

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018135.D
 Acq On : 28 Aug 2020 20:52
 Operator : JC/SP
 Sample : L3823-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:58:05 AM

Quant Time: Aug 29 04:31:43 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	557362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	897508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	870306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	428038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	391823	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.47	113	312553	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	8.70	98	1145275	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	445794	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	339154	49.979	ug/l	98
3) Chloromethane	1.31	50	337026	47.108	ug/l	99
4) Vinyl Chloride	1.39	62	329182	46.222	ug/l	100
5) Bromomethane	1.62	94	207459	60.394	ug/l	100
6) Chloroethane	1.71	64	186559	48.772	ug/l	99
7) Trichlorofluoromethane	1.92	101	492197	50.684	ug/l	98
8) Diethyl Ether	2.17	74	161485	49.034	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	245174	46.699	ug/l	99
10) Methyl Iodide	2.49	142	320746	56.351	ug/l	99
11) Tert butyl alcohol	3.02	59	401353	266.773	ug/l	99
12) 1,1-Dichloroethene	2.36	96	238715	43.827	ug/l	96
13) Acrolein	2.28	56	65779	105.446	ug/l	97
14) Allyl chloride	2.71	41	474727	48.511	ug/l	99
15) Acrylonitrile	3.12	53	892898	261.638	ug/l	100
16) Acetone	2.42	43	840152	278.653	ug/l	98
17) Carbon Disulfide	2.55	76	747211	45.380	ug/l	100
18) Methyl Acetate	2.75	43	415326	57.084	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	969925	51.924	ug/l	100
20) Methylene Chloride	2.84	84	333477	54.191	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	290252	48.098	ug/l	99
22) Diisopropyl ether	3.83	45	956954	49.546	ug/l	99
23) Vinyl Acetate	3.79	43	4469107	260.042	ug/l	99
24) 1,1-Dichloroethane	3.67	63	546646	49.719	ug/l	98
25) 2-Butanone	4.64	43	1334968	269.412	ug/l	100
26) 2,2-Dichloropropane	4.55	77	366510	40.971	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	334119	48.054	ug/l	97
28) Bromochloromethane	4.98	49	263055	49.567	ug/l	98
29) Tetrahydrofuran	5.10	42	833332	264.187	ug/l	98
30) Chloroform	5.18	83	569865	50.057	ug/l	99
31) Cyclohexane	5.55	56	457367	49.384	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	525032	50.255	ug/l	99
36) 1,1-Dichloropropene	5.77	75	412259	49.801	ug/l	100
37) Ethyl Acetate	4.80	43	505797	52.607	ug/l	99
38) Carbon Tetrachloride	5.76	117	473421	50.747	ug/l	95

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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	457187	50.507	ug/l	97
40) Benzene	6.12	78	1200782	49.365	ug/l	96
41) Methacrylonitrile	5.01	41	271664	51.460	ug/l	99
42) 1,2-Dichloroethane	6.17	62	475708	51.044	ug/l	98
43) Isopropyl Acetate	6.42	43	954445	61.461	ug/l	99
44) Trichloroethene	7.19	130	336725	48.992	ug/l	97
45) 1,2-Dichloropropane	7.49	63	329941	50.328	ug/l	99
46) Dibromomethane	7.64	93	234693	50.908	ug/l	98
47) Bromodichloromethane	7.88	83	475464	51.652	ug/l	100
48) Methyl methacrylate	7.75	41	408217	52.805	ug/l	99
49) 1,4-Dioxane	7.71	88	140272	1001.705	ug/l #	76
51) 4-Methyl-2-Pentanone	8.62	43	2764152	288.155	ug/l	97
52) Toluene	8.77	92	776432	50.339	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	516601	50.637	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	513031	47.471	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	334965	50.920	ug/l	98
56) Ethyl methacrylate	9.16	69	524888	53.674	ug/l	99
57) 1,3-Dichloropropane	9.35	76	561034	51.709	ug/l	100
59) 2-Hexanone	9.48	43	2046164	280.525	ug/l	99
60) Dibromochloromethane	9.57	129	413866	53.631	ug/l	100
61) 1,2-Dibromoethane	9.66	107	372292	52.129	ug/l	99
64) Tetrachloroethene	9.32	164	306207	47.878	ug/l	97
65) Chlorobenzene	10.12	112	889833	51.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	358007	52.258	ug/l	98
67) Ethyl Benzene	10.24	91	1529727	51.751	ug/l	100
68) m/p-Xylenes	10.34	106	1163606	105.466	ug/l	99
69) o-Xylene	10.68	106	561073	52.459	ug/l	98
70) Styrene	10.70	104	972867	53.413	ug/l	99
71) Bromoform	10.84	173	311697	53.341	ug/l #	99
73) Isopropylbenzene	11.00	105	1496246	52.995	ug/l	99
74) N-amyl acetate	10.88	43	749047	55.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	503582	50.561	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	478283m	50.230	ug/l	
77) Bromobenzene	11.24	156	394422	50.538	ug/l	98
78) n-propylbenzene	11.35	91	1734327	54.099	ug/l	100
79) 2-Chlorotoluene	11.40	91	1034106	52.211	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1283964	55.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	172225	48.851	ug/l	99
82) 4-Chlorotoluene	11.49	91	1228687	52.183	ug/l	99
83) tert-Butylbenzene	11.76	119	1254072	54.771	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1299122	54.767	ug/l	99
85) sec-Butylbenzene	11.93	105	1450764	55.717	ug/l	99
86) p-Isopropyltoluene	12.05	119	1343049	56.153	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	688359	50.237	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	691169	50.378	ug/l	99
89) n-Butylbenzene	12.37	91	1169430	53.570	ug/l	100
90) Hexachloroethane	12.58	117	260823	55.427	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	653864	50.694	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	136717	54.898	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	462113	53.728	ug/l	97

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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)
94) Hexachlorobutadiene	13.77	225	175441	51.714	ug/l	94
95) Naphthalene	13.82	128	1602887	56.627	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	470098	55.315	ug/l	98

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

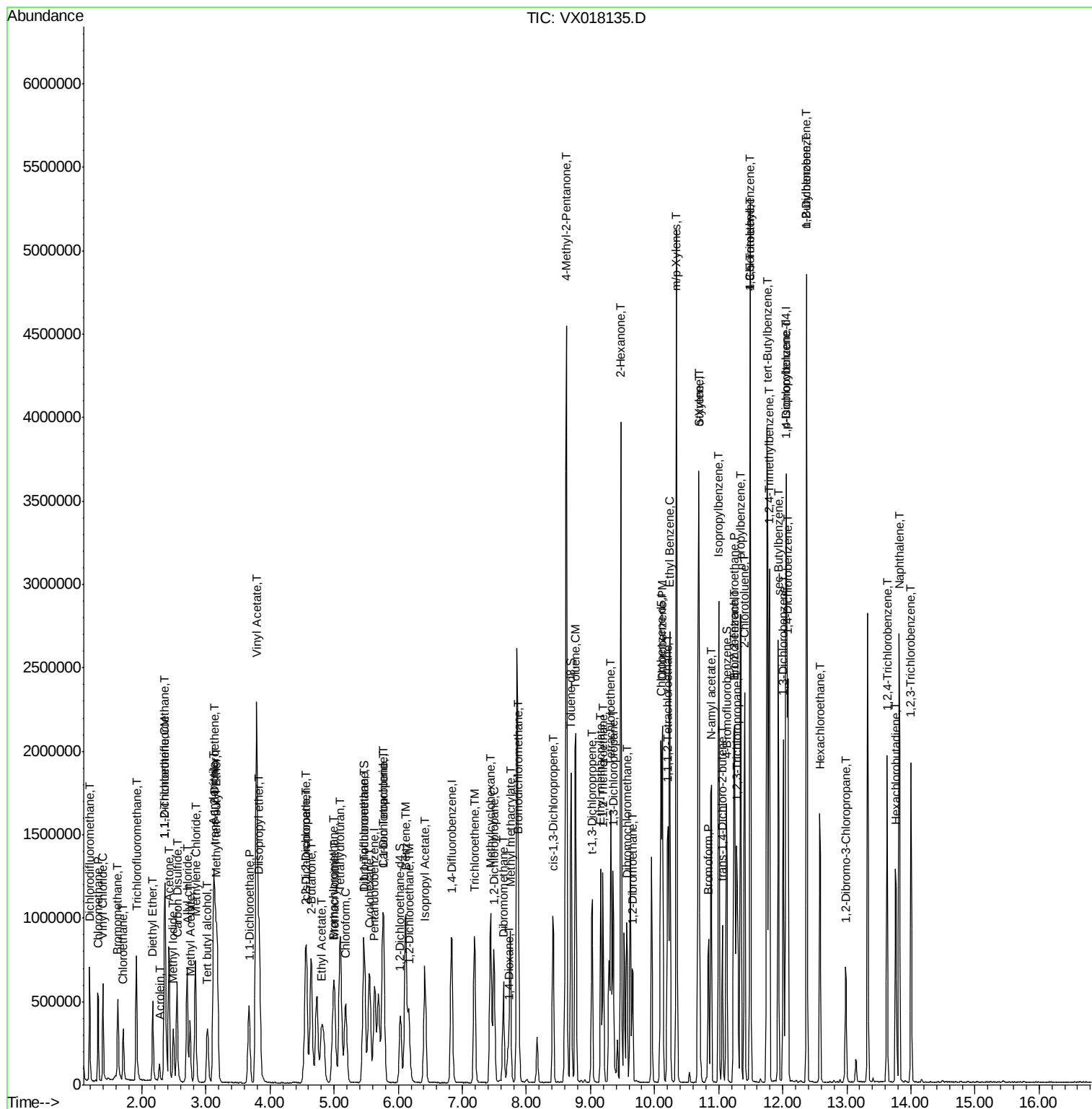
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 Data File : VX018135.D
 Acd On : 28 Aug 2020 20:52
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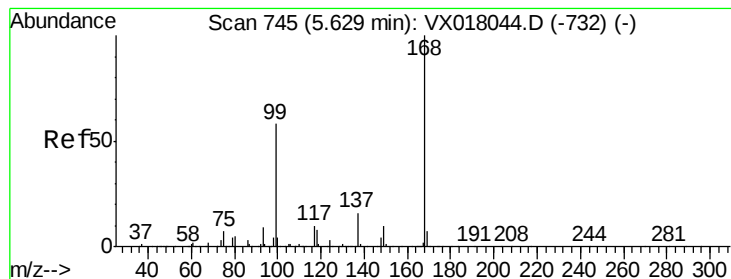
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:168 Resp: 557362

Ion Ratio Lower Upper

168 100

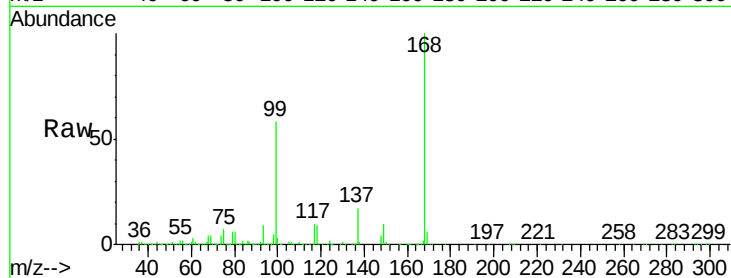
99 57.3 46.3 69.5

Manual Integrations

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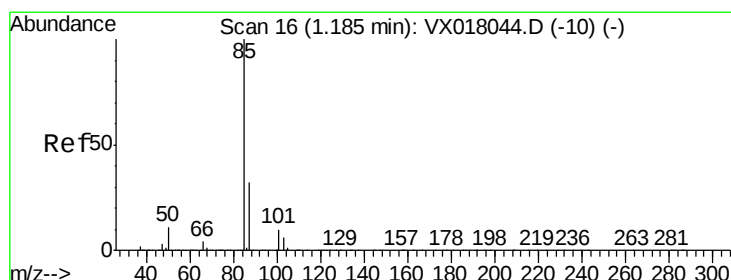
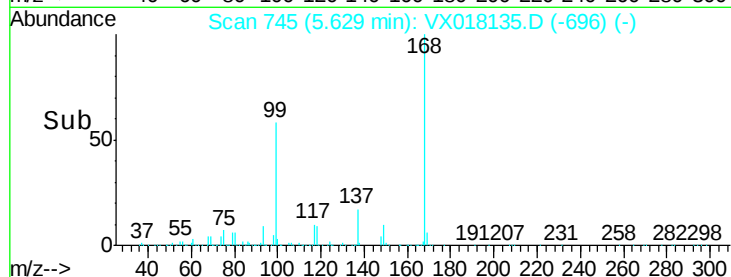
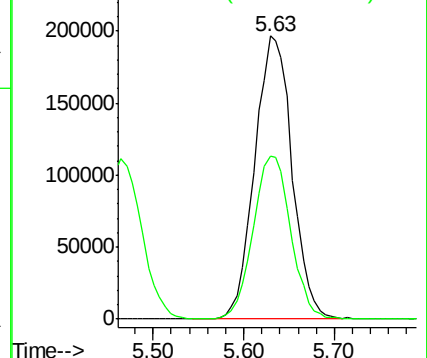
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.979 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018135.D

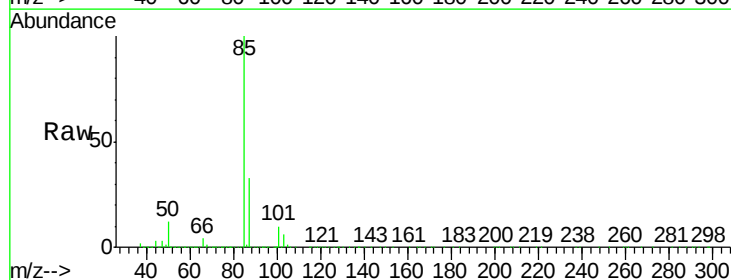
Acq: 28 Aug 2020 20:52

Tgt Ion: 85 Resp: 339154

Ion Ratio Lower Upper

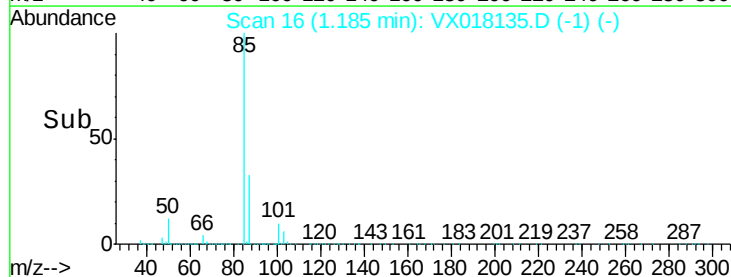
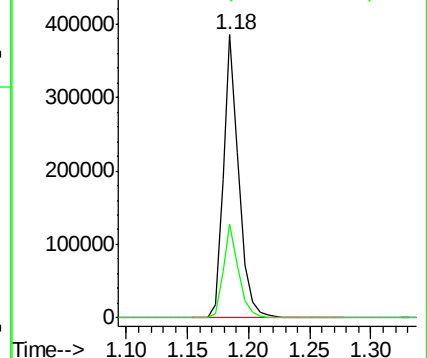
85 100

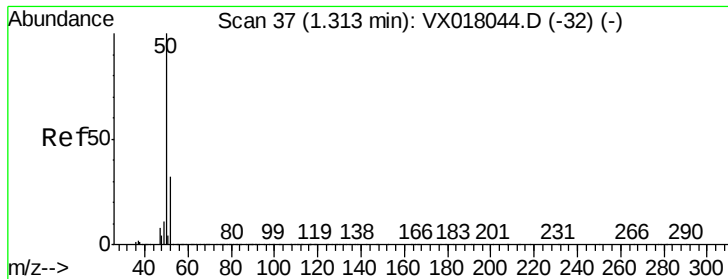
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.108 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion: 50 Resp: 337026

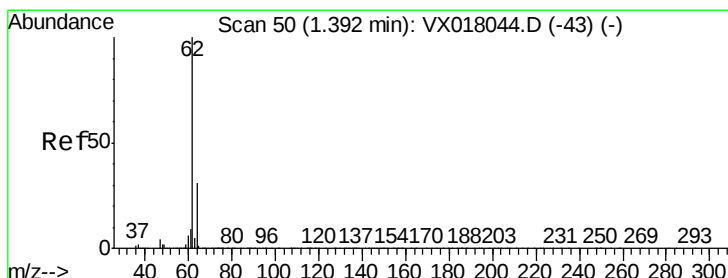
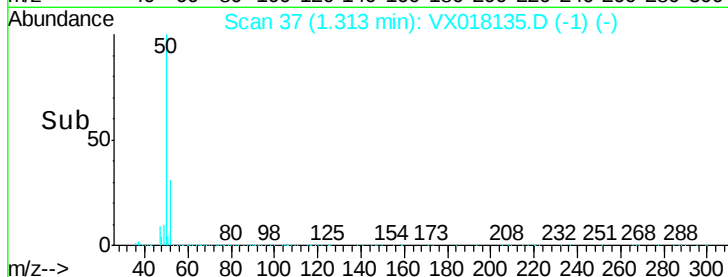
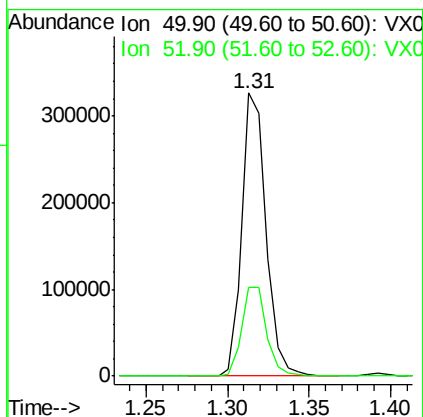
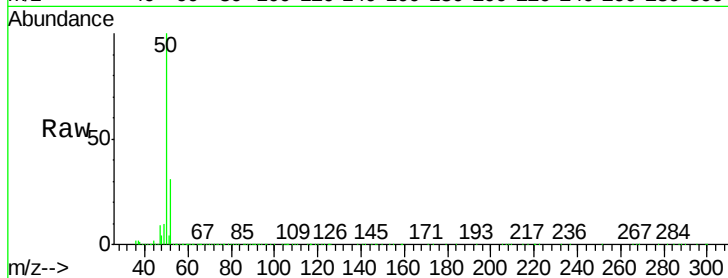
Ion Ratio Lower Upper

50 100

52 31.4 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.222 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018135.D

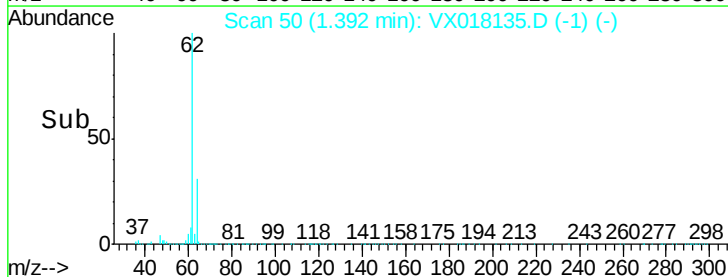
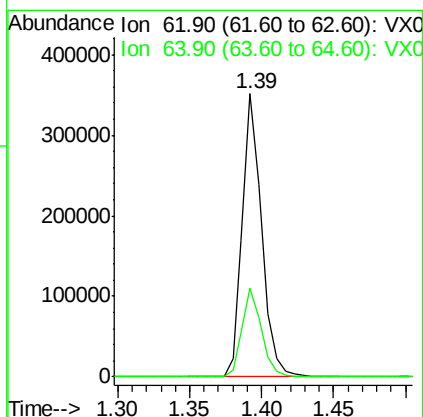
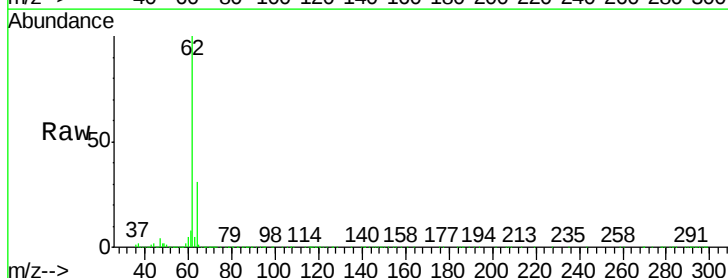
Acq: 28 Aug 2020 20:52

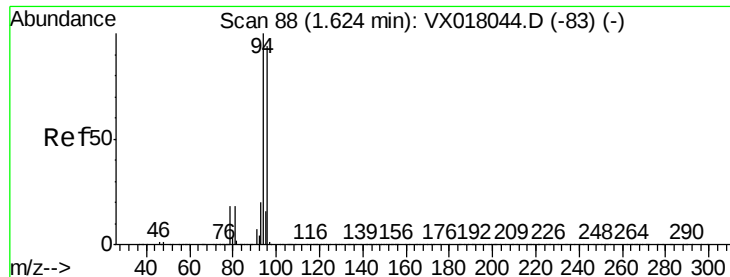
Tgt Ion: 62 Resp: 329182

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 60.394 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018135.D

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Tot Ion: 94 Resp: 207459

Ion Ratio Lower Upper

94 100

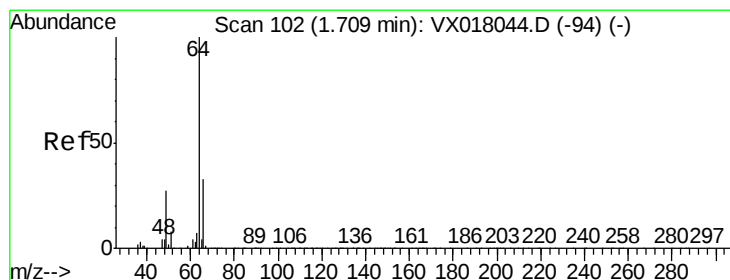
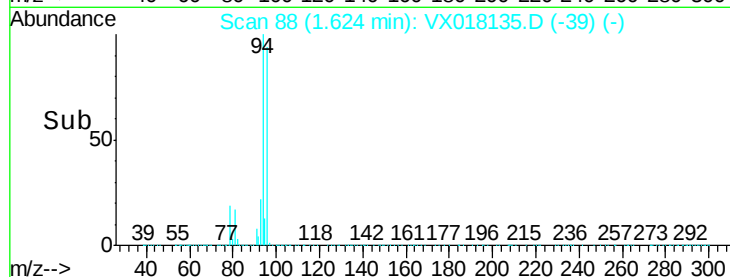
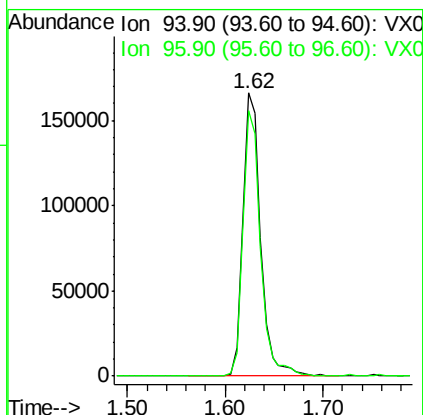
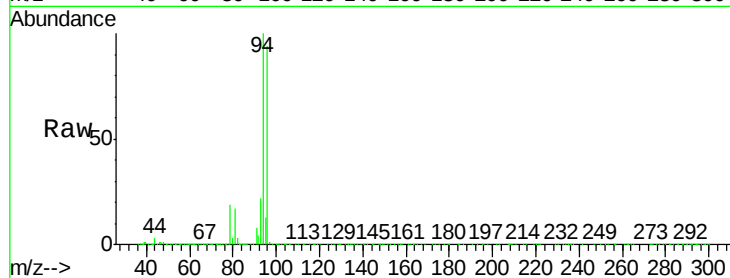
96 93.9 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 48.772 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018135.D

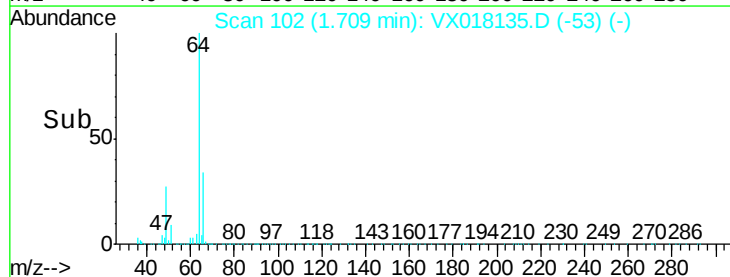
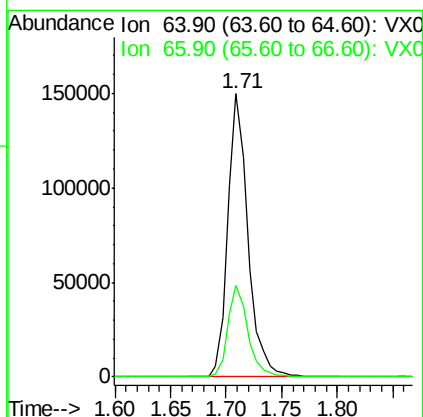
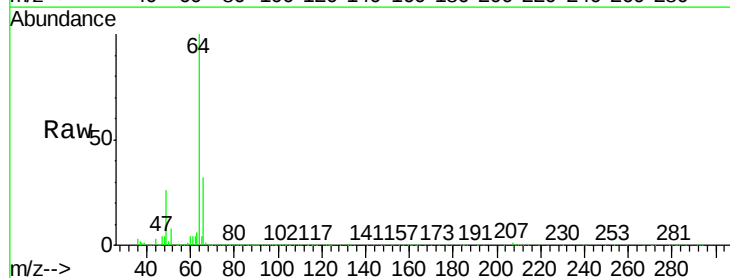
Acq: 28 Aug 2020 20:52

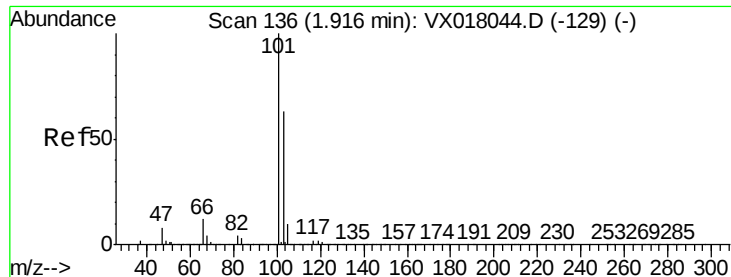
Tgt Ion: 64 Resp: 186559

Ion Ratio Lower Upper

64 100

66 32.4 26.6 39.8





#7

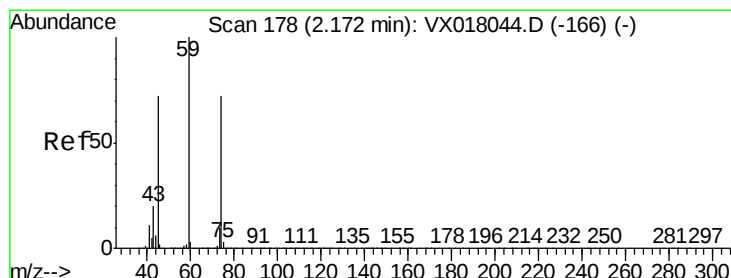
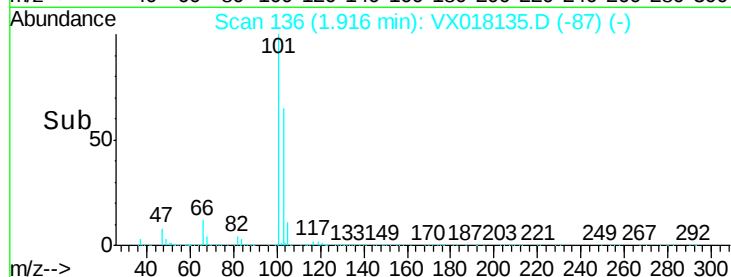
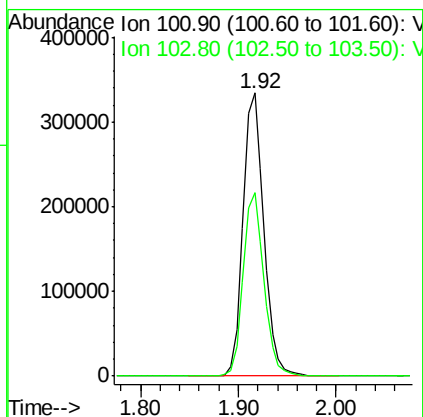
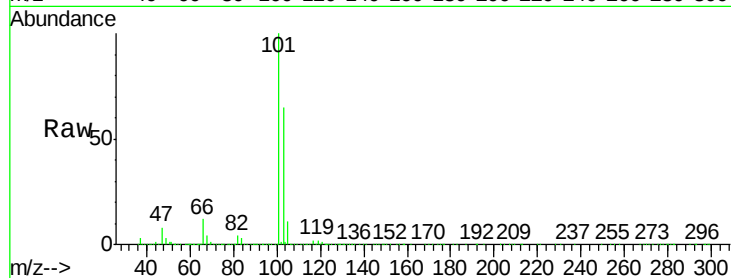
Trichlorofluoromethane
Concen: 50.684 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.7	76.1

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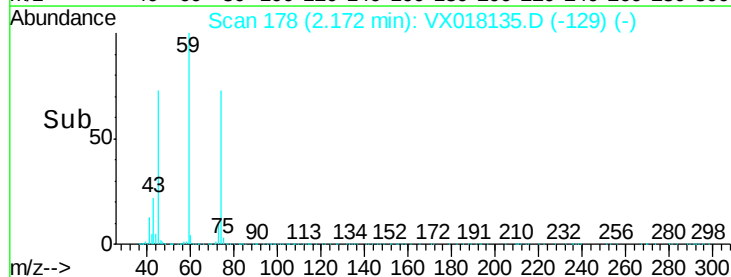
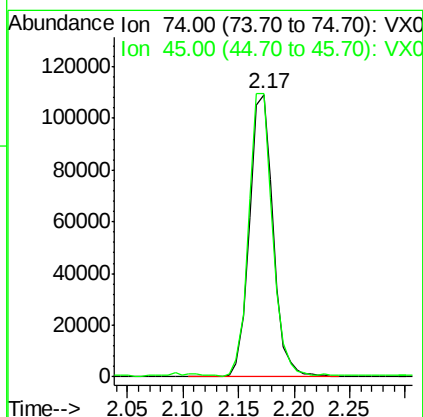
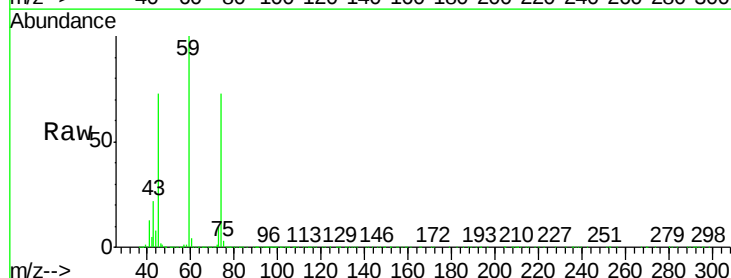
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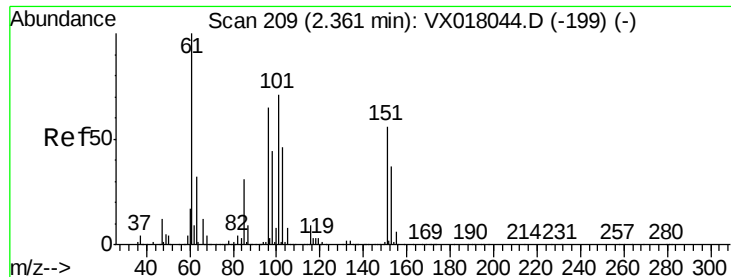


#8

Diethyl Ether
Concen: 49.034 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	50.7	152.3





