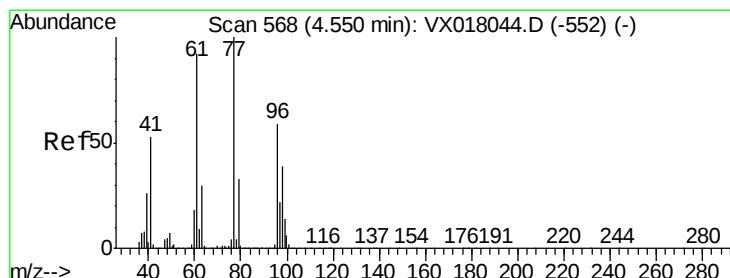
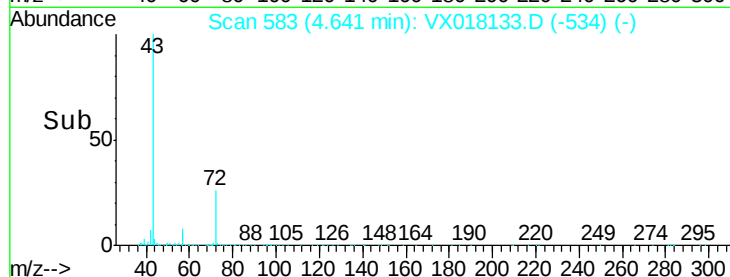
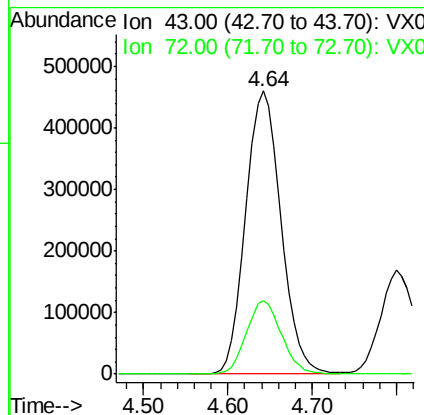
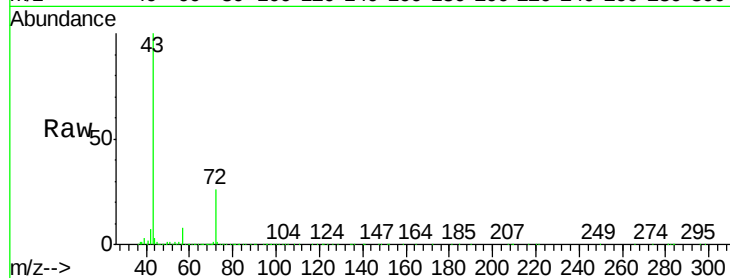
Ion Ratio Lower Upper

43 100

72 25.7 19.8 29.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 39.395 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018133.D

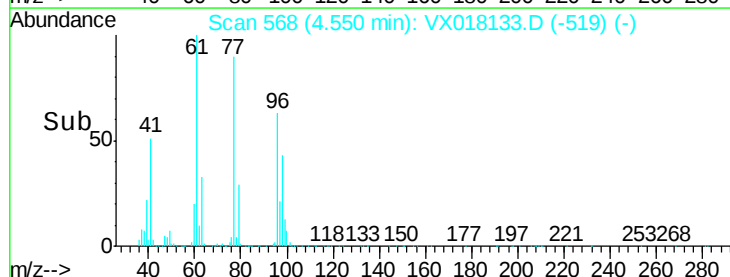
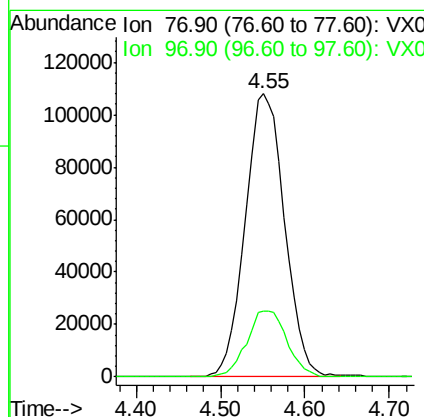
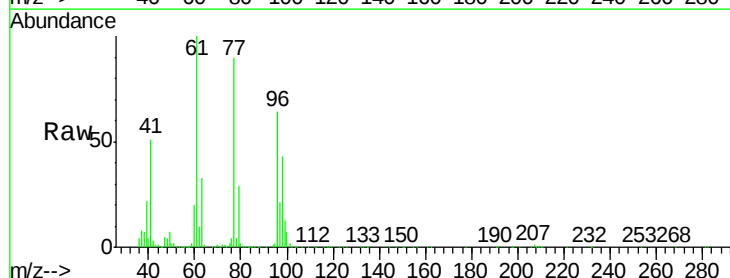
Acq: 28 Aug 2020 20:06

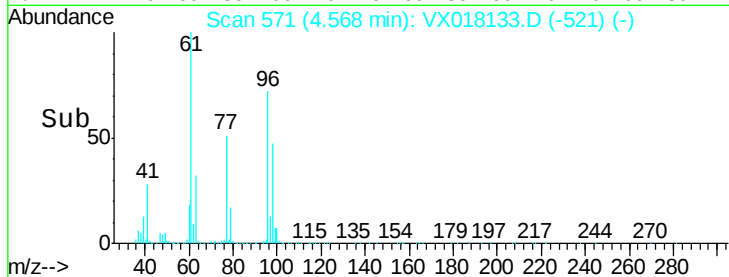
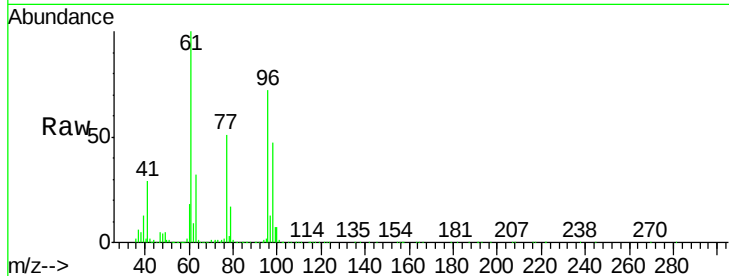
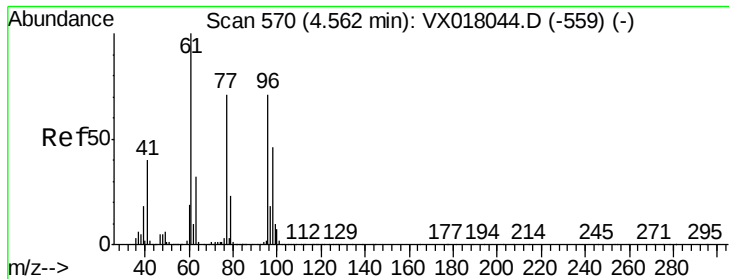
Tgt Ion: 77 Resp: 341518

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 47.433 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		319598		
61	144.2	0.0	296.6		
98	63.5	0.0	130.2		

Instrument :

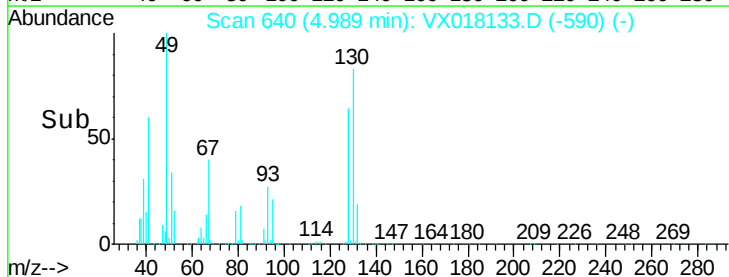
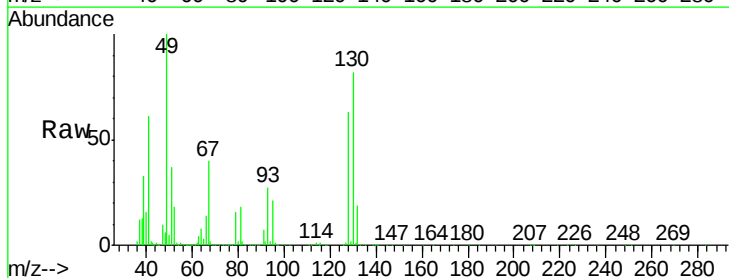
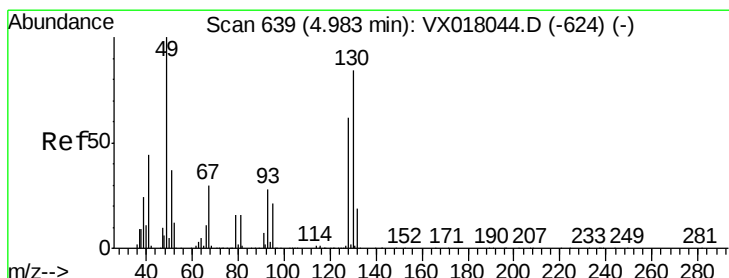
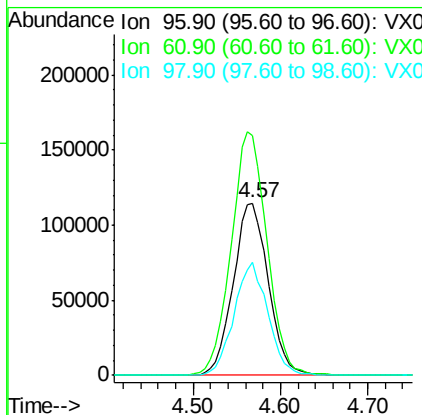
MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

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#28

Bromochloromethane

Concen: 50.458 ug/l

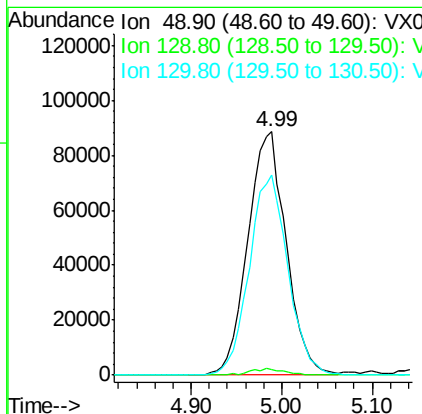
RT: 4.99 min Scan# 640

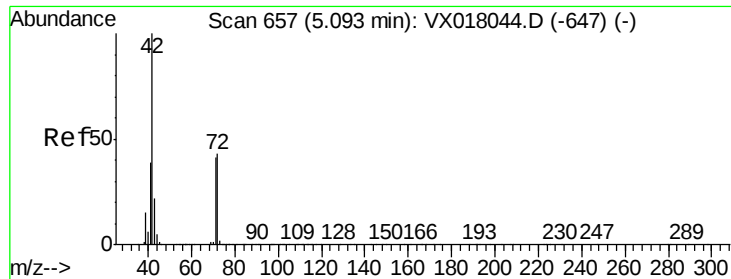
Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		259501		
129	2.3	0.0	4.6		
130	82.9	64.6	96.8		





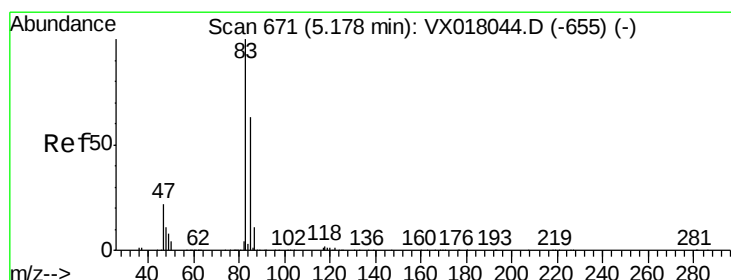
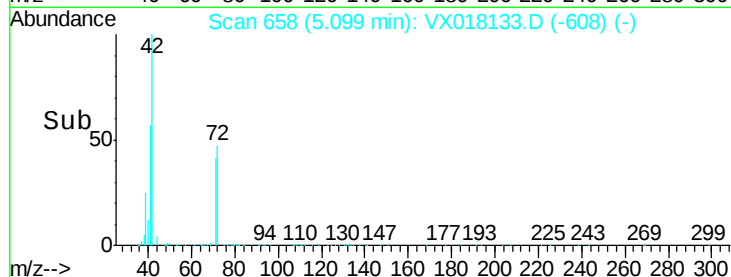
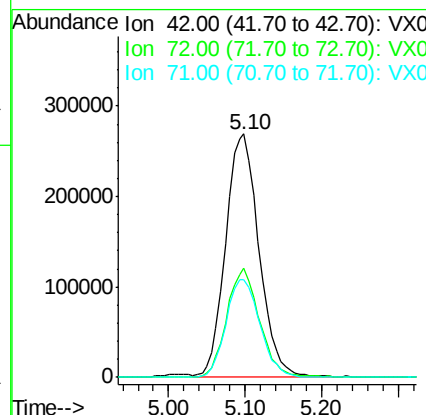
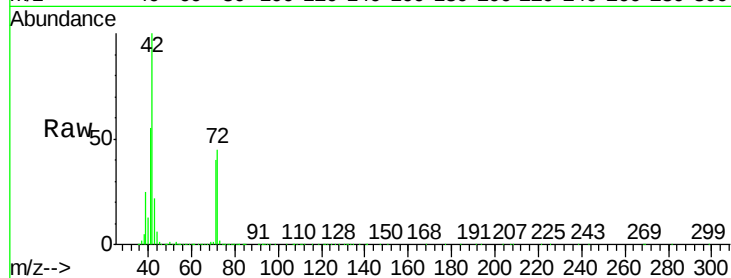
#29
Tetrahydrofuran
Concen: 263.315 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	44.6		34.2	51.4
71	41.4		32.1	48.1

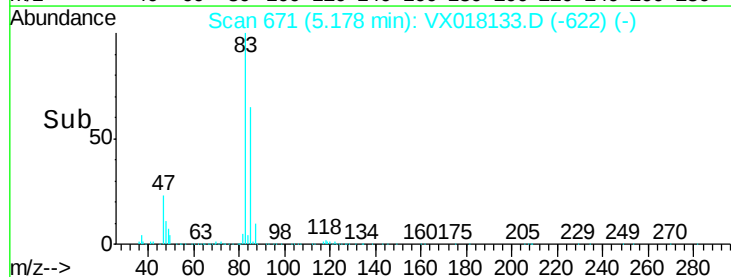
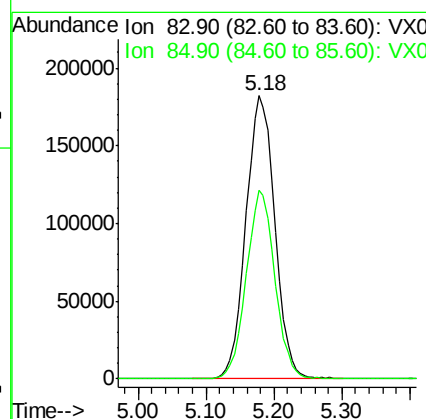
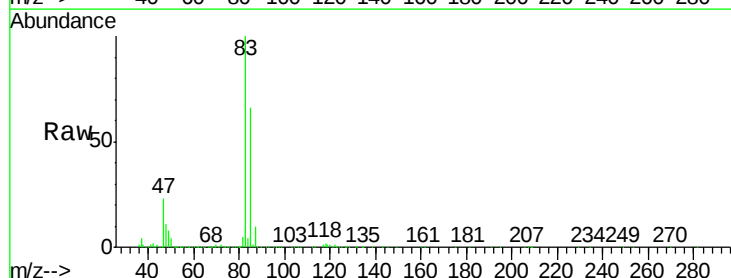
Manual Integrations
APPROVED

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8/31/2020 8:57:52 AM



#30
Chloroform
Concen: 48.843 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	66.5		50.7	76.1





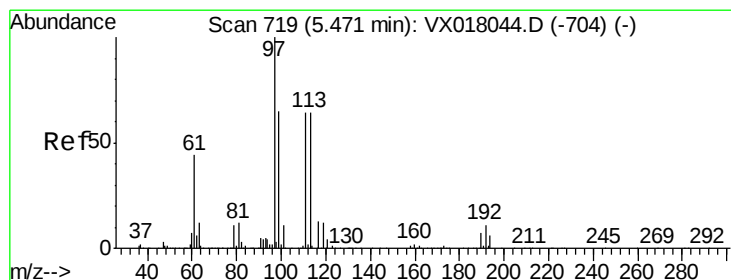
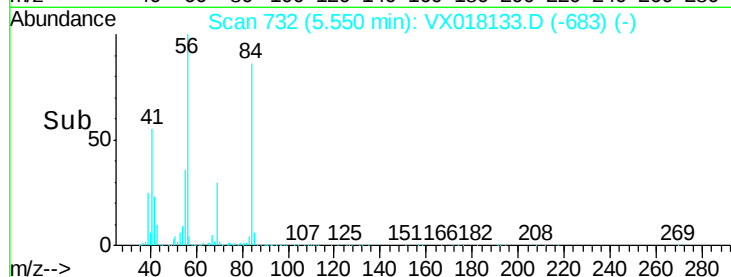
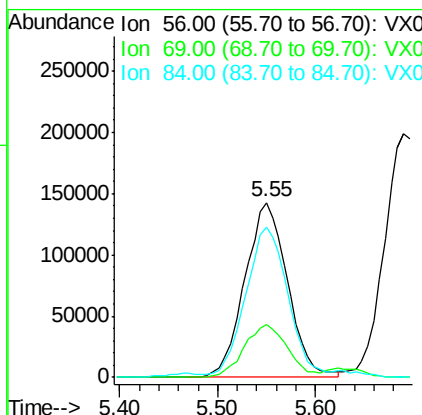
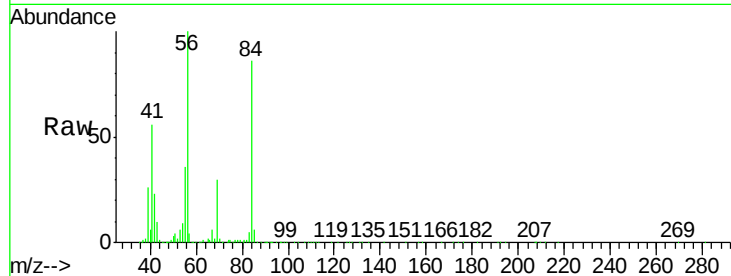
#31
Cyclohexane
Concen: 48.086 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.3	23.9	35.9	
84	84.2	67.0	100.4	

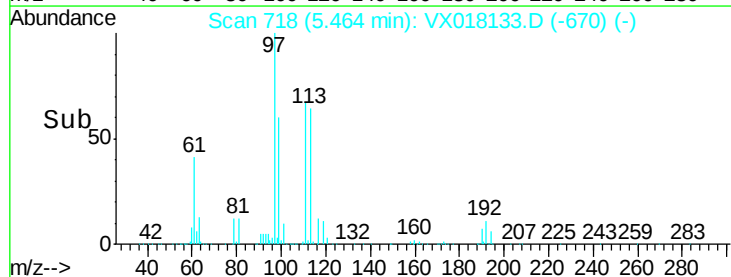
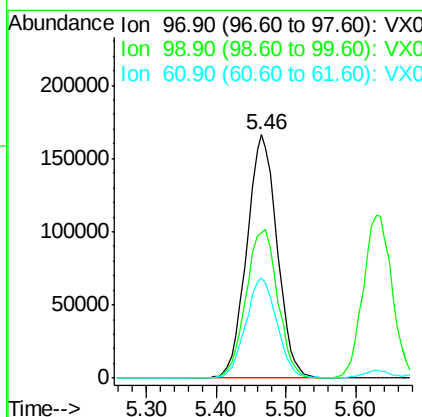
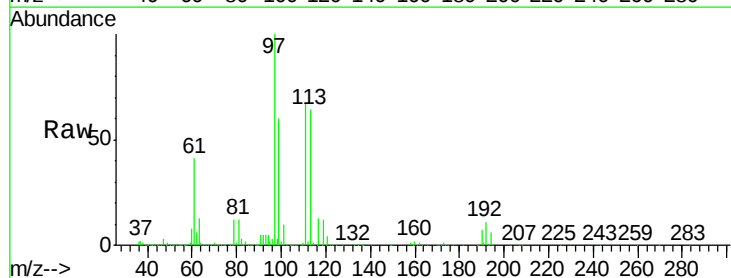
Manual Integrations
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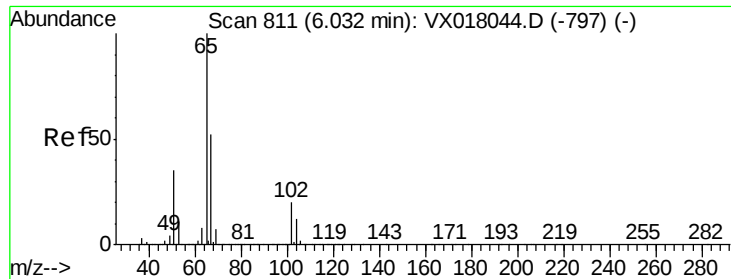
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#32
1,1,1-Trichloroethane
Concen: 49.324 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.1	51.4	77.0	
61	42.2	34.2	51.4	





#33

1,2-Dichloroethane-d4

Concen: 52.373 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 65 Resp: 392714

Ion Ratio Lower Upper

65 100

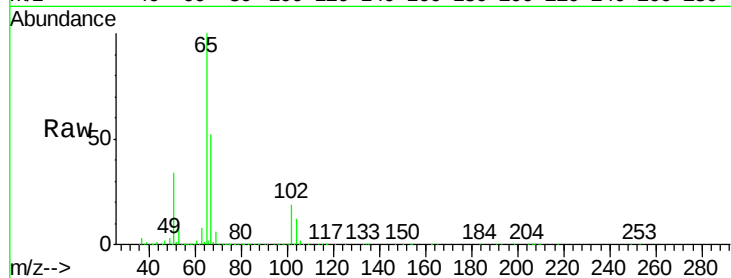
67 52.7 0.0 105.8

Manual Integrations

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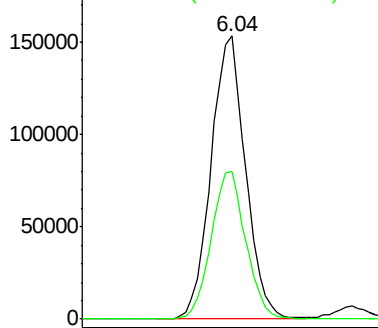
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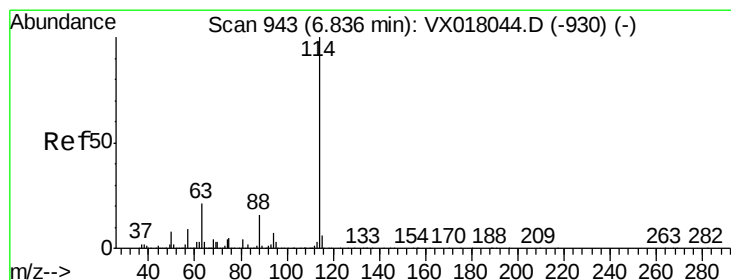
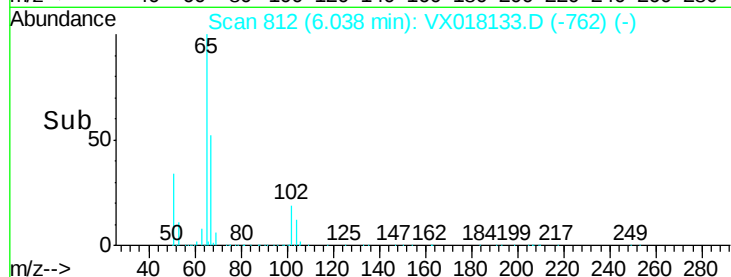