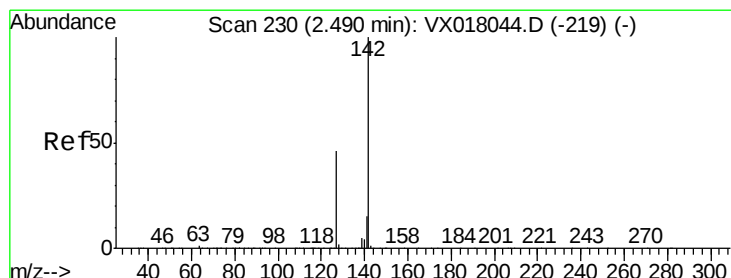
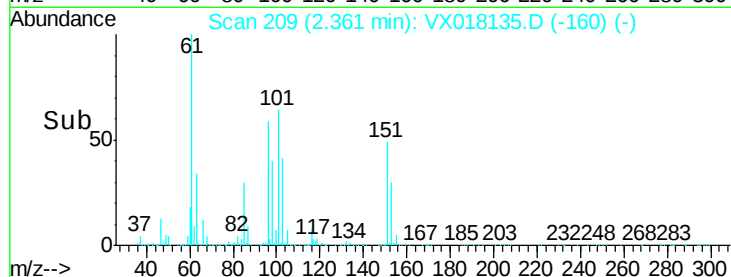
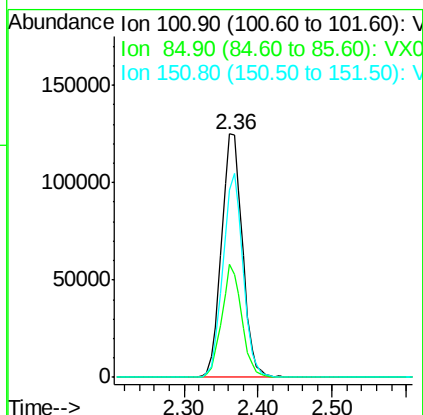
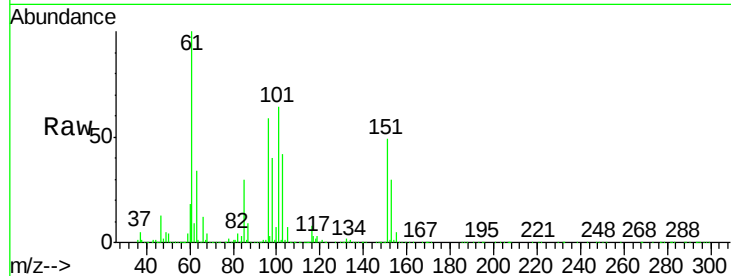
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.699 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	245174		
85	43.8	34.0	51.0	
151	80.6	65.2	97.8	

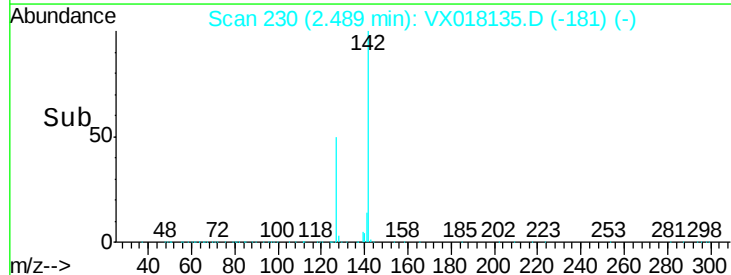
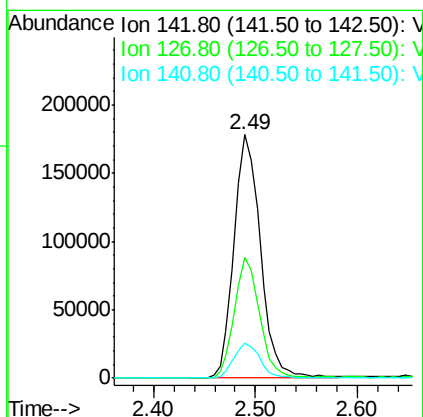
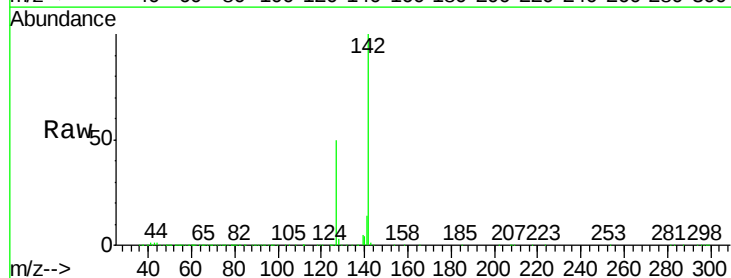
Manual Integrations
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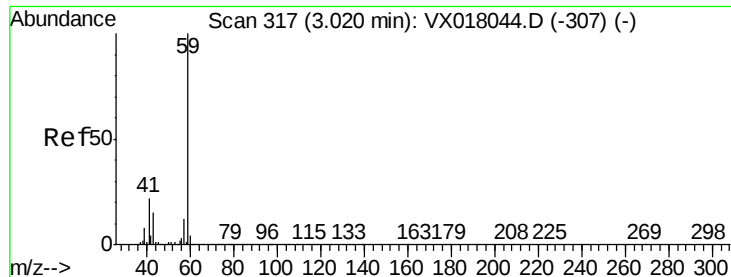
MMDadoda
8/31/2020 8:58:05 AM



#10
Methyl Iodide
Concen: 56.351 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	320746		
127	47.1	37.0	55.6	
141	14.4	11.5	17.3	





#11

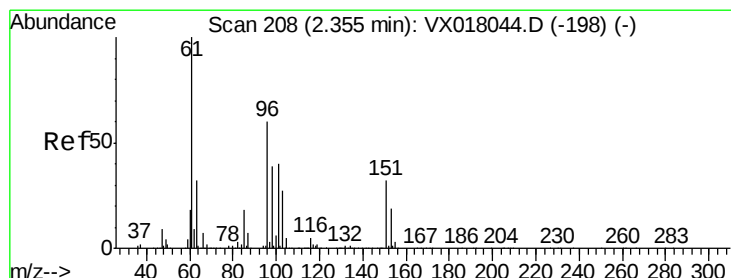
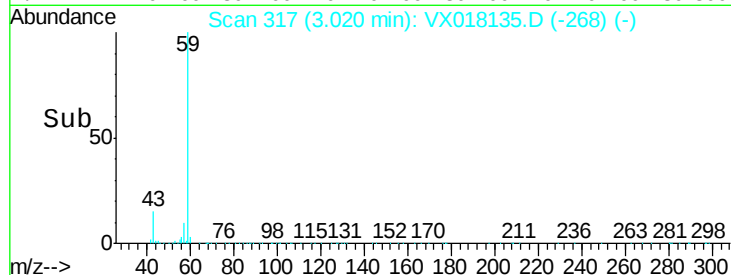
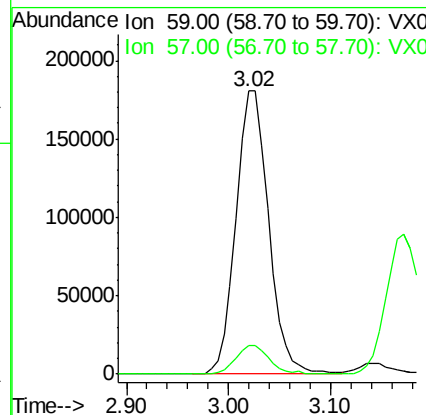
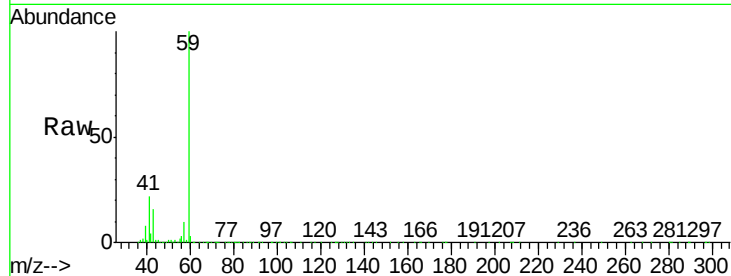
Tert butyl alcohol
Concen: 266.773 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	401353		
57	10.7		8.9	13.3

Manual Integrations
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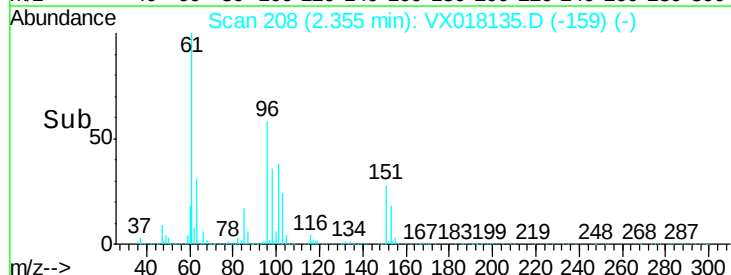
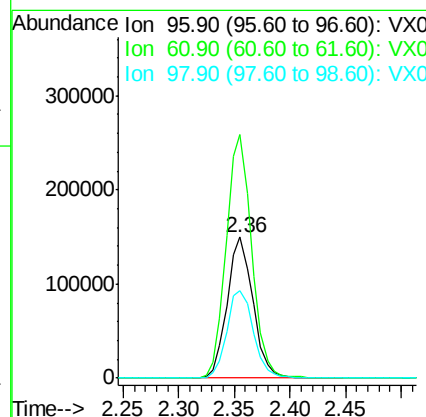
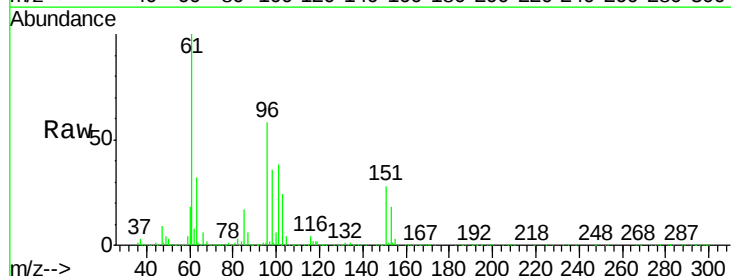
MMDadoda
8/31/2020 8:58:05 AM

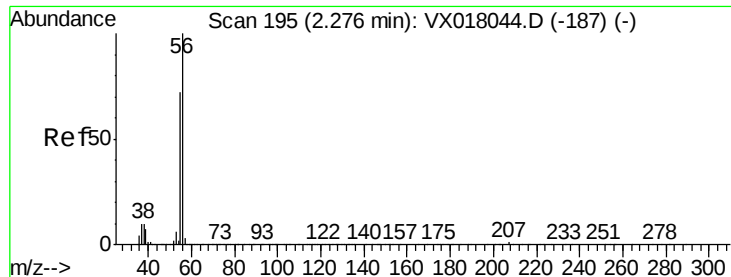


#12

1,1-Dichloroethene
Concen: 43.827 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	238715		
61	172.7		133.0	199.4
98	62.3		51.6	77.4





#13

Acrolein

Concen: 105.446 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion: 56 Resp: 65779

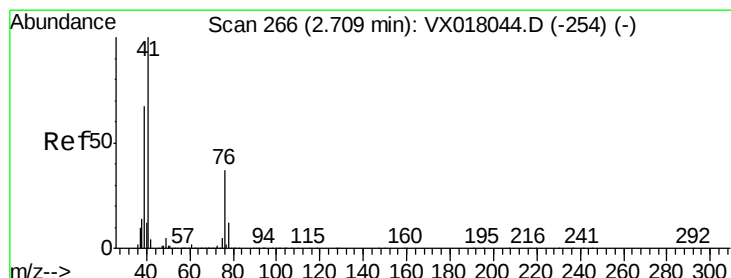
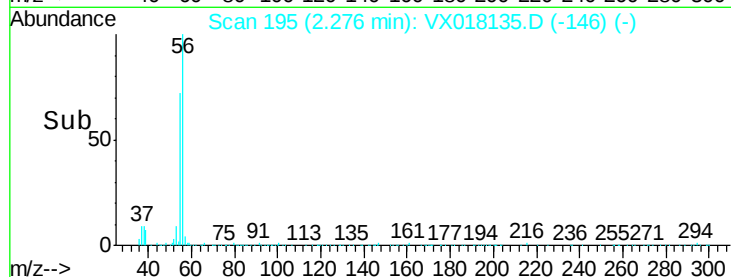
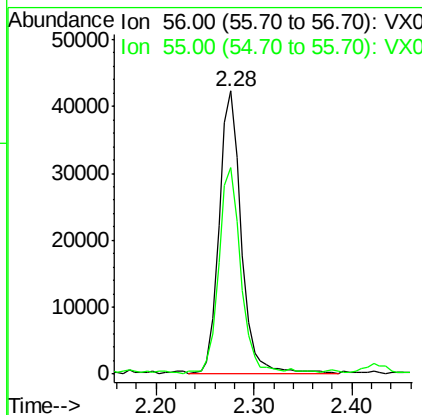
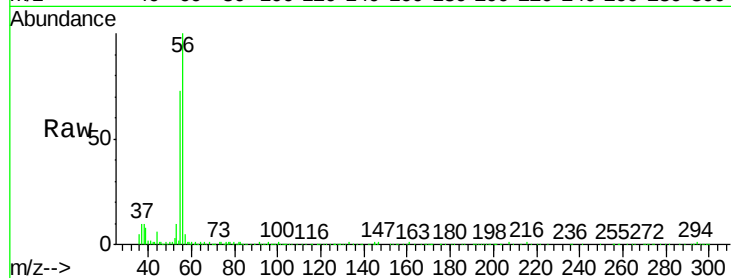
Ion Ratio Lower Upper

56 100

55 73.9 57.0 85.6

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#14

Allyl chloride

Concen: 48.511 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

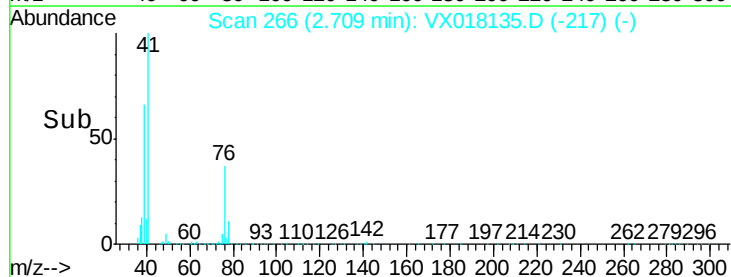
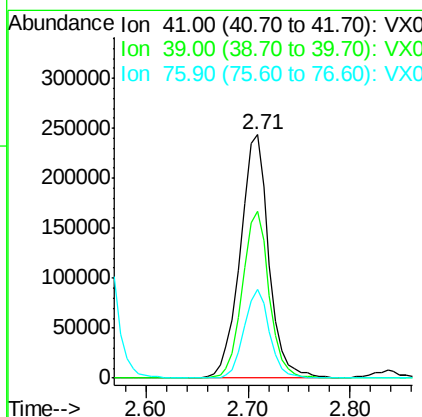
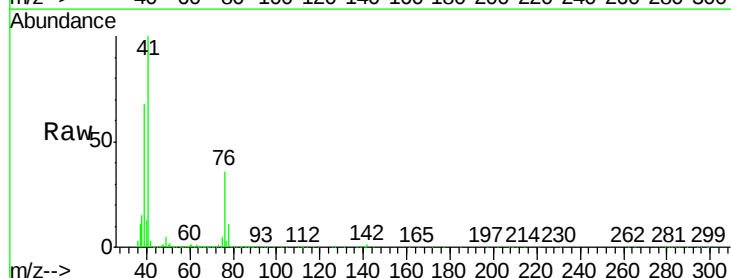
Tgt Ion: 41 Resp: 474727

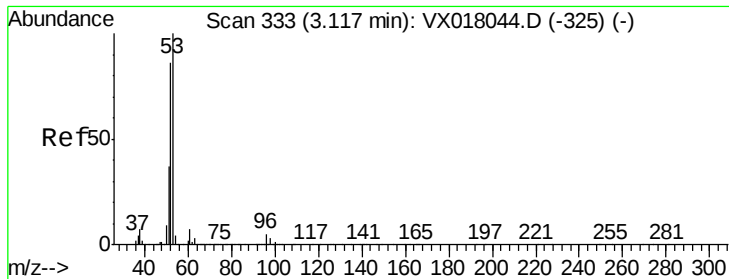
Ion Ratio Lower Upper

41 100

39 64.0 50.6 76.0

76 32.3 26.2 39.2





#15

Acrylonitrile

Concen: 261.638 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

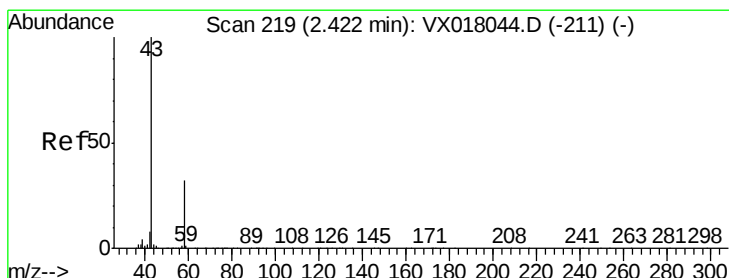
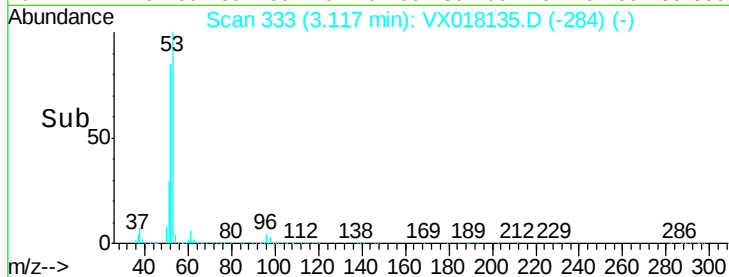
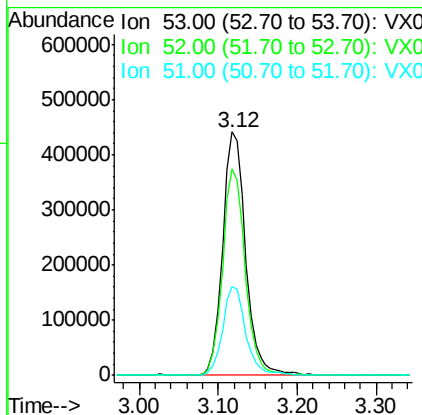
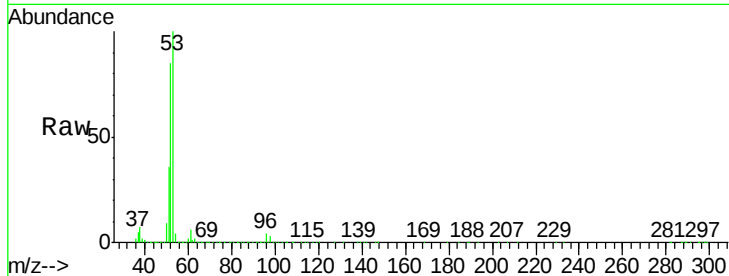
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:	53	Resp:	892898
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.9	100.3
51	36.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 278.653 ug/l

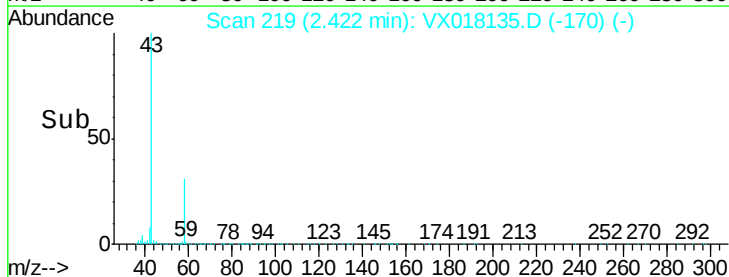
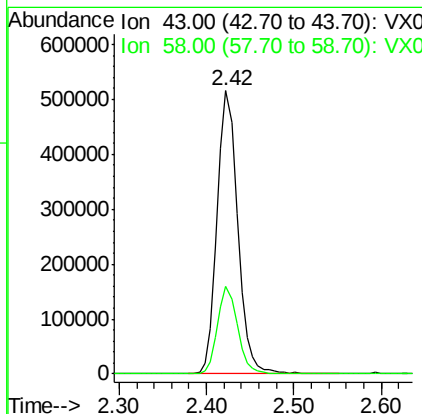
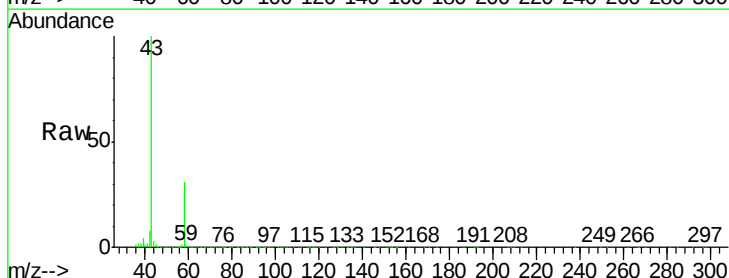
RT: 2.42 min Scan# 219

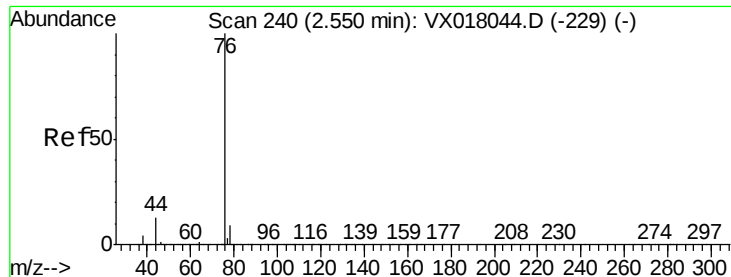
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion:	43	Resp:	840152
Ion Ratio		Lower	Upper
43	100		
58	31.0	25.5	38.3





#17

Carbon Disulfide

Concen: 45.380 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion: 76 Resp: 747211

Ion Ratio Lower Upper

76 100

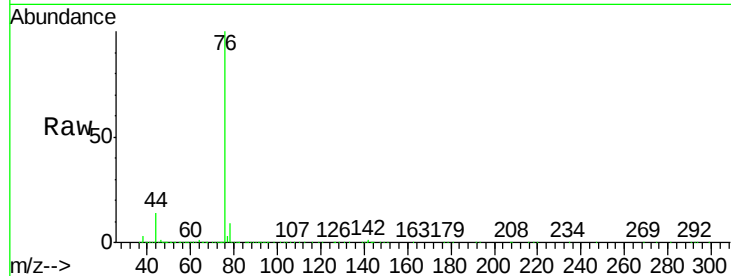
78 9.1 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

400000

300000

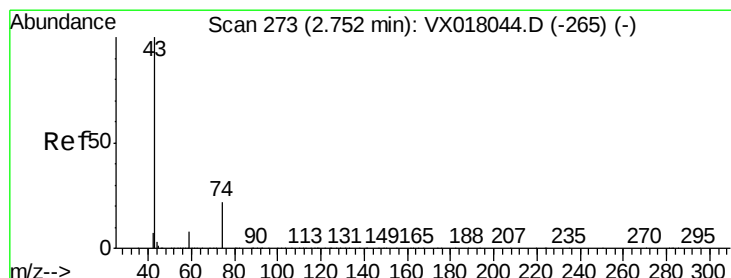
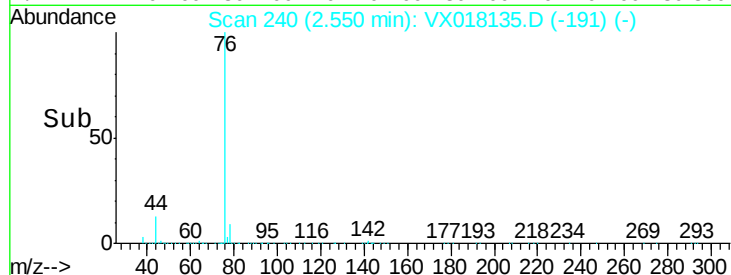
200000

100000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 57.084 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018135.D

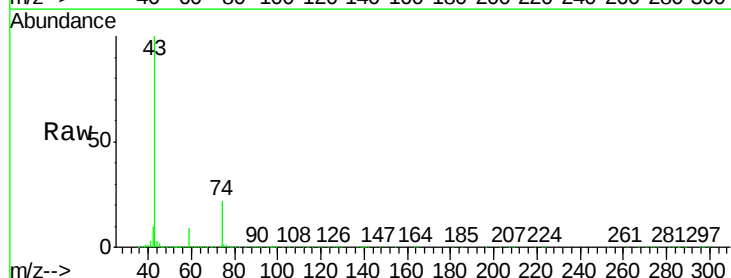
Acq: 28 Aug 2020 20:52

Tgt Ion: 43 Resp: 415326

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

250000

200000

150000

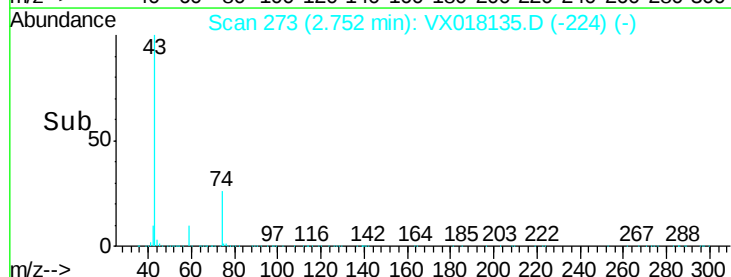
100000

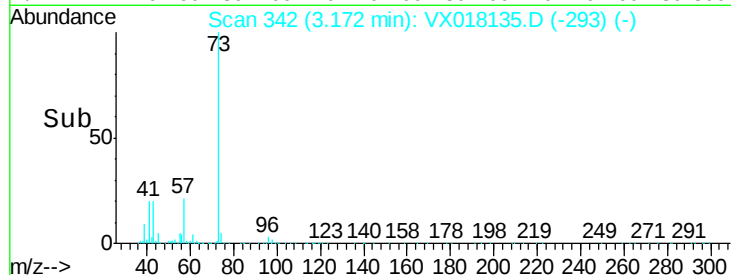
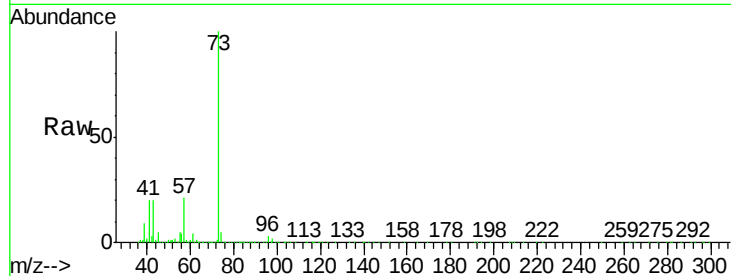
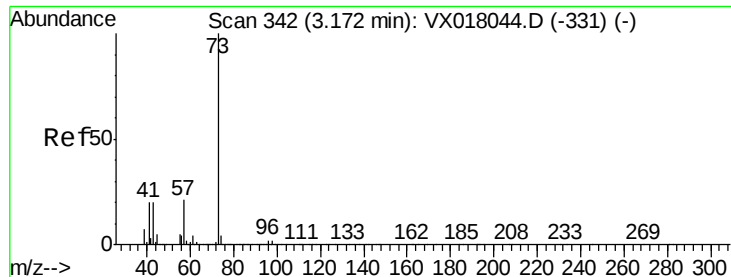
50000

0

2.70 2.75 2.80

Time-->





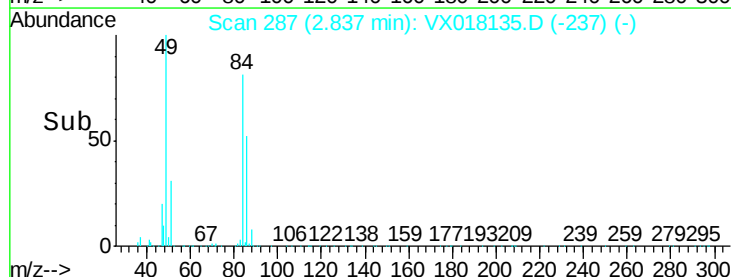
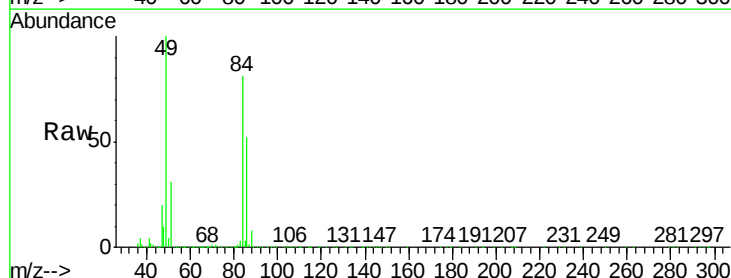
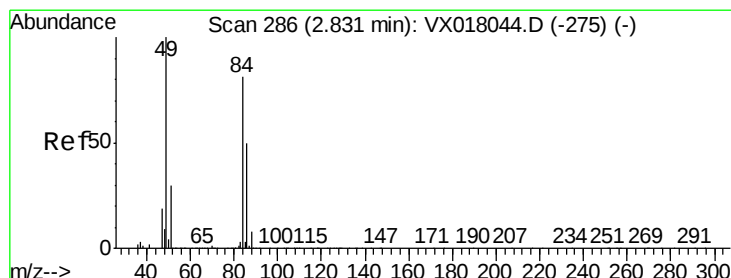
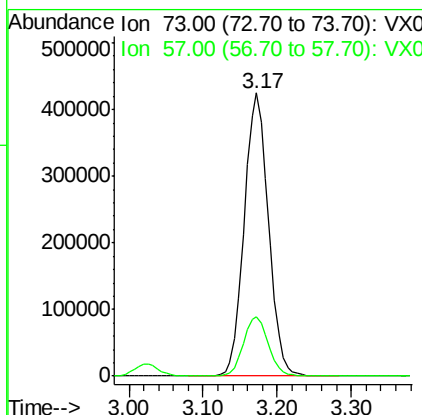
#19
Methvl tert-butvl Ether
Concen: 51.924 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.8	25.2

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

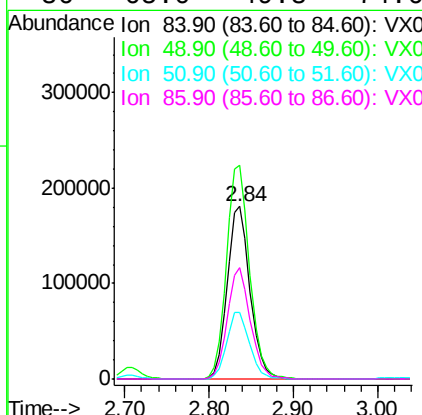
Manual Integrations
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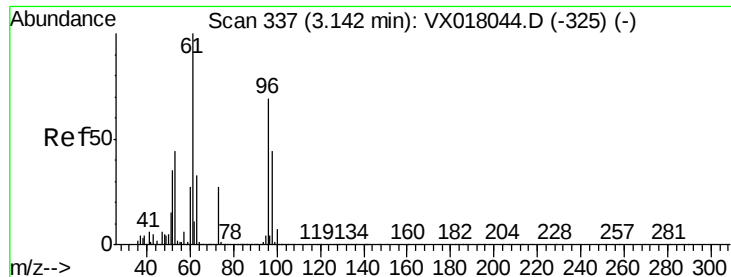
MMDadoda
8/31/2020 8:58:05 AM



#20
Methylene Chloride
Concen: 54.191 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	98.6	148.0
51	38.4	29.6	44.4
86	65.0	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 48.098 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

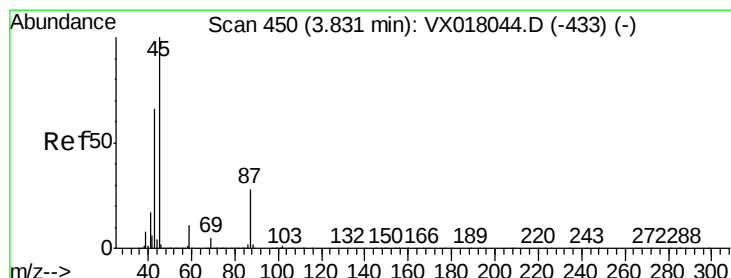
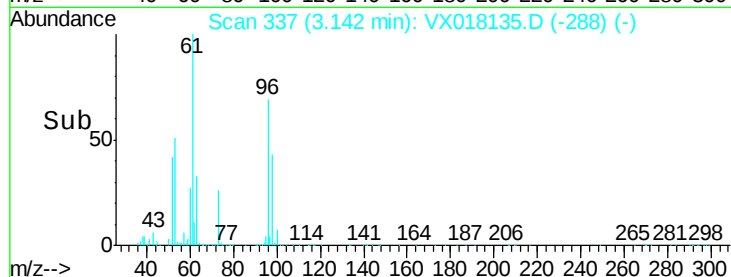
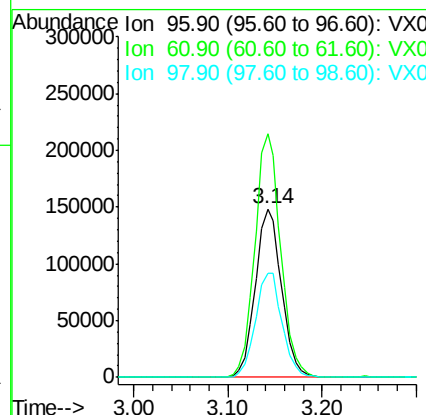
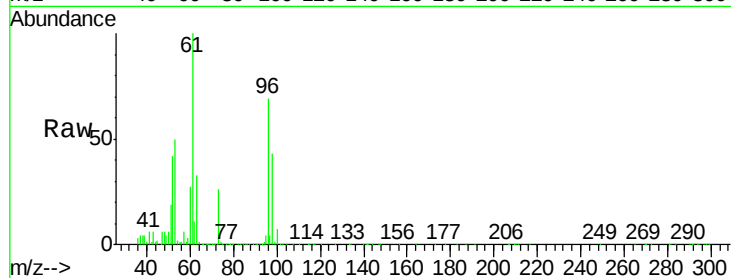
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:	96	Resp:	290252
Ion Ratio	Lower	Upper	
96	100		
61	144.4	115.4	173.0
98	61.6	51.1	76.7

Manual Integrations
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MMDadoda
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#22

Diisopropyl ether

Concen: 49.546 ug/l

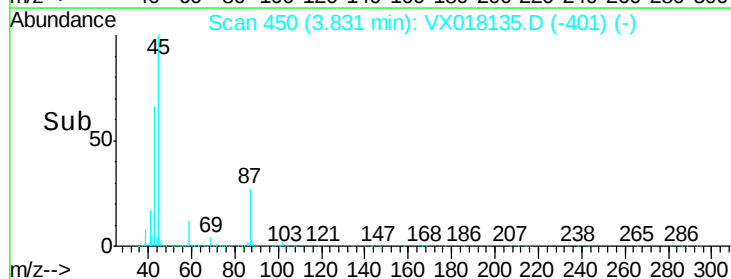
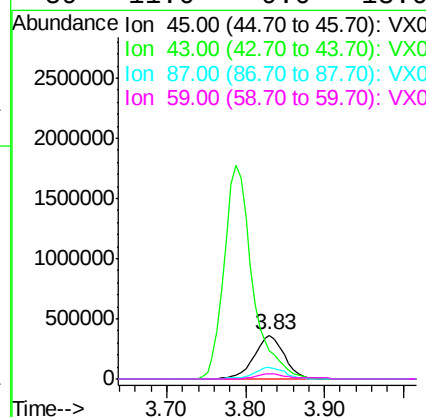
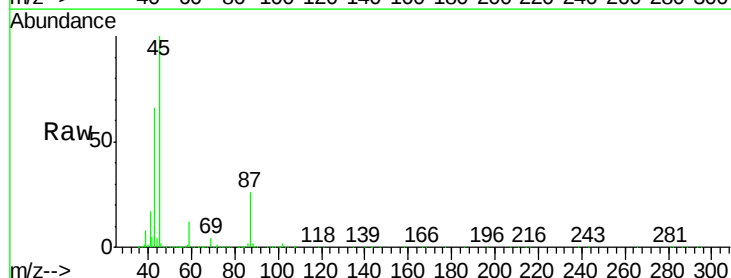
RT: 3.83 min Scan# 450

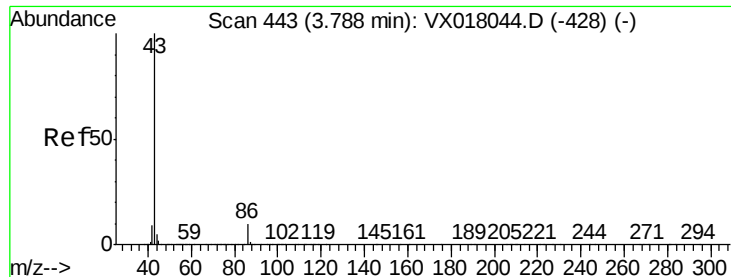
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion:	45	Resp:	956954
Ion Ratio	Lower	Upper	
45	100		
43	65.6	52.8	79.2
87	26.5	22.5	33.7
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 260.042 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion: 43 Resp: 4469107

Ion Ratio Lower Upper

43 100

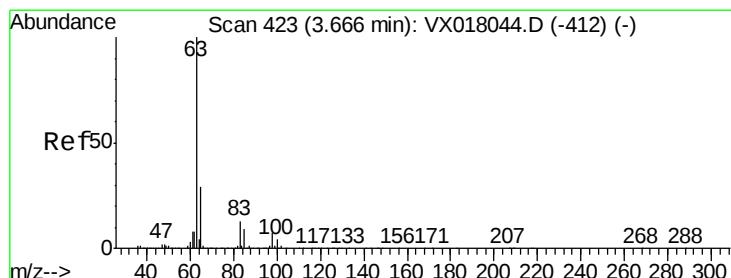
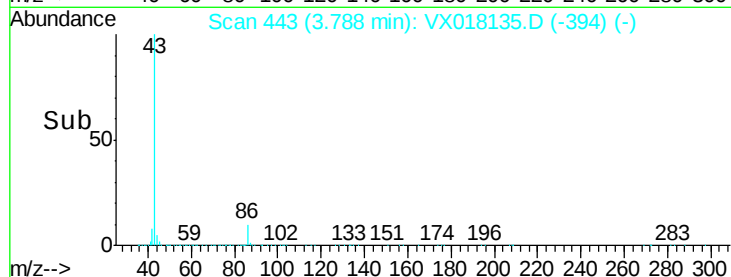
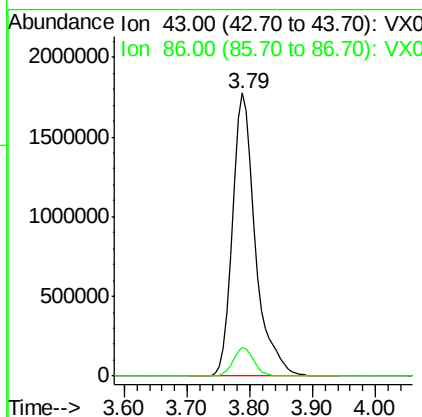
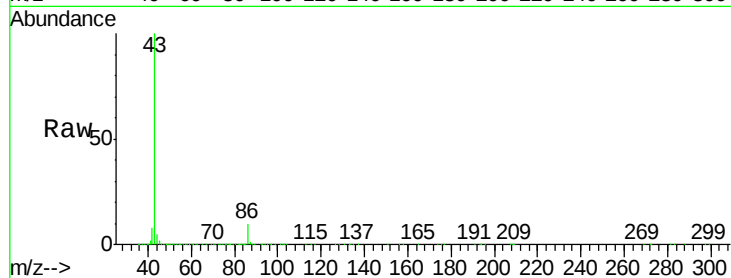
86 10.1 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.719 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

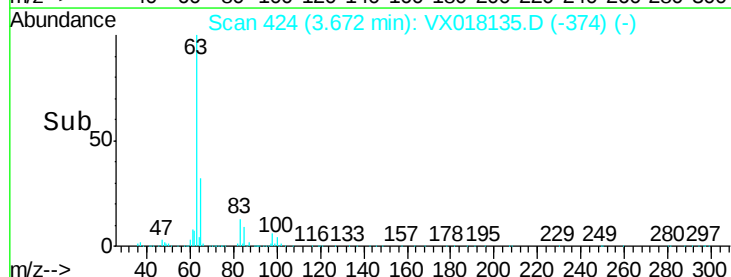
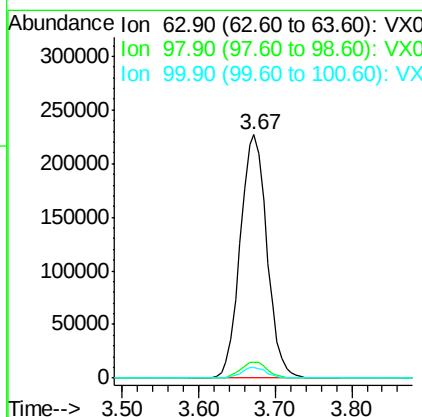
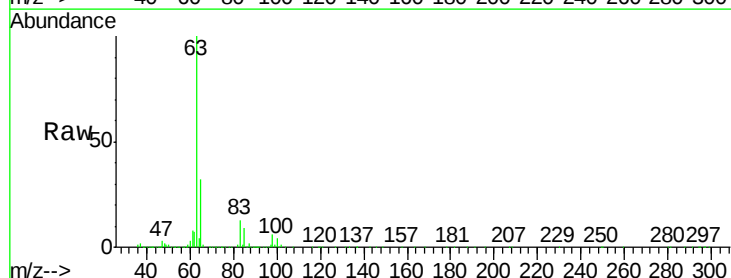
Tgt Ion: 63 Resp: 546646

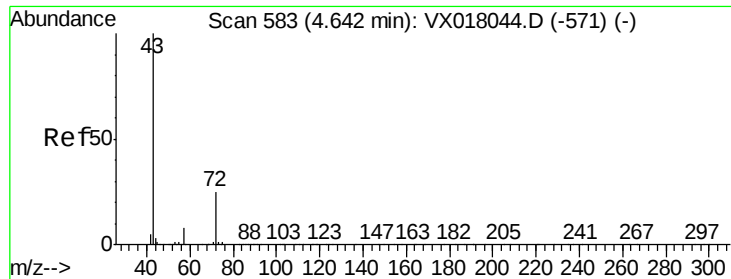
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 269.412 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tot Ion: 43 Resp: 1334968

Ion Ratio Lower Upper

43 100

72 24.8 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

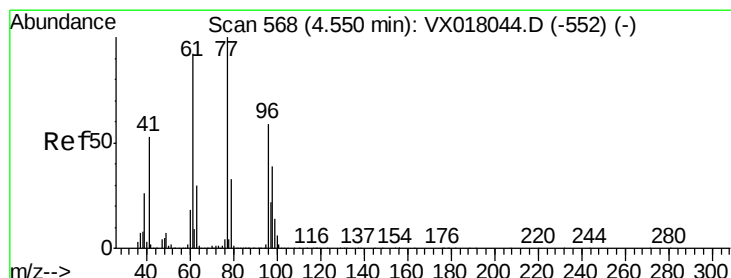
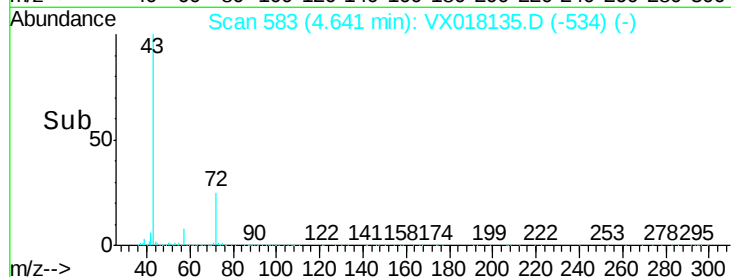
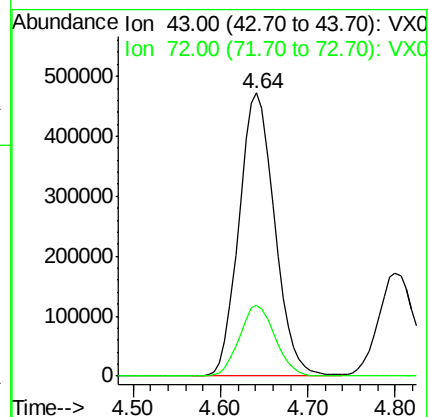
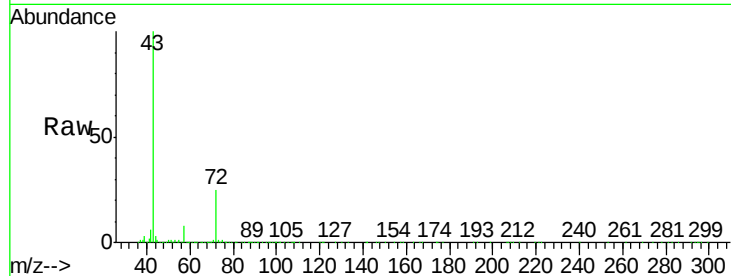
789UMR-DSP02-01MSD

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#26

2,2-Dichloropropane

Concen: 40.971 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018135.D

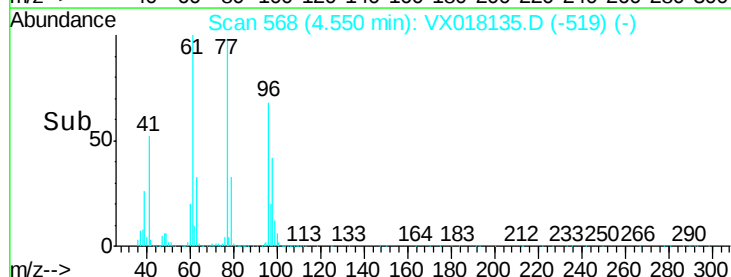
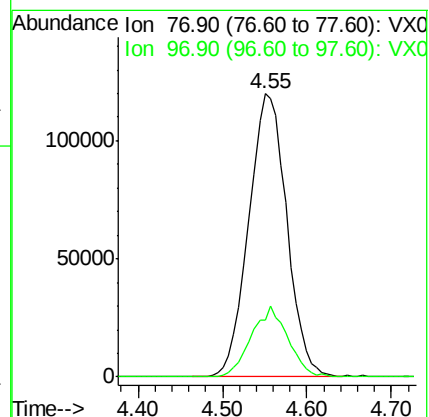
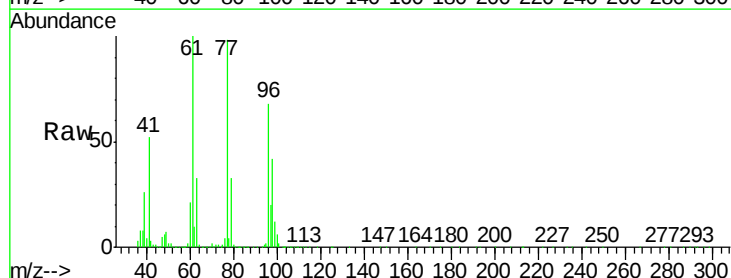
Acq: 28 Aug 2020 20:52

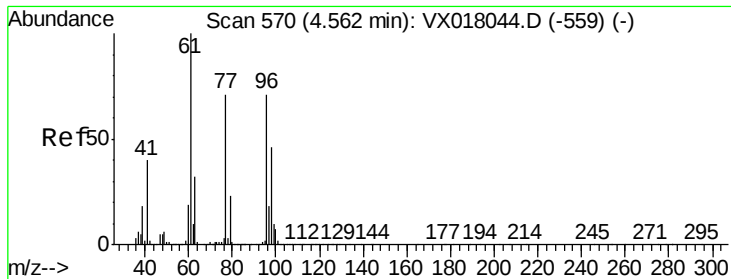
Tgt Ion: 77 Resp: 366510

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5





#27

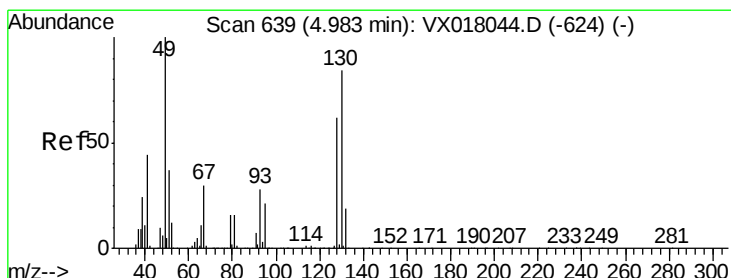
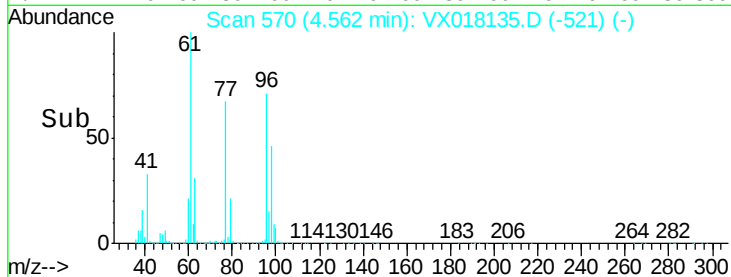
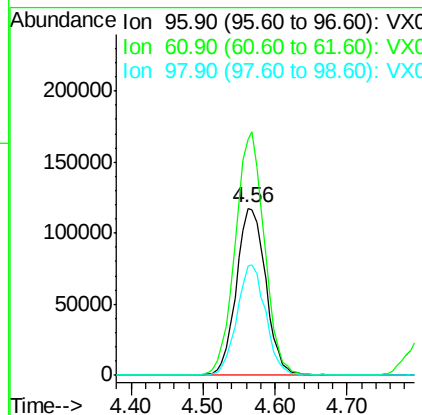
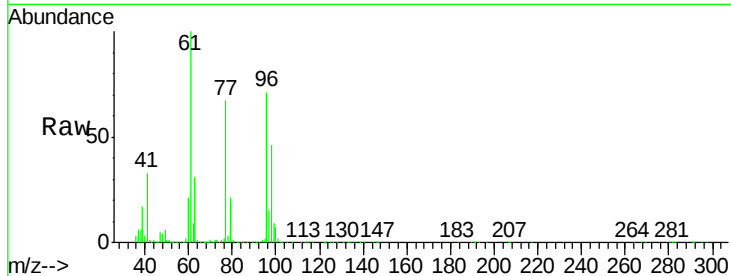
cis-1,2-Dichloroethene
Concen: 48.054 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	334119		
61	144.1	0.0	296.6	
98	64.3	0.0	130.2	

Manual Integrations
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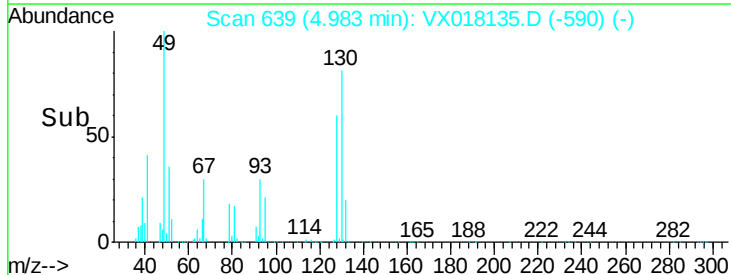
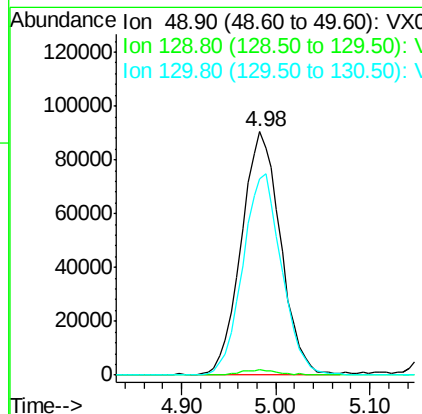
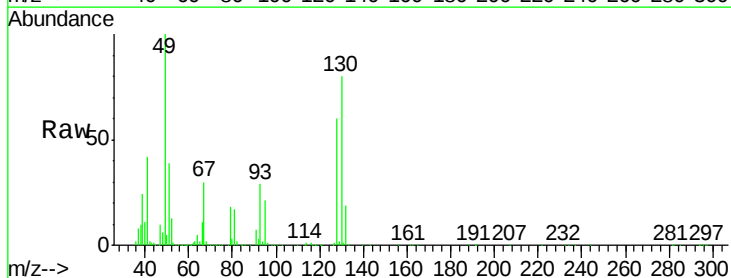
MMDadoda
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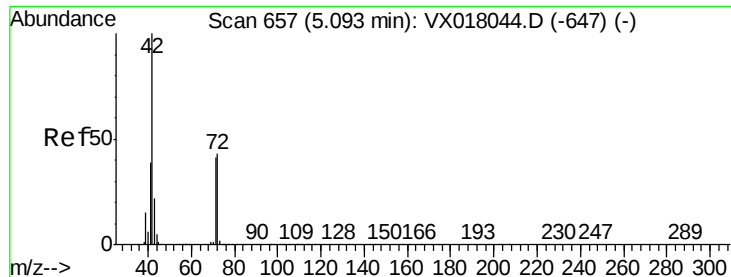


#28

Bromochloromethane
Concen: 49.567 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	263055		
129	2.1	0.0	4.6	
130	82.3	64.6	96.8	





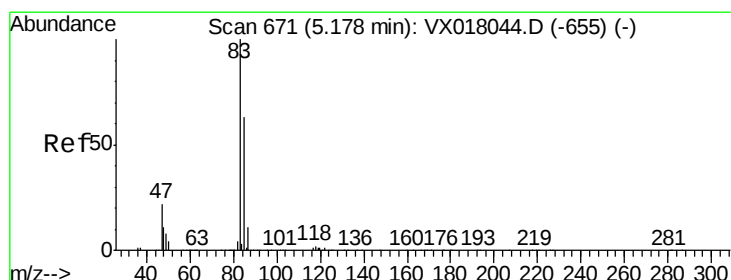
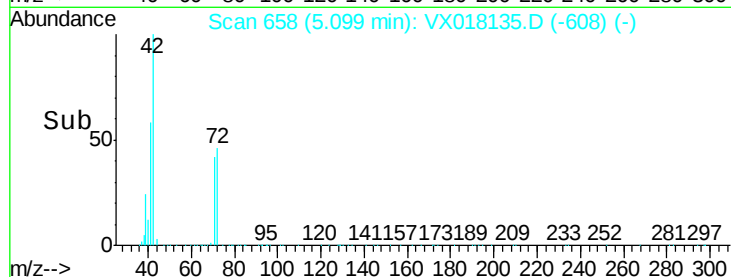
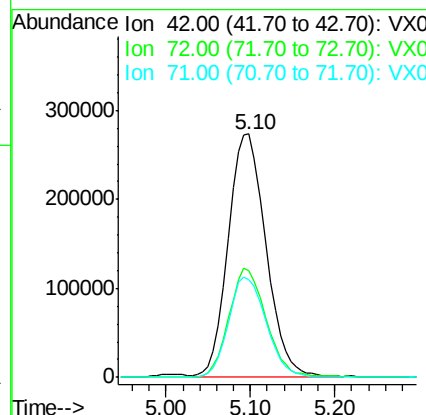
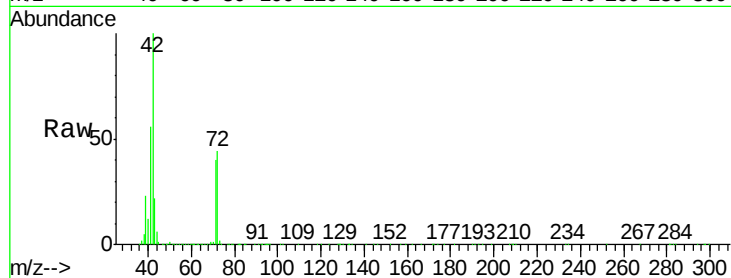
#29
Tetrahydrofuran
Concen: 264.187 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.2	51.4
71	41.3	32.1	48.1

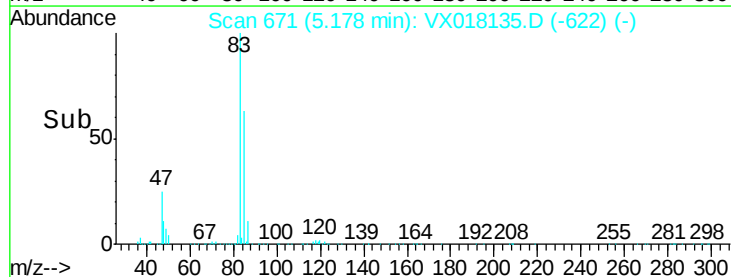
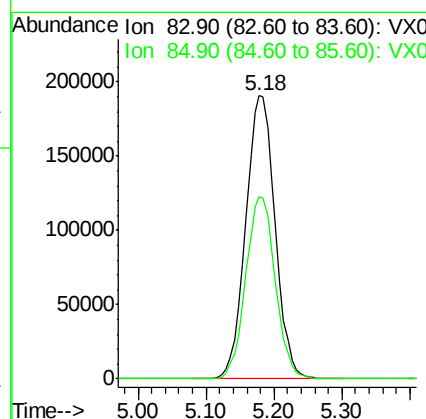
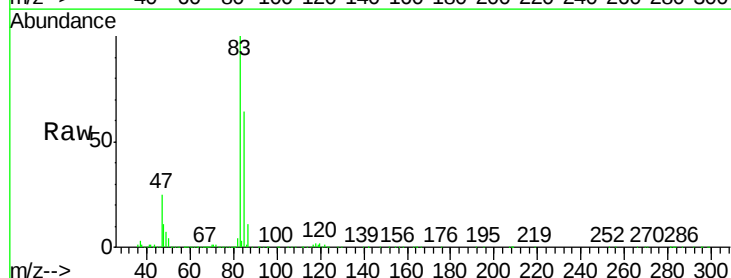
Manual Integrations
APPROVED

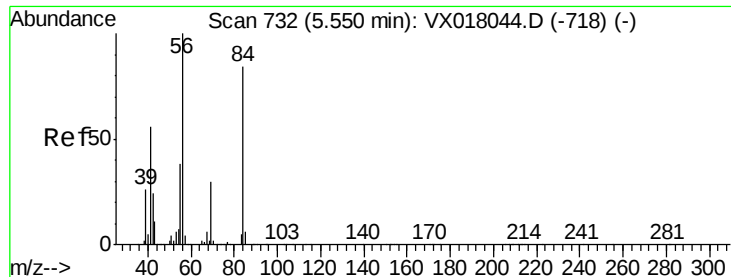
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#30
Chloroform
Concen: 50.057 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1





#31

Cyclohexane

Concen: 49.384 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

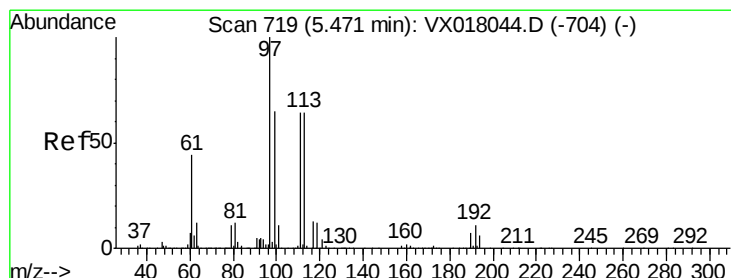
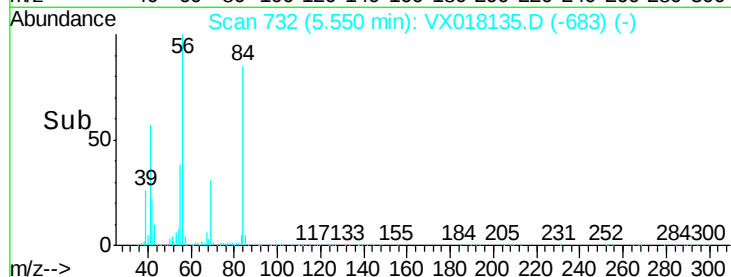
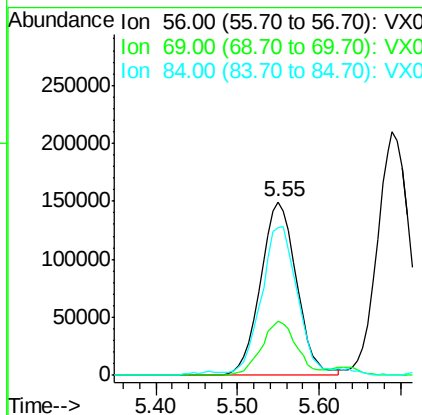
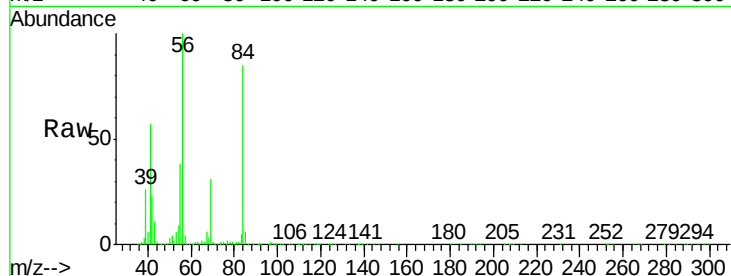
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.9	23.9	35.9	
84	83.8	67.0	100.4	

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#32

1,1,1-Trichloroethane

Concen: 50.255 ug/l

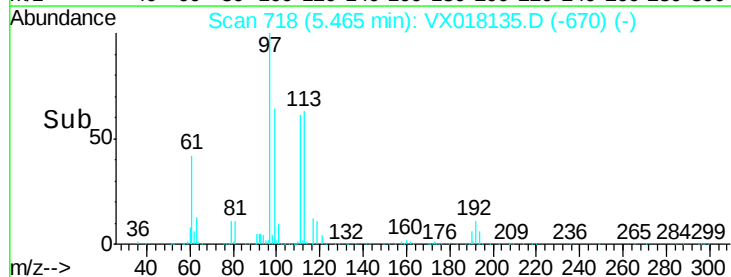
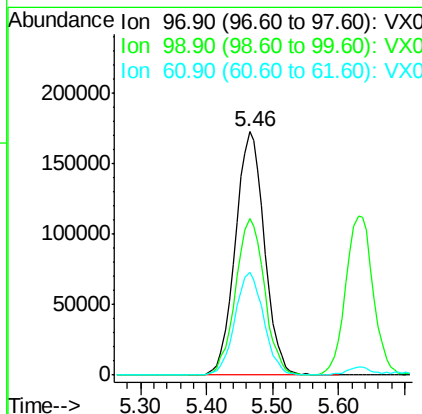
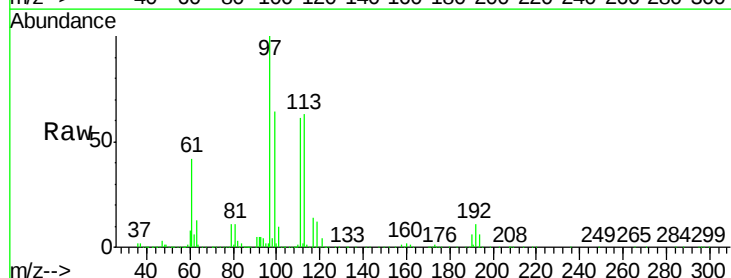
RT: 5.46 min Scan# 719

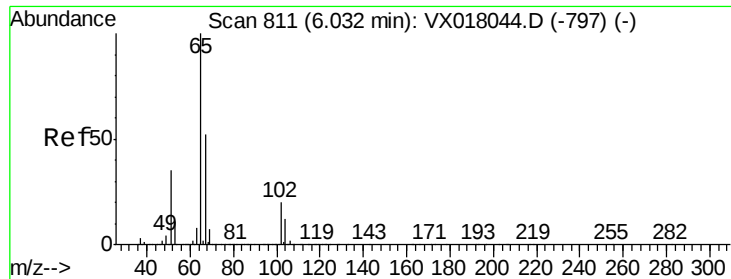
Delta R.T. -0.01 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.4	77.0	
61	42.0	34.2	51.4	