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

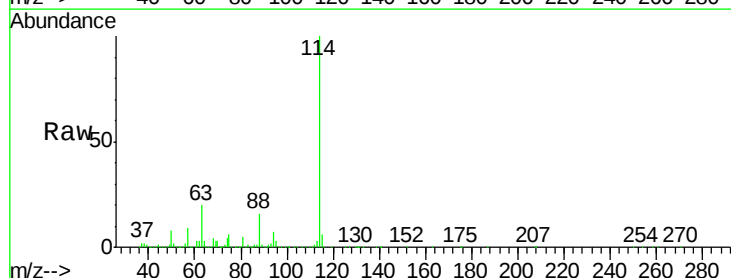
Tgt Ion: 114 Resp: 885545

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

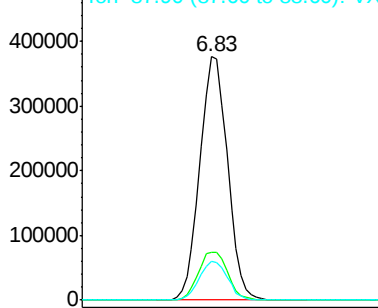
88 15.9 0.0 31.8



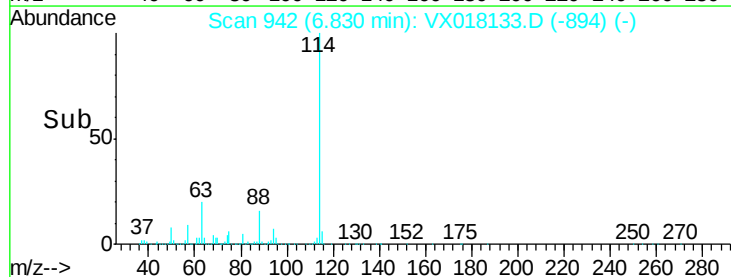
Abundance Ion 113.90 (113.60 to 114.60): V

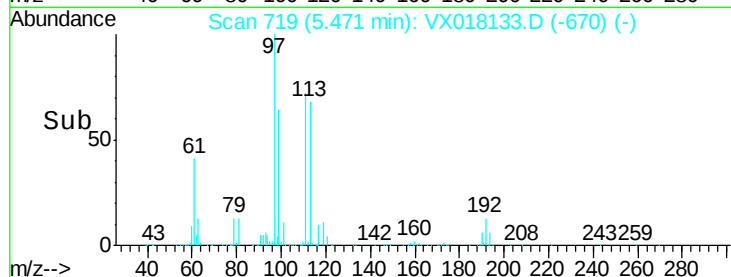
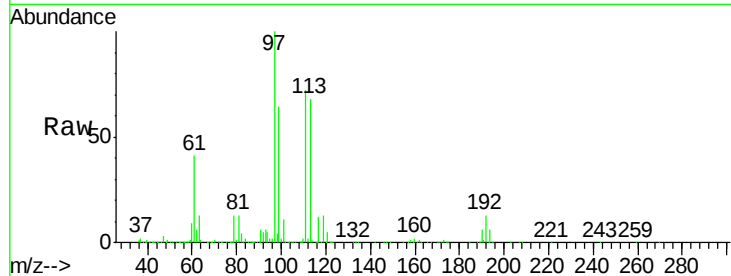
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





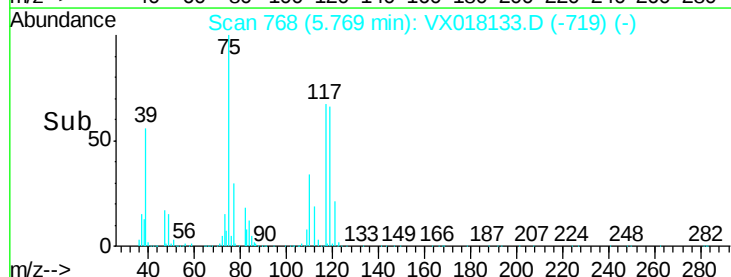
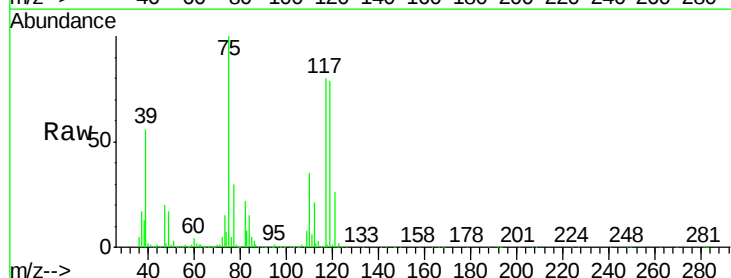
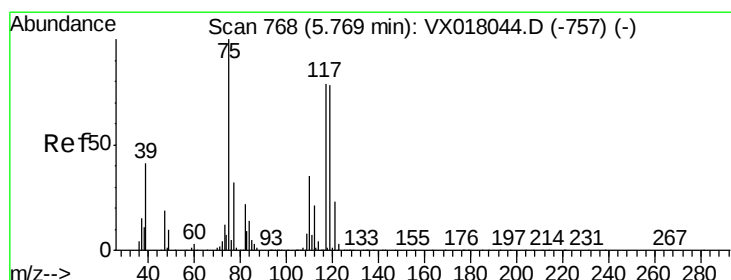
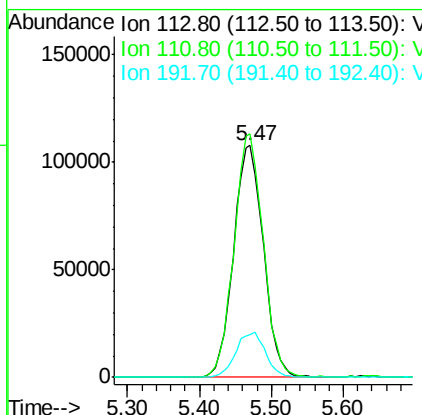
#35
Dibromofluoromethane
Concen: 51.479 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tot Ion	Ratio	Resp	Lower	Upper
113	100	310471		
111	102.7	81.6	122.4	
192	19.3	15.8	23.8	

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

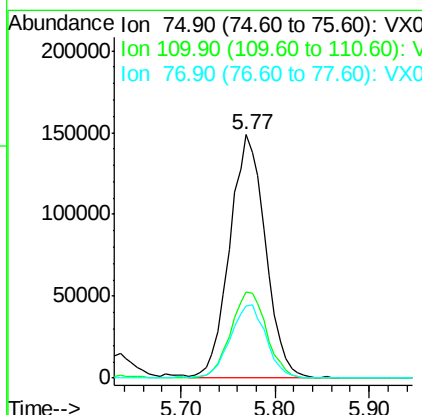
Manual Integrations
APPROVED

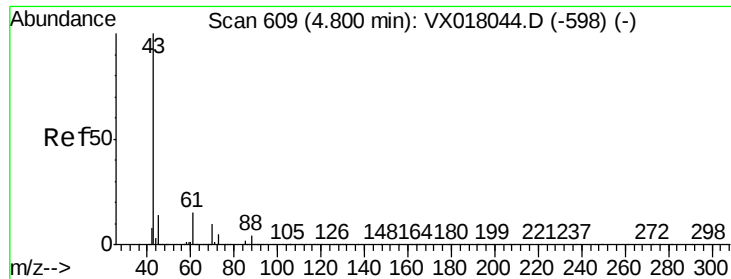
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#36
1,1-Dichloropropene
Concen: 47.899 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	391228		
110	36.0	18.0	54.0	
77	30.6	24.4	36.6	





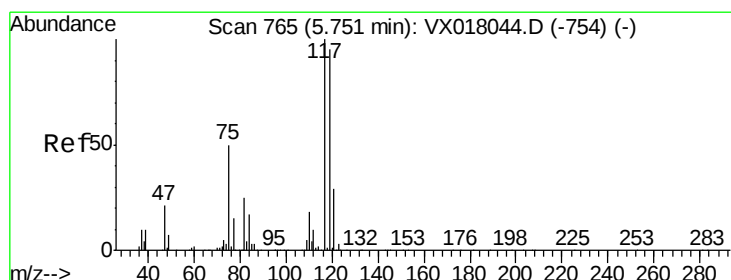
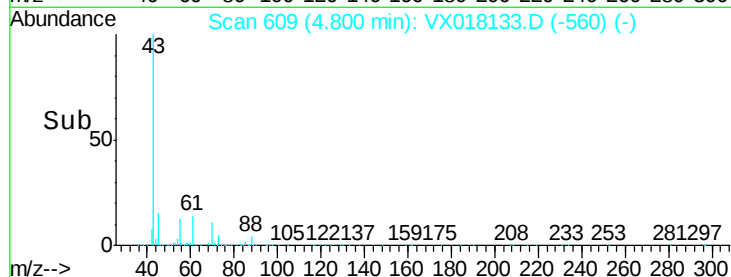
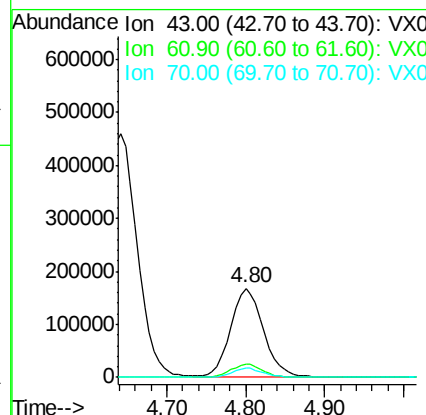
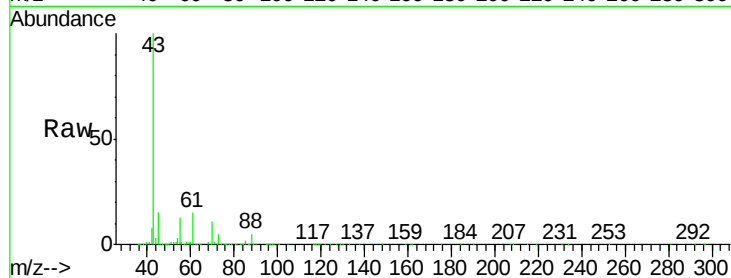
#37
Ethyl Acetate
Concen: 51.008 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	43	Resp	483885
Ion Ratio	100	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.3	8.2	12.4

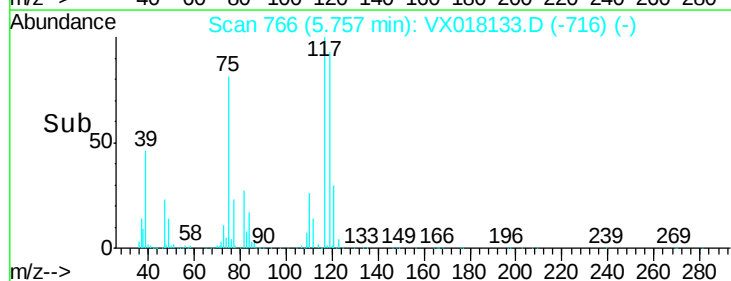
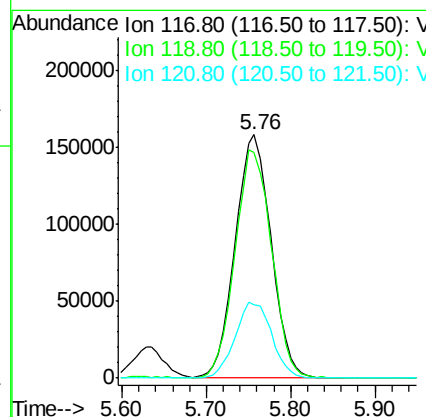
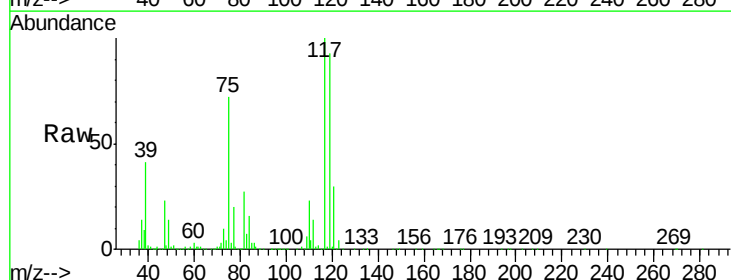
Manual Integrations
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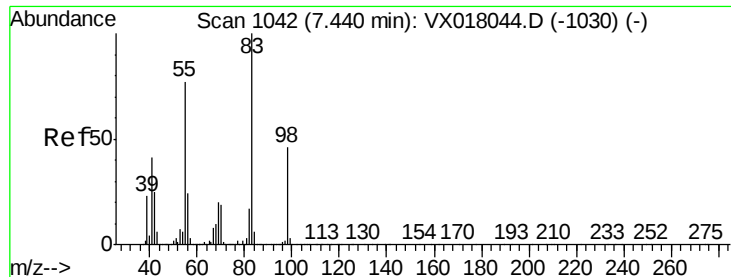
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#38
Carbon Tetrachloride
Concen: 49.679 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	117	Resp	457286
Ion Ratio	100	Lower	Upper
117	100		
119	93.0	75.8	113.6
121	30.2	23.4	35.0





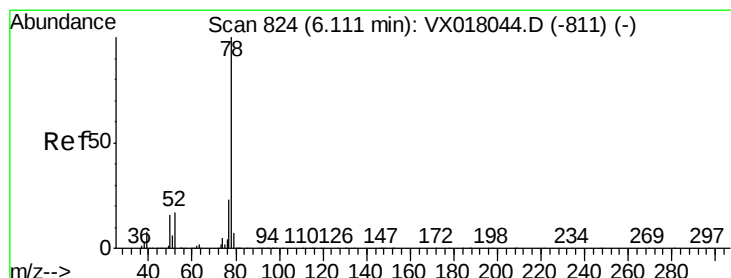
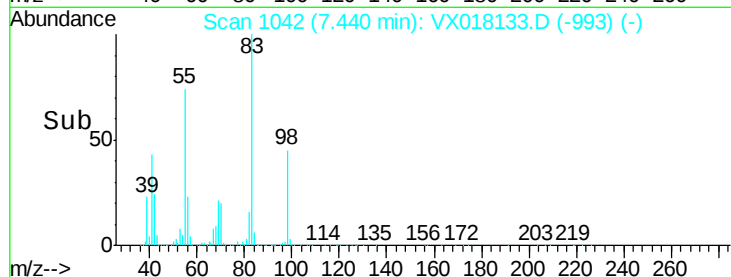
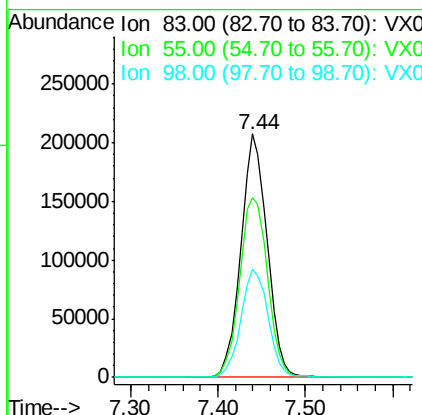
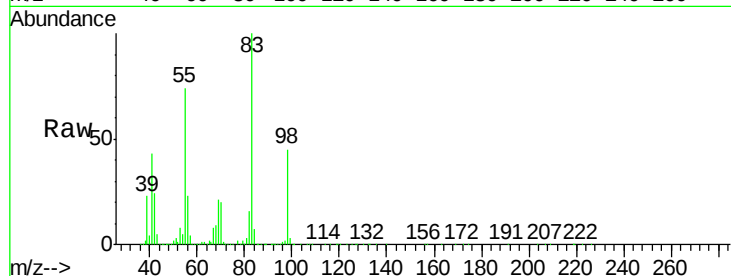
#39
Methylvlcyclohexane
Concen: 48.400 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.8	92.6
98	44.6	36.6	55.0

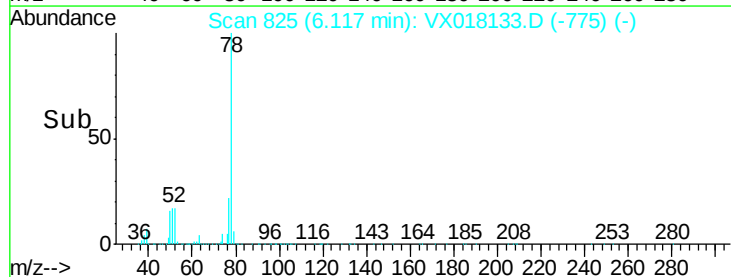
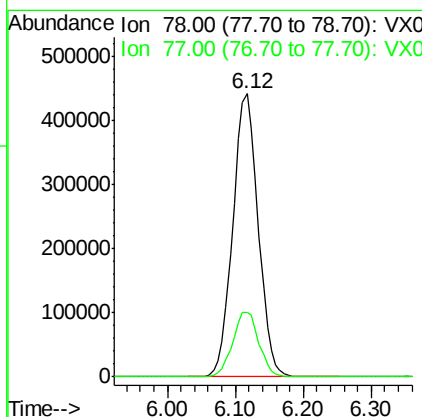
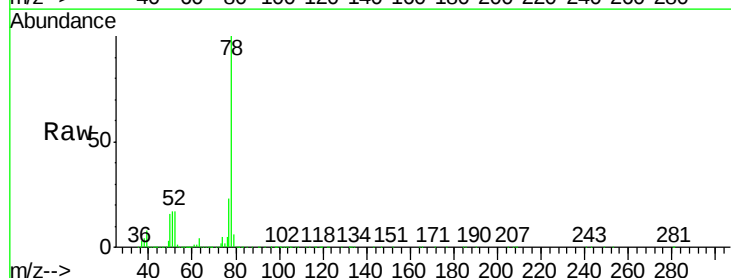
Manual Integrations
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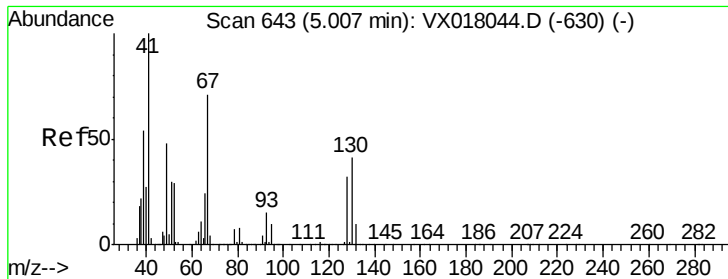
MMDadoda
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#40
Benzene
Concen: 47.728 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.2





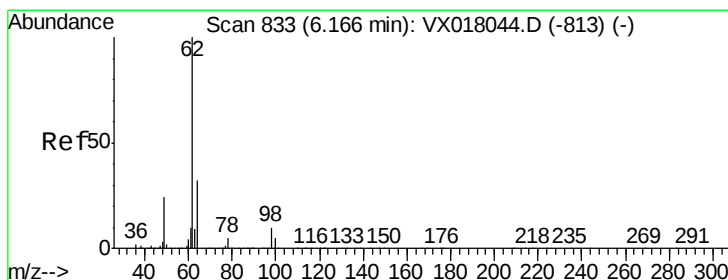
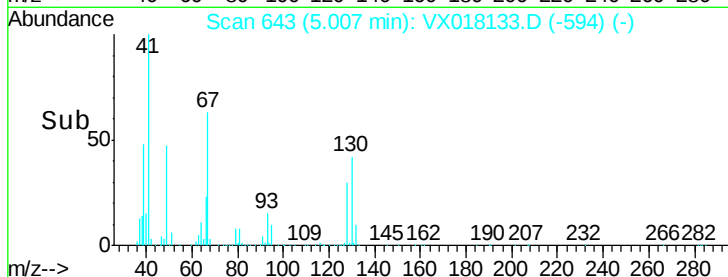
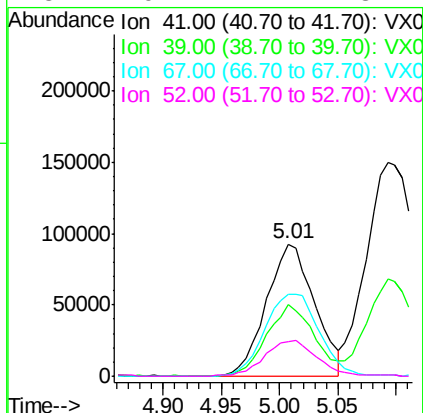
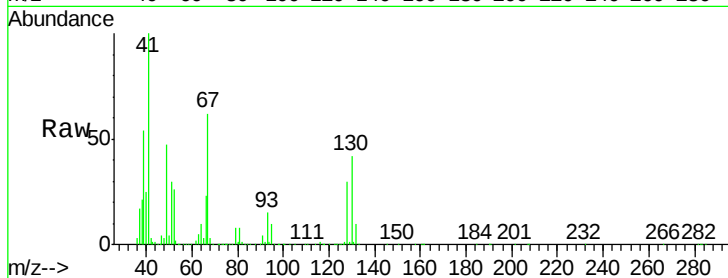
#41
Methacrylonitrile
Concen: 50.619 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
263659	41	100		
	39	55.3	43.1	64.7
	67	71.0	56.0	84.0
	52	29.1	22.7	34.1

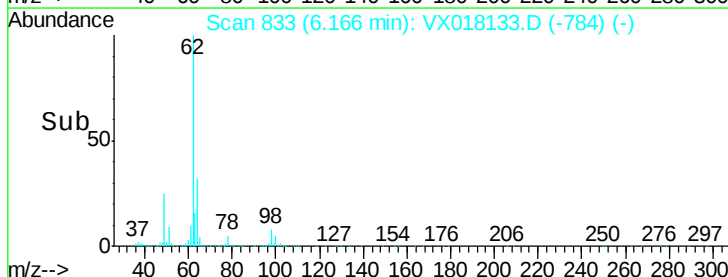
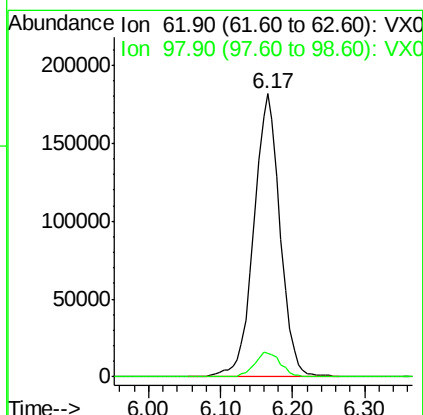
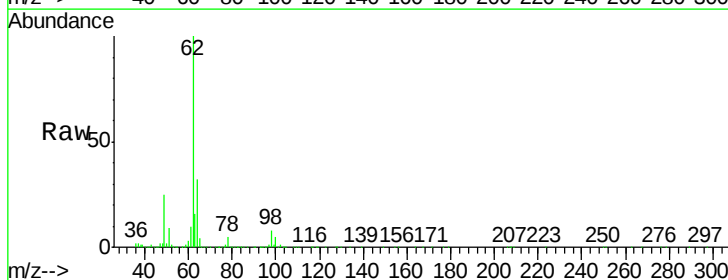
Manual Integrations
APPROVED

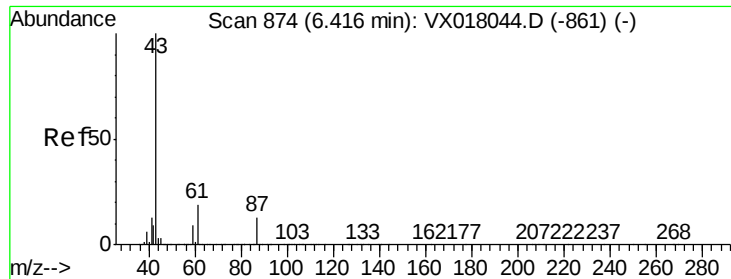
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.073 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ion	Ratio	Lower	Upper
460440	62	100		
	98	8.6	0.0	18.2