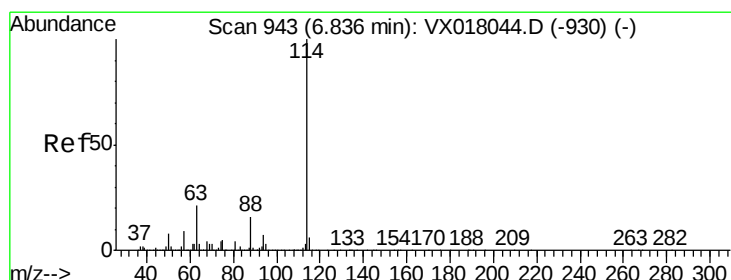
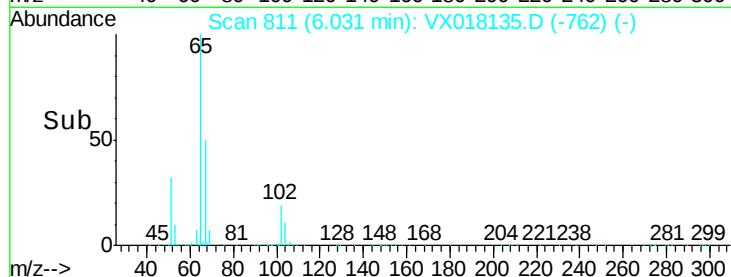
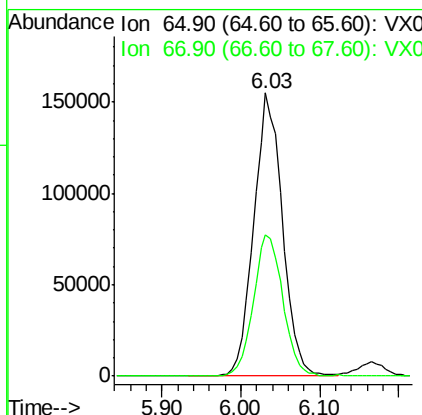
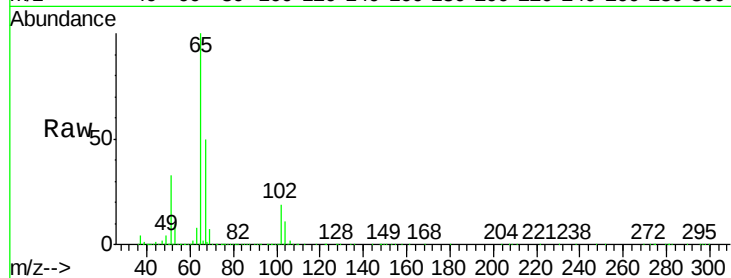
#33
 1,2-Dichloroethane-d4
 Concen: 50.639 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	391823		
67	51.0	0.0	105.8	

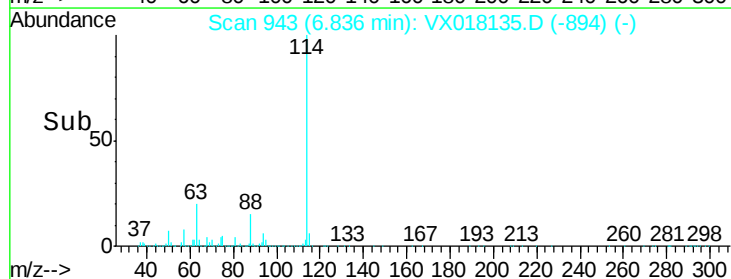
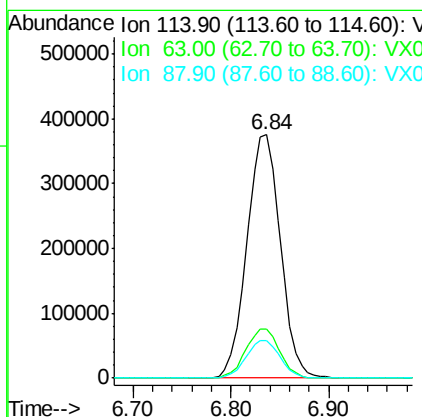
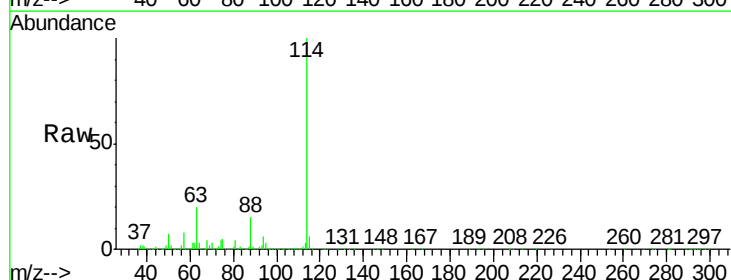
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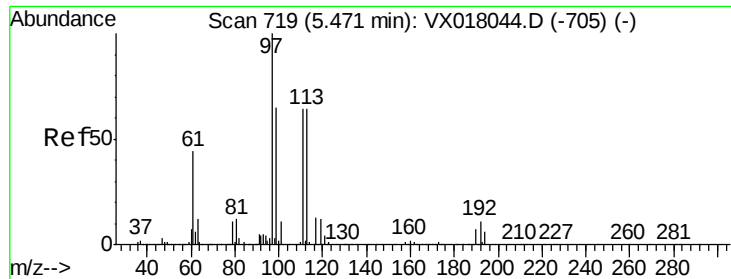
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 8/31/2020 8:58:05 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	897508		
63	20.3	0.0	42.6	
88	15.4	0.0	31.8	





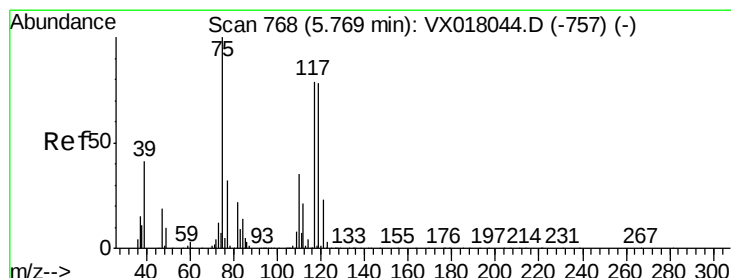
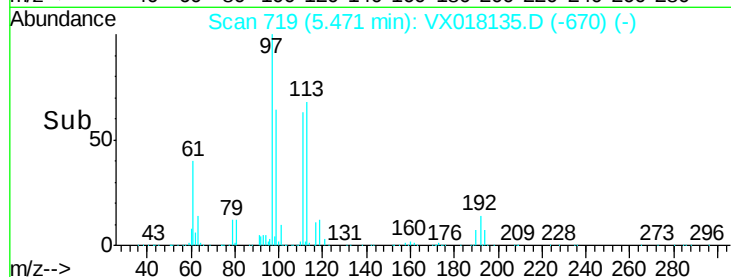
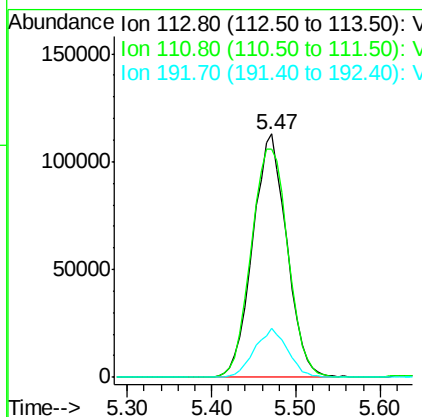
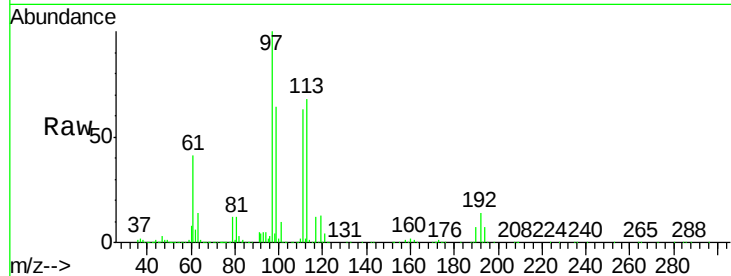
#35
 Dibromofluoromethane
 Concen: 51.134 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	312553		
111	101.7	81.6	122.4	
192	19.8	15.8	23.8	

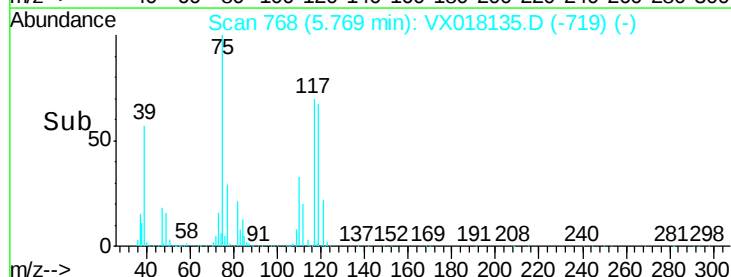
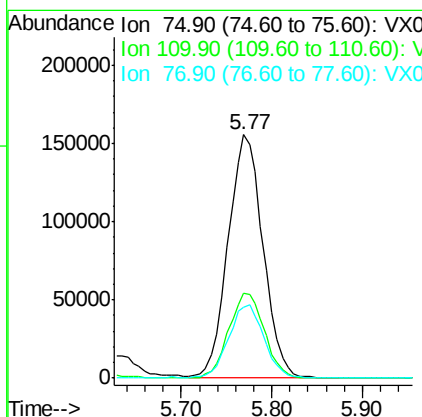
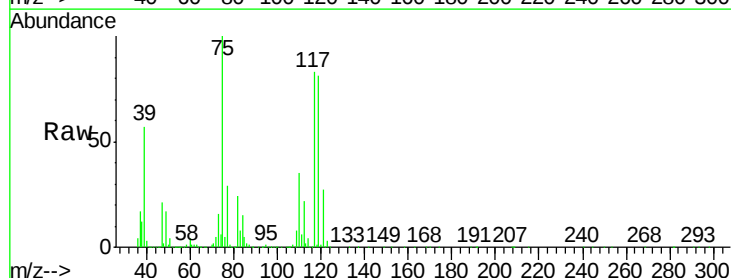
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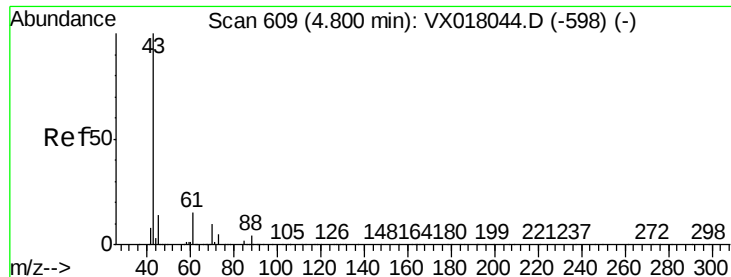
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#36
 1,1-Dichloropropene
 Concen: 49.801 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	412259		
110	35.8	18.0	54.0	
77	30.4	24.4	36.6	





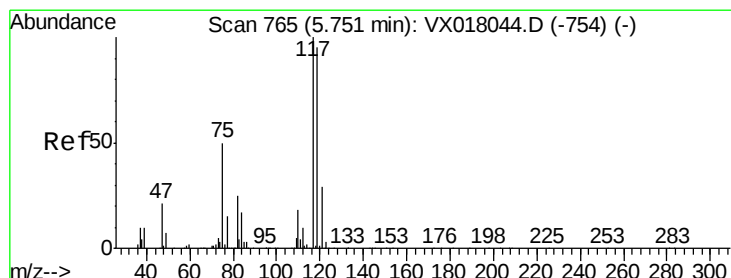
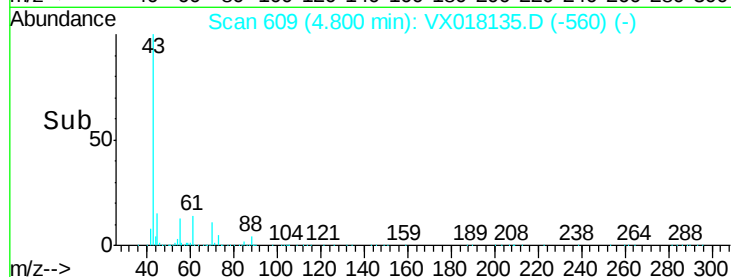
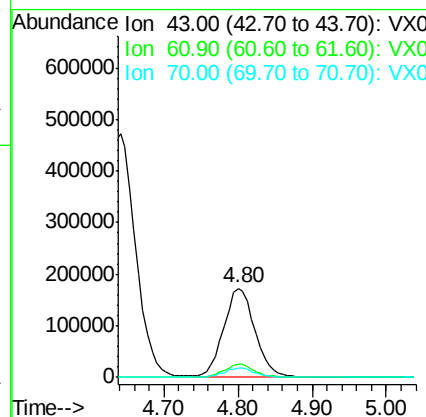
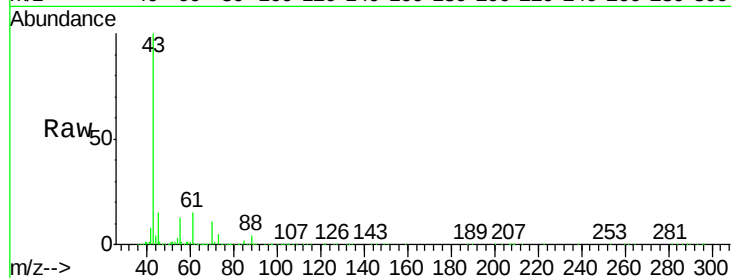
#37
Ethyl Acetate
Concen: 52.607 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion:	43	Resp:	505797
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.3	16.9
70	10.7	8.2	12.4

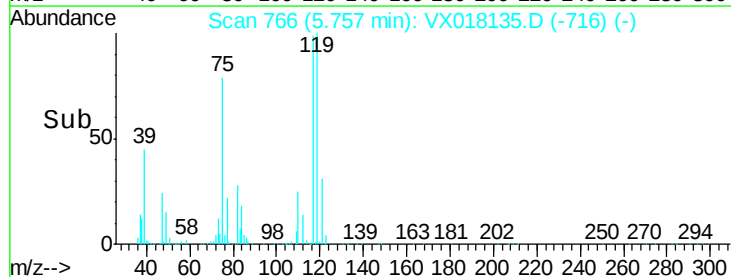
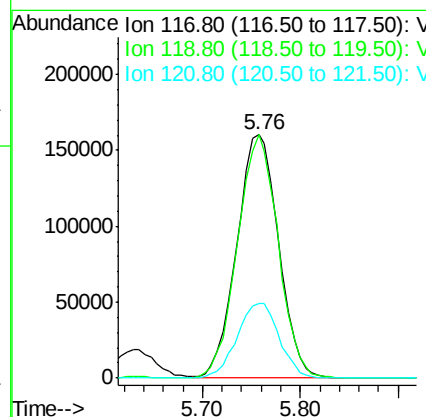
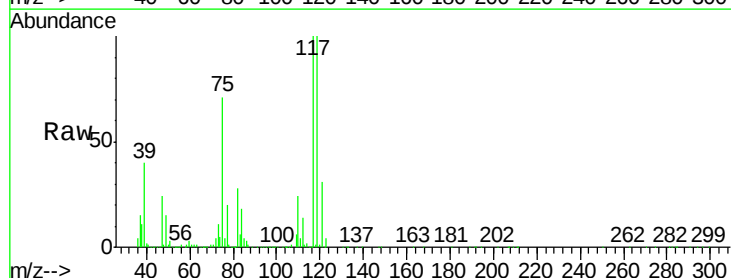
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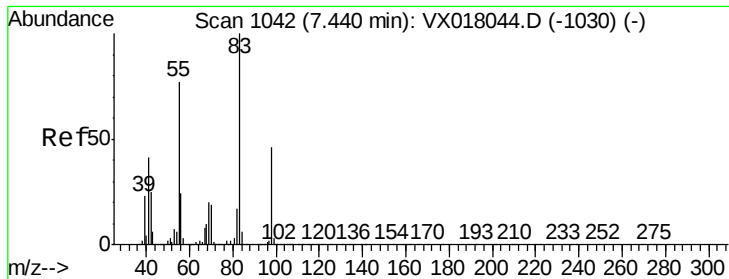
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.747 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion:	117	Resp:	473421
Ion Ratio	Lower	Upper	
117	100		
119	99.9	75.8	113.6
121	30.4	23.4	35.0





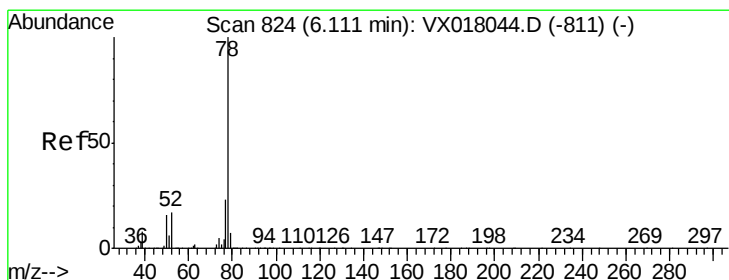
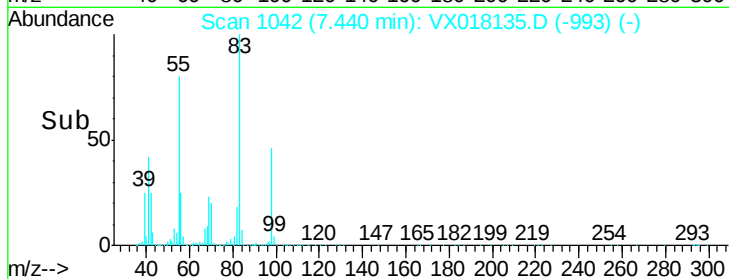
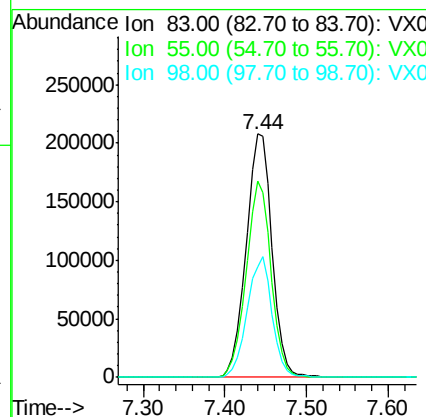
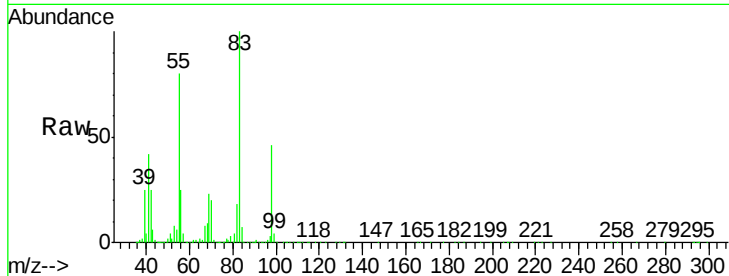
#39
Methvlcvclohexane
Concen: 50.507 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.8	92.6
98	45.5	36.6	55.0

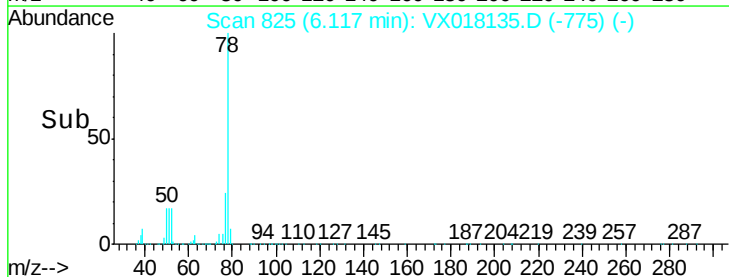
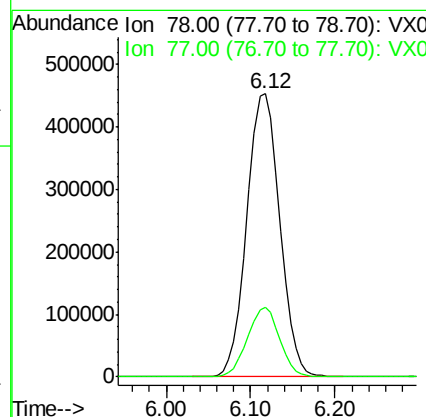
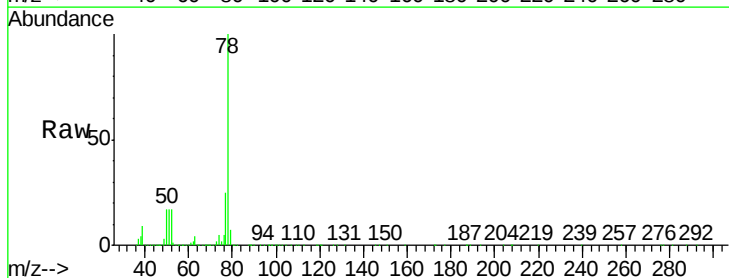
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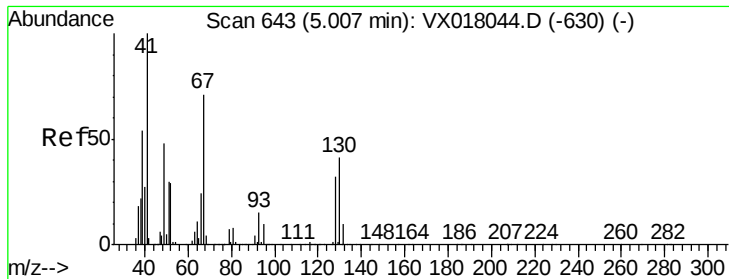
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#40
Benzene
Concen: 49.365 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.2	27.2





#41

Methacrylonitrile

Concen: 51.460 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

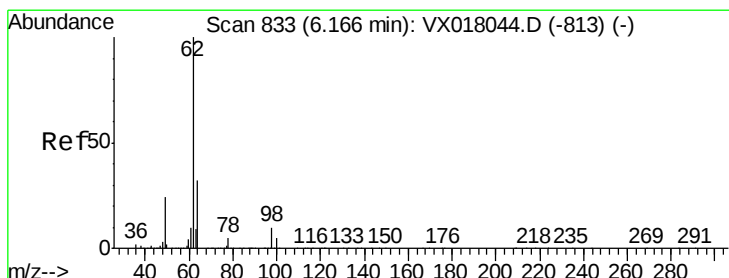
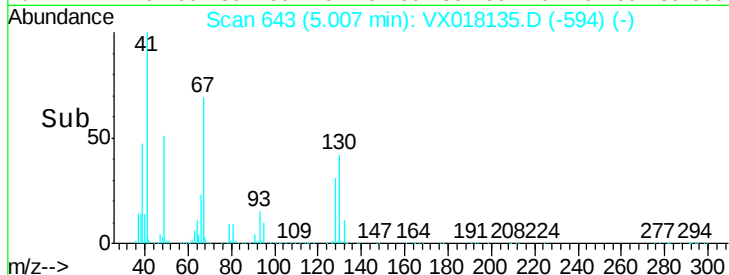
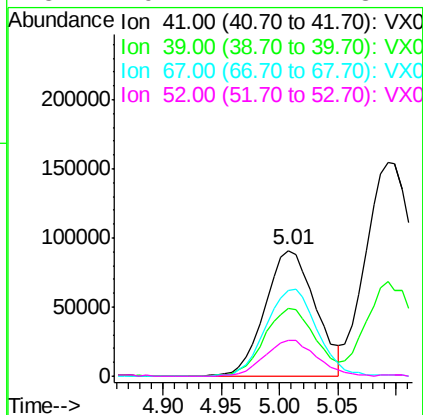
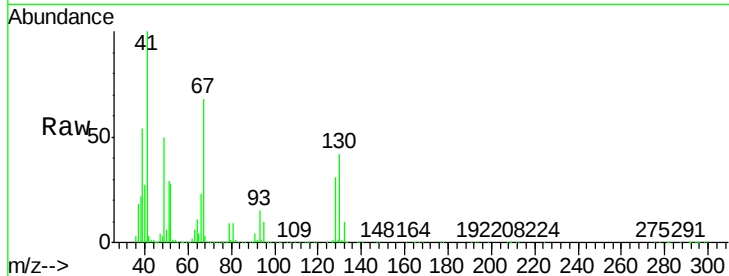
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
271664	41	100		
	39	54.0	43.1	64.7
	67	70.6	56.0	84.0
	52	29.1	22.7	34.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.044 ug/l

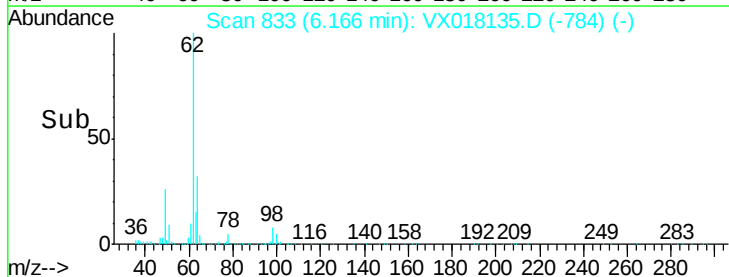
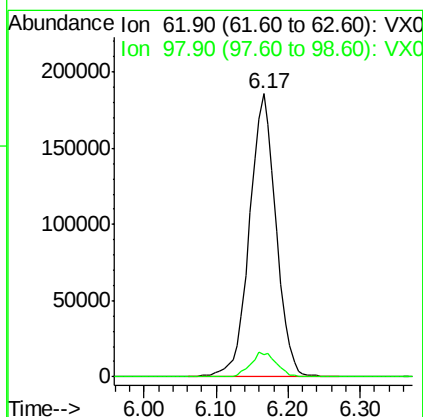
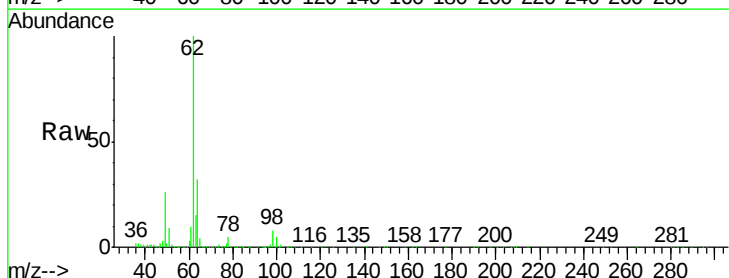
RT: 6.17 min Scan# 833

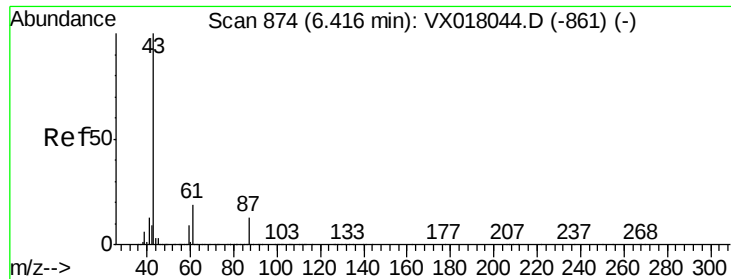
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion	Ion	Ratio	Lower	Upper
475708	62	100		
	98	8.5	0.0	18.2





#43

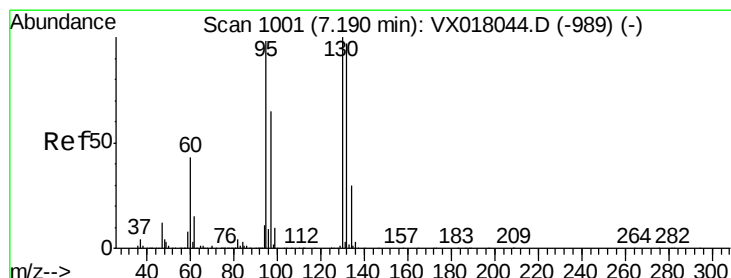
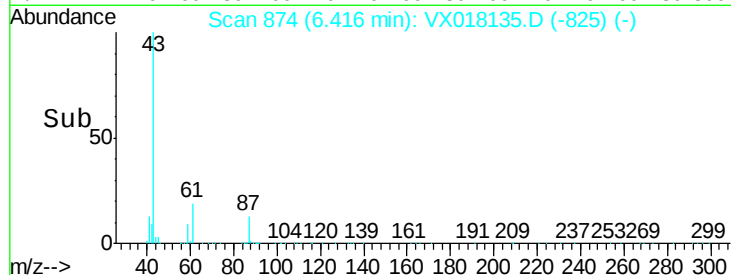
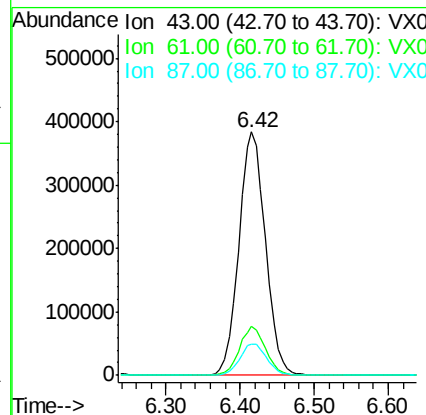
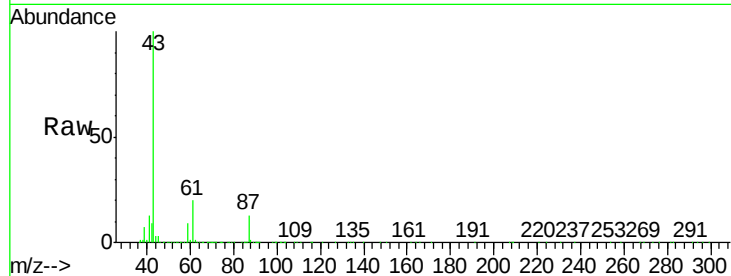
Isopropyl Acetate
 Concen: 61.461 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.7	23.5
87	13.2	10.3	15.5

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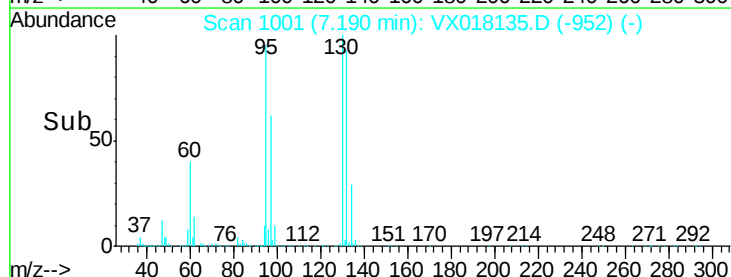
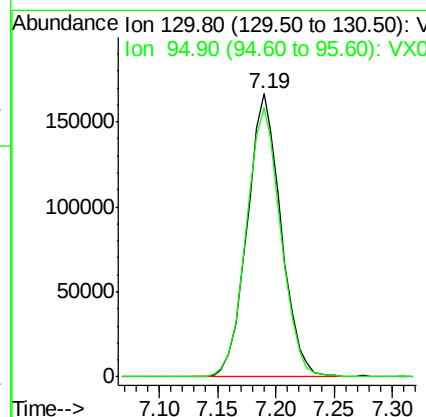
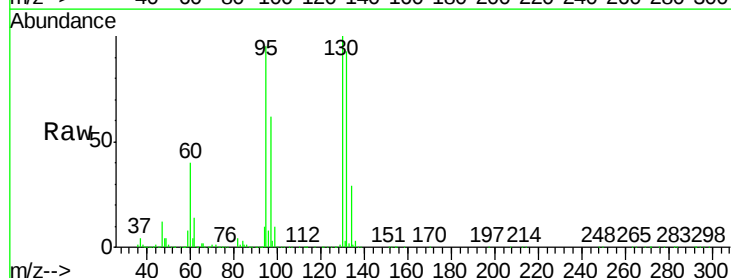
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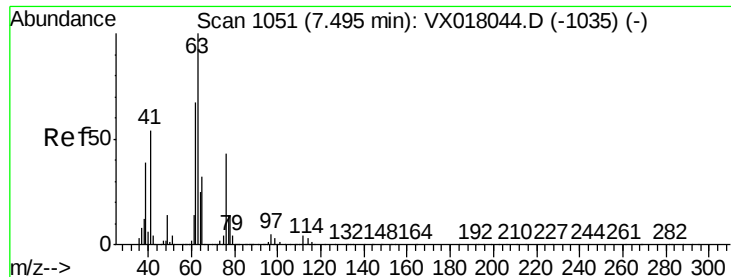


#44

Trichloroethene
 Concen: 48.992 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	196.4





#45

1,2-Dichloropropane

Concen: 50.328 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion: 63 Resp: 329941

Ion Ratio Lower Upper

63 100

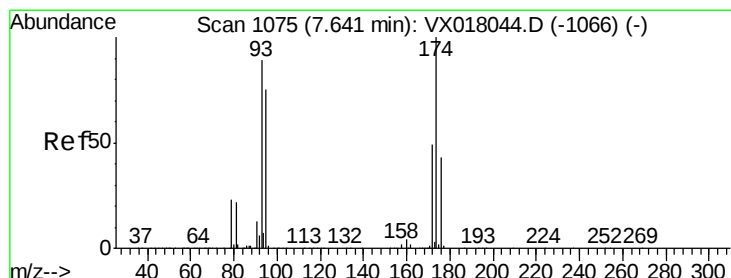
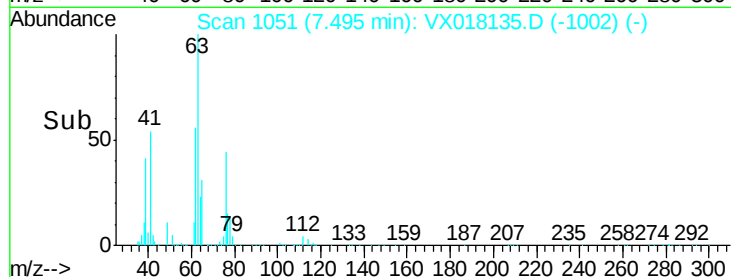
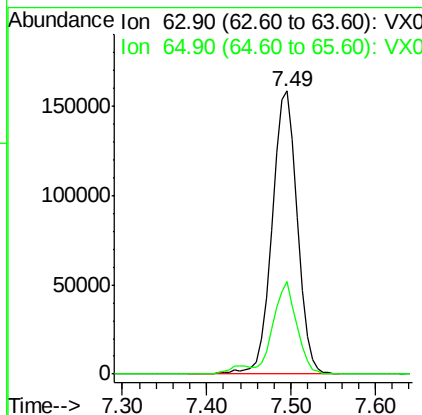
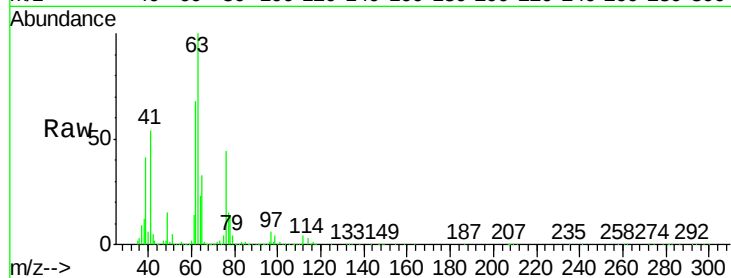
65 32.5 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 50.908 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

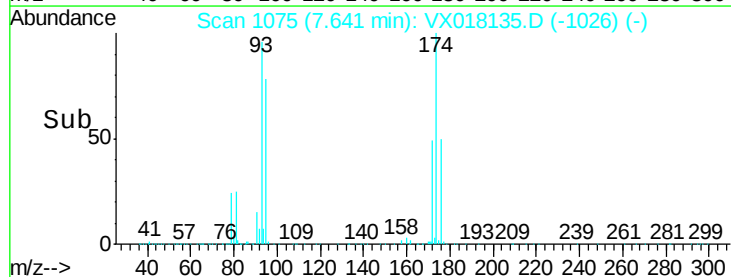
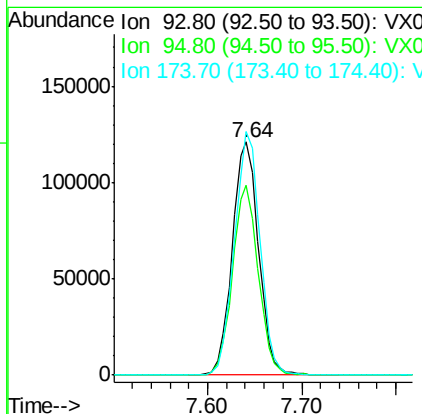
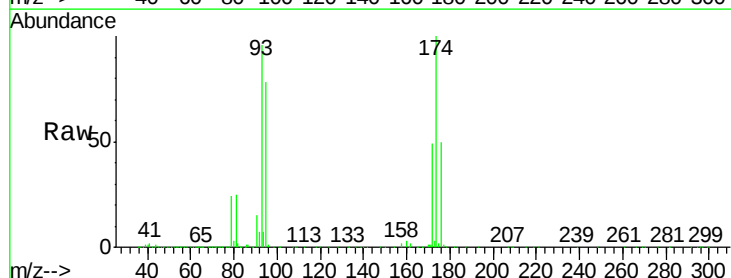
Tgt Ion: 93 Resp: 234693

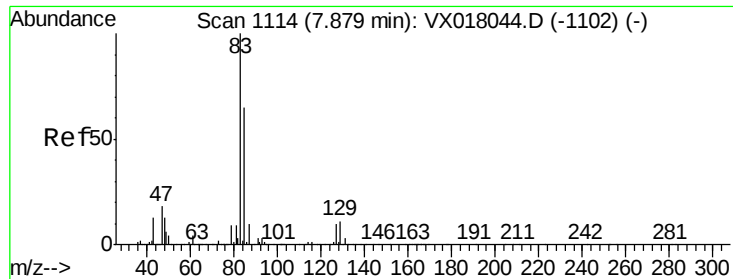
Ion Ratio Lower Upper

93 100

95 80.3 67.3 100.9

174 102.0 82.2 123.2





#47

Bromodichloromethane

Concen: 51.652 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

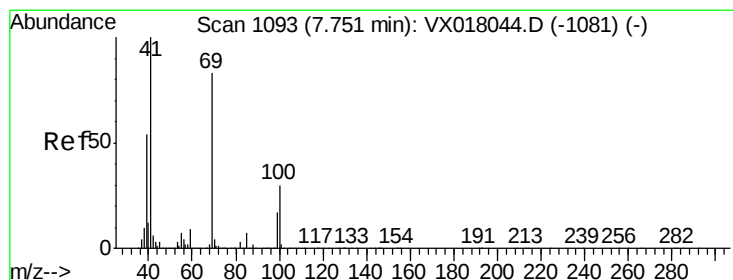
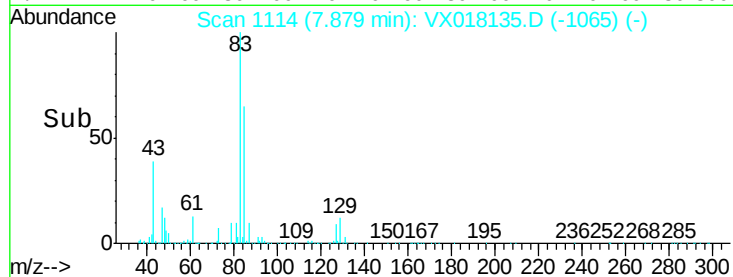
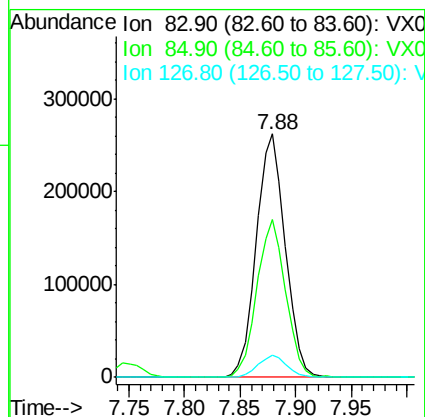
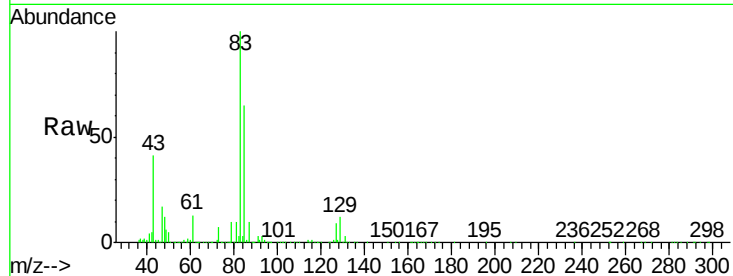
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:	83	Resp:	475464
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.8	77.6
127	8.8	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.805 ug/l

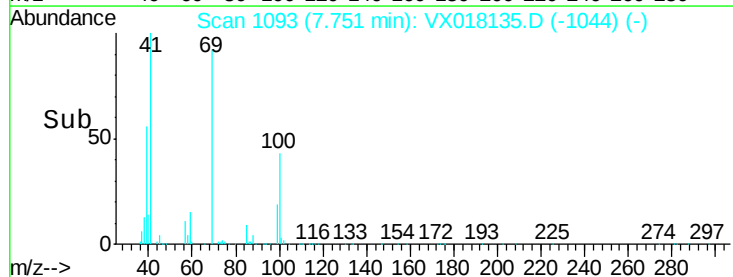
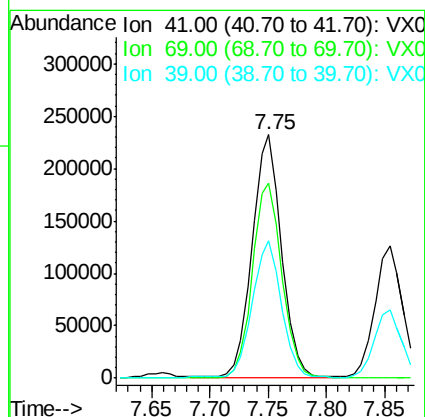
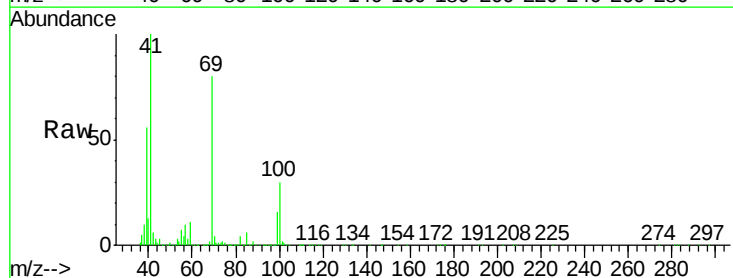
RT: 7.75 min Scan# 1093

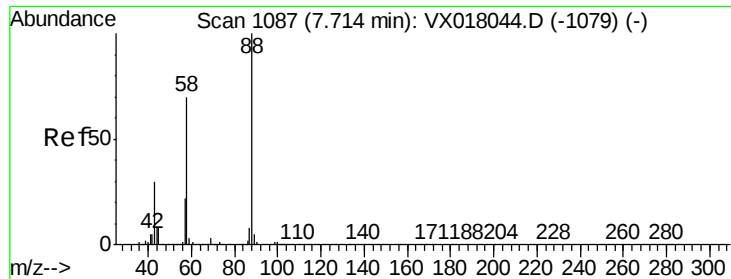
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion:	41	Resp:	408217
Ion Ratio	Lower	Upper	
41	100		
69	80.7	65.5	98.3
39	55.8	44.5	66.7





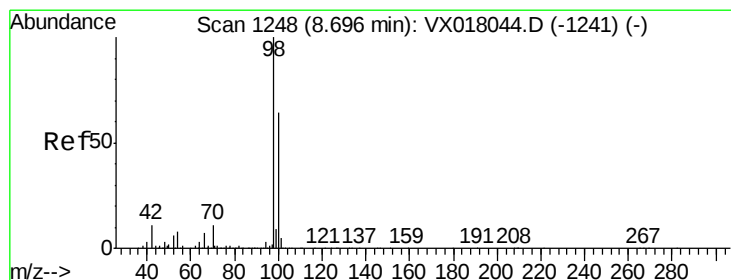
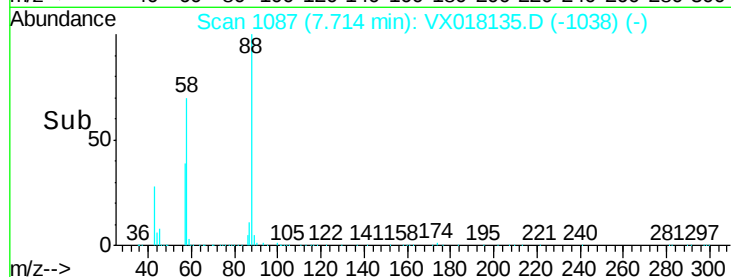
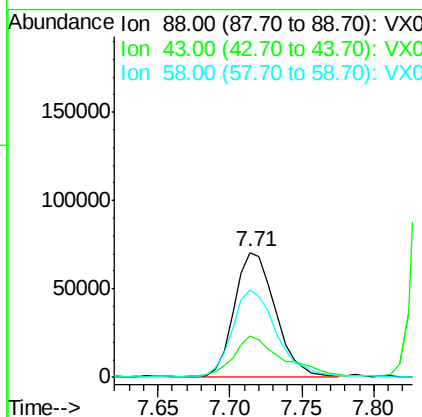
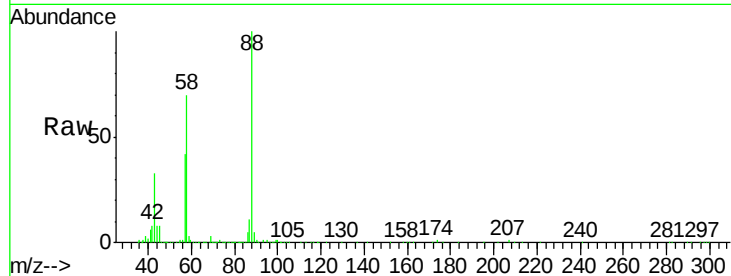
#49
1,4-Dioxane
Concen: 1001.705 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	76.5	56.4	84.6

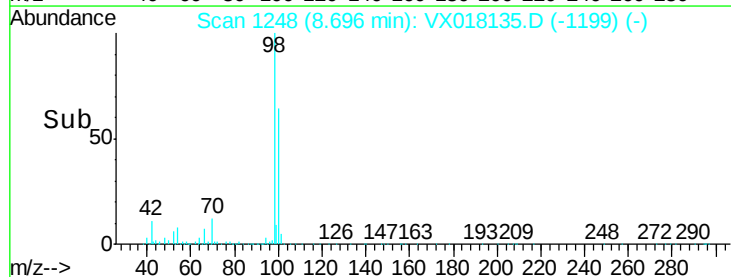
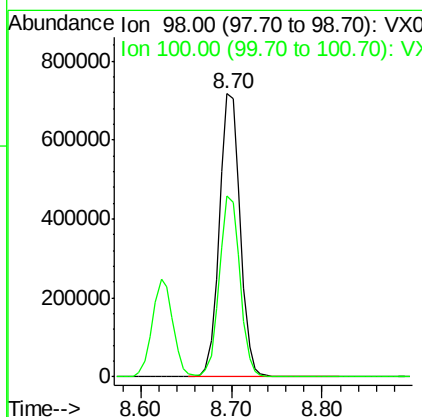
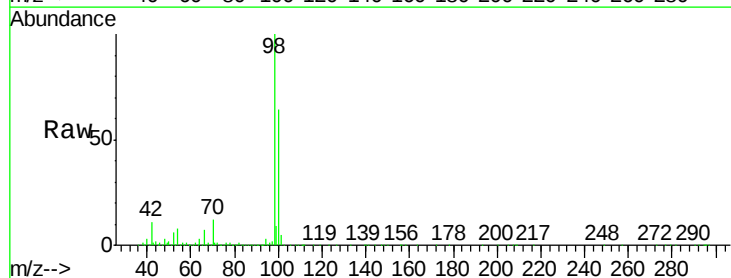
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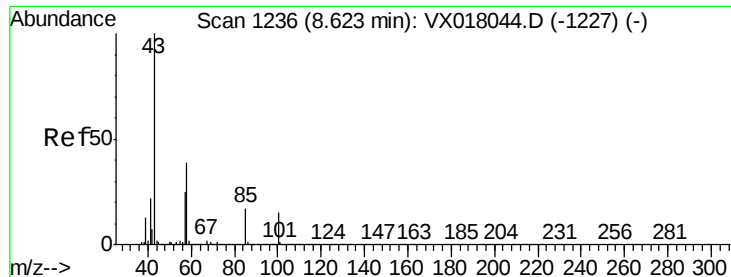
MMDadoda
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#50
Toluene-d8
Concen: 50.306 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.4





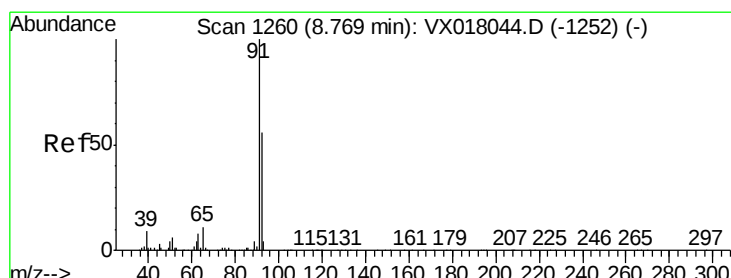
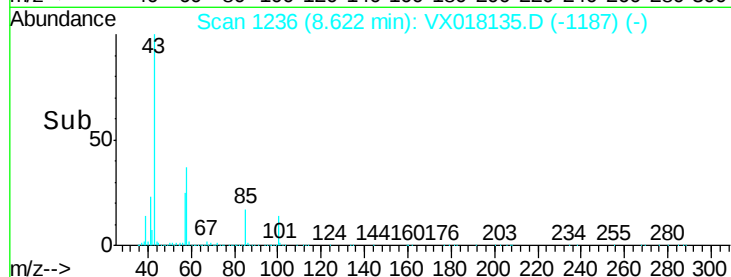
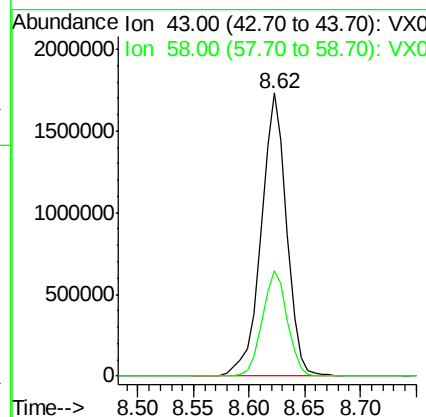
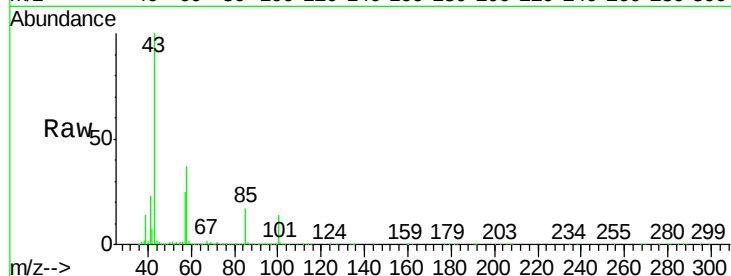
#51
4-Methyl-2-Pentanone
Concen: 288.155 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion: 43 Resp: 2764152
Ion Ratio Lower Upper
43 100
58 36.5 30.7 46.1

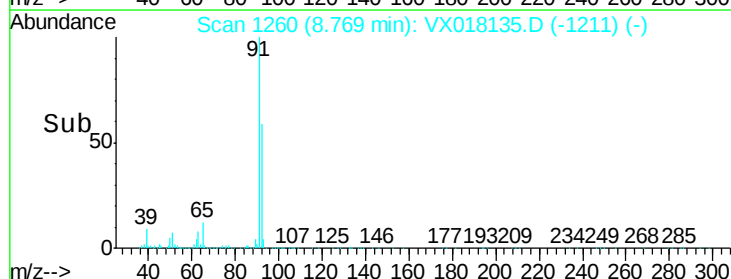
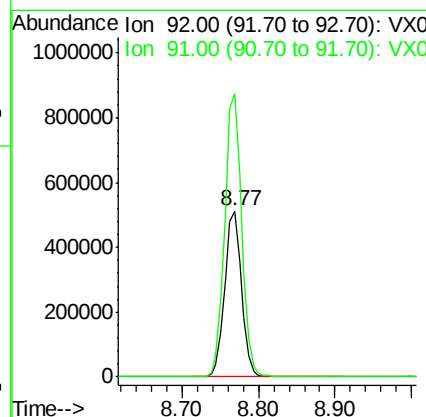
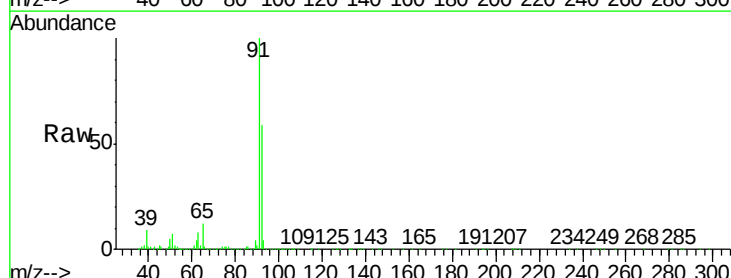
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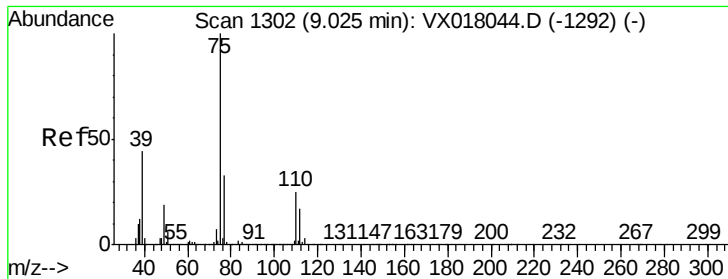
MMDadoda
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#52
Toluene
Concen: 50.339 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion: 92 Resp: 776432
Ion Ratio Lower Upper
92 100
91 172.8 140.3 210.5





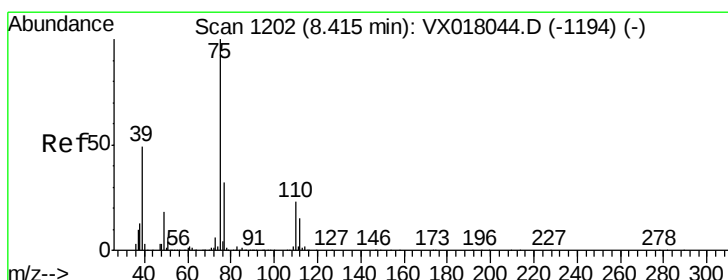
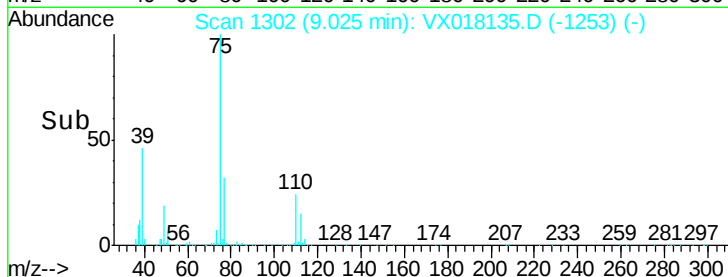
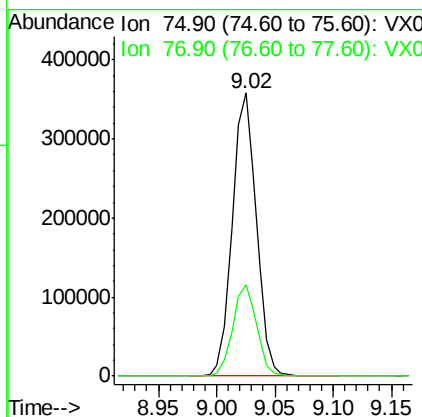
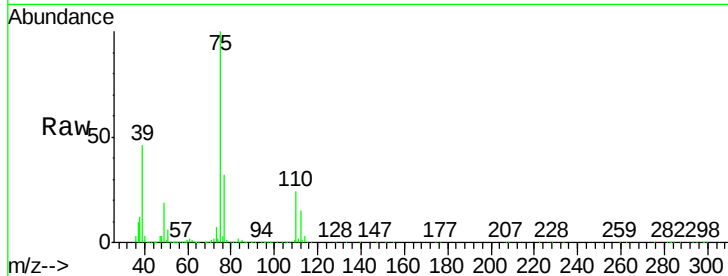
#53
t-1,3-Dichloropropene
Concen: 50.637 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.6	39.8

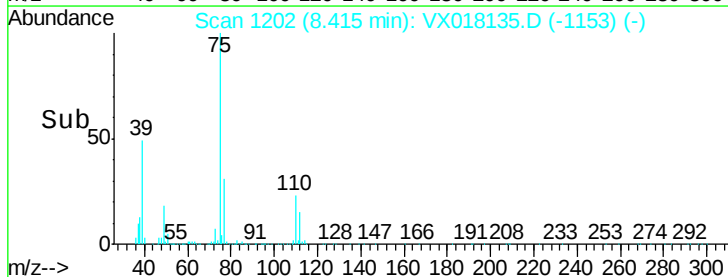
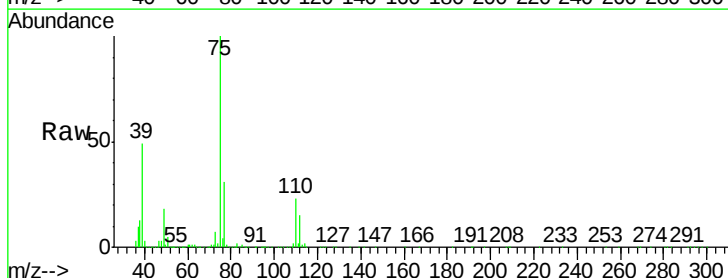
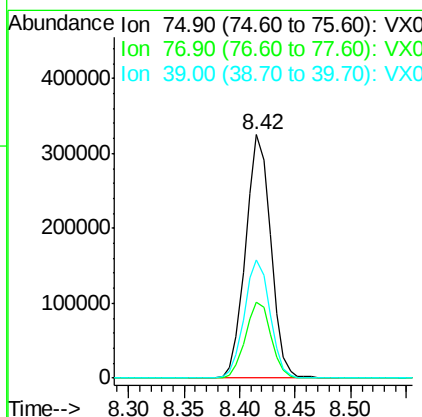
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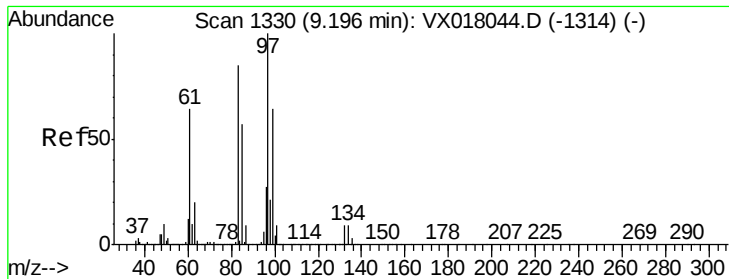
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#54
cis-1,3-Dichloropropene
Concen: 47.471 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.8
39	48.5	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 50.920 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

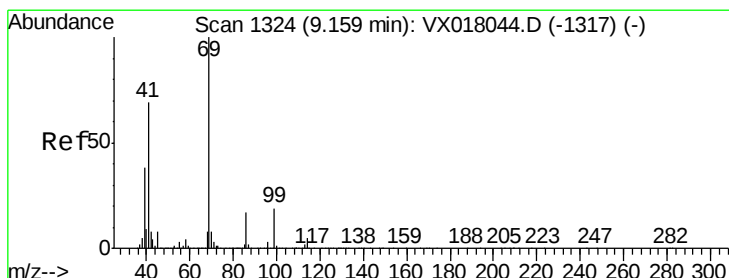
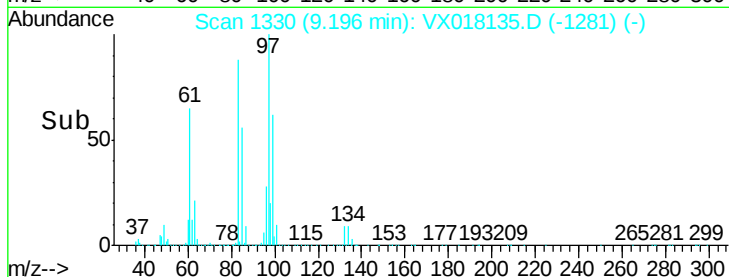
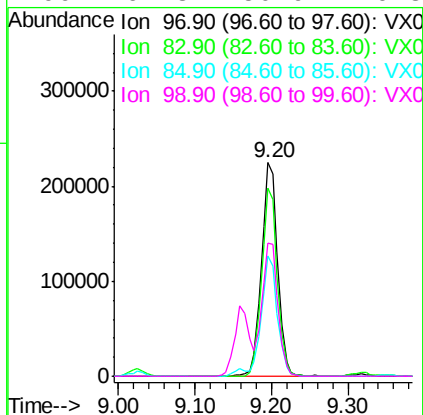
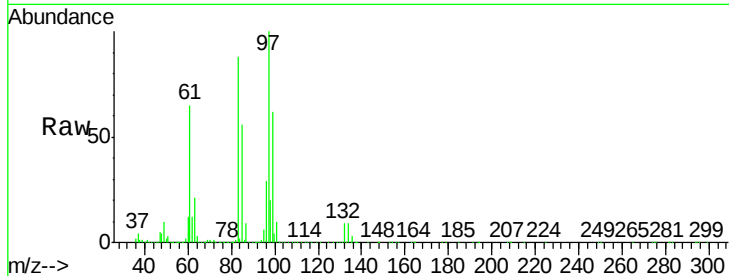
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		334965		
83	87.8	67.8	101.6		
85	56.5	45.3	67.9		
99	62.3	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 53.674 ug/l

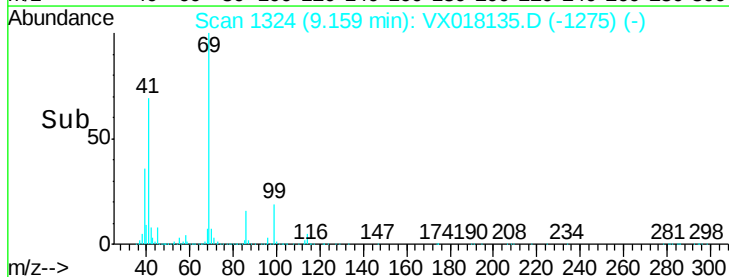
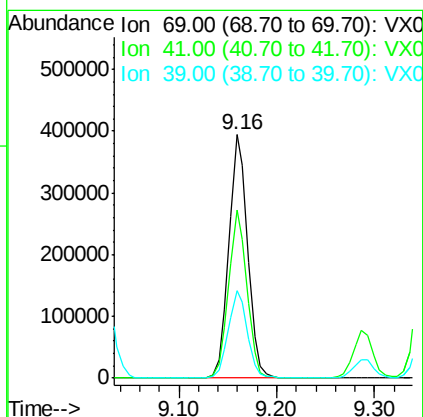
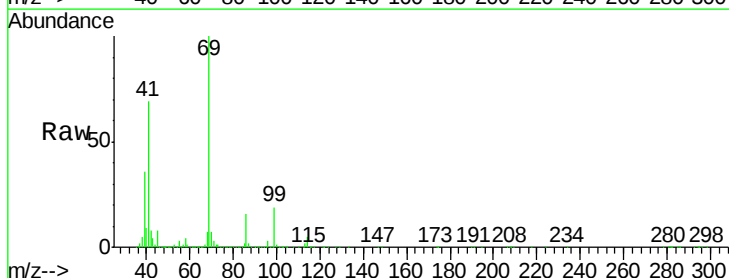
RT: 9.16 min Scan# 1324

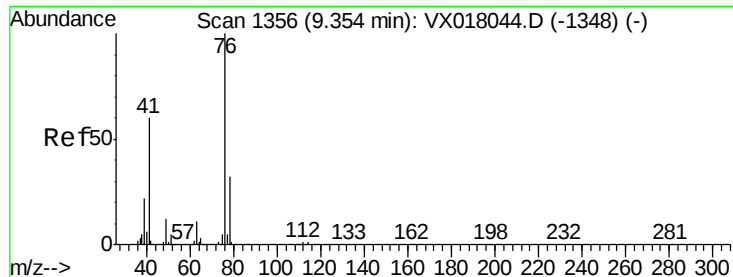
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		524888		
41	67.5	54.6	81.8		
39	36.2	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 51.709 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion: 76 Resp: 561034