#43

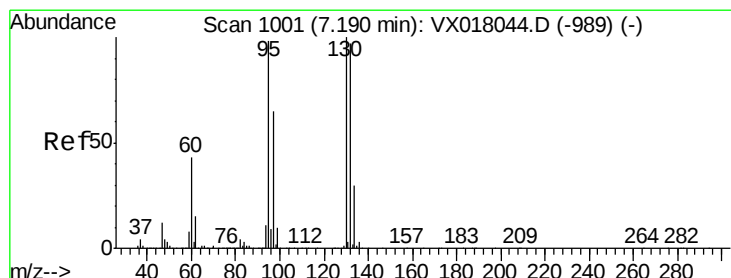
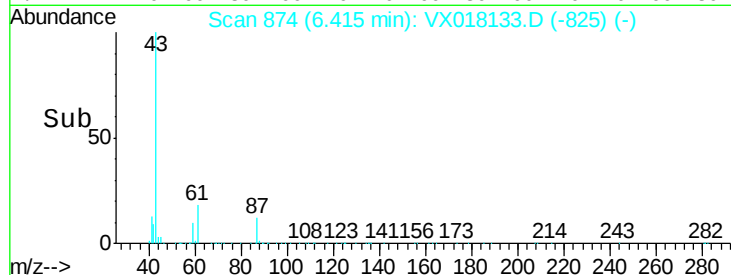
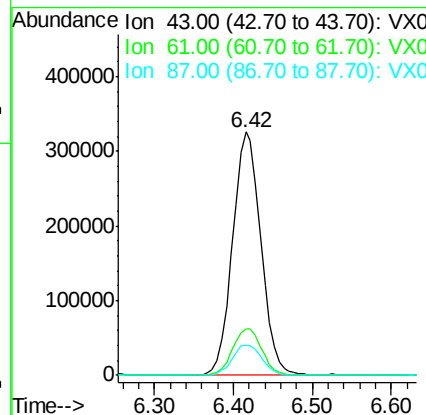
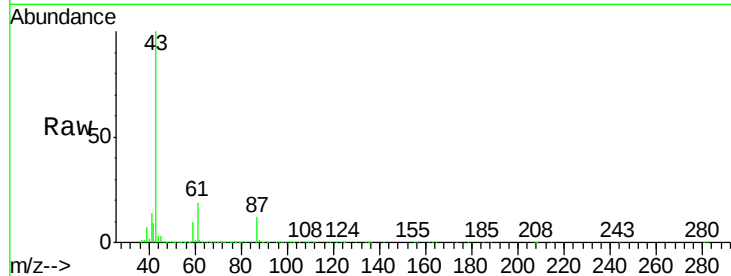
Isopropyl Acetate
 Concen: 52.695 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.7	23.5
87	13.3	10.3	15.5

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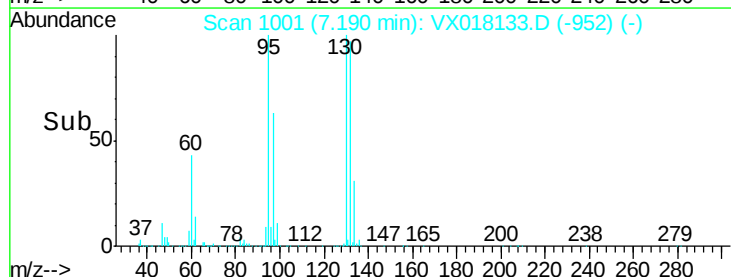
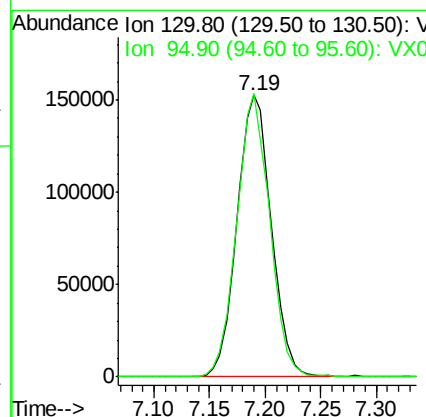
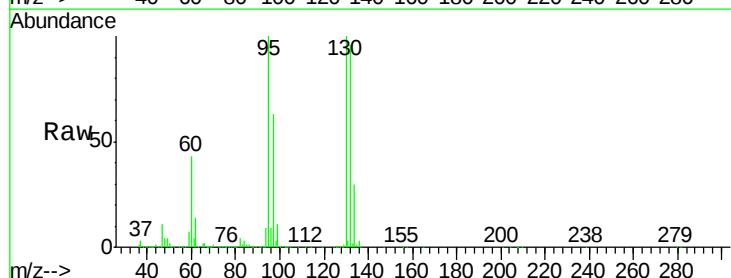
MMDadoda
 8/31/2020 8:57:52 AM

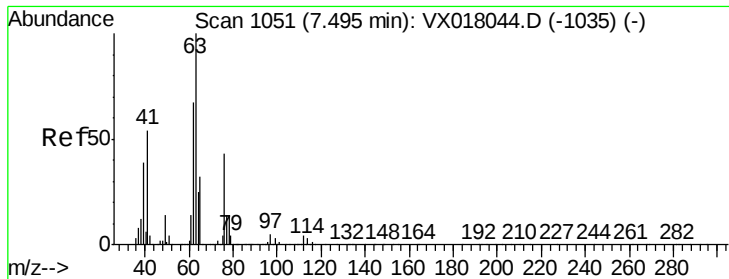


#44

Trichloroethene
 Concen: 47.904 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	196.4





#45

1,2-Dichloropropane

Concen: 48.689 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 63 Resp: 314944

Ion Ratio Lower Upper

63 100

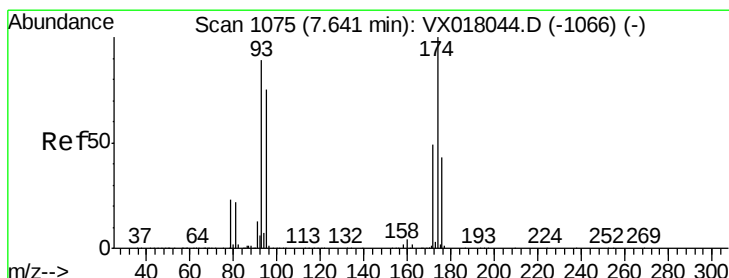
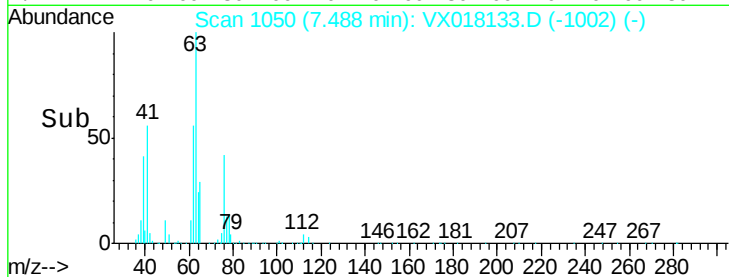
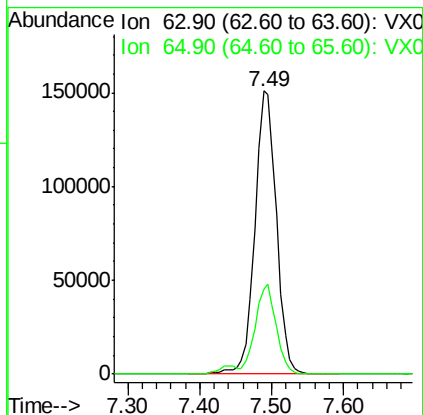
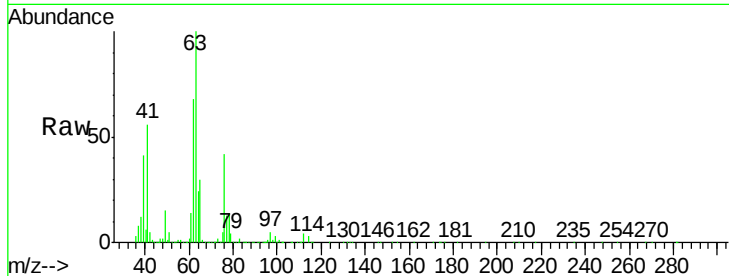
65 29.9 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 47.835 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

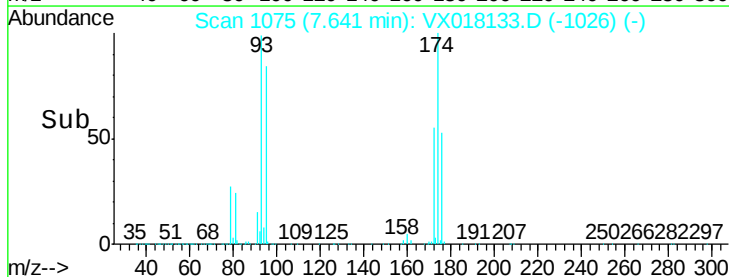
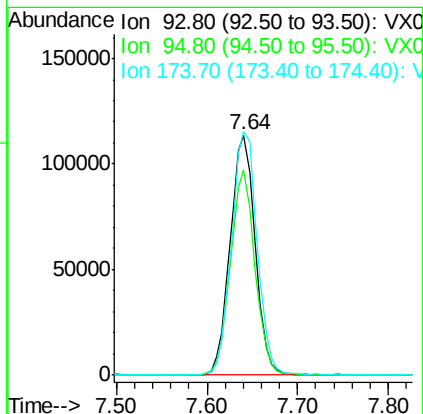
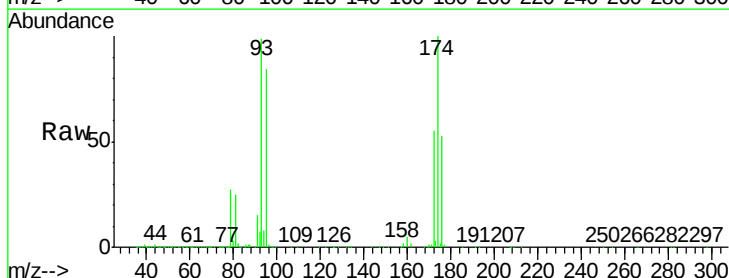
Tgt Ion: 93 Resp: 217586

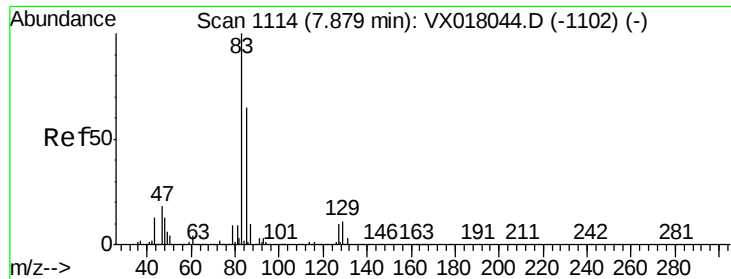
Ion Ratio Lower Upper

93 100

95 84.0 67.3 100.9

174 104.4 82.2 123.2





#47

Bromodichloromethane

Concen: 50.370 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

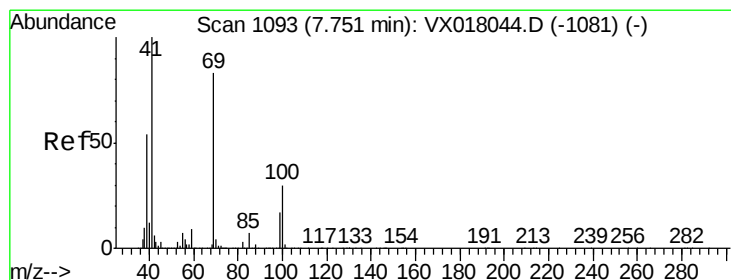
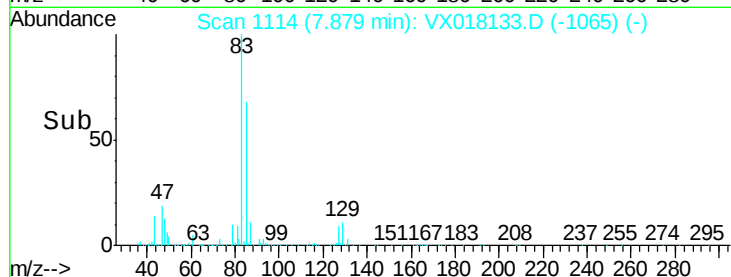
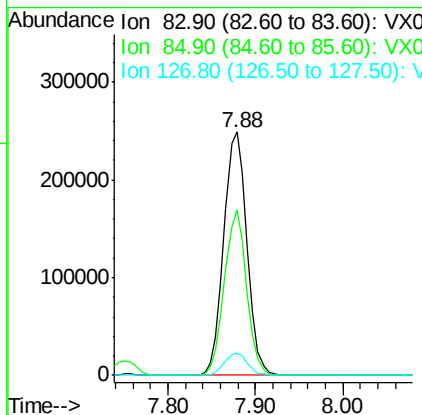
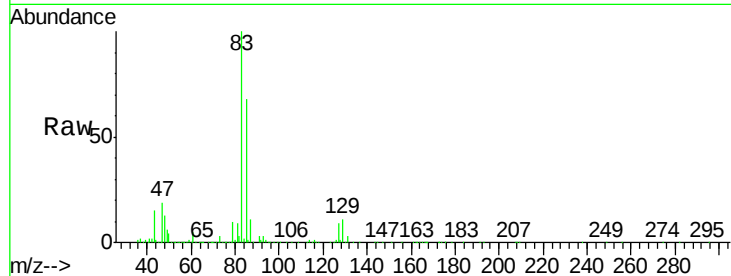
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:	83	Resp:	457481
Ion Ratio	Lower	Upper	
83	100		
85	68.1	51.8	77.6
127	9.2	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.164 ug/l

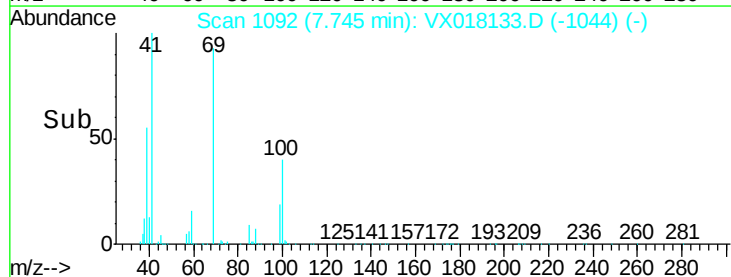
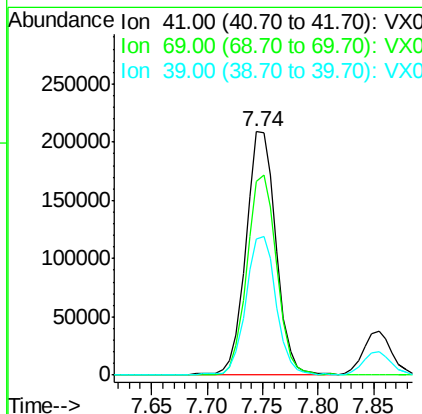
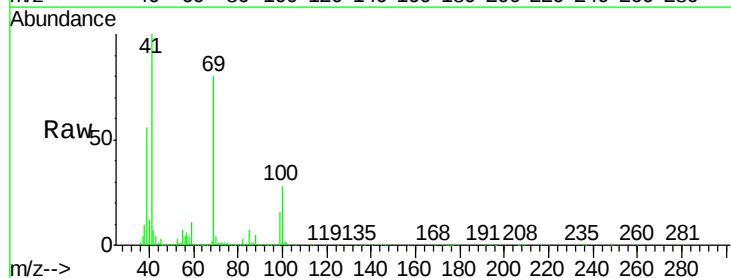
RT: 7.74 min Scan# 1092

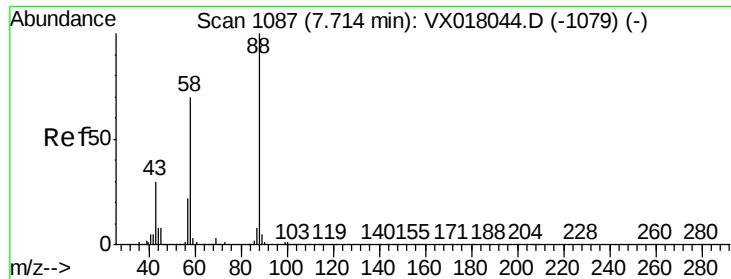
Delta R.T. -0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion:	41	Resp:	390255
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.5	98.3
39	57.5	44.5	66.7





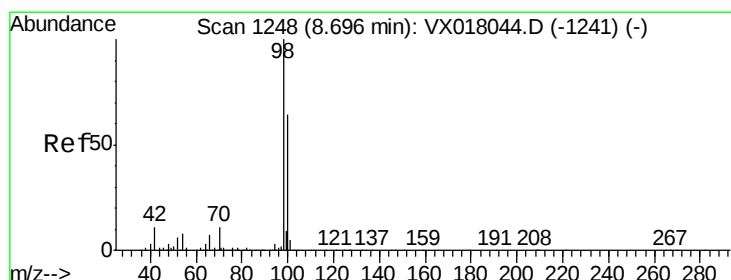
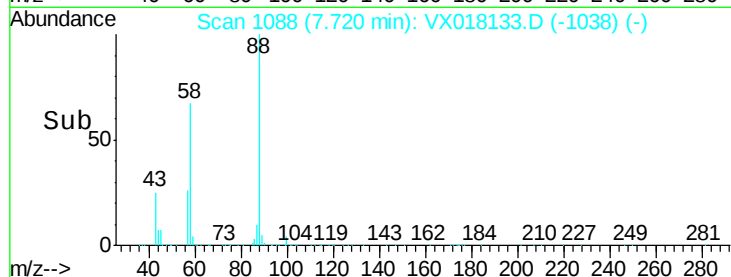
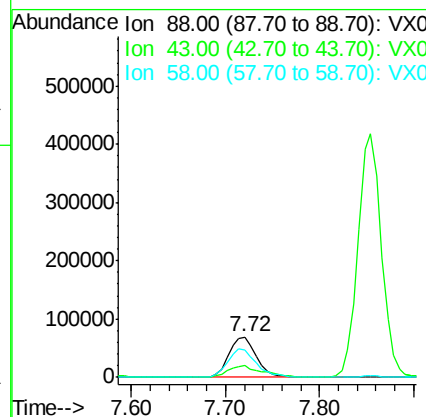
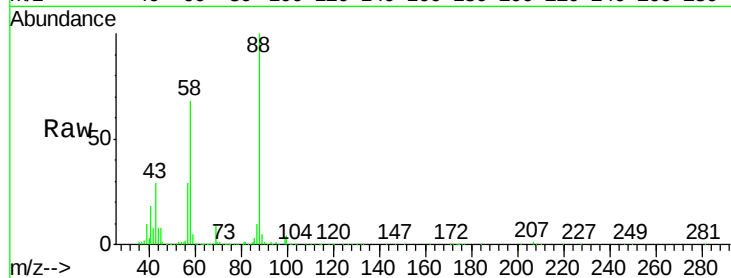
#49
1,4-Dioxane
Concen: 1020.159 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.4	41.0
58	73.3	56.4	84.6

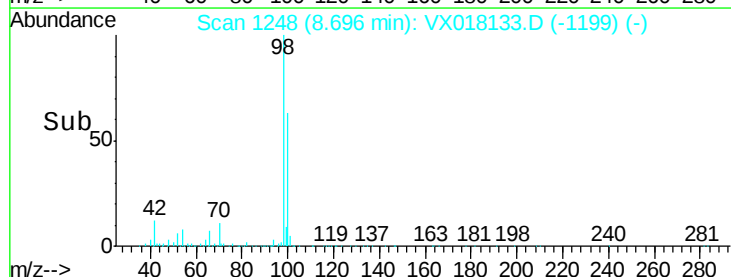
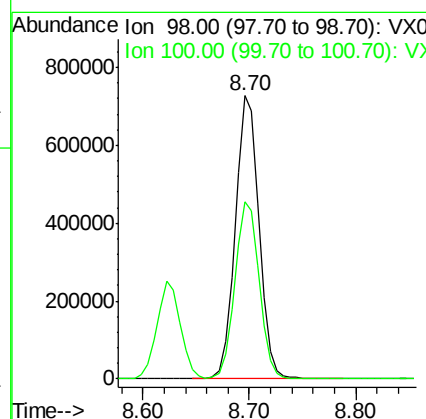
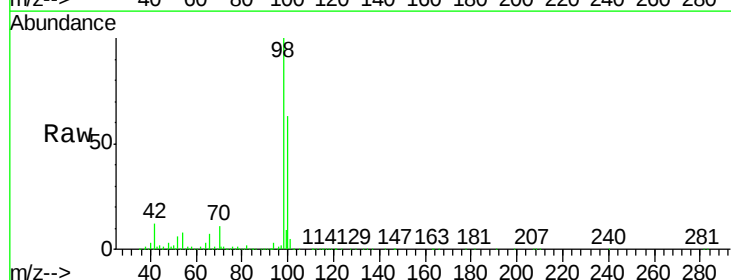
Manual Integrations
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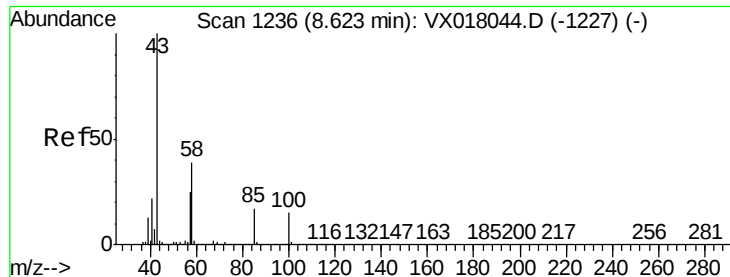
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#50
Toluene-d8
Concen: 50.614 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 272.994 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 43 Resp: 2583814

Ion Ratio Lower Upper

43 100

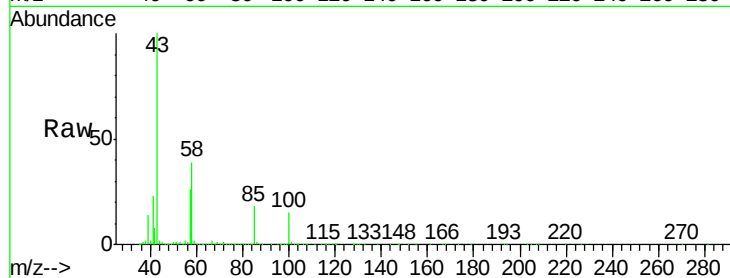
58 38.0 30.7 46.1

Manual Integrations

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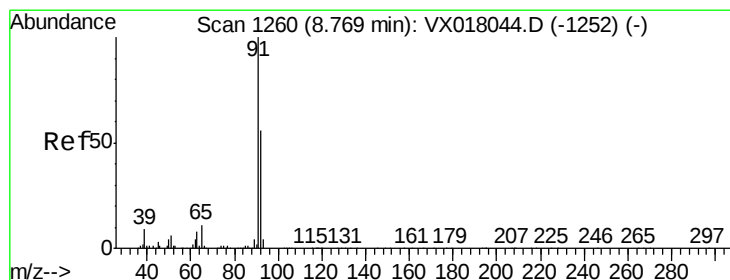
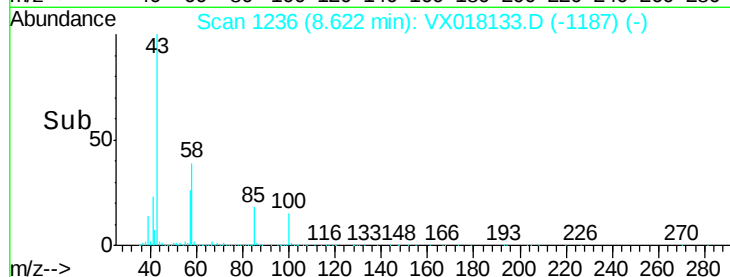
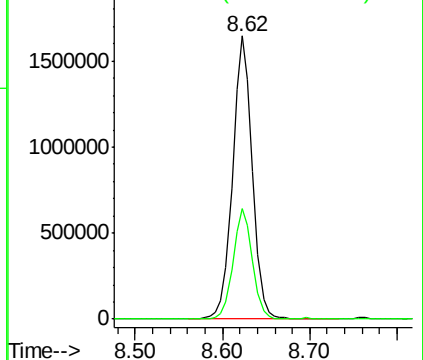
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.619 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018133.D