Ion Ratio Lower Upper

76 100

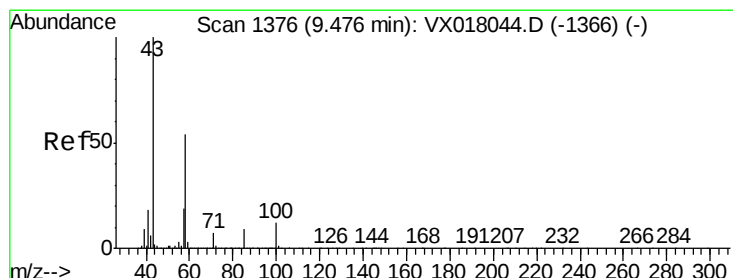
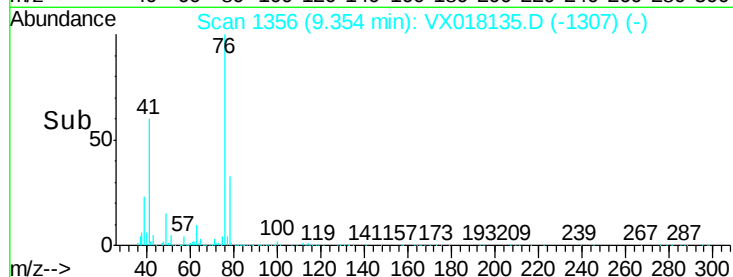
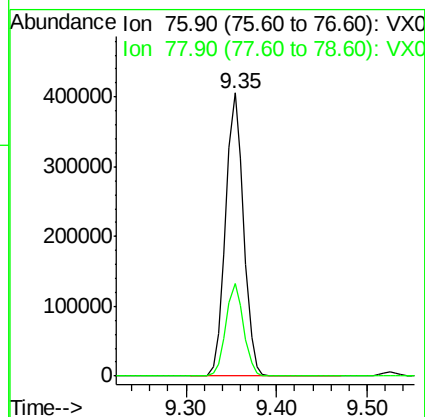
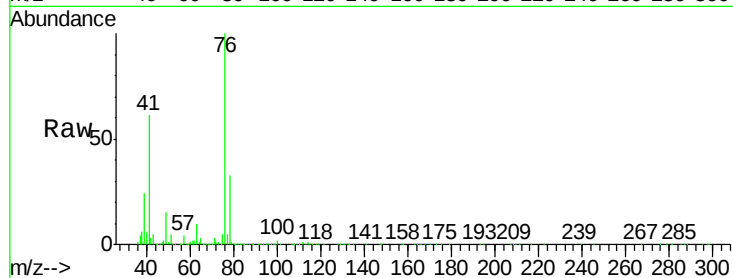
78 32.4 25.8 38.6

Manual Integrations

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#59

2-Hexanone

Concen: 280.525 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018135.D

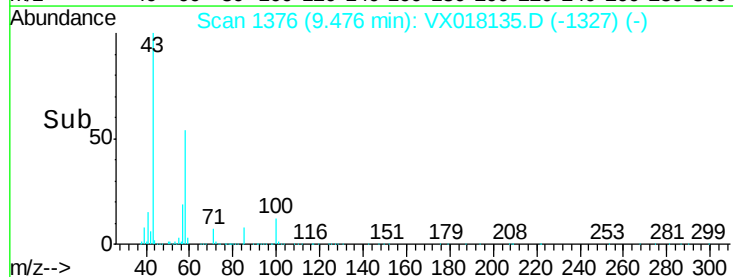
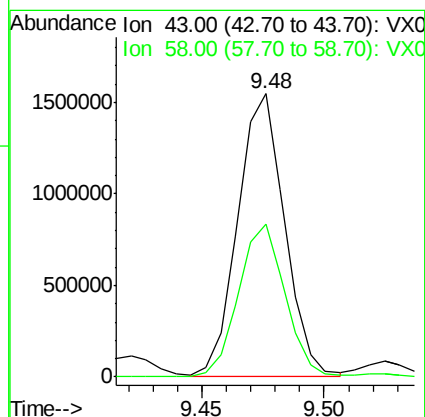
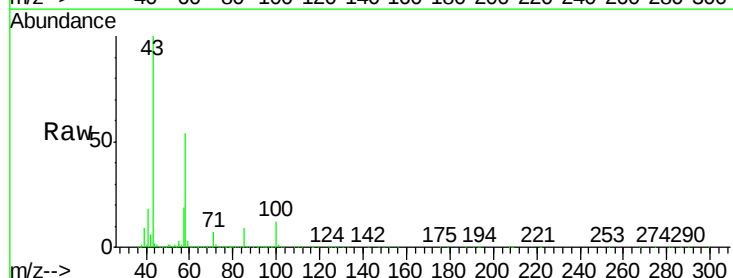
Acq: 28 Aug 2020 20:52

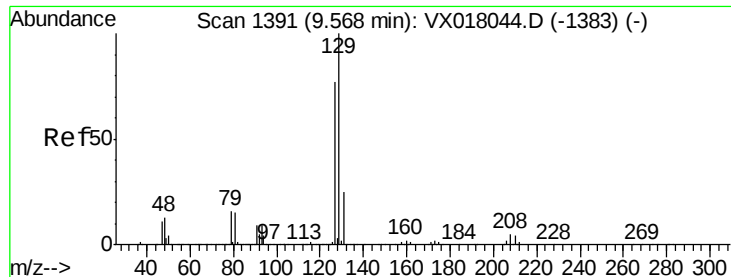
Tgt Ion: 43 Resp: 2046164

Ion Ratio Lower Upper

43 100

58 53.9 26.6 79.7





#60

Dibromochloromethane

Concen: 53.631 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:129 Resp: 413866

Ion Ratio Lower Upper

129 100

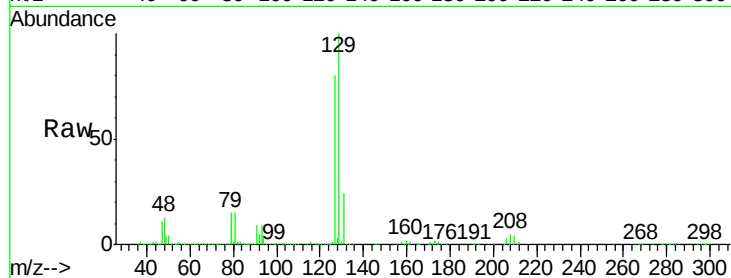
127 77.6 38.9 116.6

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

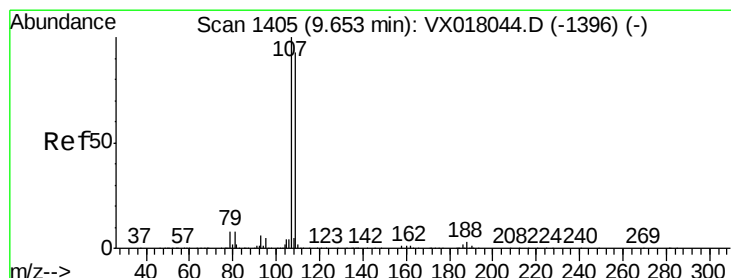
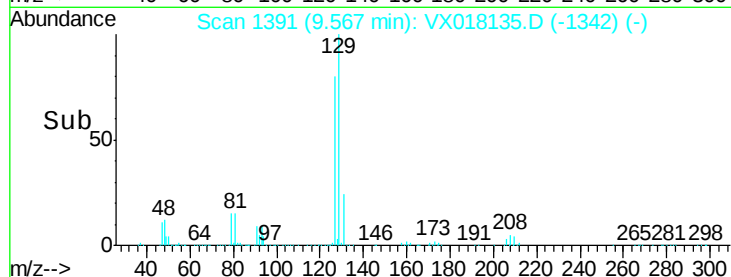
300000

200000

100000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.129 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018135.D

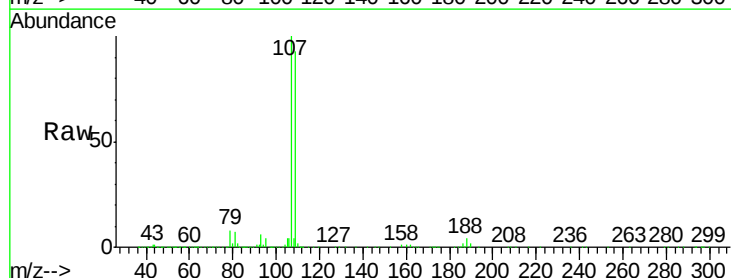
Acq: 28 Aug 2020 20:52

Tgt Ion:107 Resp: 372292

Ion Ratio Lower Upper

107 100

109 94.2 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

300000

250000

200000

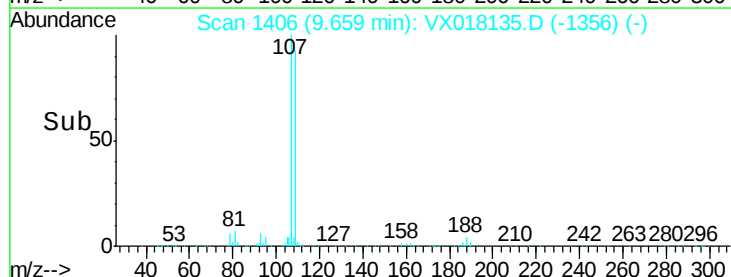
150000

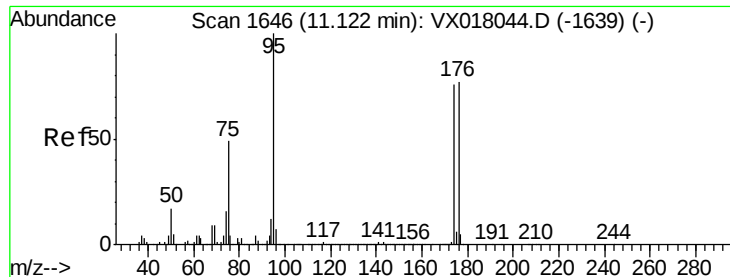
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.770 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

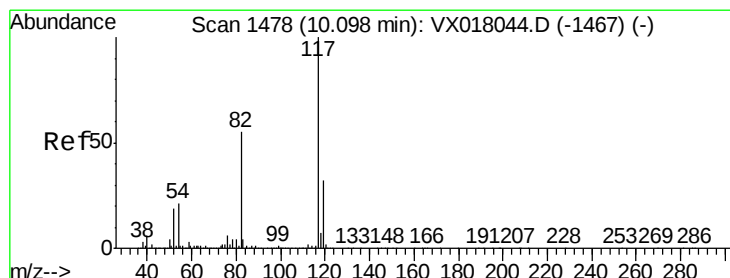
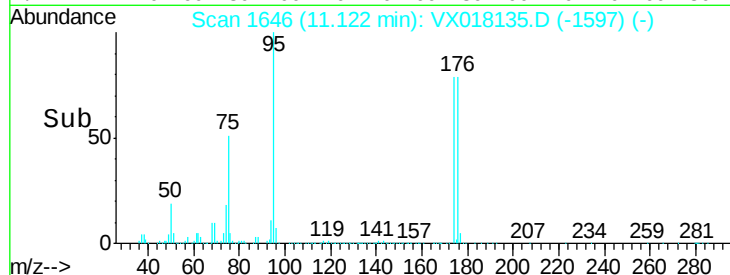
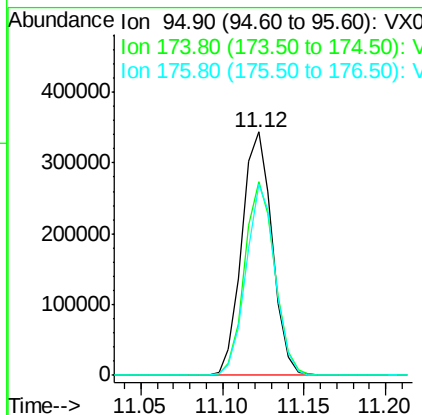
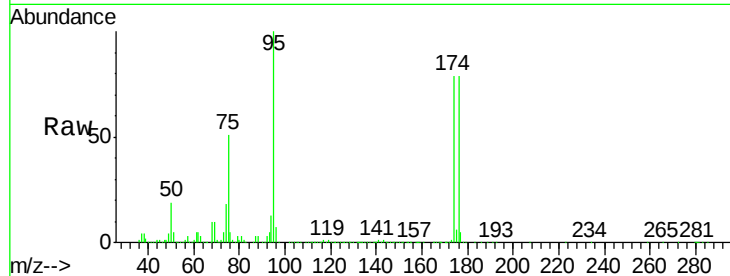
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:	95	Resp:	445794
Ion Ratio	Lower	Upper	
95	100		
174	78.9	0.0	160.2
176	75.4	0.0	155.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

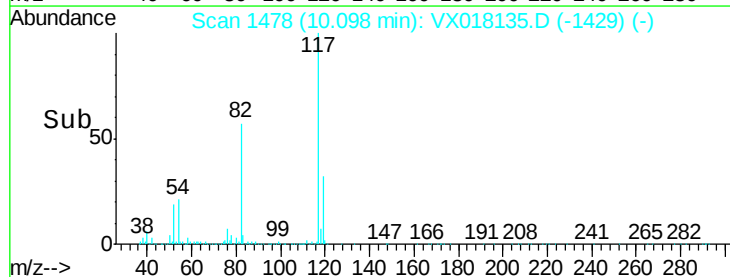
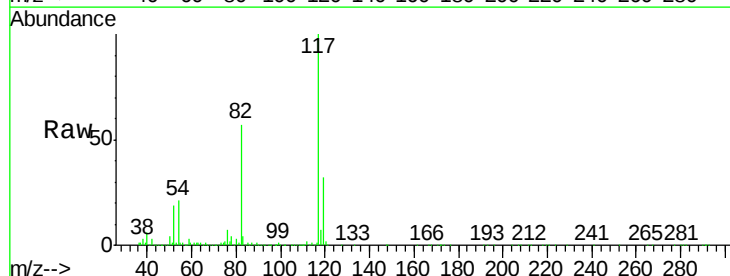
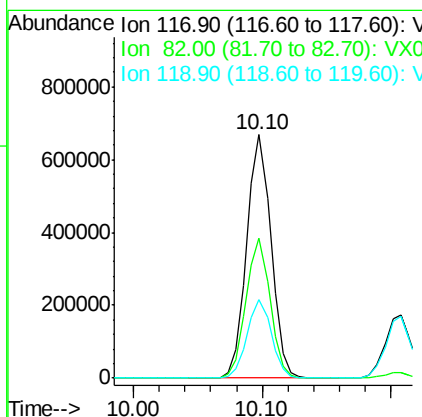
RT: 10.10 min Scan# 1478

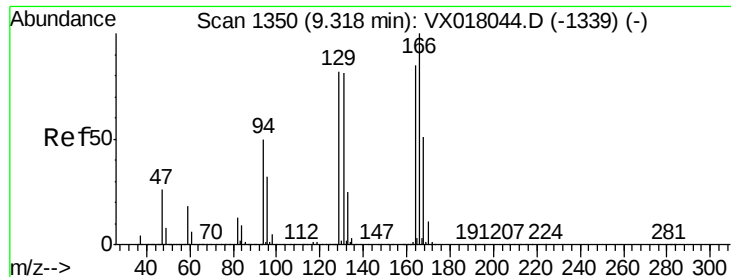
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion:	117	Resp:	870306
Ion Ratio	Lower	Upper	
117	100		
82	57.3	44.2	66.2
119	32.3	25.7	38.5





#64

Tetrachloroethene

Concen: 47.878 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

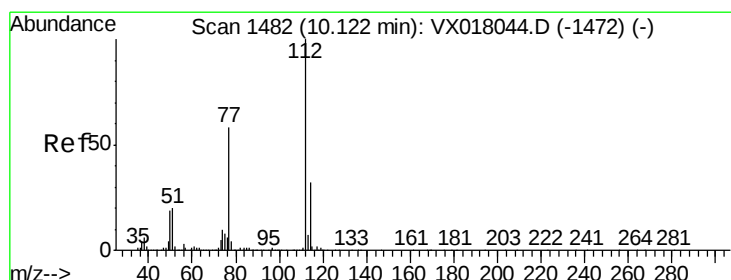
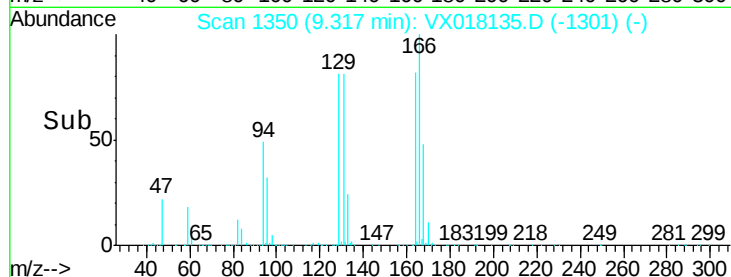
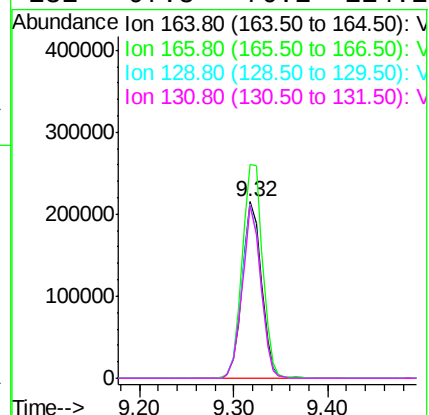
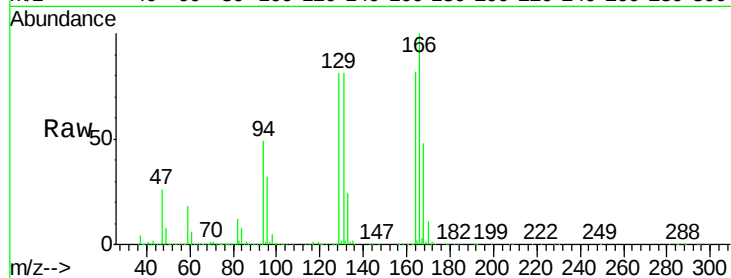
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	121.2	94.2	141.2	
129	98.7	76.9	115.3	
131	97.8	76.1	114.1	

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#65

Chlorobenzene

Concen: 51.193 ug/l

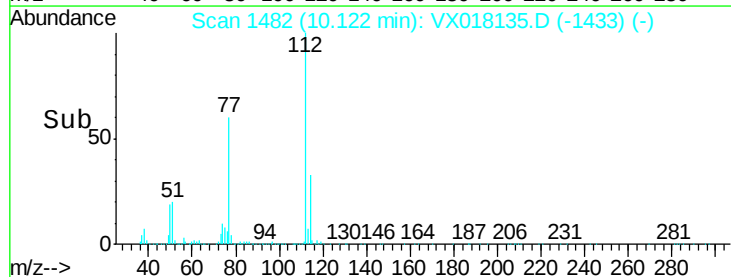
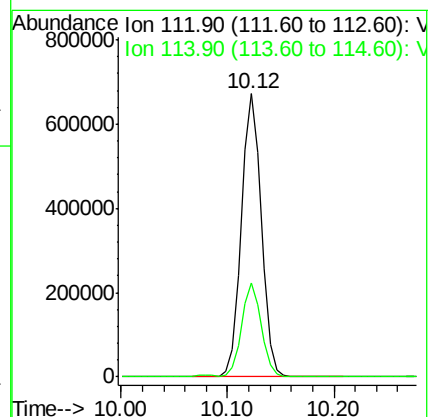
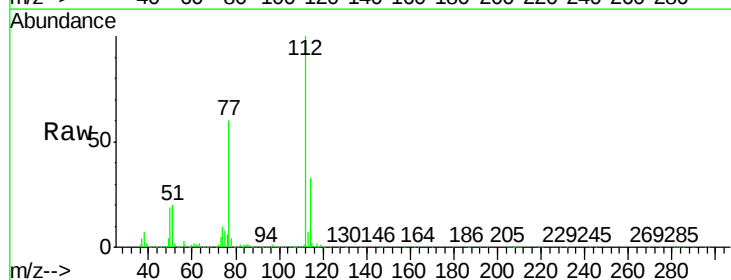
RT: 10.12 min Scan# 1482

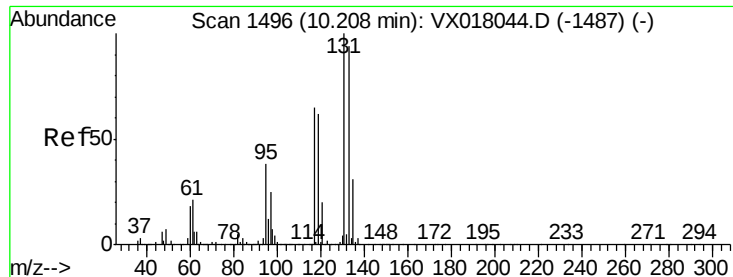
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.9	25.7	38.5	





#66

1,1,1,2-Tetrachloroethane

Concen: 52.258 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

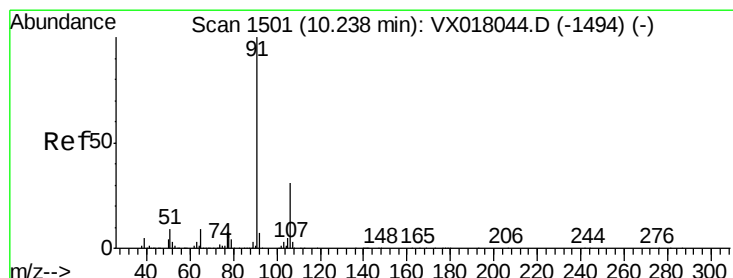
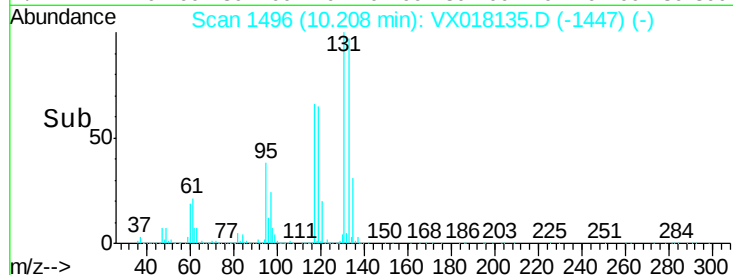
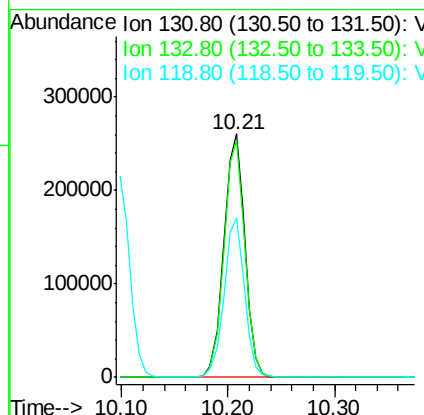
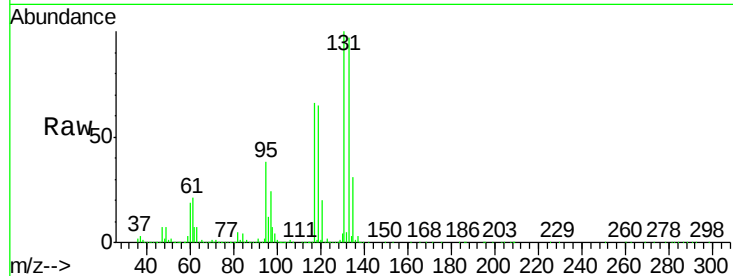
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:	131	Resp:	358007
Ion Ratio	Lower	Upper	
131	100		
133	96.3	46.7	140.1
119	64.1	31.8	95.4

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#67

Ethyl Benzene

Concen: 51.751 ug/l

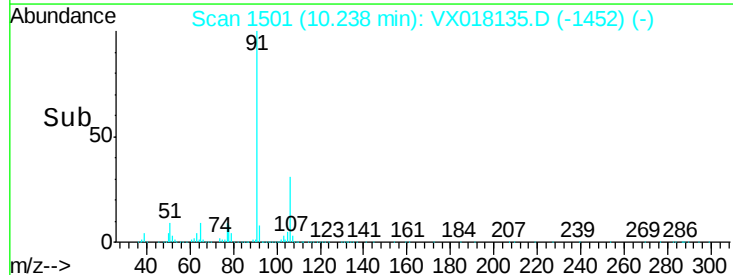
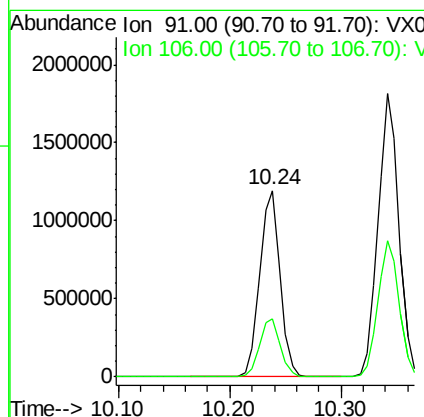
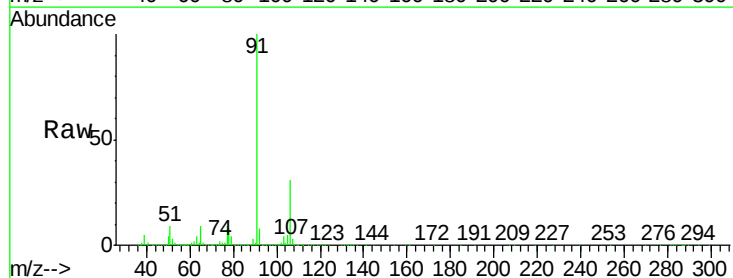
RT: 10.24 min Scan# 1501

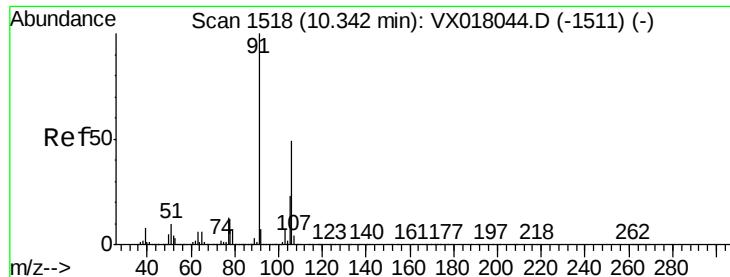
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion:	91	Resp:	1529727
Ion Ratio	Lower	Upper	
91	100		
106	31.3	24.9	37.3





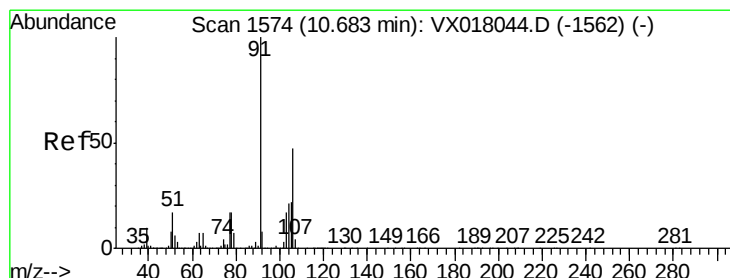
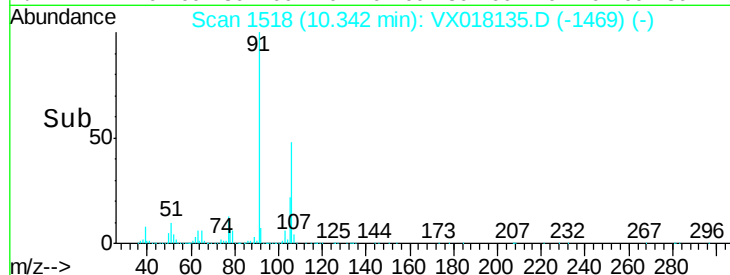
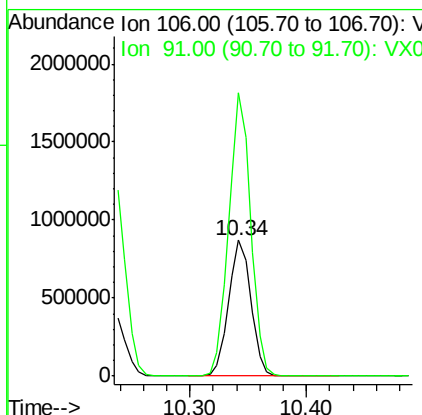
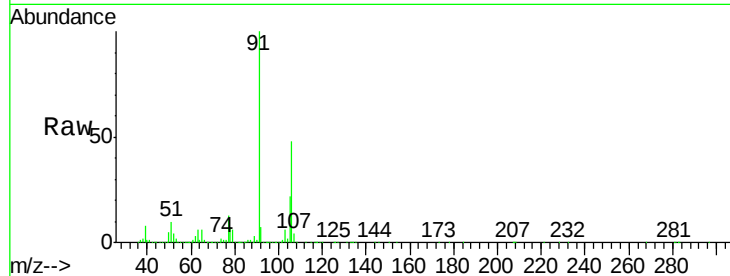
#68
m/p-Xvlenes
Concen: 105.466 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion:106 Resp: 1163606
Ion Ratio Lower Upper
106 100
91 204.4 162.2 243.2

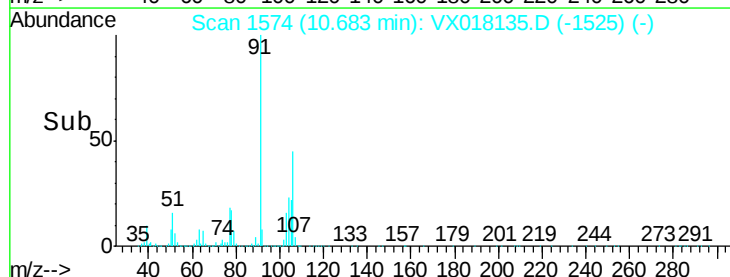
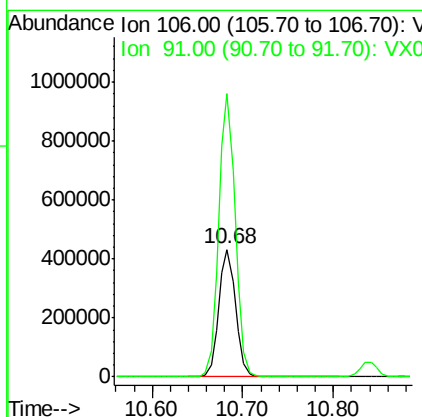
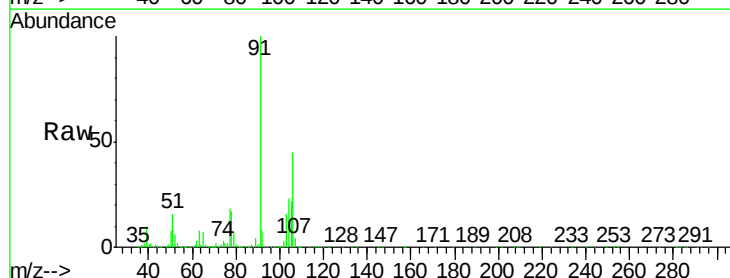
Manual Integrations
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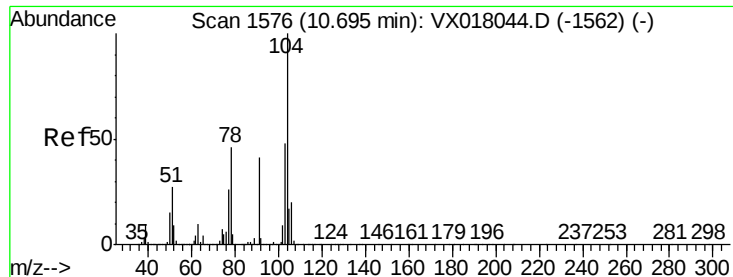
MMDadoda
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#69
o-Xylene
Concen: 52.459 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion:106 Resp: 561073
Ion Ratio Lower Upper
106 100
91 217.2 107.1 321.3





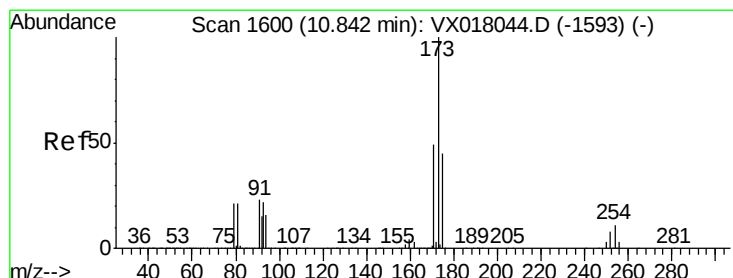
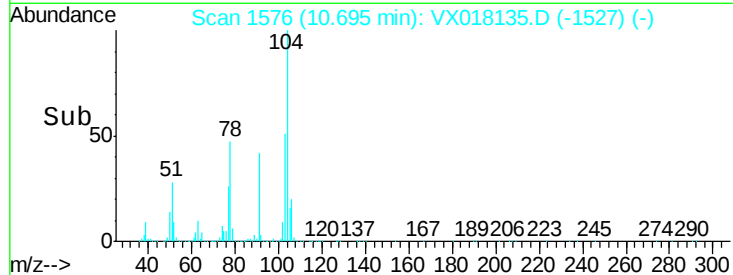
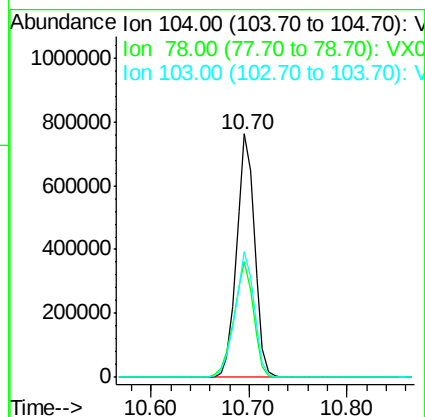
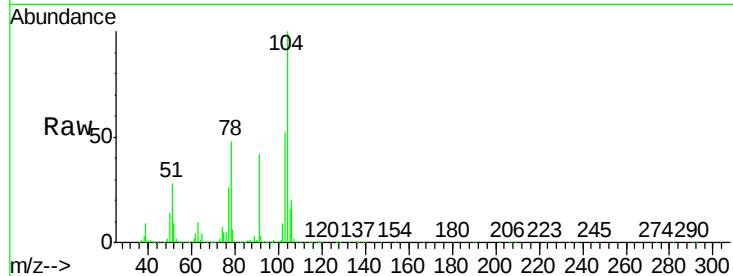
#70
Stvrene
Concen: 53.413 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		972867		
78	51.7		40.9	61.3	
103	55.1		43.6	65.4	

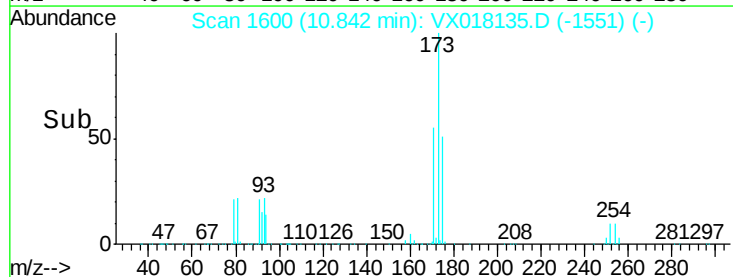
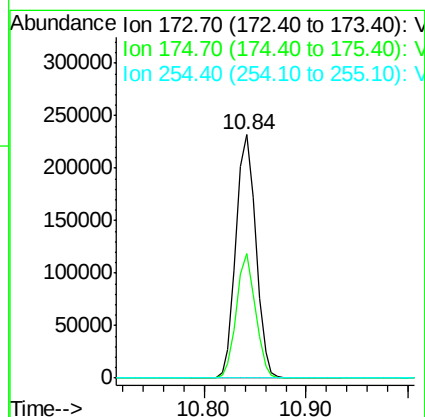
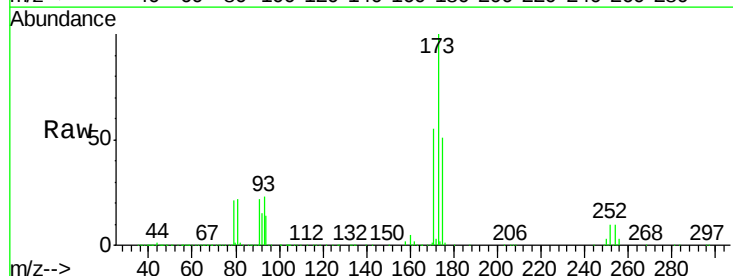
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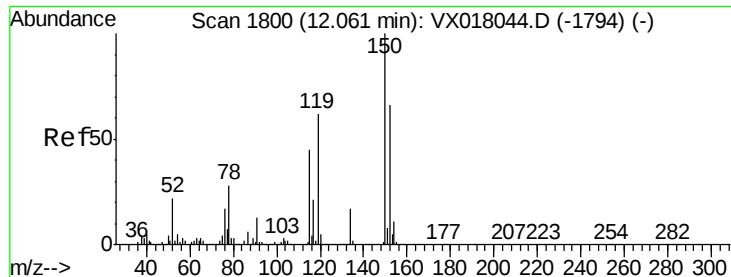
MMDadoda
8/31/2020 8:58:05 AM



#71
Bromoform
Concen: 53.341 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	100		311697		
175	48.7		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: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

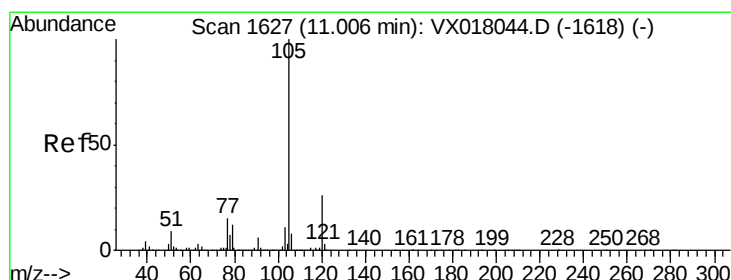
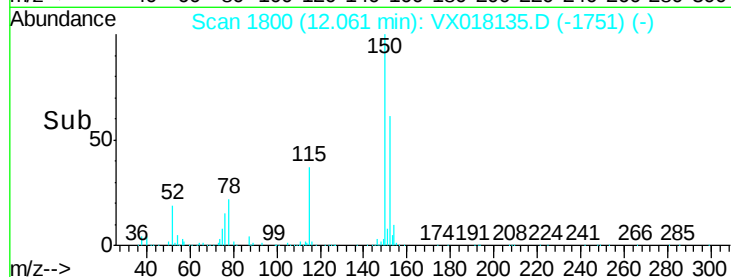
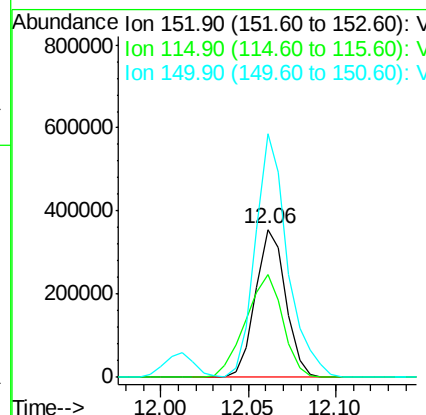
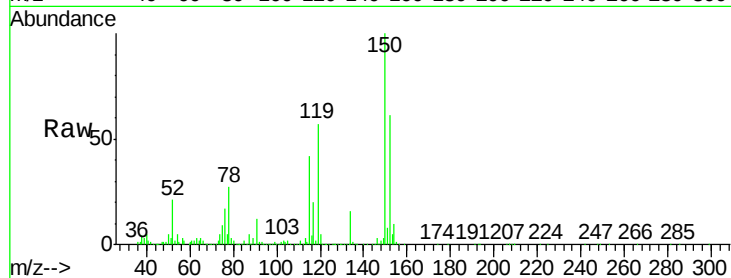
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:	152	Resp:	428038
Ion Ratio	Lower	Upper	
152	100		
115	84.8	41.5	124.5
150	174.8	0.0	343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 52.995 ug/l

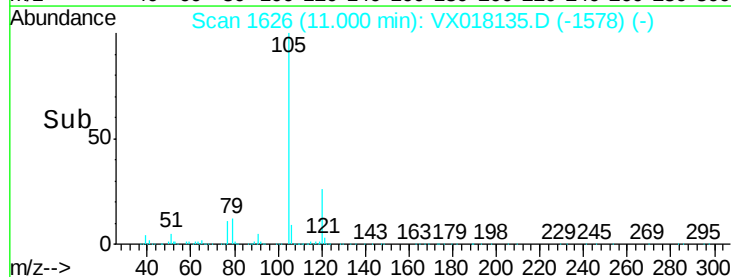
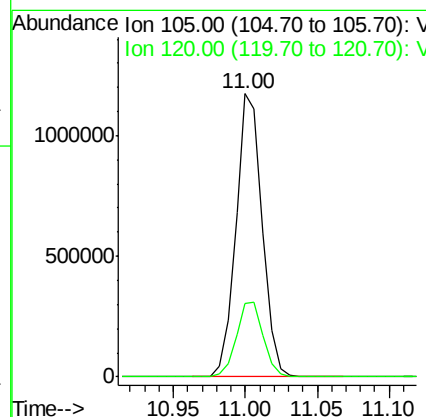
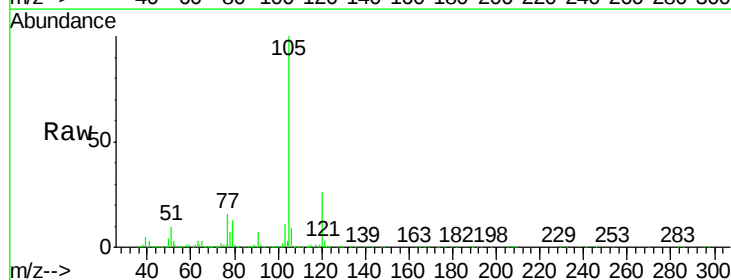
RT: 11.00 min Scan# 1626

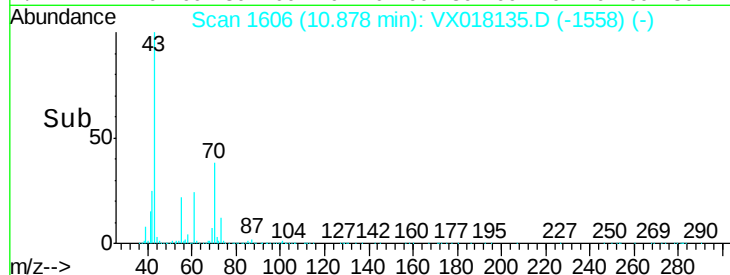
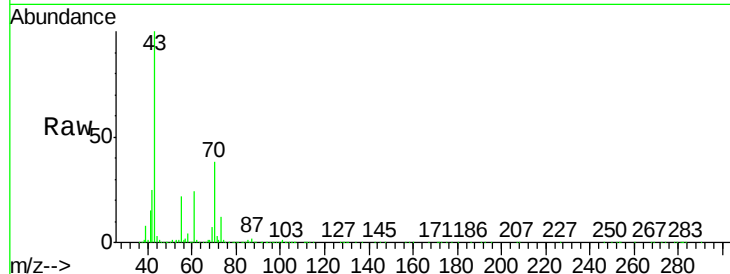
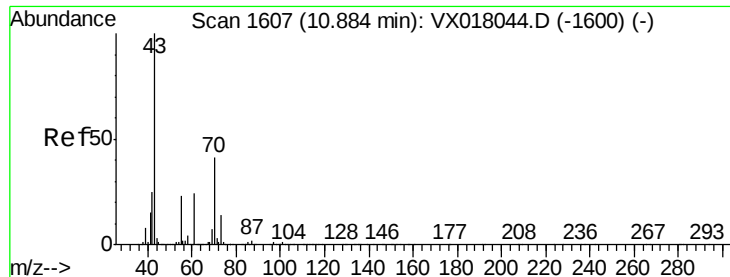
Delta R.T. -0.01 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion:	105	Resp:	1496246
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.2	39.5





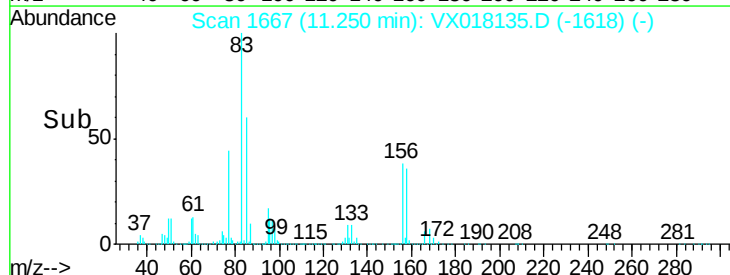
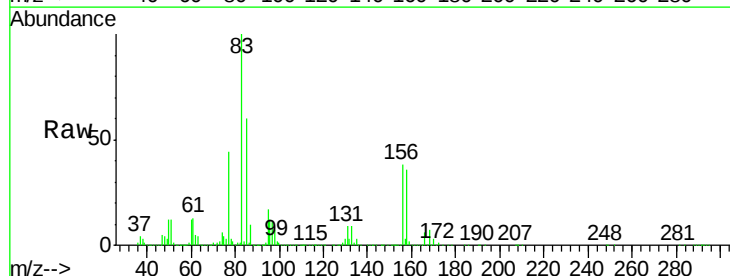
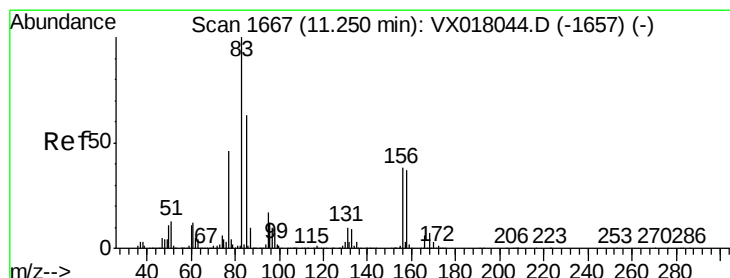
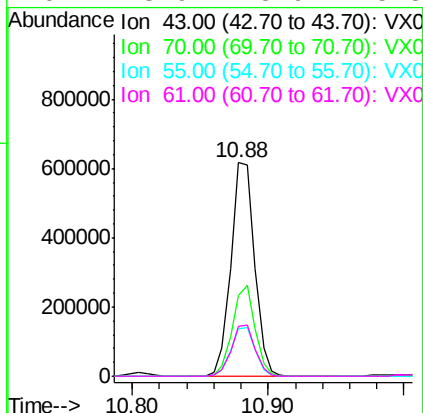
#74
N-amvl acetate
Concen: 55.916 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tot Ion	Ratio	Lower	Upper
43	100		
70	40.6	32.3	48.5
55	23.4	18.2	27.2
61	23.9	18.9	28.3

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

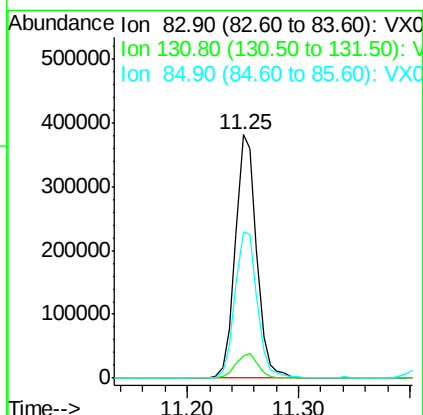
Manual Integrations
APPROVED

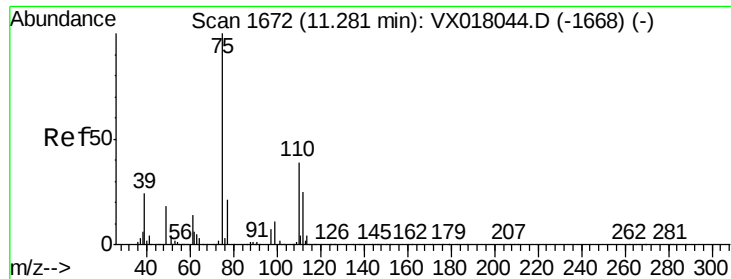
MMDadoda
8/31/2020 8:58:05 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 50.561 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.4
85	63.2	32.2	96.6





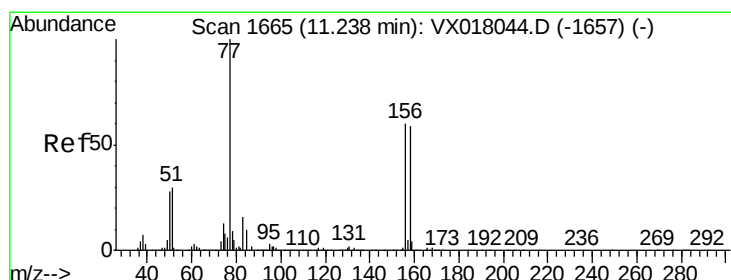
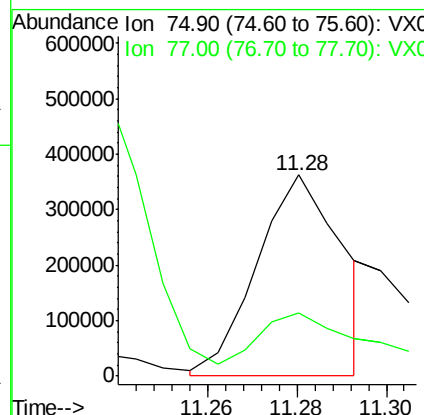
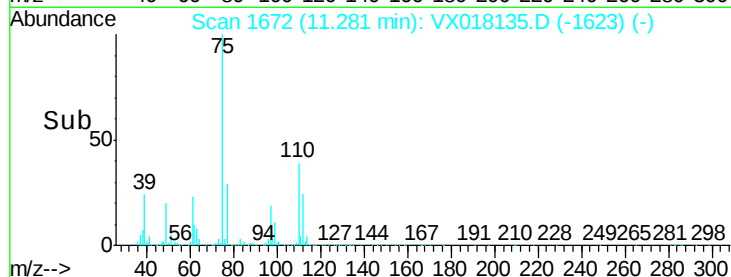
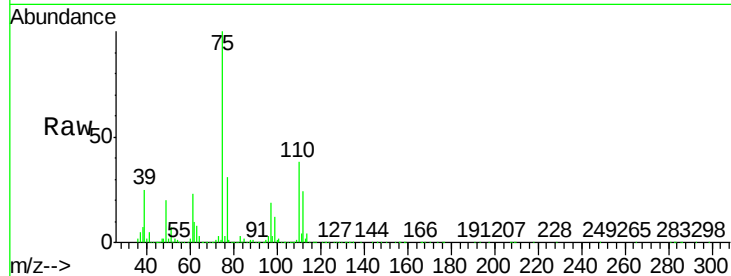
#76
 1,2,3-Trichloropropane
 Concen: 50.230 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Tot Ion: 75 Resp: 478283
 Ion Ratio Lower Upper
 75 100
 77 41.3 20.8 62.2

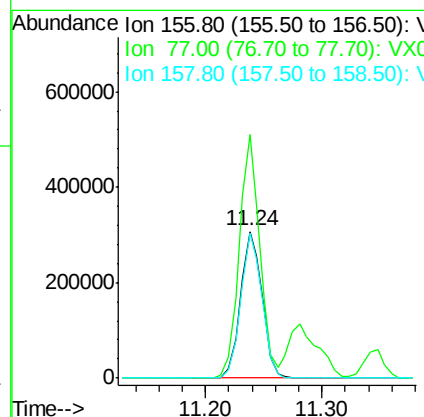
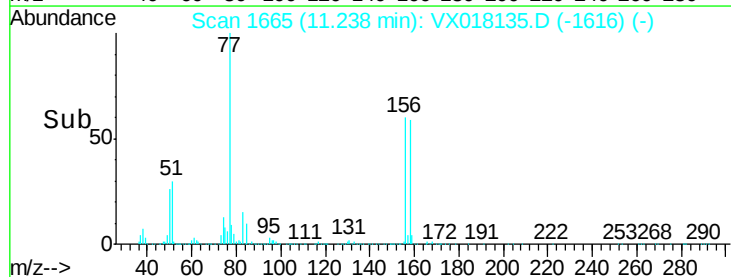
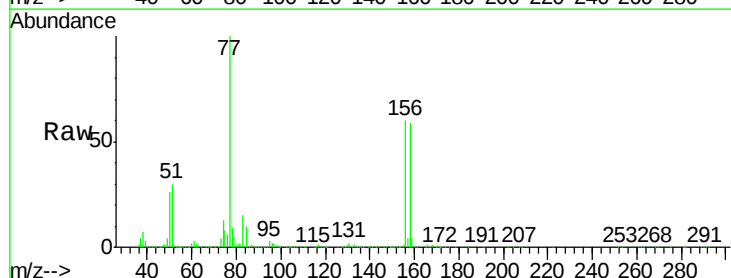
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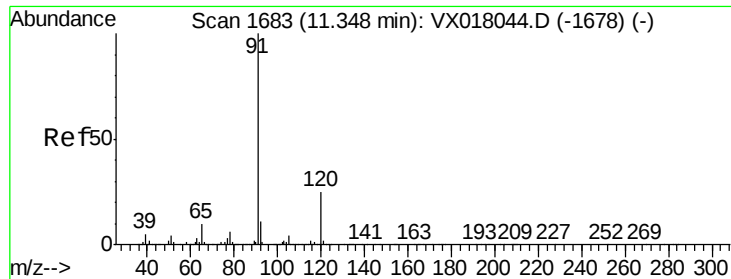
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#77
 Bromobenzene
 Concen: 50.538 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Tgt Ion: 156 Resp: 394422
 Ion Ratio Lower Upper
 156 100
 77 158.7 80.0 240.2
 158 96.8 49.5 148.7





#78

n-propylbenzene

Concen: 54.099 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion: 91 Resp: 1734327

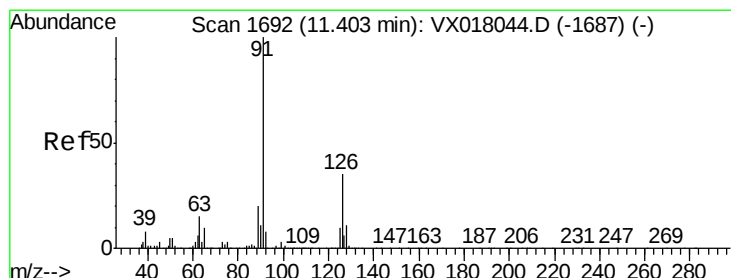
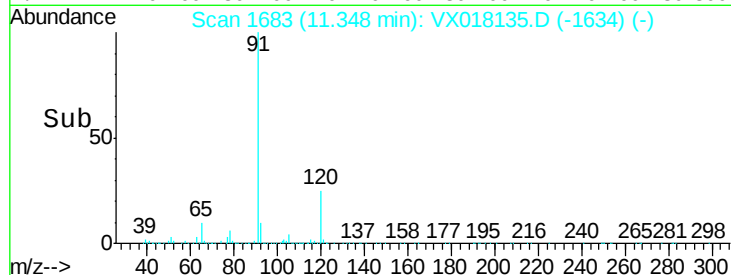
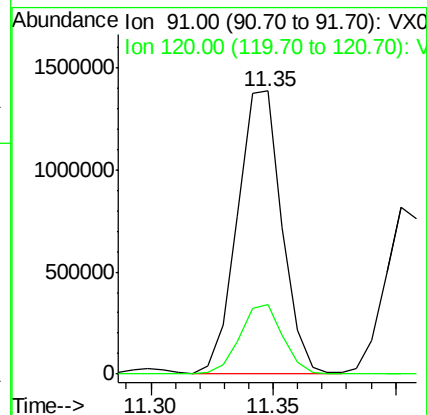
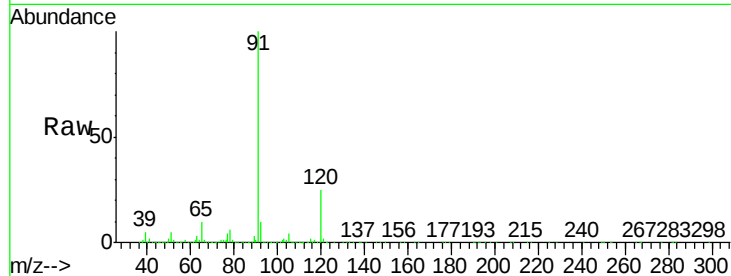
Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 52.211 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018135.D

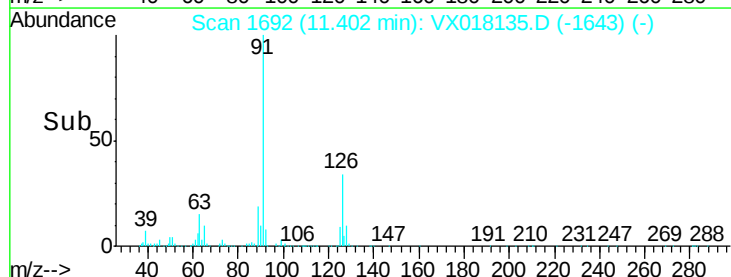
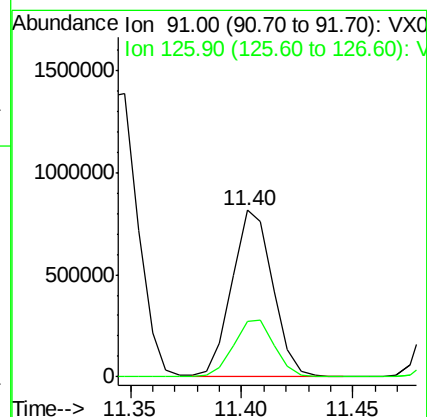
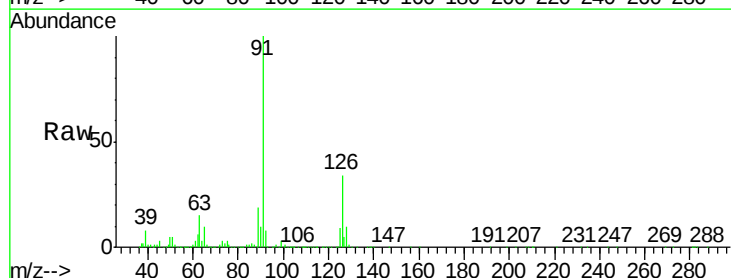
Acq: 28 Aug 2020 20:52

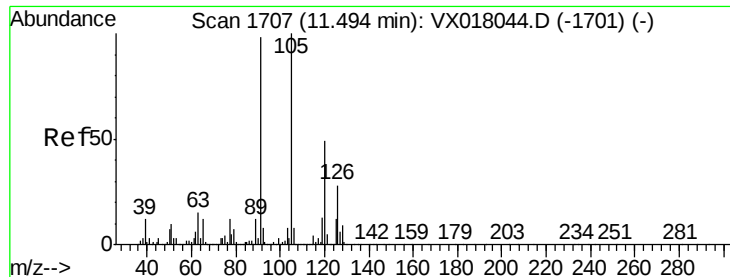
Tgt Ion: 91 Resp: 1034106

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2





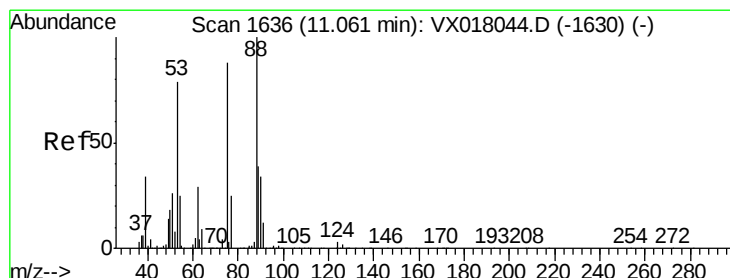
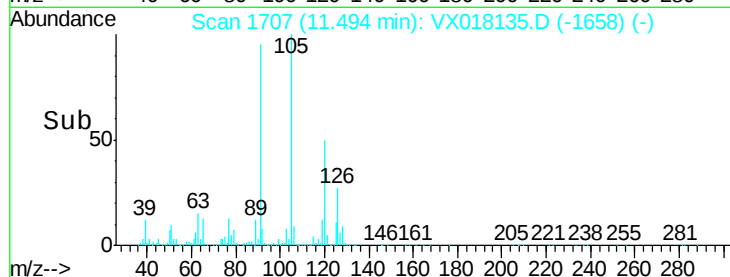
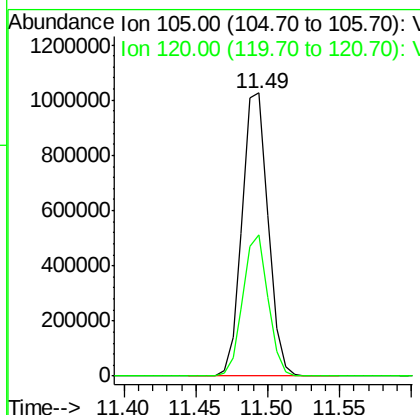
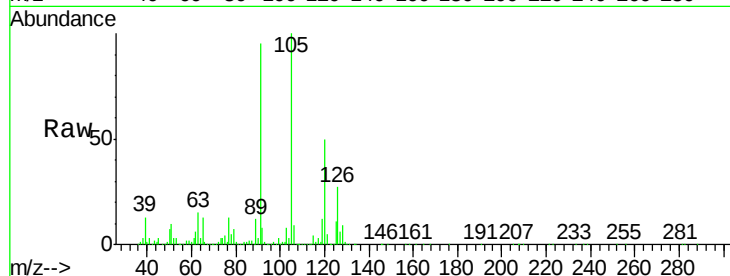
#80
 1,3,5-Trimethylbenzene
 Concen: 55.340 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Tot Ion:105 Resp: 1283964
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2

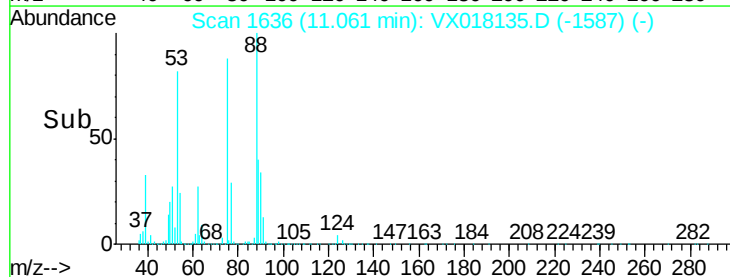
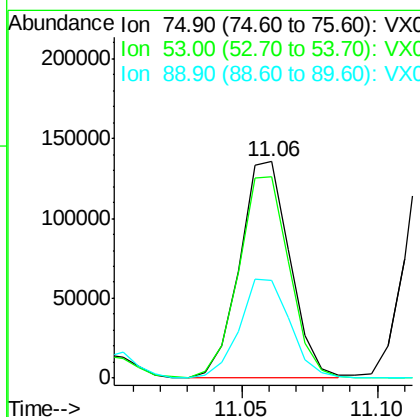
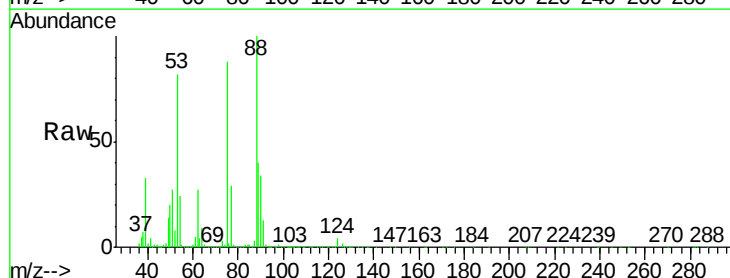
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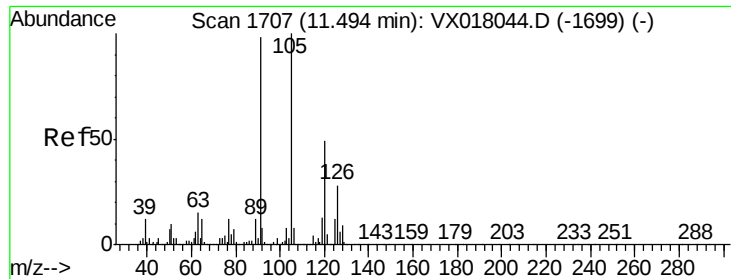
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 8/31/2020 8:58:05 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.851 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Tgt Ion: 75 Resp: 172225
 Ion Ratio Lower Upper
 75 100
 53 94.0 74.7 112.1
 89 46.0 36.6 54.8





#82

4-Chlorotoluene

Concen: 52.183 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion: 91 Resp: 1228687