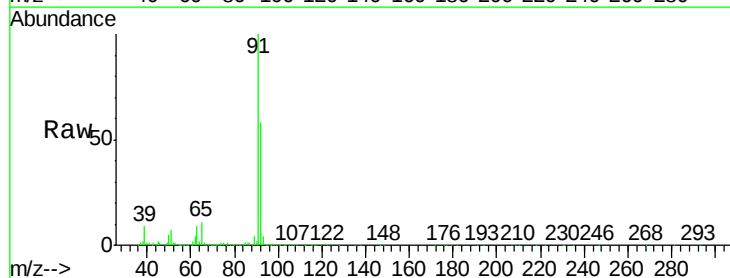
Acq: 28 Aug 2020 20:06

Tgt Ion: 92 Resp: 755122

Ion Ratio Lower Upper

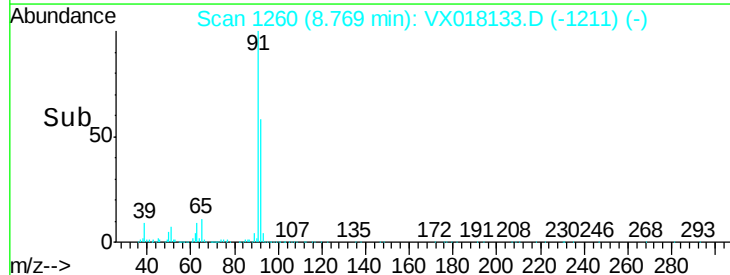
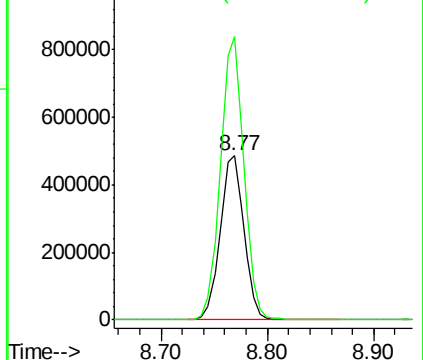
92 100

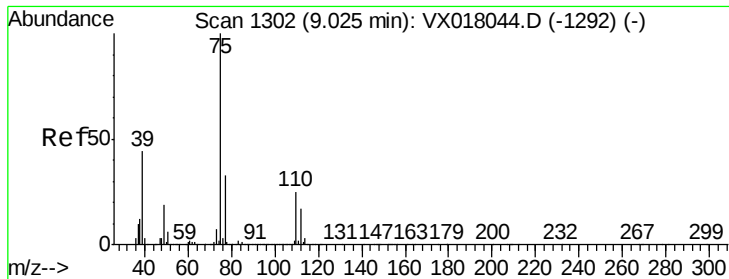
91 170.6 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





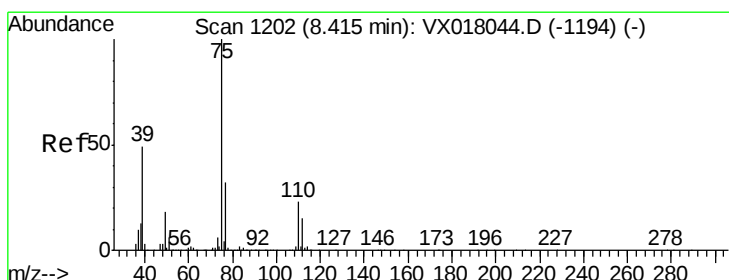
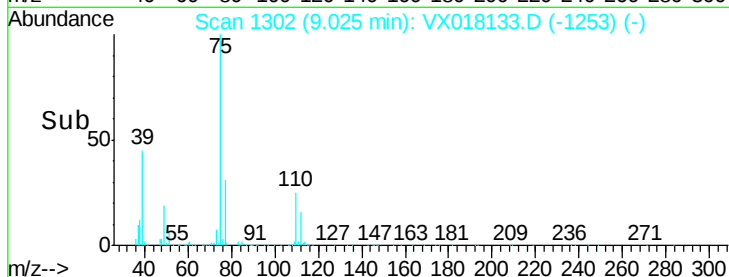
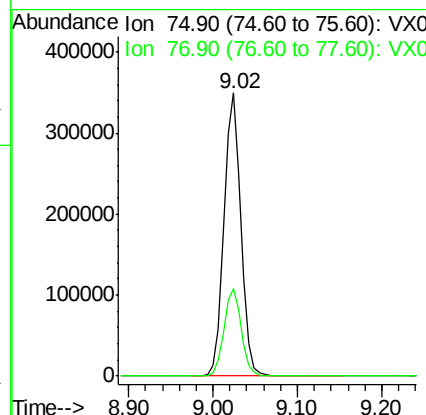
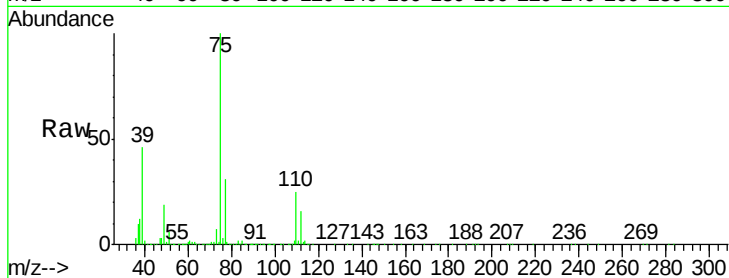
#53
t-1,3-Dichloropropene
Concen: 48.315 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.6	39.8

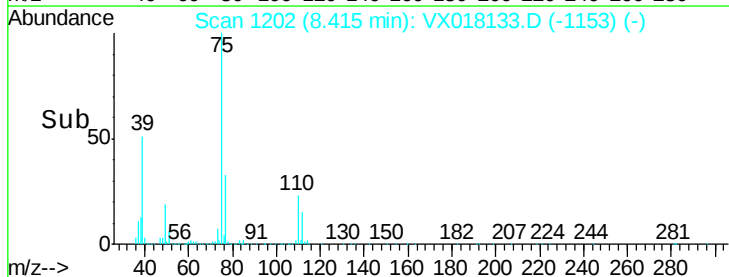
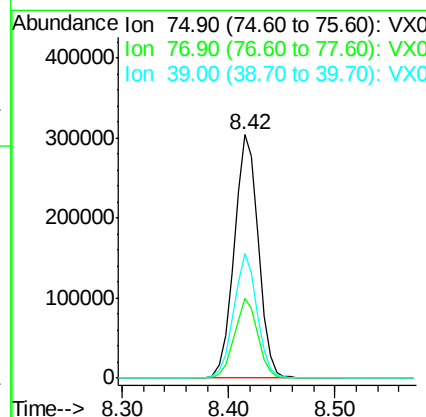
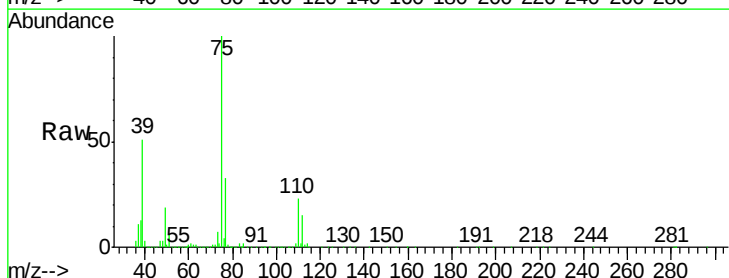
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 45.369 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.8	38.8
39	50.8	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 49.983 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

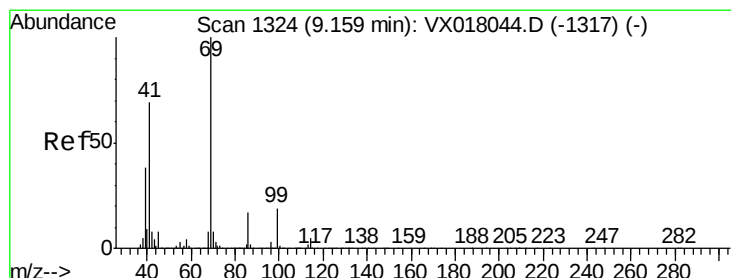
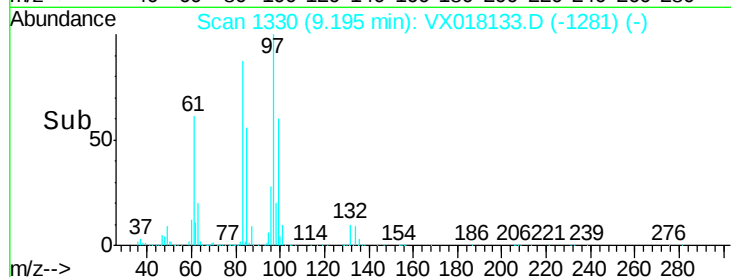
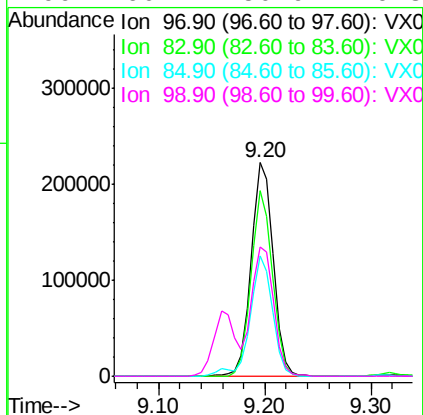
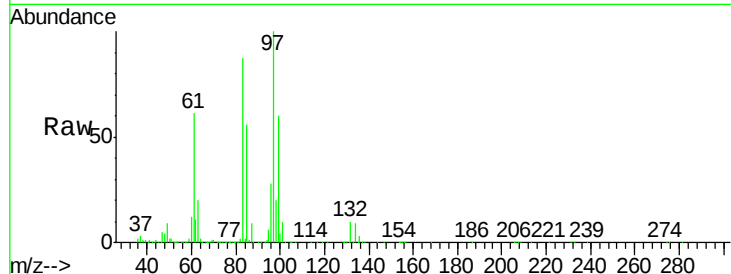
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		324416		
83	87.1	67.8	101.6		
85	56.4	45.3	67.9		
99	60.4	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 51.918 ug/l

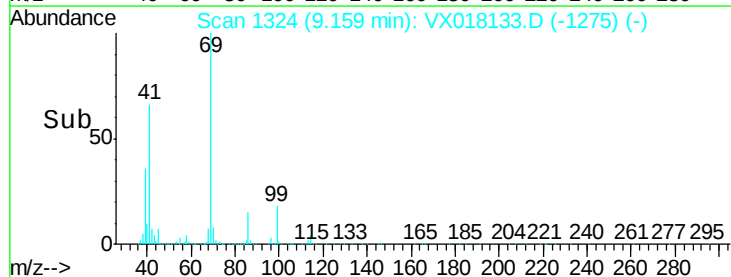
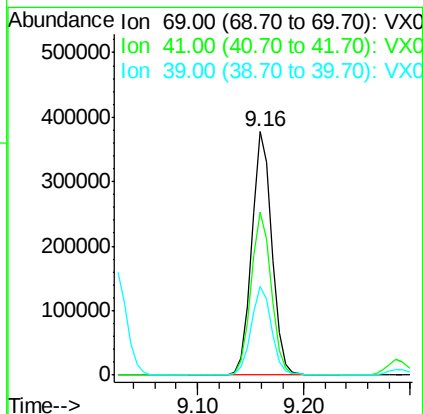
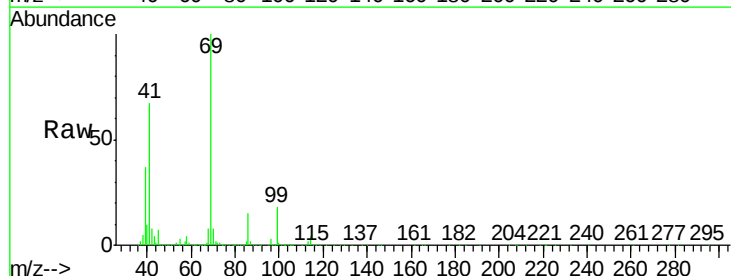
RT: 9.16 min Scan# 1324

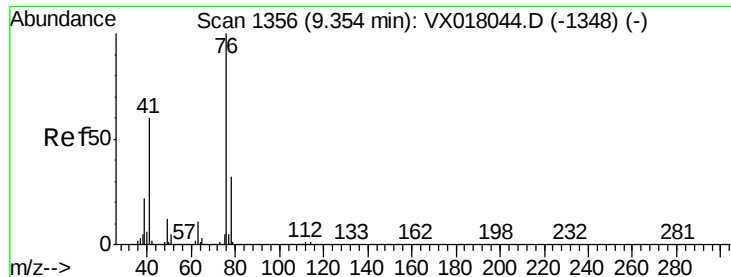
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		500948		
41	67.3	54.6	81.8		
39	37.0	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 49.901 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 76 Resp: 534199

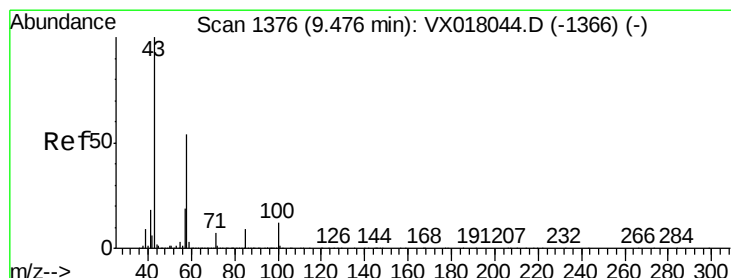
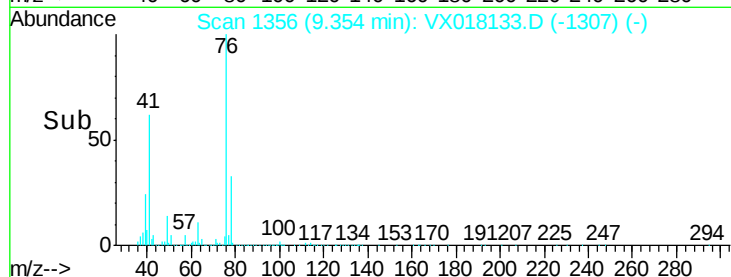
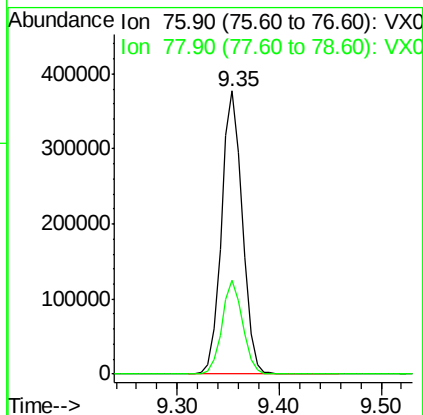
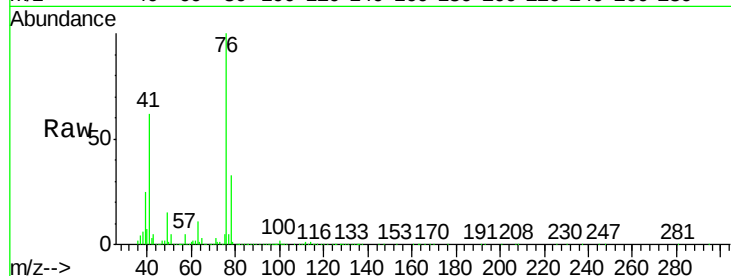
Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6

Manual Integrations
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#59

2-Hexanone

Concen: 279.171 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018133.D

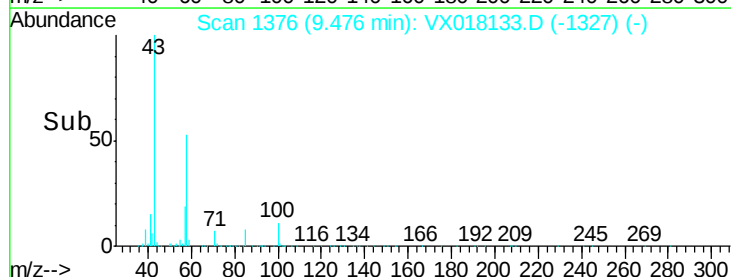
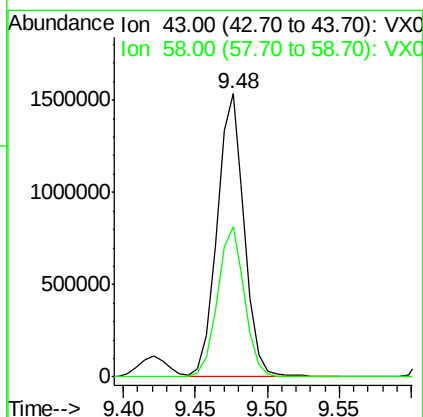
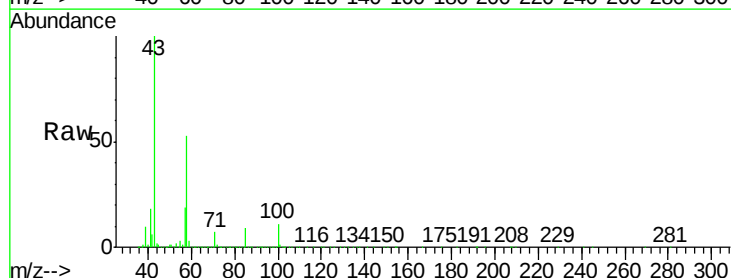
Acq: 28 Aug 2020 20:06

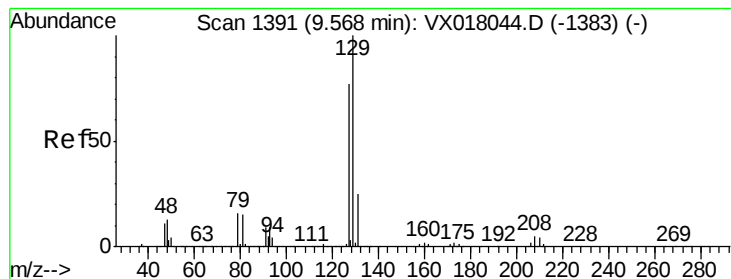
Tgt Ion: 43 Resp: 2009149

Ion Ratio Lower Upper

43 100

58 53.1 26.6 79.7





#60

Dibromochloromethane

Concen: 51.835 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:129 Resp: 394676

Ion Ratio Lower Upper

129 100

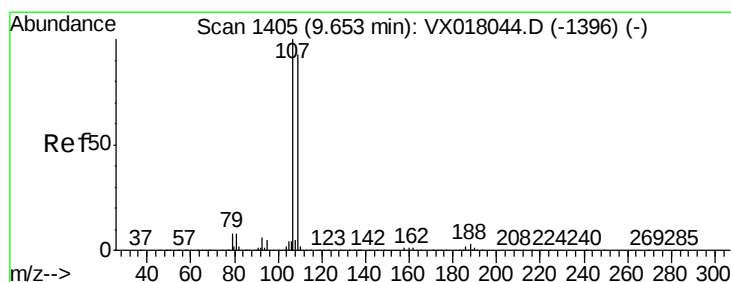
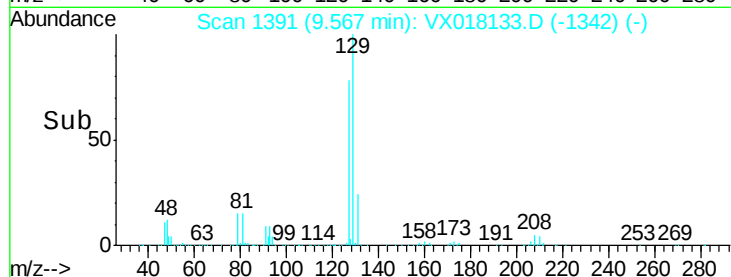
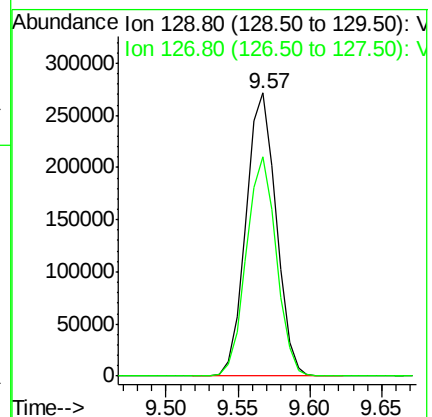
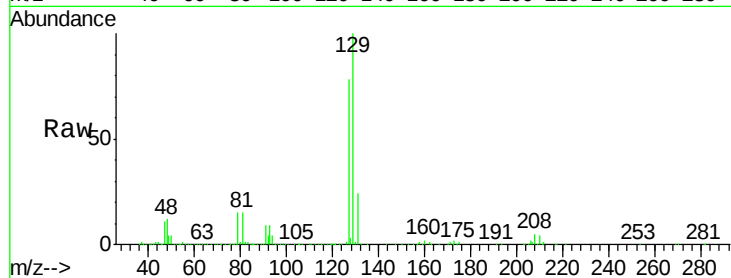
127 77.1 38.9 116.6

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 49.322 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018133.D

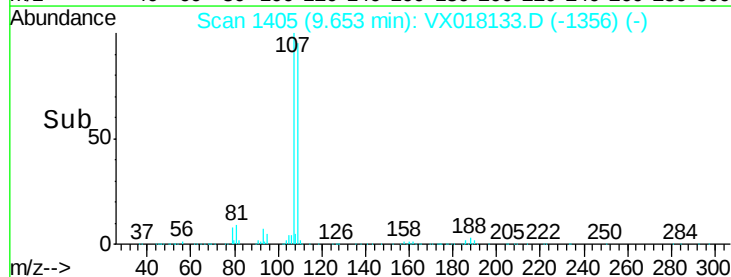
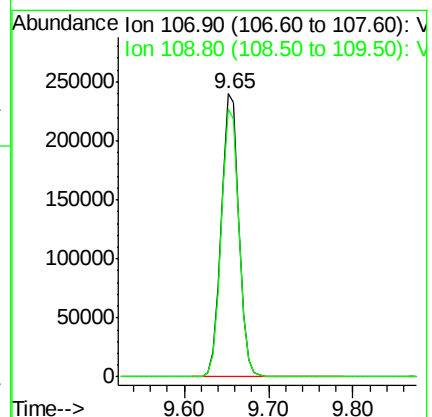
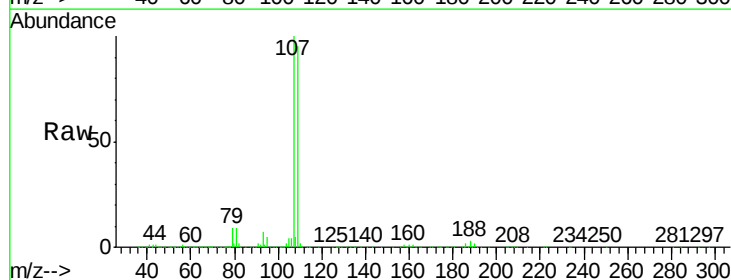
Acq: 28 Aug 2020 20:06

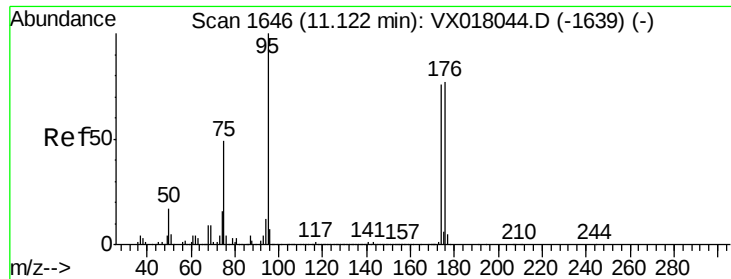
Tgt Ion:107 Resp: 347549

Ion Ratio Lower Upper

107 100

109 95.8 75.9 113.9





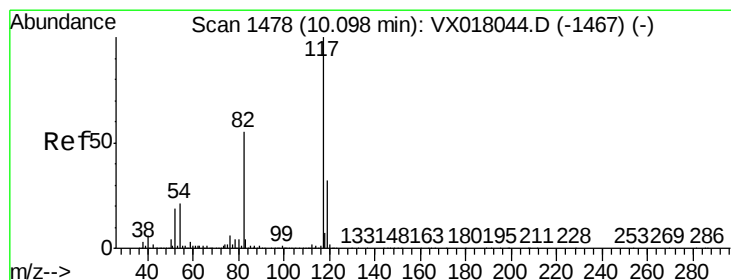
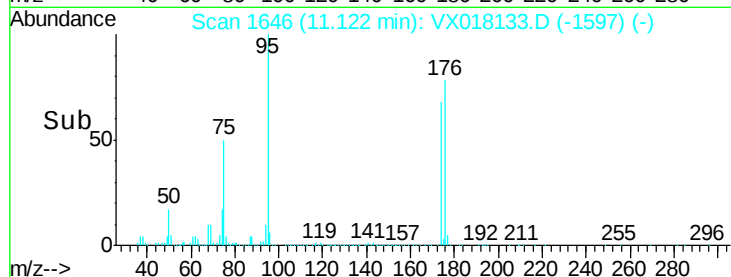
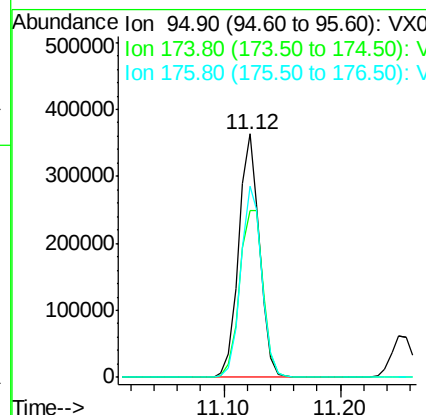
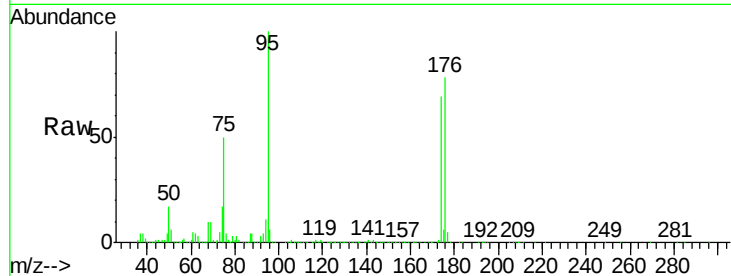
#62
4-Bromofluorobenzene
Concen: 50.979 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	450543		
174	77.5	0.0	160.2	
176	79.3	0.0	155.8	

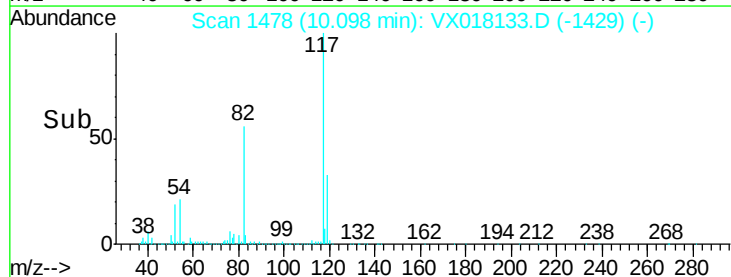
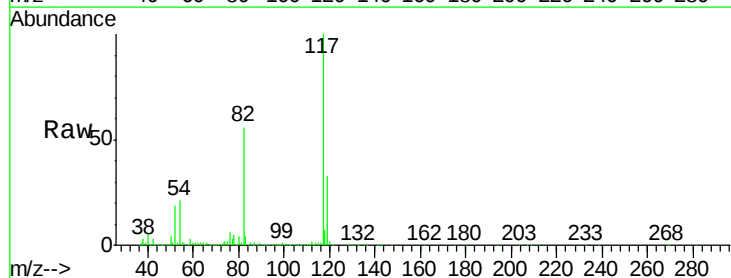
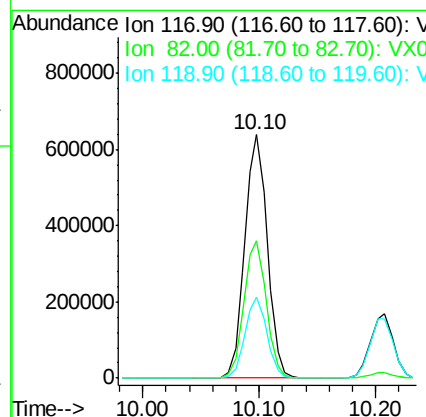
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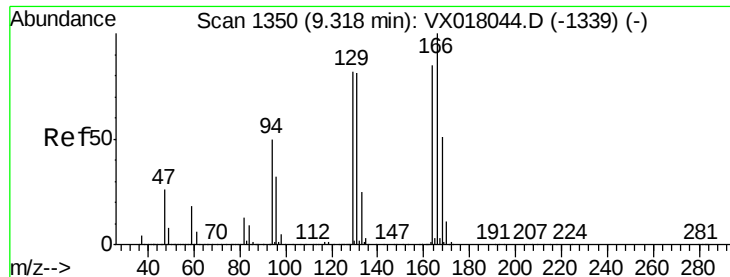
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	866412		
82	56.1	44.2	66.2	
119	33.4	25.7	38.5	





#64

Tetrachloroethene

Concen: 47.337 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

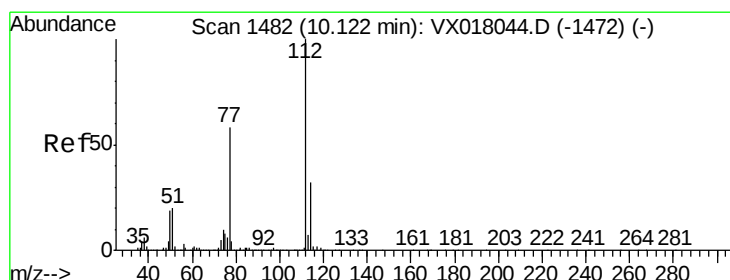
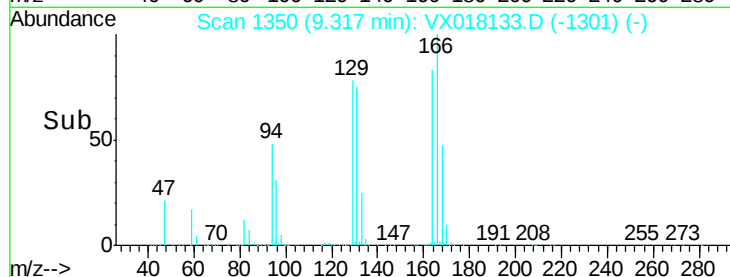
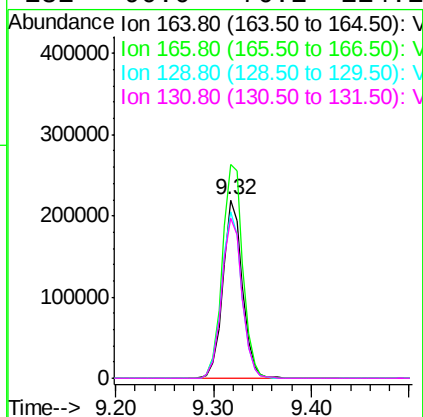
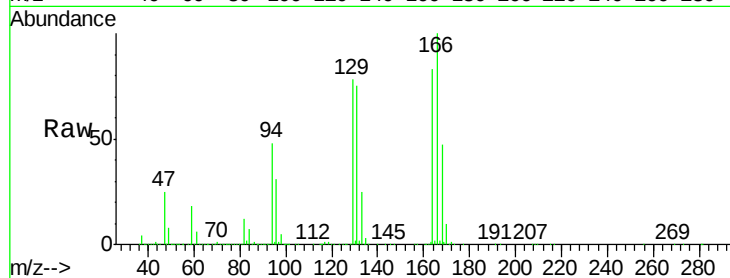
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	119.9	94.2	141.2	
129	93.7	76.9	115.3	
131	90.0	76.1	114.1	

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#65

Chlorobenzene

Concen: 48.447 ug/l

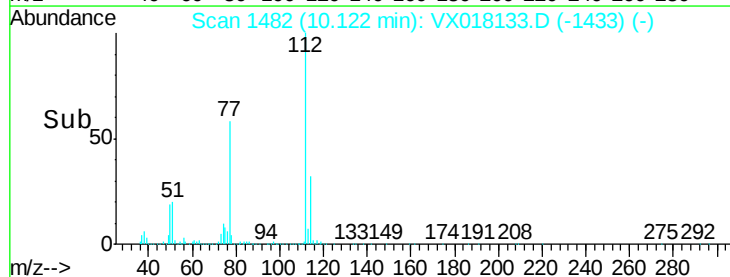
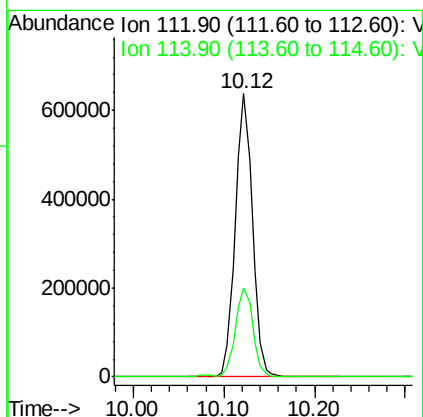
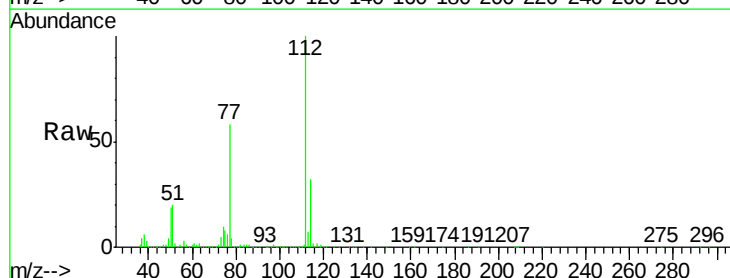
RT: 10.12 min Scan# 1482

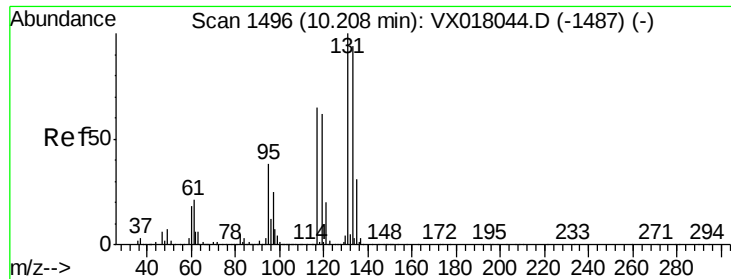
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.5	25.7	38.5	





#66

1,1,1,2-Tetrachloroethane

Concen: 49.660 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

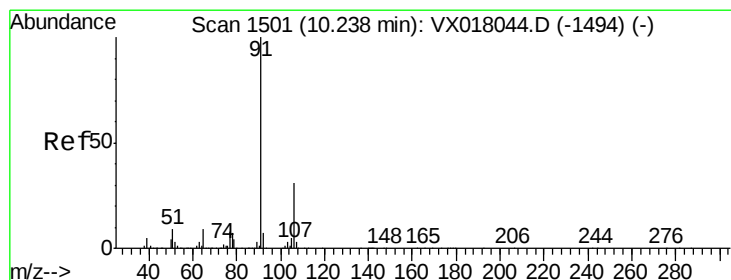
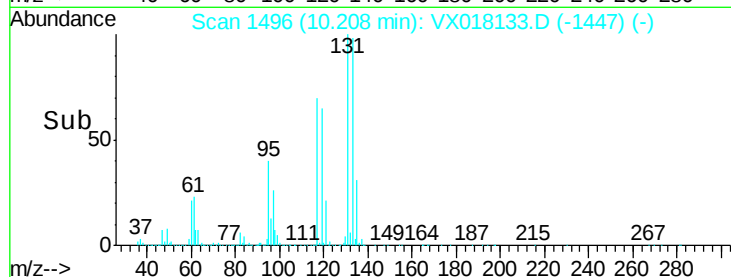
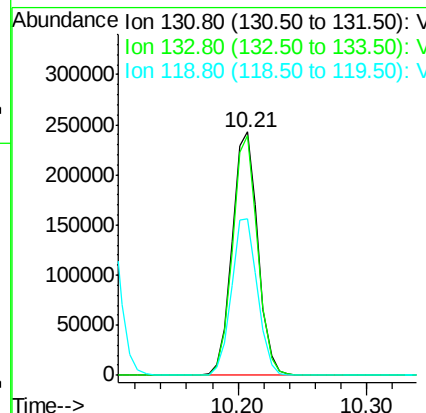
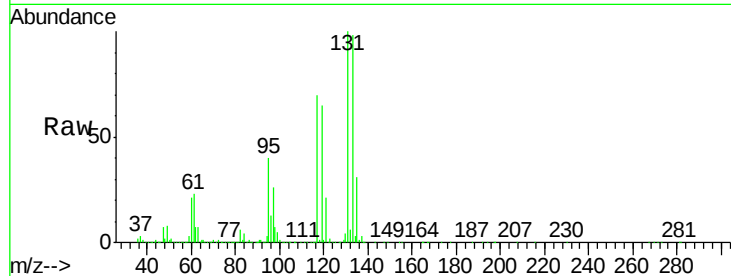
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.4	46.7	140.1
119	65.3	31.8	95.4

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#67

Ethyl Benzene

Concen: 49.703 ug/l

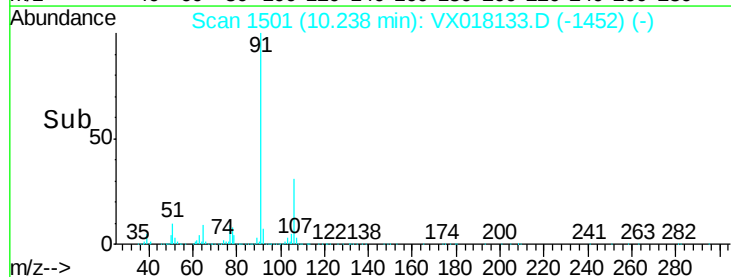
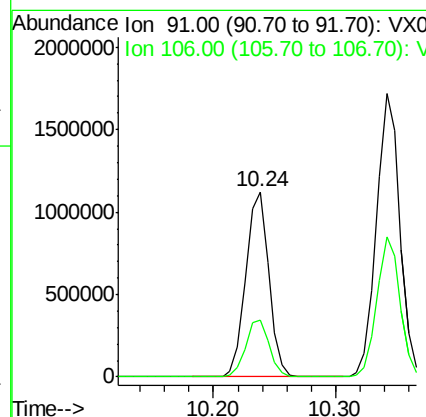
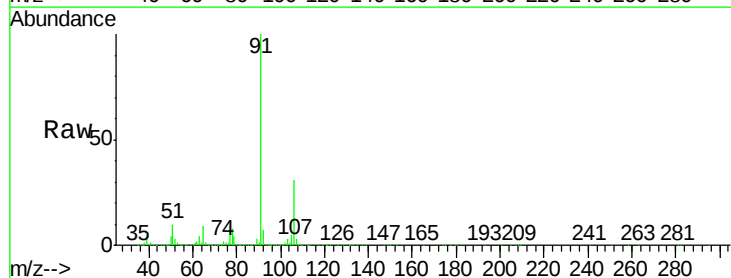
RT: 10.24 min Scan# 1501

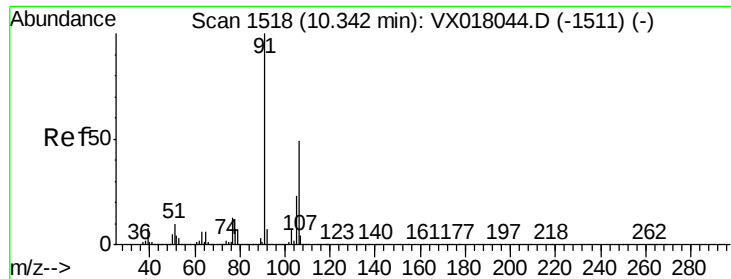
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.9	37.3





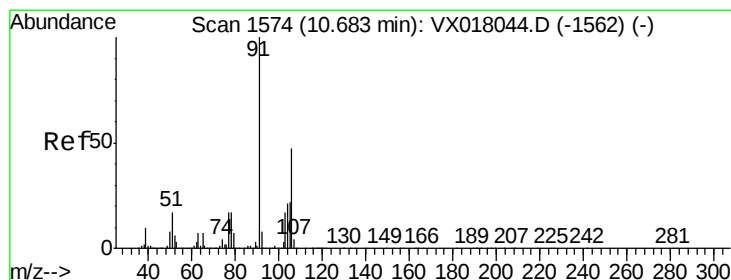
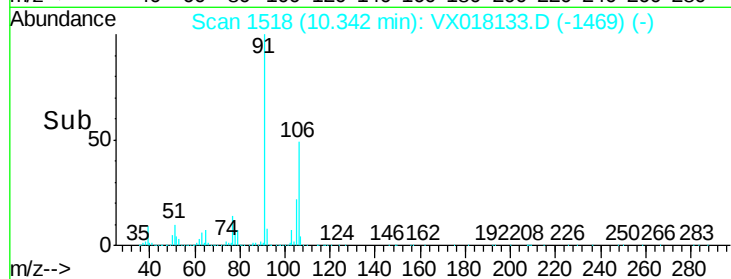
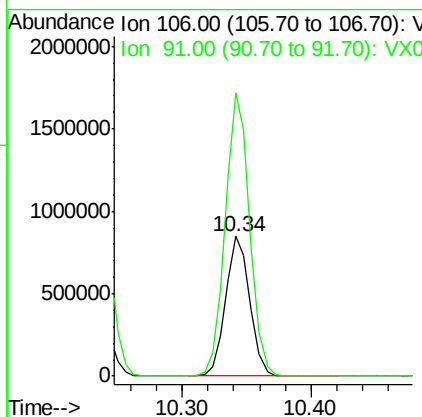
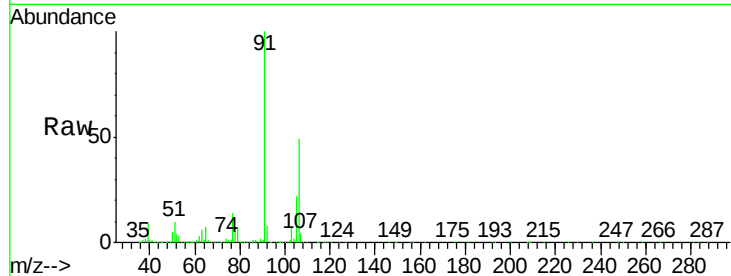
#68
m/p-Xylenes
Concen: 101.805 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:106 Resp: 1118188
Ion Ratio Lower Upper
106 100
91 203.9 162.2 243.2

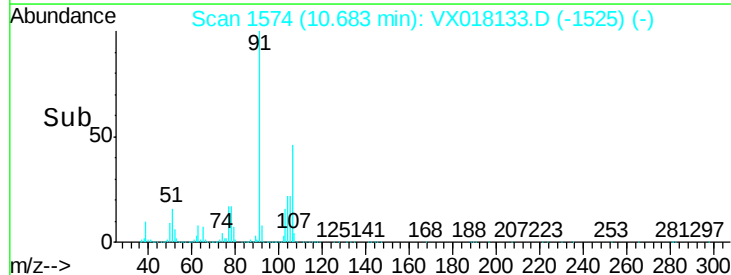
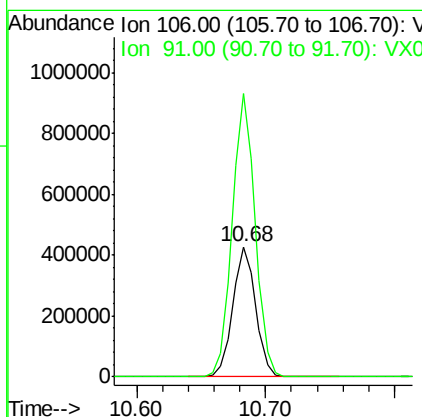
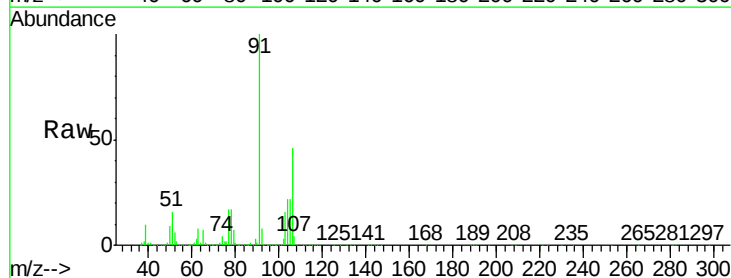
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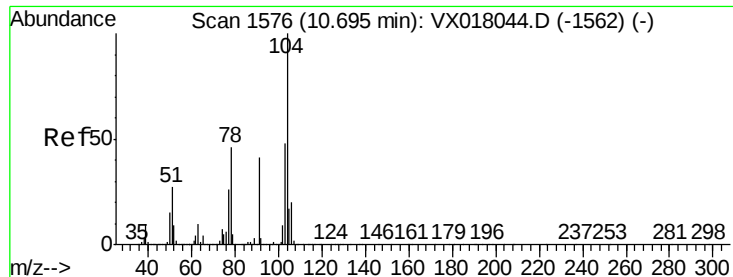
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#69
o-Xylene
Concen: 49.734 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion:106 Resp: 529544
Ion Ratio Lower Upper
106 100
91 219.0 107.1 321.3





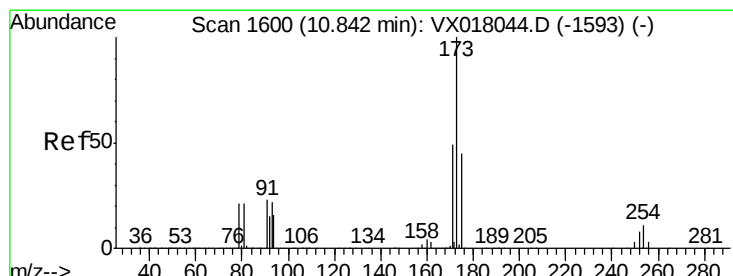
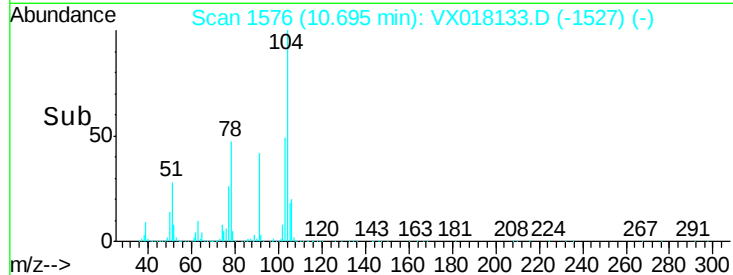
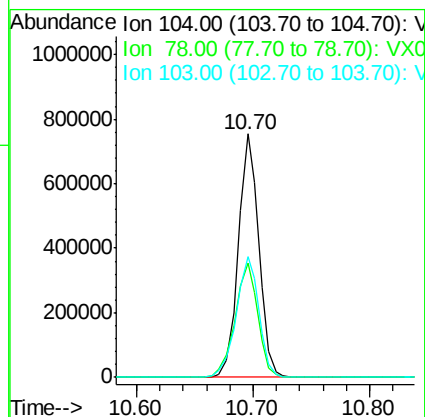
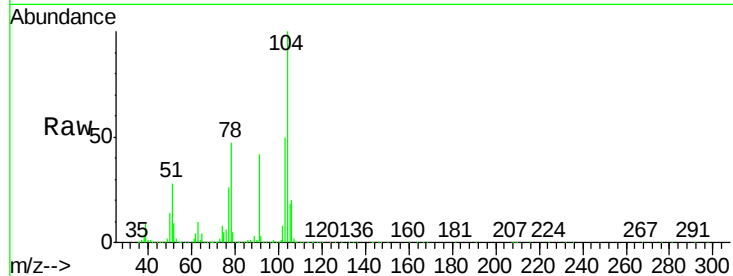
#70
Stvrene
Concen: 51.096 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		926494		
78	52.2		40.9	61.3	
103	54.8		43.6	65.4	

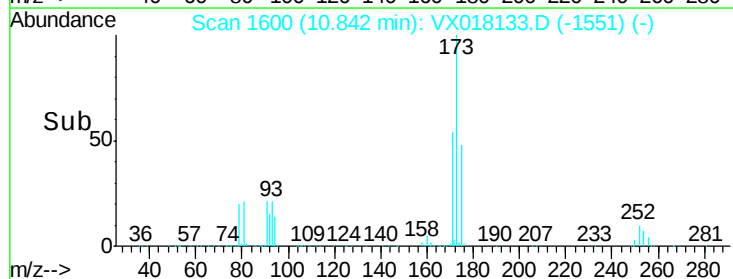
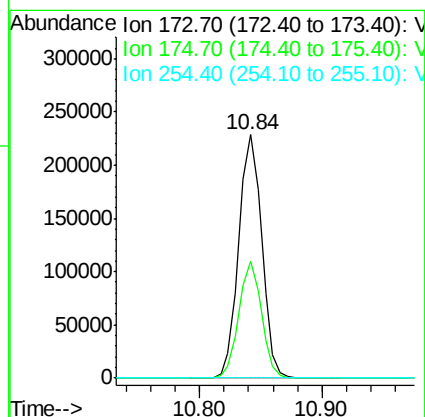
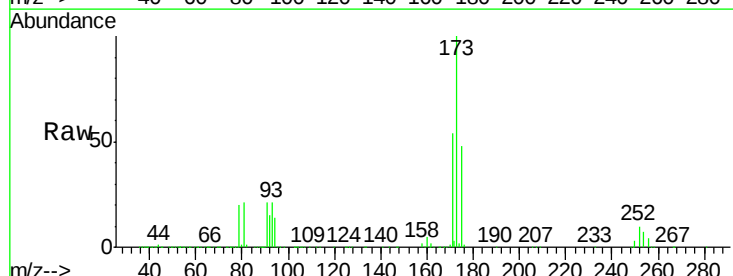
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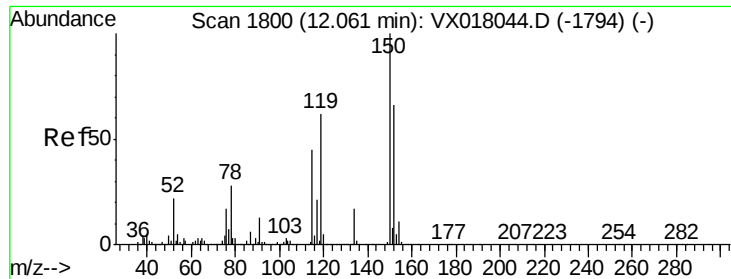
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#71
Bromoform
Concen: 51.006 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	100		296718		
175	47.2		23.9	71.8	
254	0.1		0.2	0.2#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

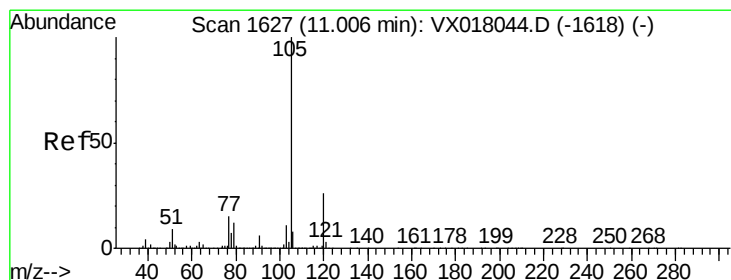
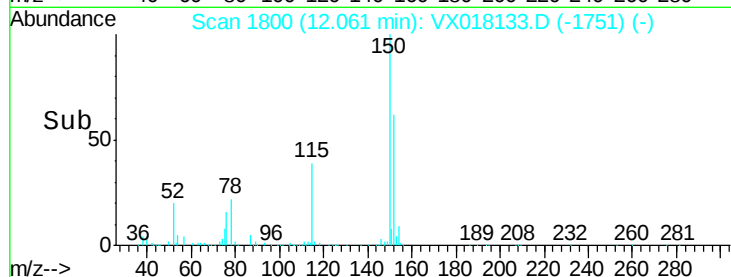
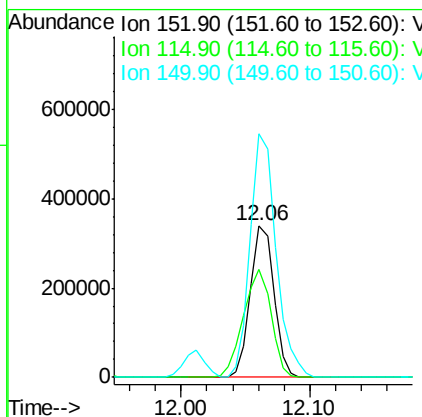
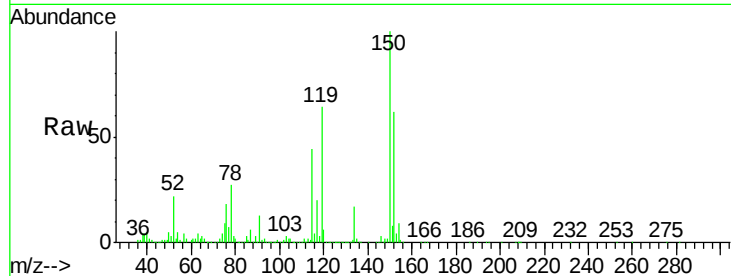
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:	152	Resp:	428724
Ion Ratio	Lower	Upper	
152	100		
115	83.5	41.5	124.5
150	176.5	0.0	343.8

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#73

Isopropylbenzene

Concen: 51.181 ug/l

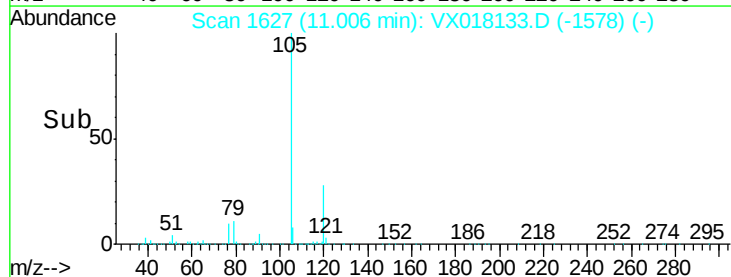
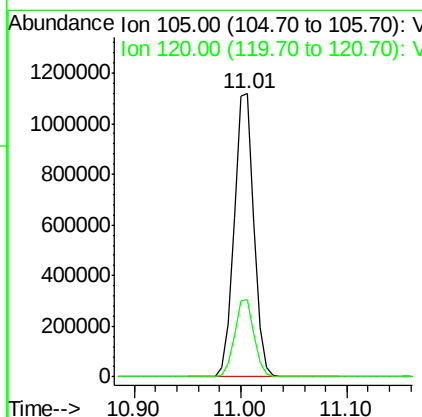
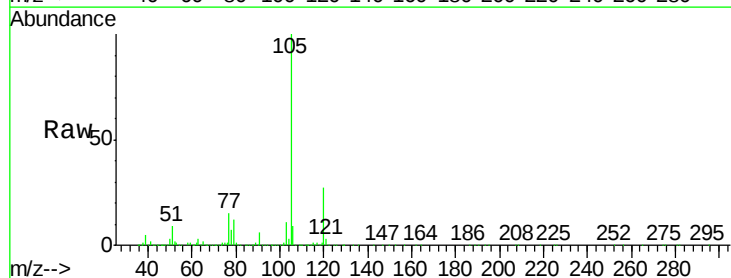
RT: 11.01 min Scan# 1627

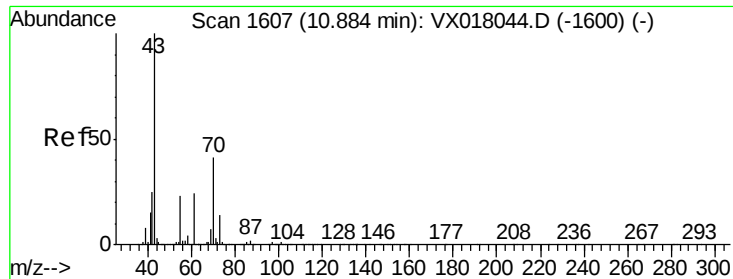
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion:	105	Resp:	1447345
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.2	39.5





#74

N-amvl acetate

Concen: 51.876 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

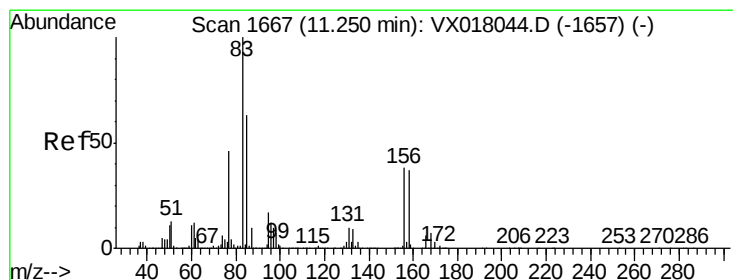
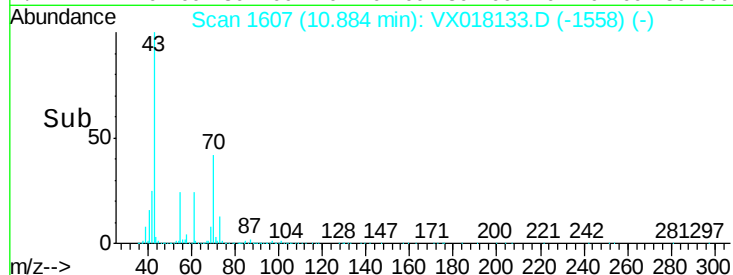
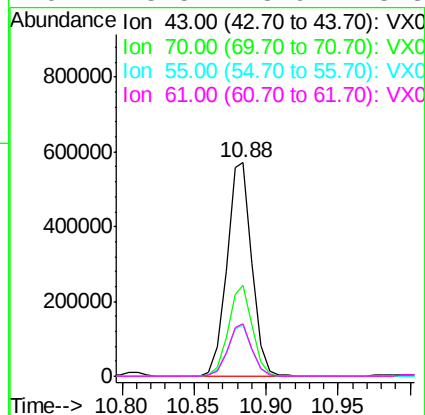
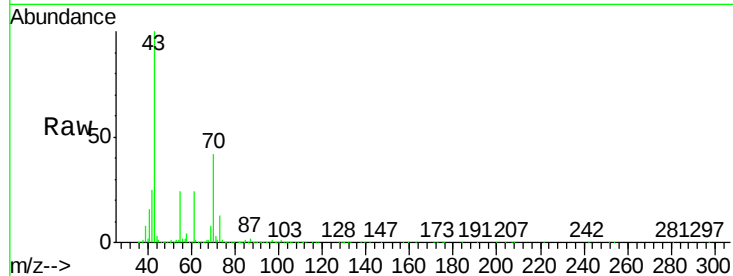
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		696041		
70	41.1	32.3	48.5		
55	23.1	18.2	27.2		
61	23.5	18.9	28.3		

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#75

1,1,2,2-Tetrachloroethane

Concen: 47.655 ug/l

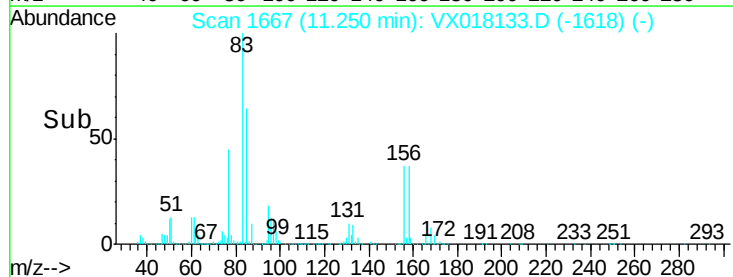
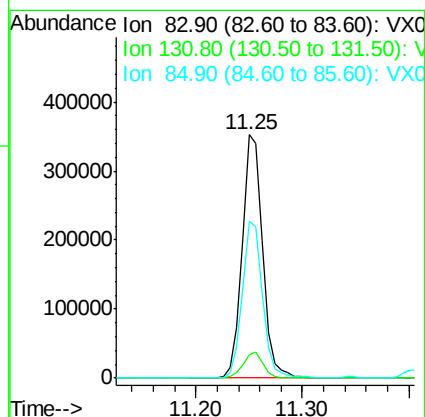
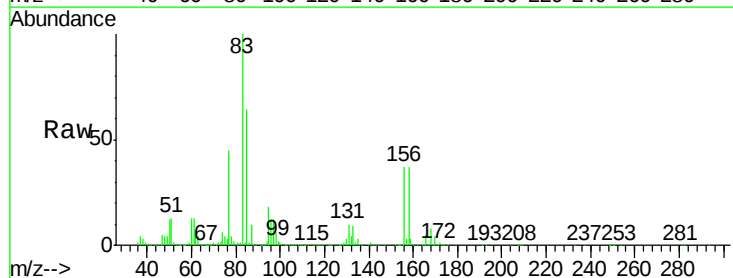
RT: 11.25 min Scan# 1667

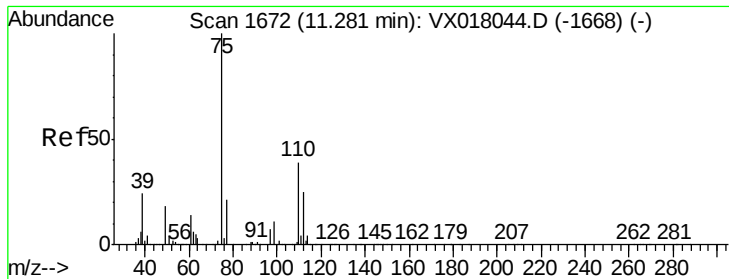
Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		475399		
131	10.5	5.1	15.4		
85	64.2	32.2	96.6		





#76

1,2,3-Trichloropropane

Concen: 47.705 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 75 Resp: 454971

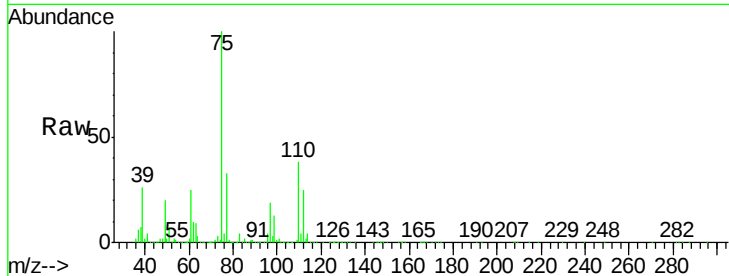
Ion Ratio Lower Upper

75 100

77 41.3 20.8 62.2

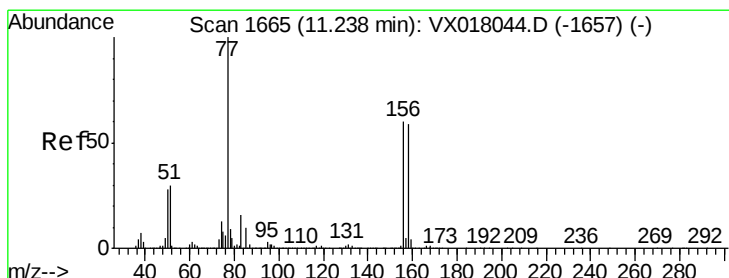
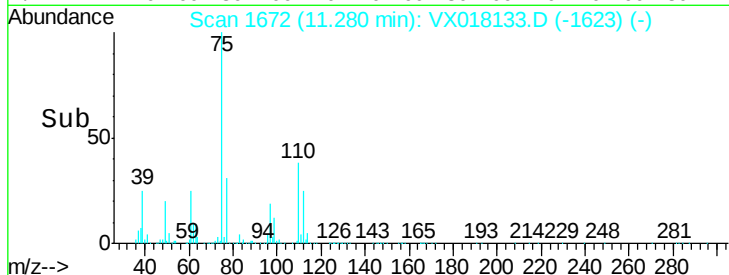
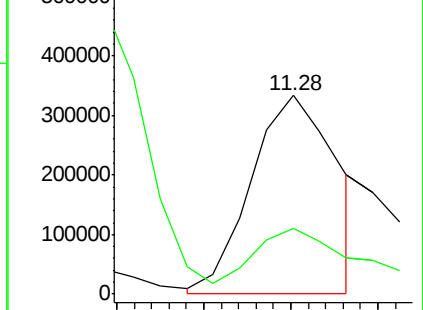
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.139 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

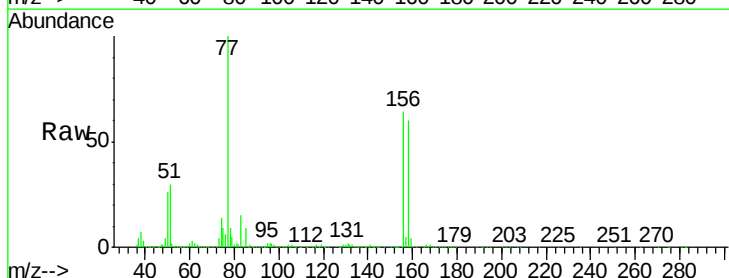
Tgt Ion: 156 Resp: 376298

Ion Ratio Lower Upper

156 100

77 158.7 80.0 240.2

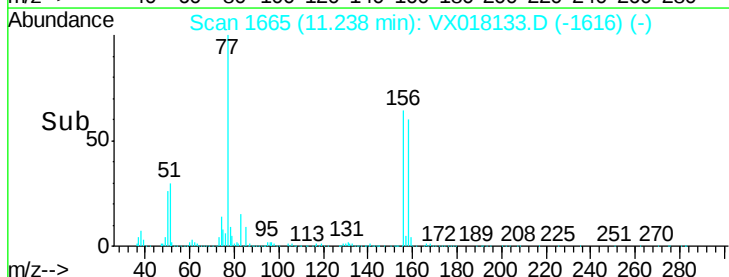
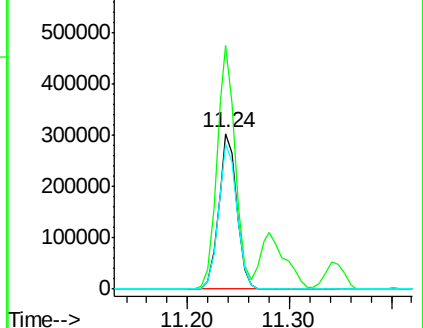
158 96.0 49.5 148.7

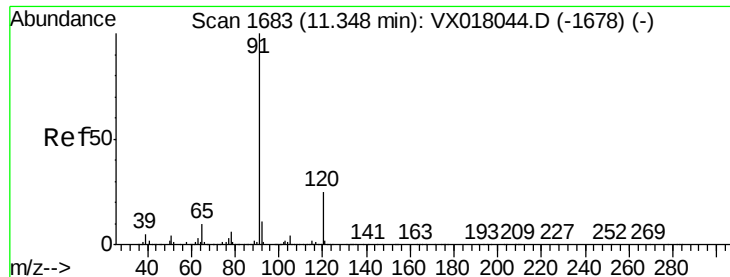


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 51.700 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 91 Resp: 1660055

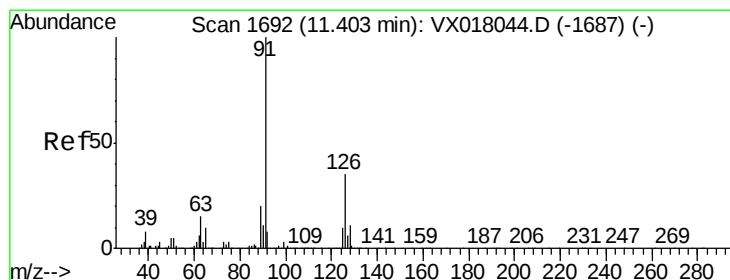
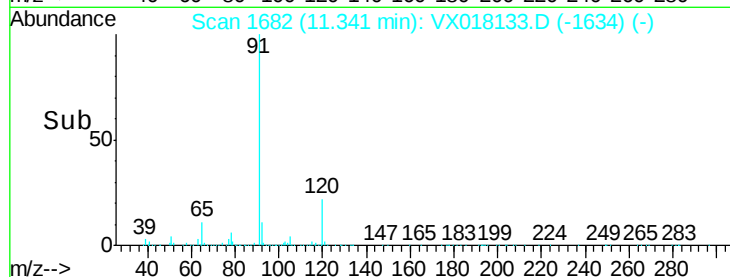
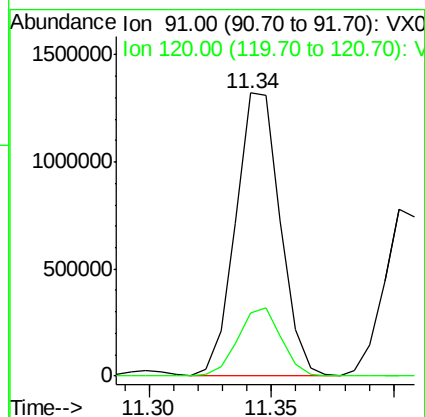
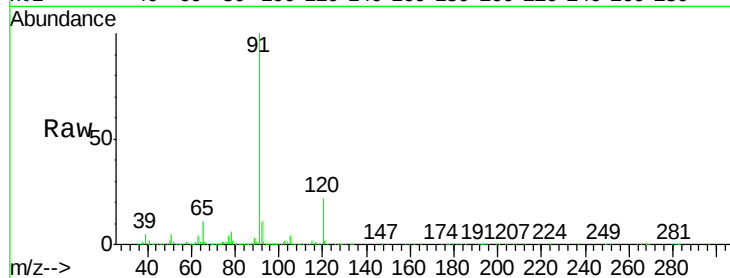
Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 49.816 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018133.D

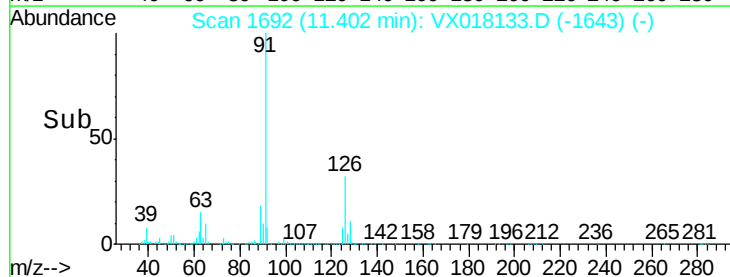
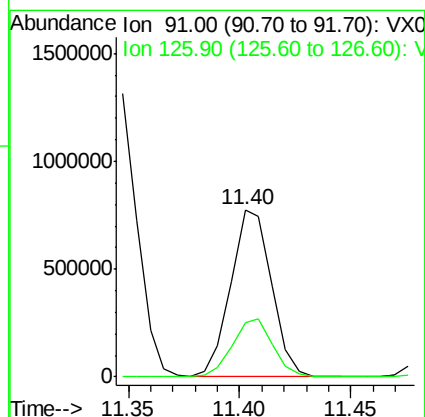
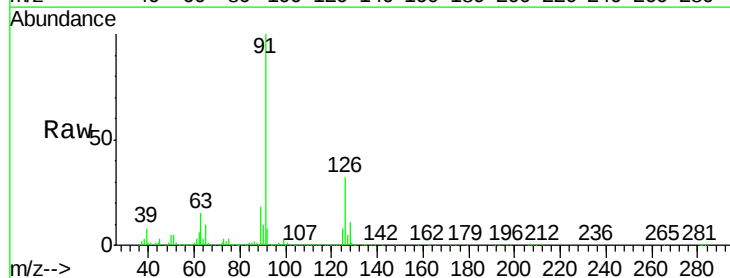
Acq: 28 Aug 2020 20:06

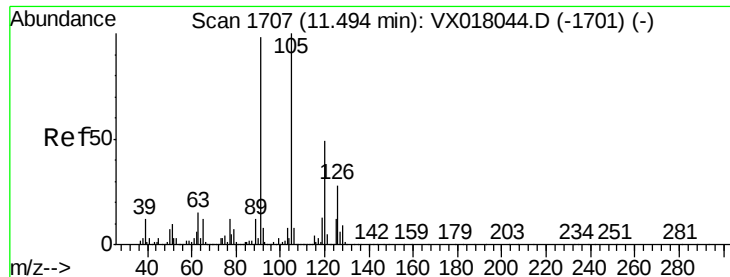
Tgt Ion: 91 Resp: 988251

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2





#80

1,3,5-Trimethylbenzene

Concen: 52.829 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:105 Resp: 1227668

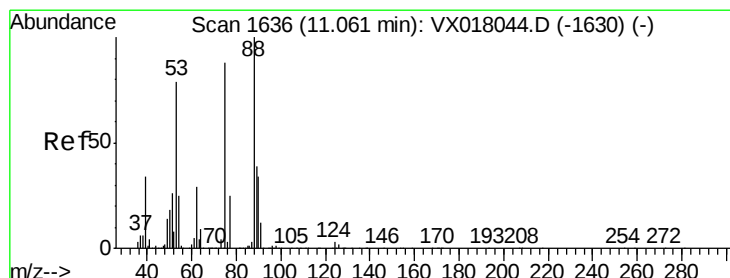
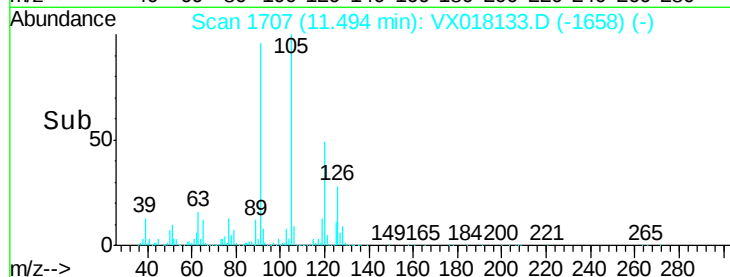
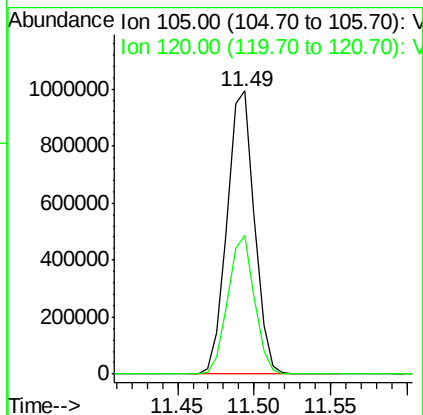
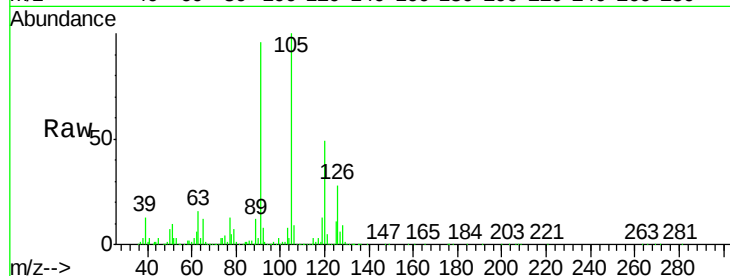
Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.2

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 45.108 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

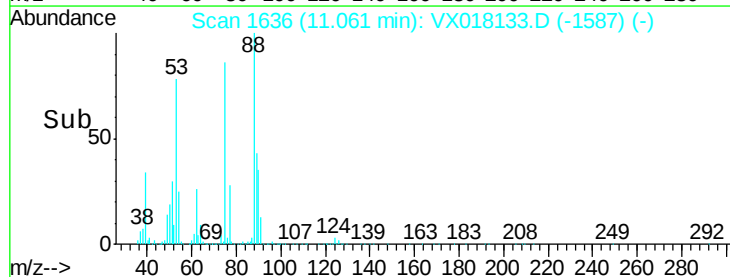
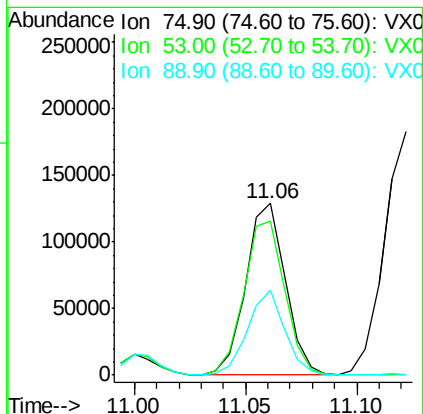
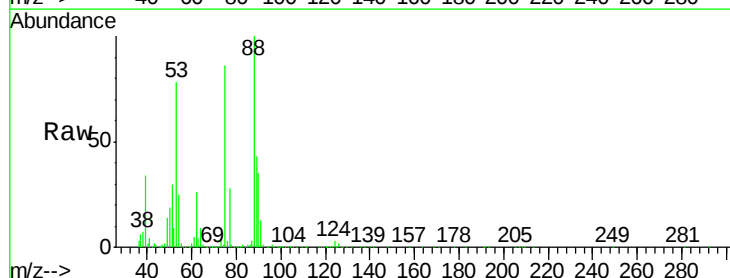
Tgt Ion: 75 Resp: 159284

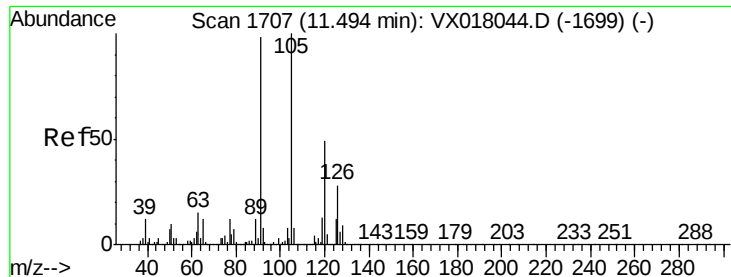
Ion Ratio Lower Upper

75 100

53 93.4 74.7 112.1

89 46.1 36.6 54.8





#82

4-Chlorotoluene

Concen: 49.627 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 91 Resp: 1170387

Ion Ratio Lower Upper

91 100

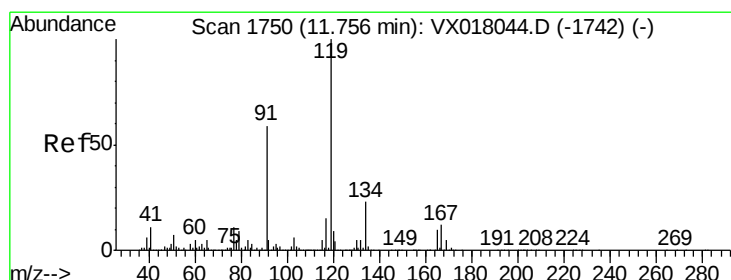
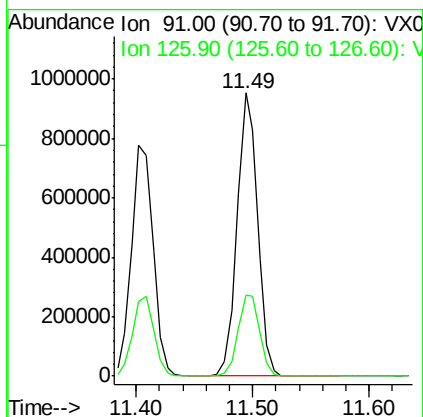
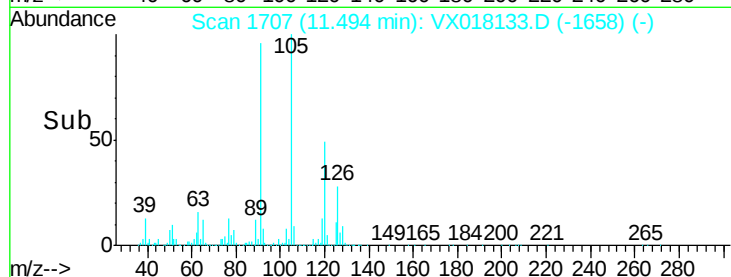
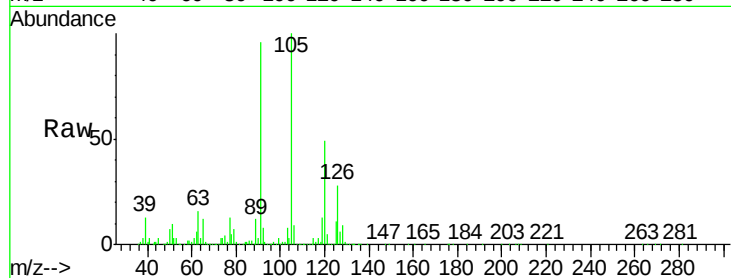
126 30.1 15.1 45.3

Manual Integrations

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#83

tert-Butylbenzene

Concen: 52.649 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

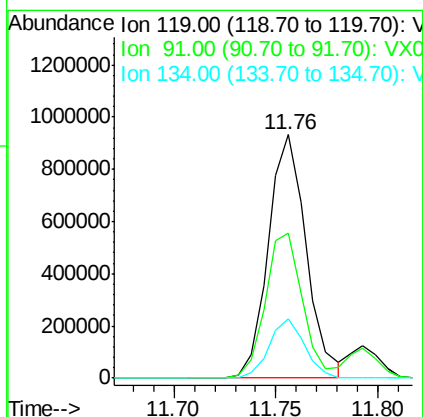
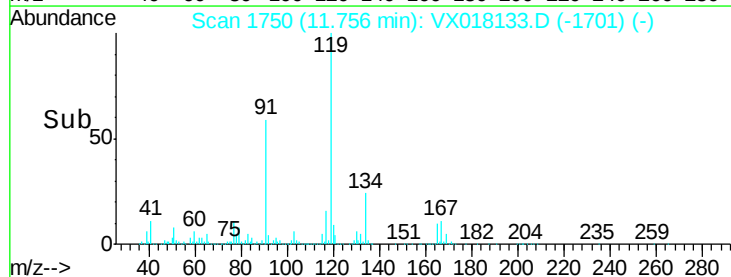
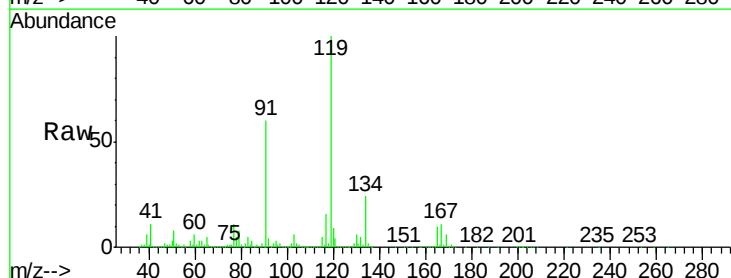
Tgt Ion: 119 Resp: 1207405

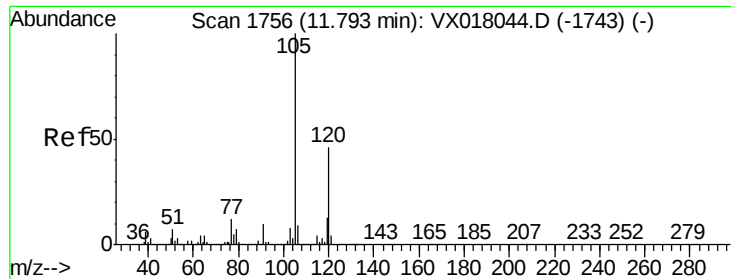
Ion Ratio Lower Upper

119 100

91 57.8 28.2 84.7

134 22.8 11.3 33.8





#84

1,2,4-Trimethylbenzene

Concen: 52.538 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018133.D

Acq: 28 Aug 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:105 Resp: 1248241

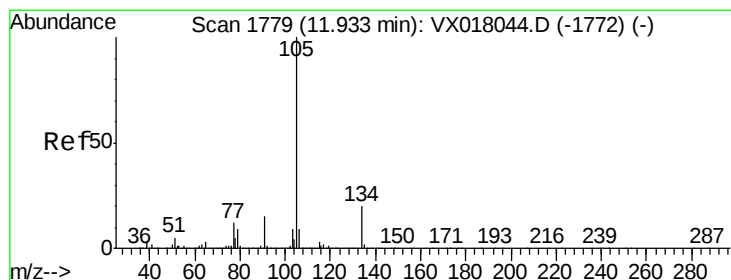
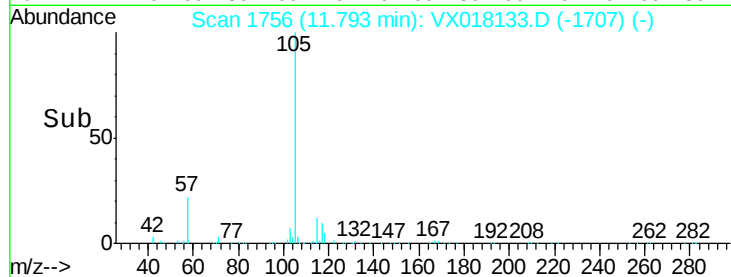
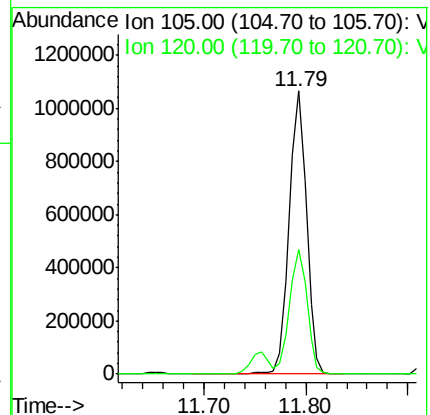
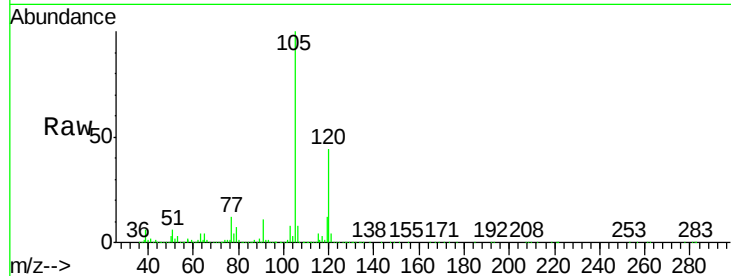
Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9

Manual Integrations
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#85

sec-Butylbenzene

Concen: 53.240 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018133.D

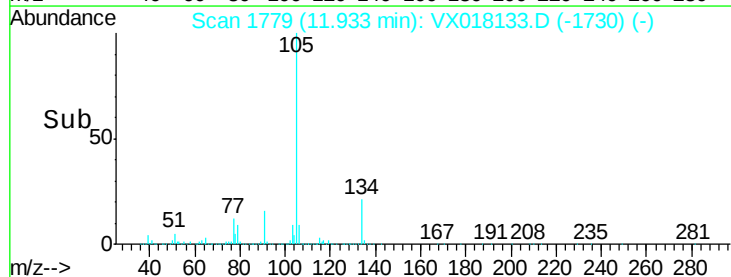
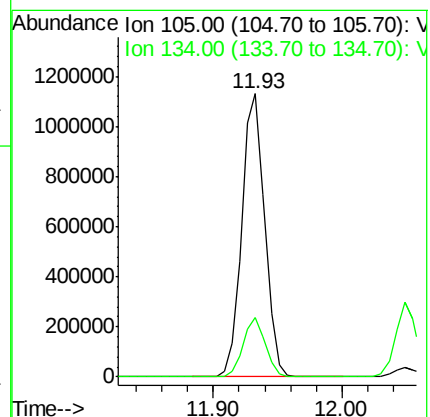
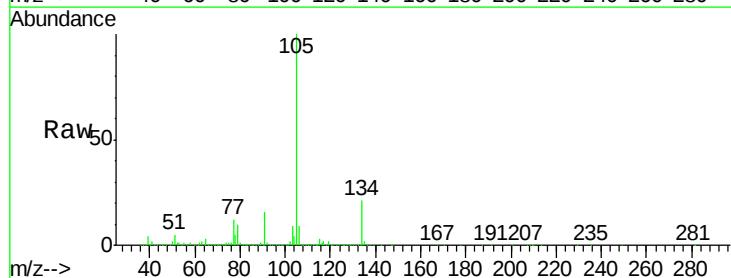
Acq: 28 Aug 2020 20:06

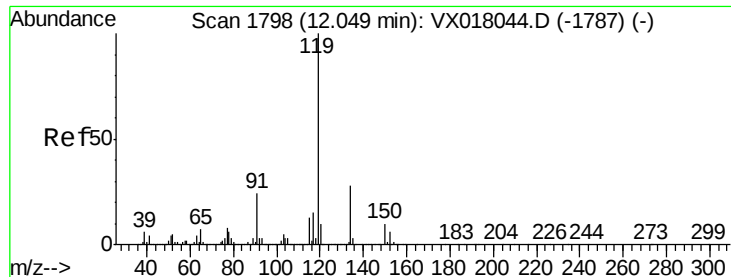
Tgt Ion:105 Resp: 1388477

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3





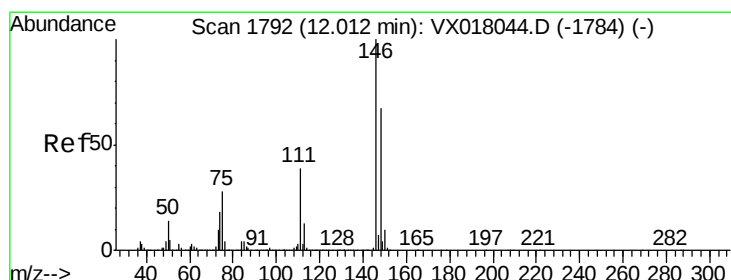
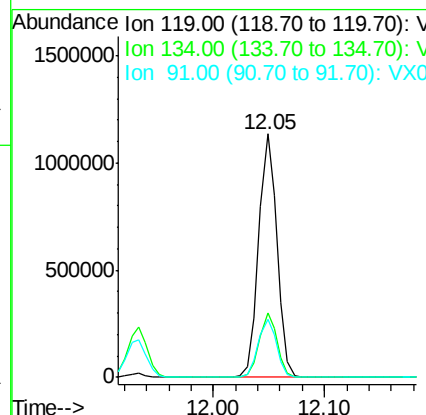
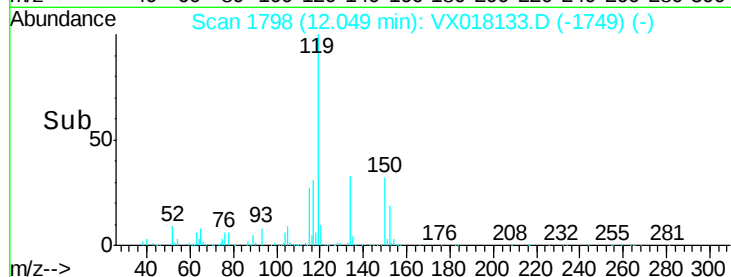
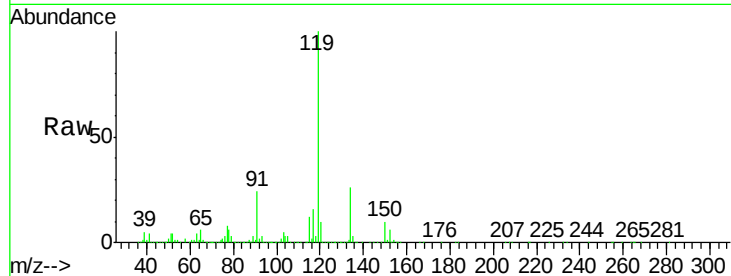
#86
p-Isopropyltoluene
Concen: 54.328 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.2	39.5
91	24.0	11.8	35.4

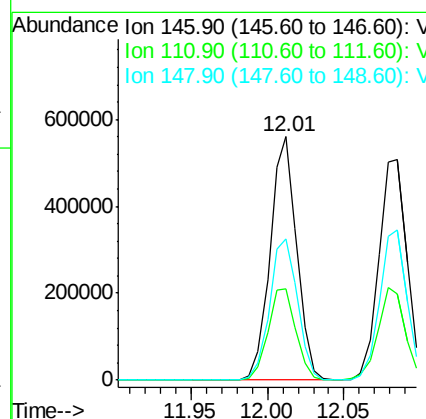
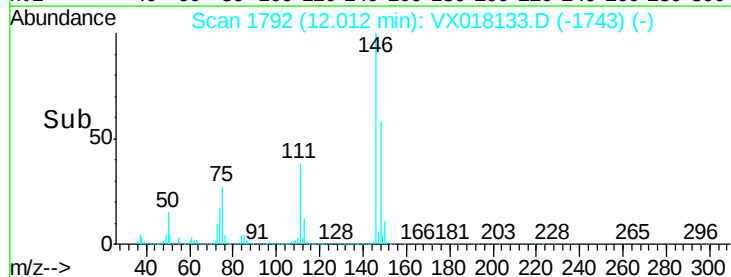
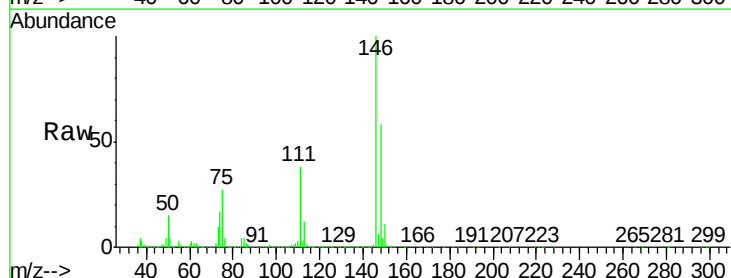
Manual Integrations
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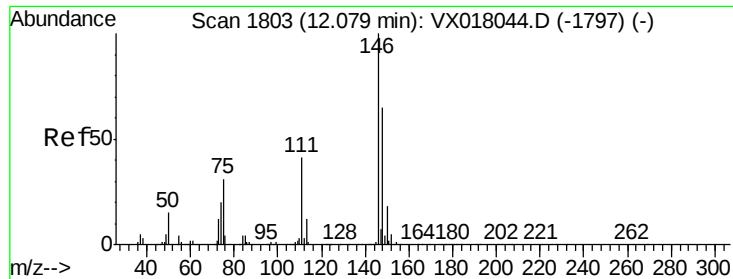
MMDadoda
8/31/2020 8:57:52 AM



#87
1,3-Dichlorobenzene
Concen: 49.468 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.6	61.8
148	61.0	33.1	99.2





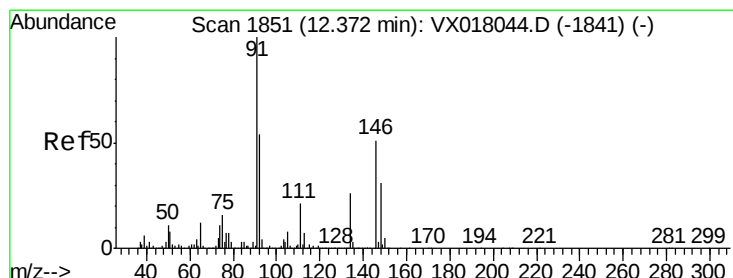
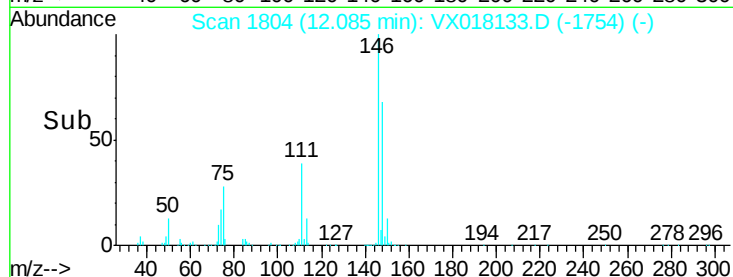
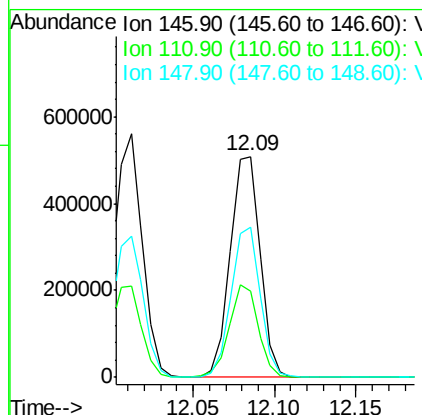
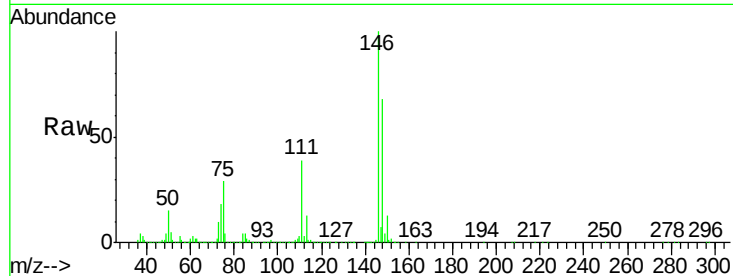
#88
 1,4-Dichlorobenzene
 Concen: 47.197 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	648570		
111	40.5	20.3	60.8	
148	65.9	33.1	99.2	

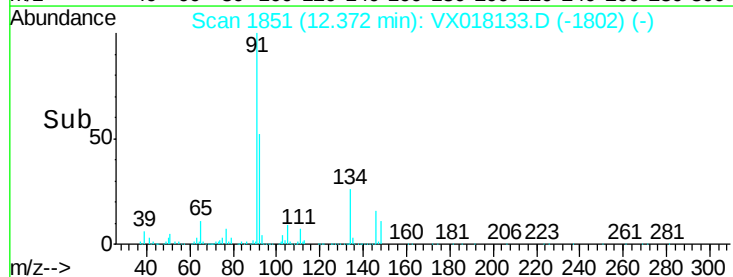
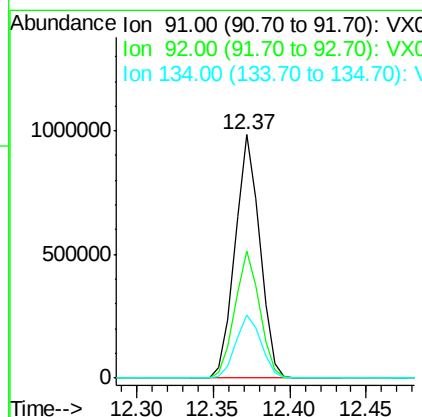
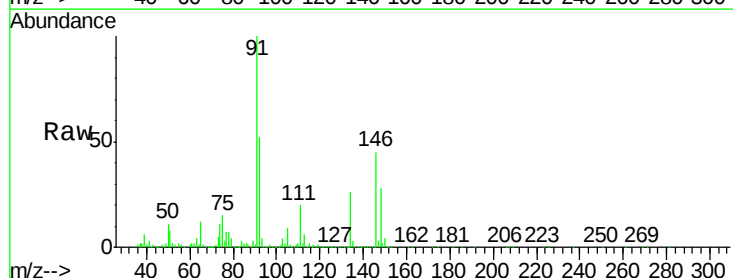
Manual Integrations
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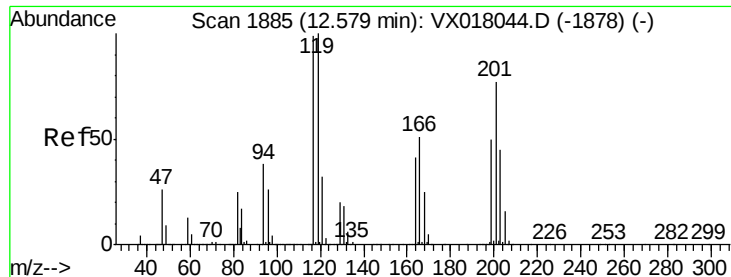
MMDadoda
 8/31/2020 8:57:52 AM



#89
 n-Butylbenzene
 Concen: 50.349 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1100887		
92	52.3	26.4	79.2	
134	26.5	12.9	38.7	





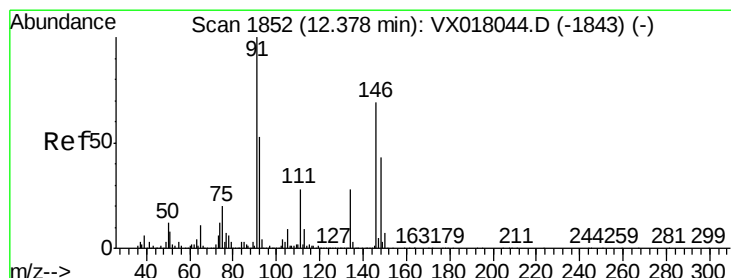
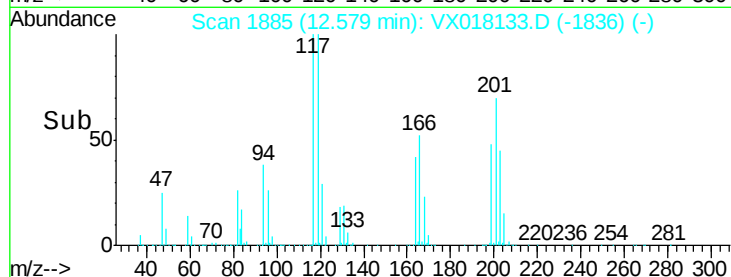
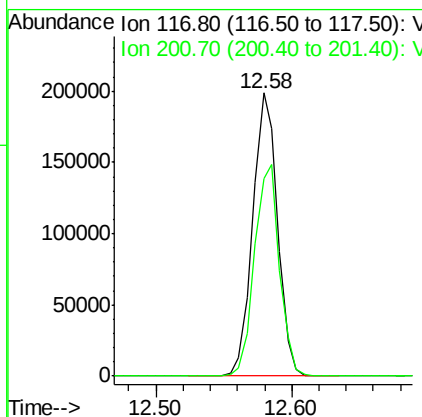
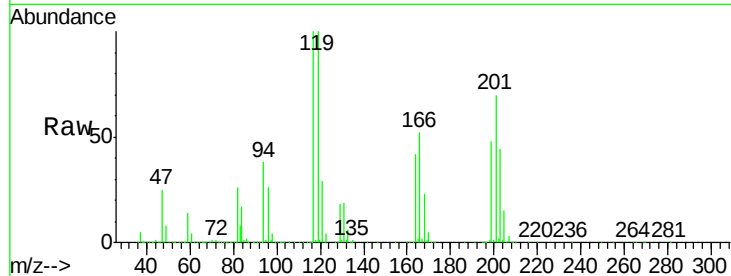
#90
Hexachloroethane
Concen: 54.151 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:117 Resp: 255226
Ion Ratio Lower Upper
117 100
201 75.4 38.5 115.3

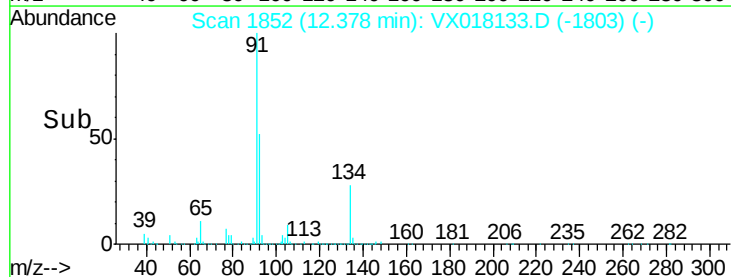
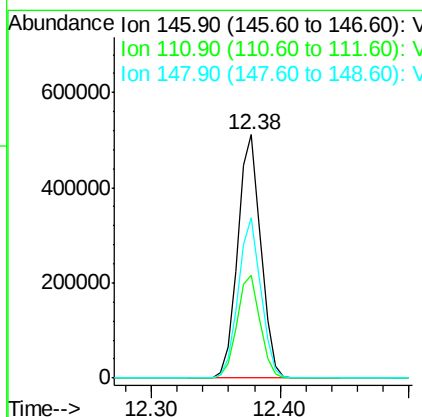
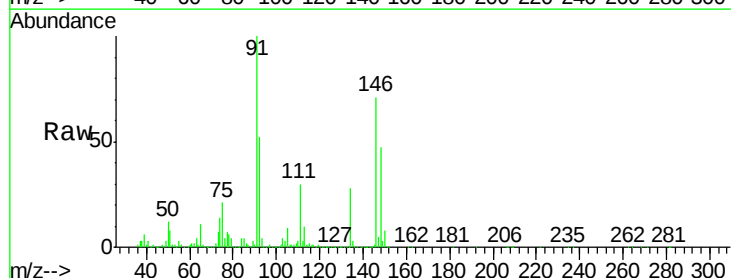
Manual Integrations
APPROVED

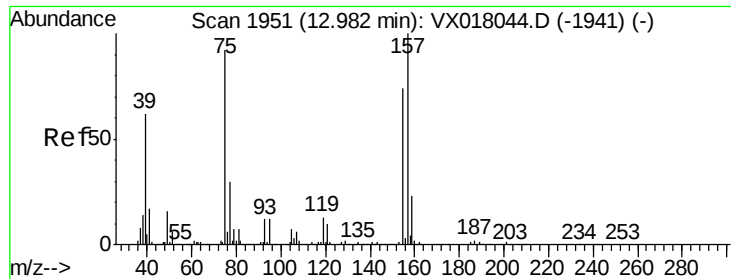
MMDadoda
8/31/2020 8:57:52 AM



#91
1,2-Dichlorobenzene
Concen: 49.370 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion:146 Resp: 637810
Ion Ratio Lower Upper
146 100
111 42.3 20.8 62.5
148 64.5 31.6 95.0





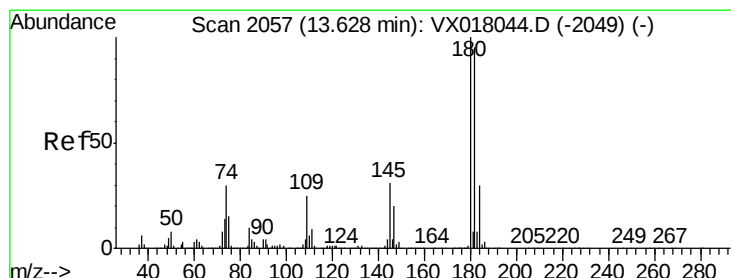
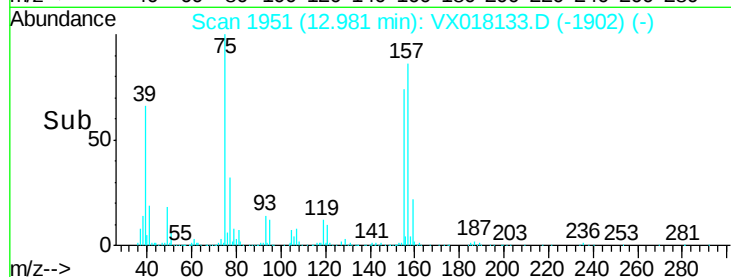
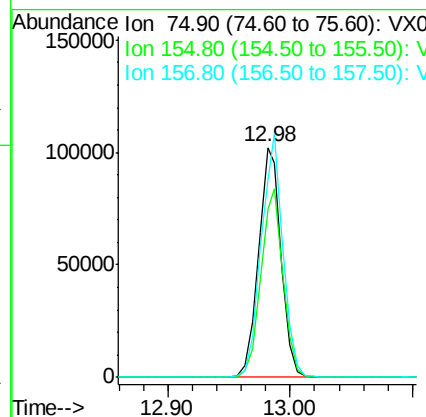
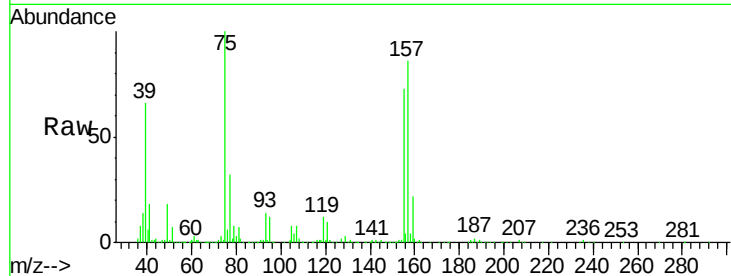
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.529 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	81.1	40.2	120.6
157	102.6	55.0	165.2

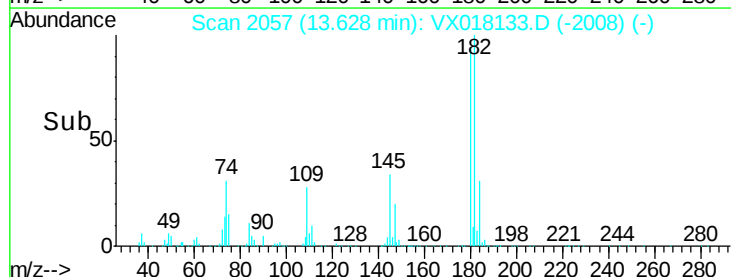
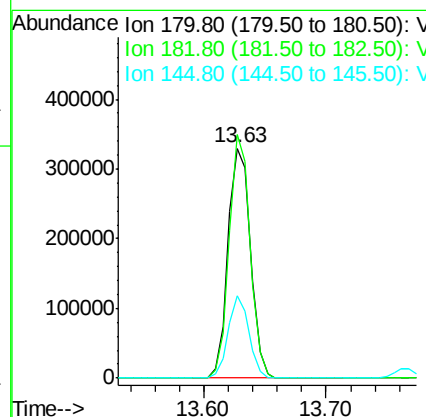
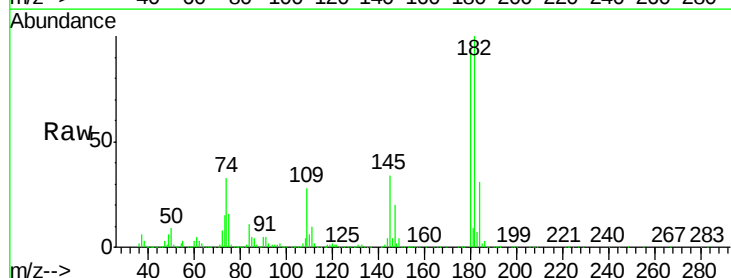
Manual Integrations
 APPROVED

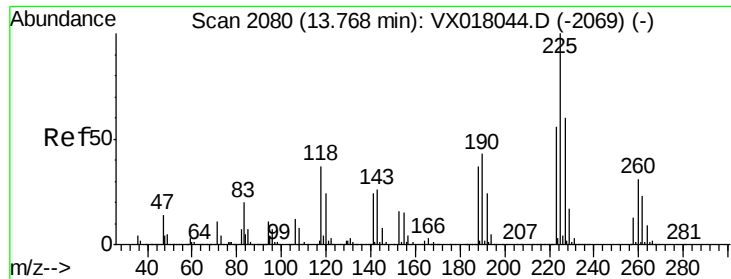
MMDadoda
 8/31/2020 8:57:52 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.742 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.5	142.6
145	33.1	15.7	47.1





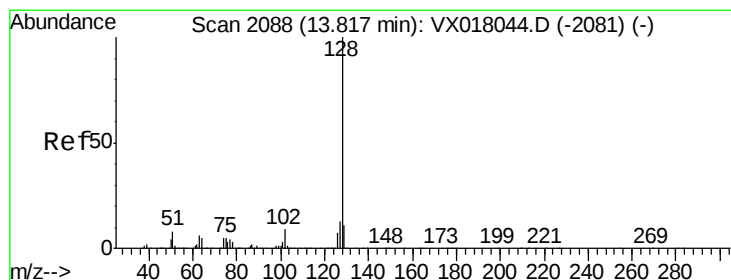
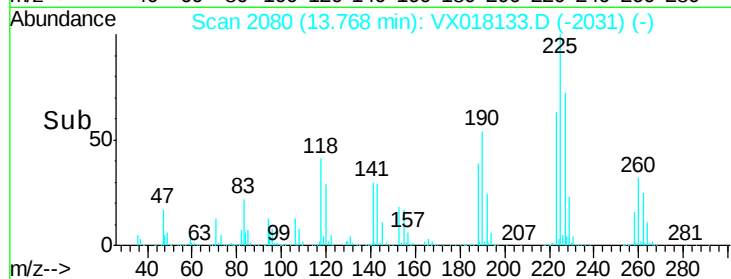
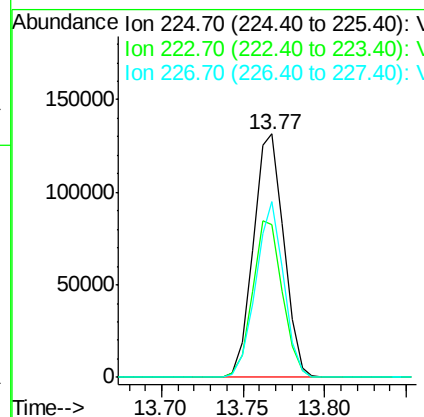
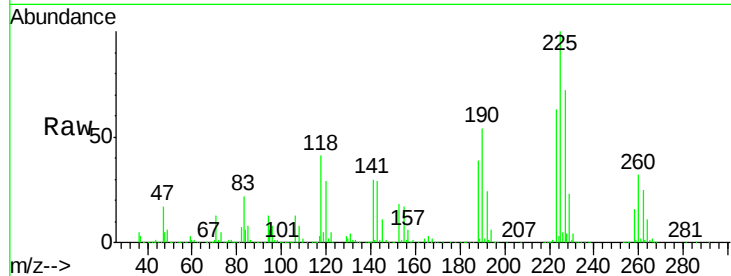
#94
Hexachlorobutadiene
Concen: 50.469 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.7	92.1
227	66.0	32.6	97.8

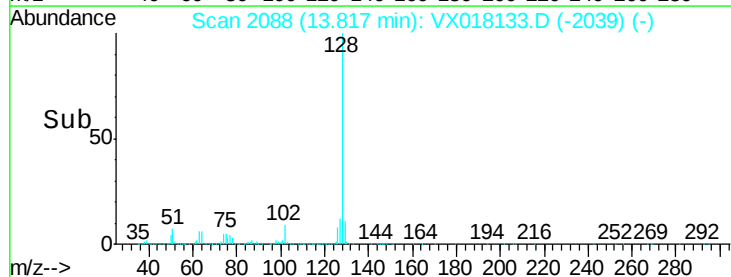
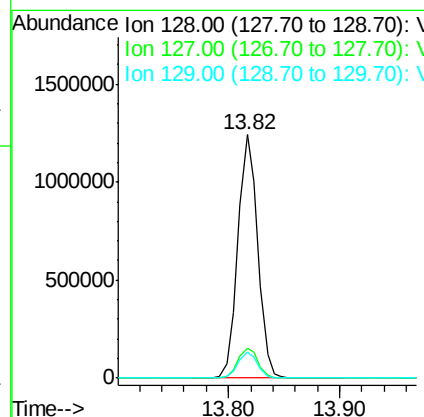
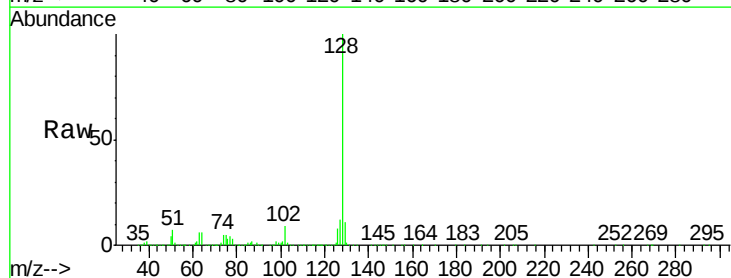
Manual Integrations
APPROVED

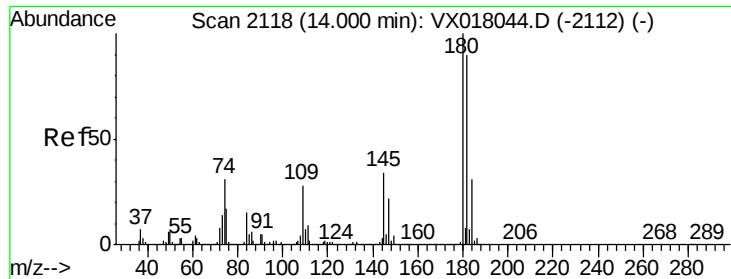
MMDadoda
8/31/2020 8:57:52 AM



#95
Naphthalene
Concen: 53.767 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018133.D
Acq: 28 Aug 2020 20:06

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 49.829 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018133.D
 Acq: 28 Aug 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	424153		
182	99.6	47.3	142.0	
145	34.0	17.5	52.6	

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:57:52 AM