Ion Ratio Lower Upper

91 100

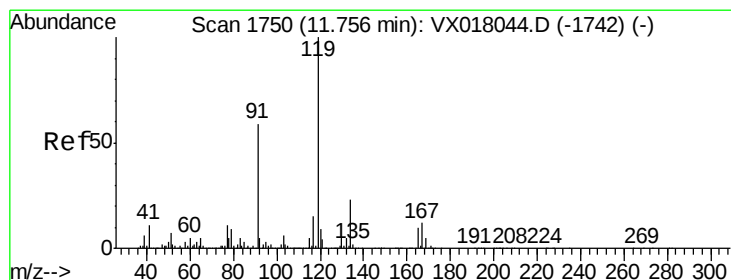
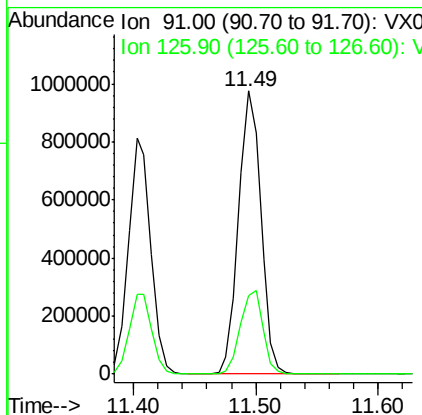
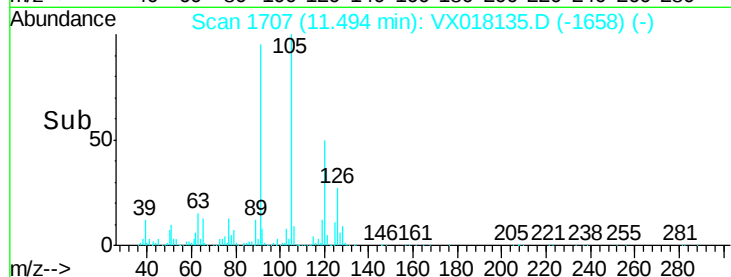
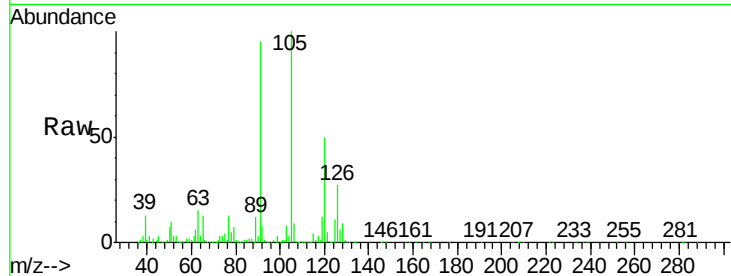
126 29.8 15.1 45.3

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#83

tert-Butylbenzene

Concen: 54.771 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

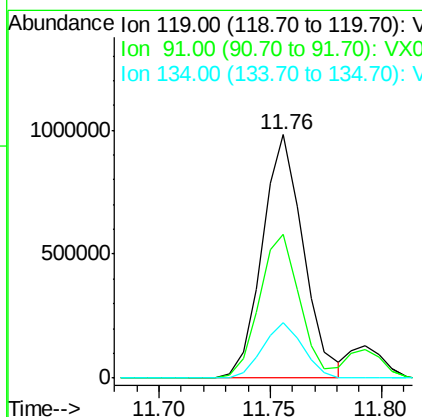
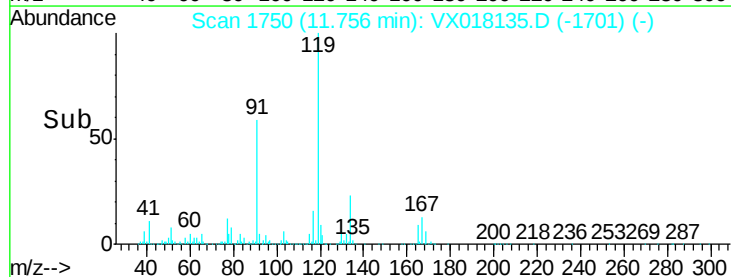
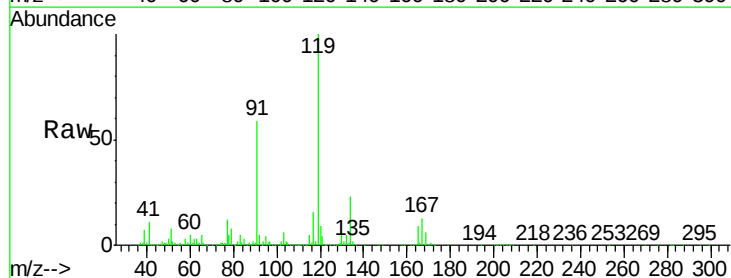
Tgt Ion: 119 Resp: 1254072

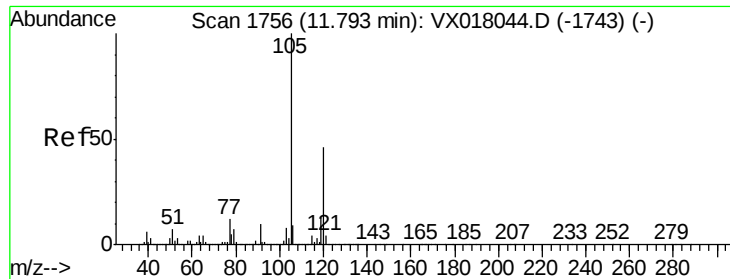
Ion Ratio Lower Upper

119 100

91 57.7 28.2 84.7

134 22.5 11.3 33.8





#84

1,2,4-Trimethylbenzene

Concen: 54.767 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:105 Resp: 1299122

Ion Ratio Lower Upper

105 100

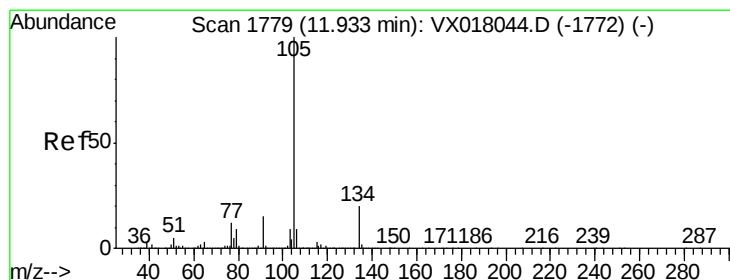
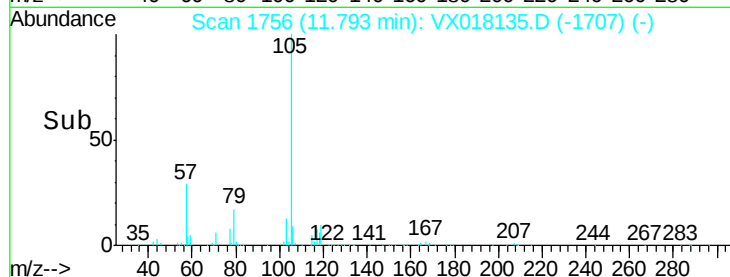
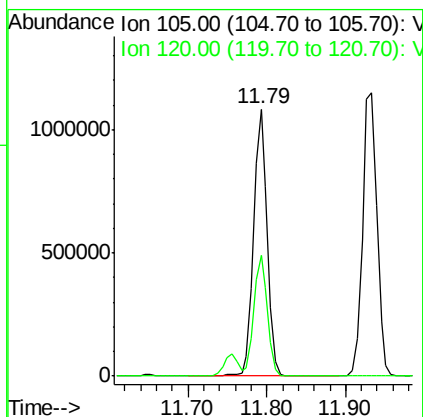
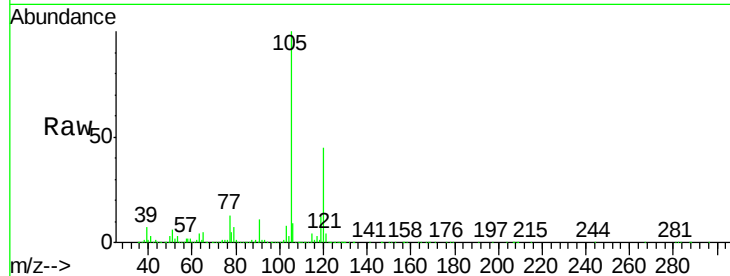
120 45.0 22.3 66.9

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#85

sec-Butylbenzene

Concen: 55.717 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018135.D

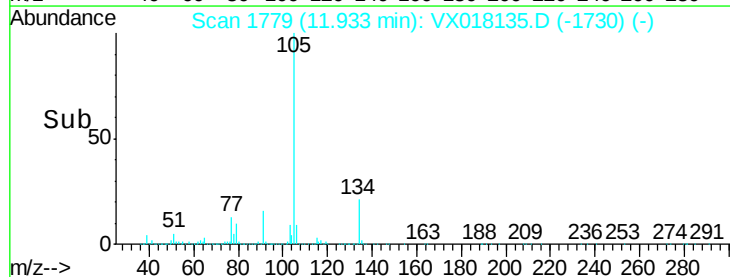
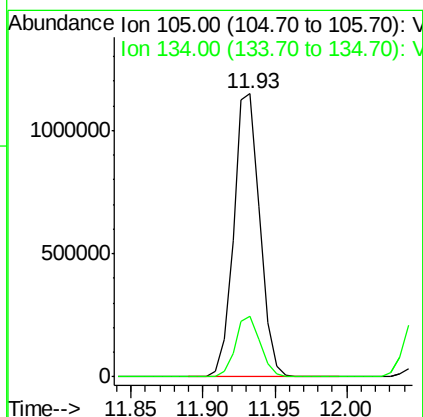
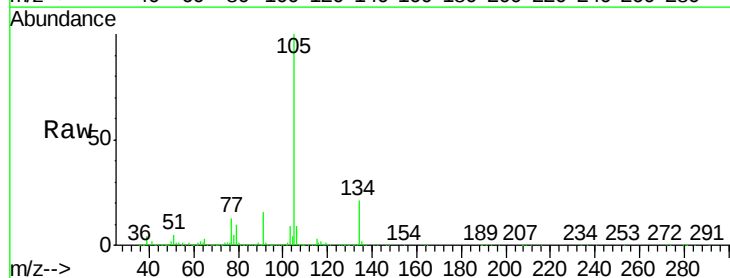
Acq: 28 Aug 2020 20:52

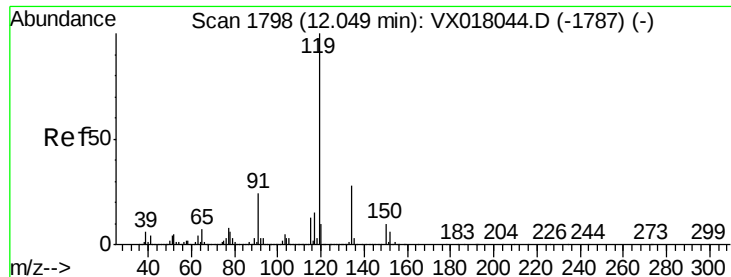
Tgt Ion:105 Resp: 1450764

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.3





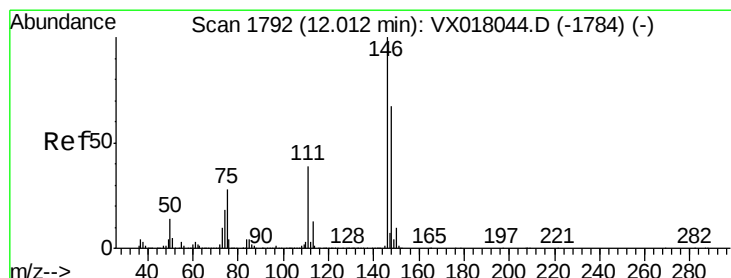
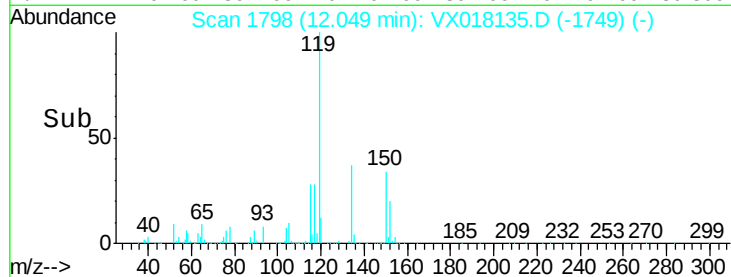
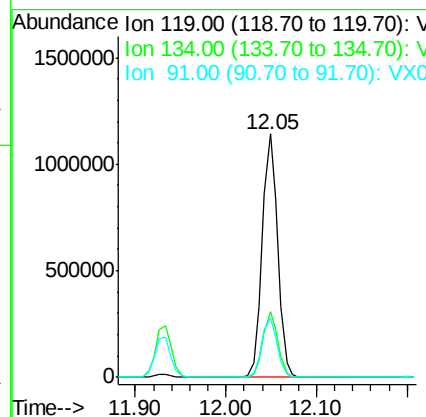
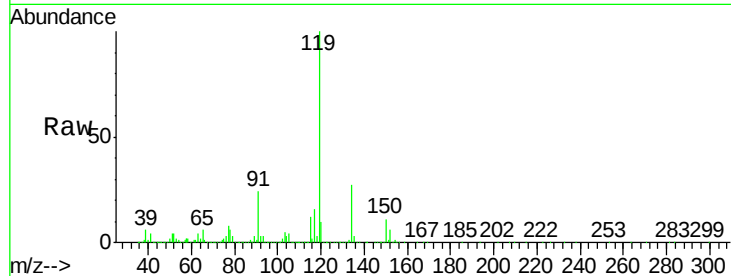
#86
p-Isopropyltoluene
Concen: 56.153 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.2	39.5
91	24.0	11.8	35.4

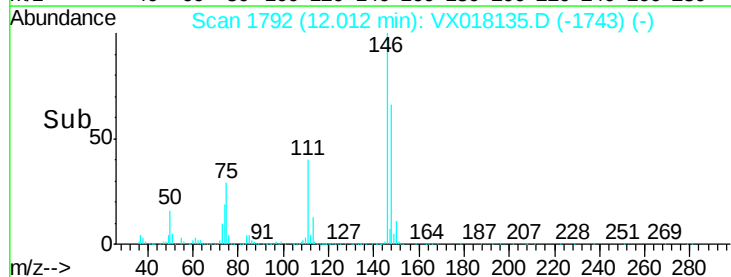
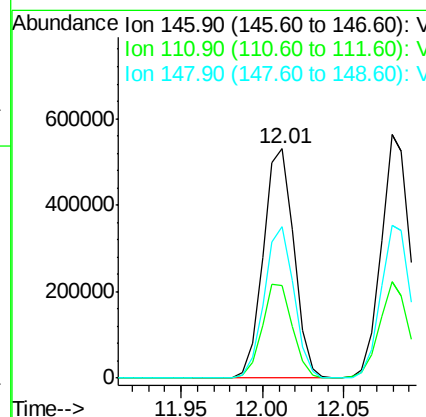
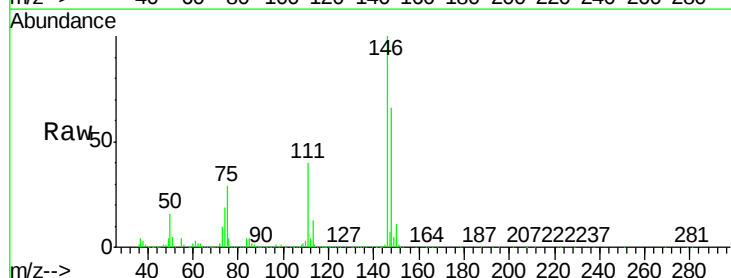
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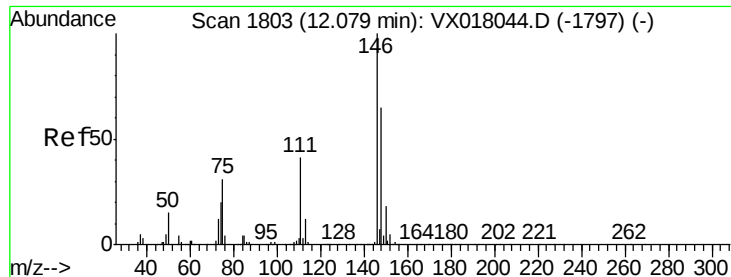
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#87
1,3-Dichlorobenzene
Concen: 50.237 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.9	33.1	99.2





#88

1,4-Dichlorobenzene

Concen: 50.378 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

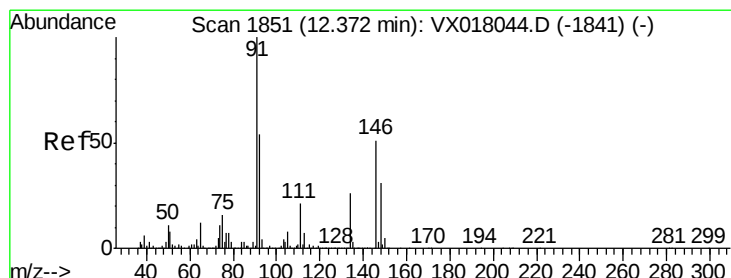
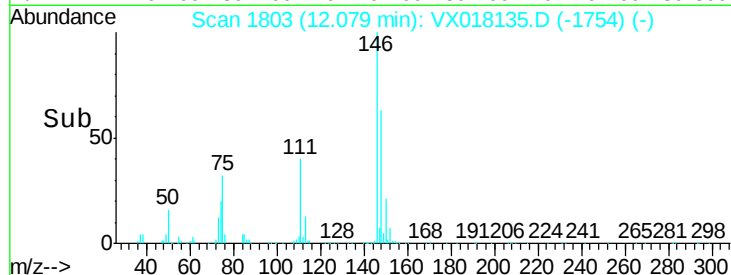
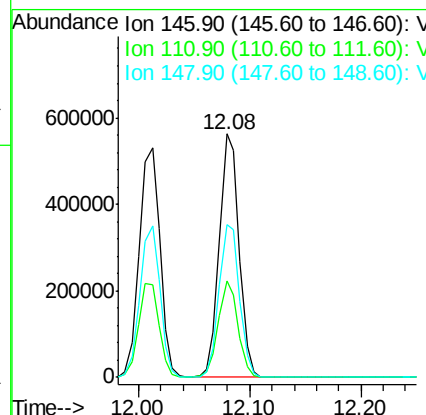
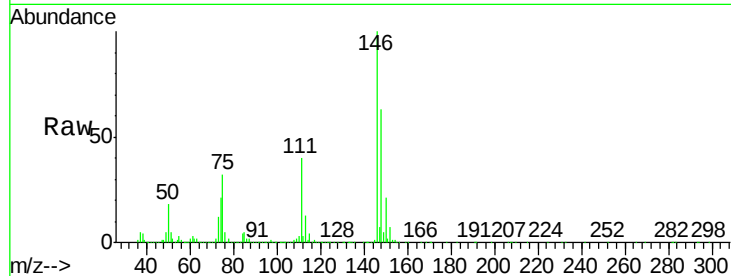
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:	146	Resp:	691169
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.3	60.8
148	65.2	33.1	99.2

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#89

n-Butylbenzene

Concen: 53.570 ug/l

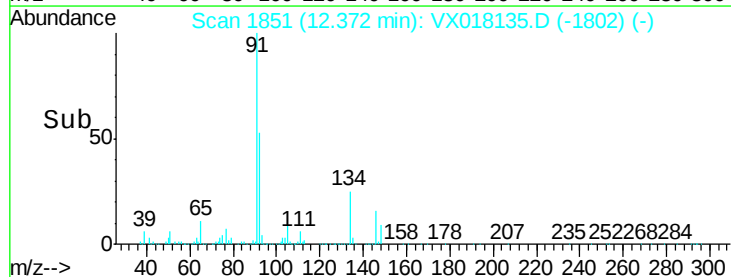
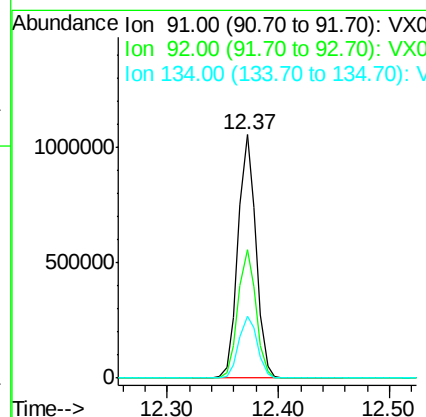
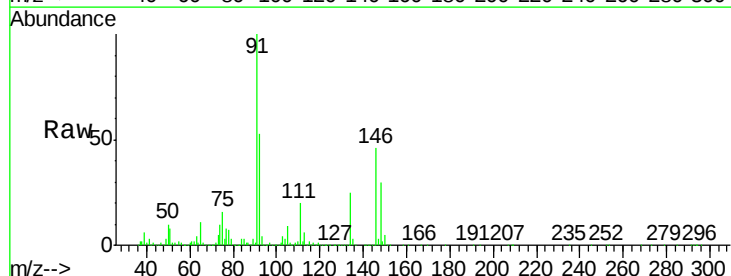
RT: 12.37 min Scan# 1851

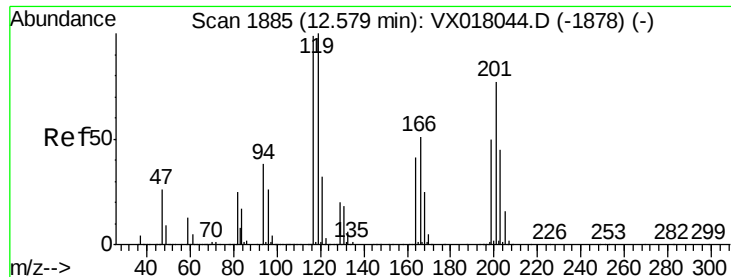
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion:	91	Resp:	1169430
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.4	79.2
134	26.3	12.9	38.7





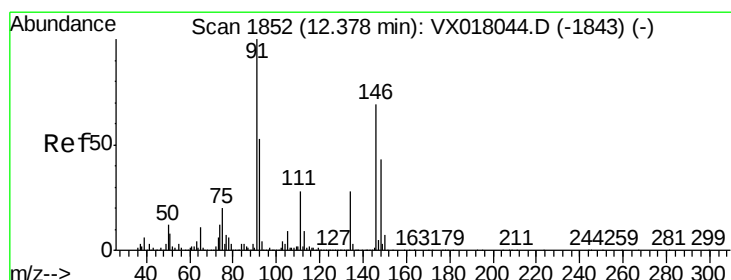
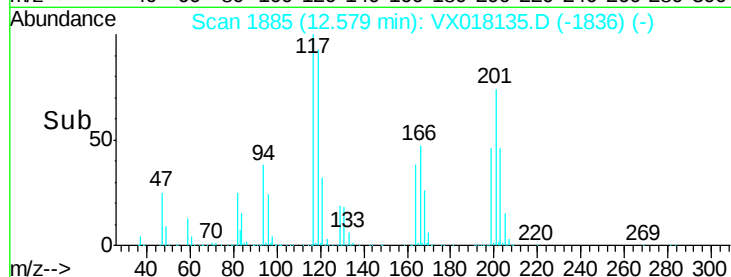
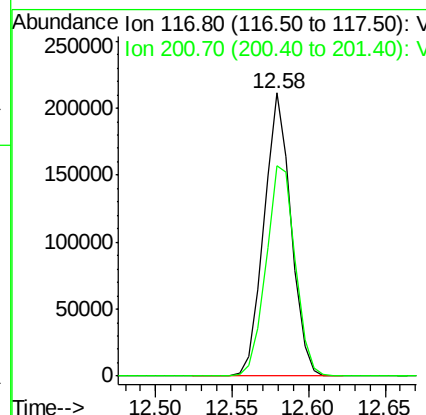
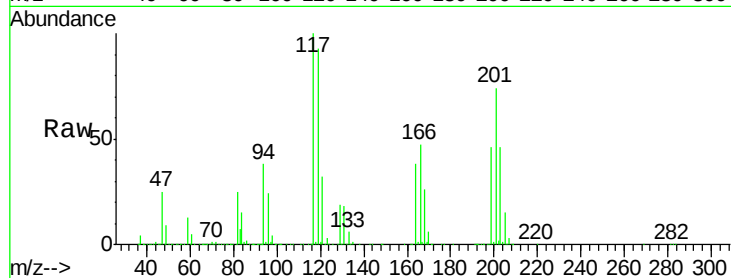
#90
Hexachloroethane
Concen: 55.427 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	260823		
201	80.1	38.5	115.3	

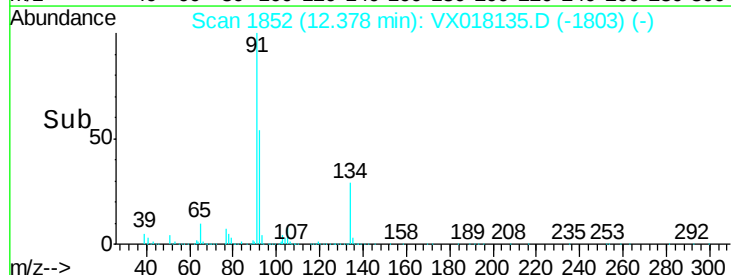
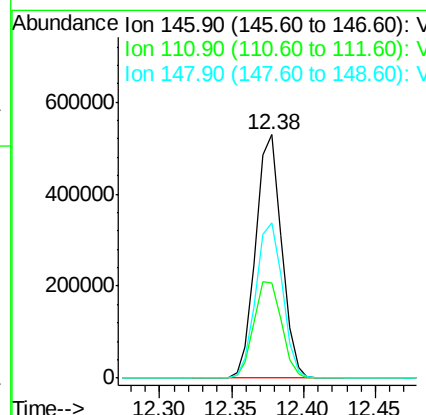
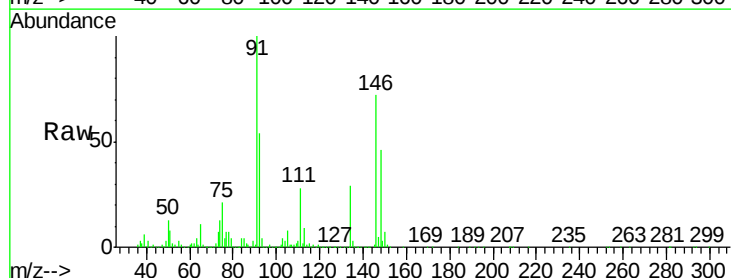
Manual Integrations
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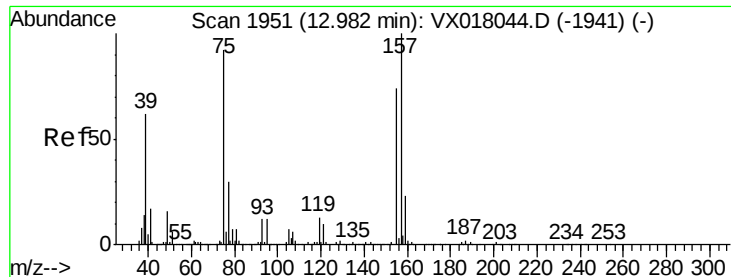
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#91
1,2-Dichlorobenzene
Concen: 50.694 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018135.D
Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	653864		
111	42.4	20.8	62.5	
148	65.8	31.6	95.0	





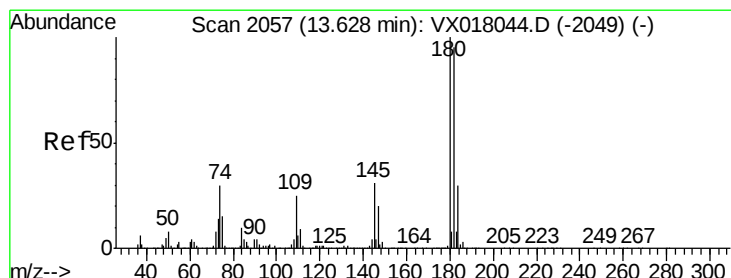
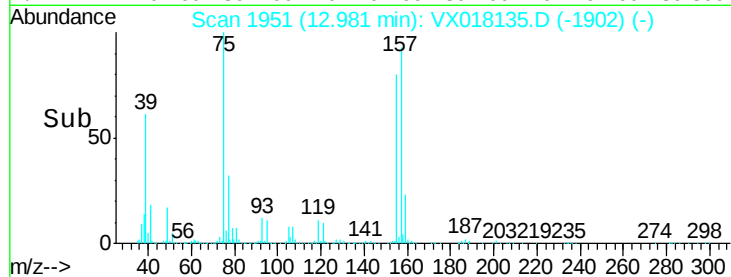
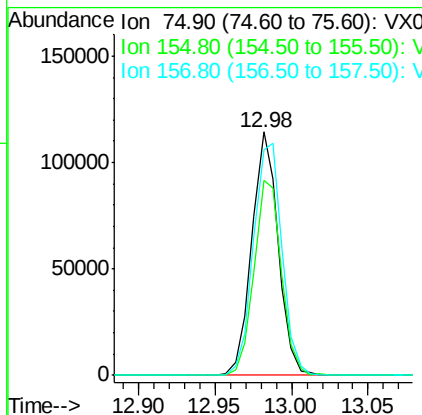
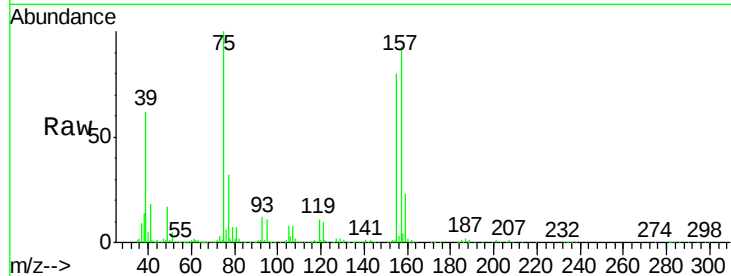
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.898 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.6	40.2	120.6
157	104.0	55.0	165.2

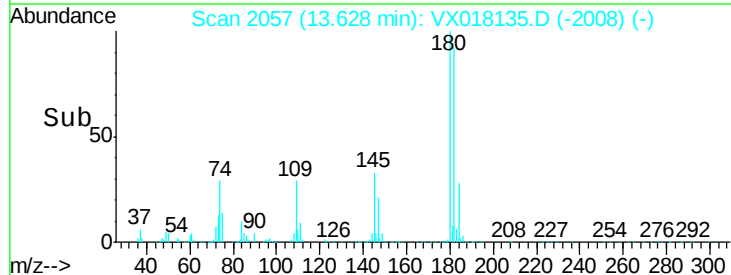
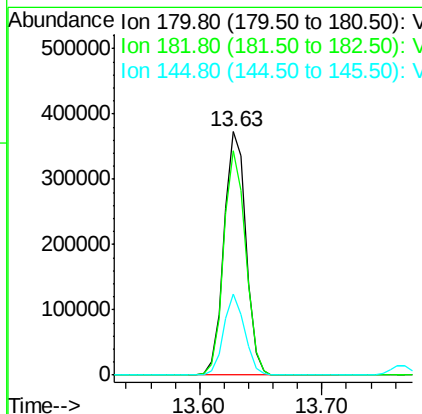
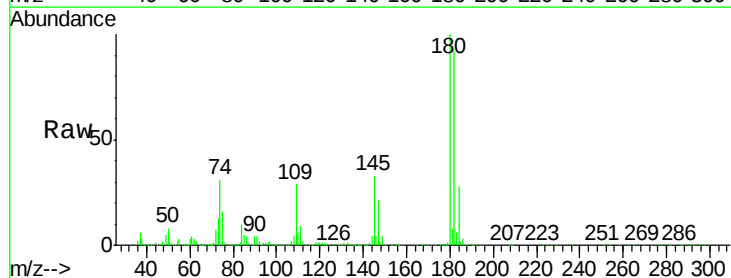
Manual Integrations
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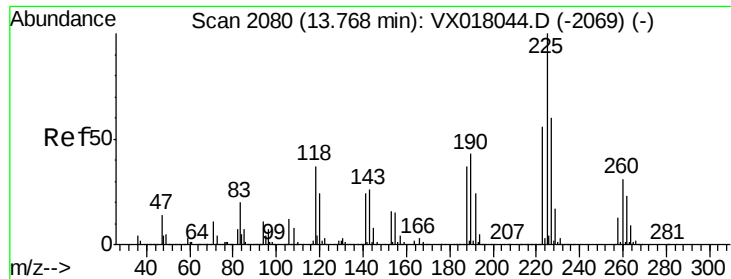
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 53.728 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.5	142.6
145	31.9	15.7	47.1





#94

Hexachlorobutadiene

Concen: 51.714 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Instrument :

MSVOA_X

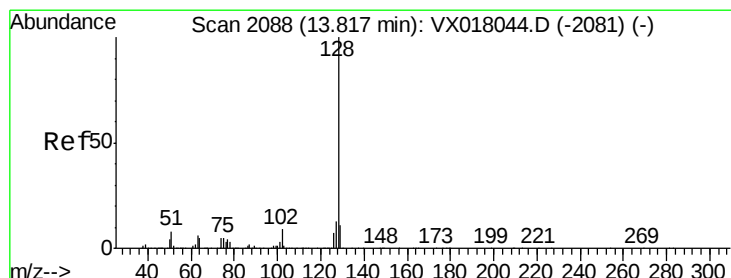
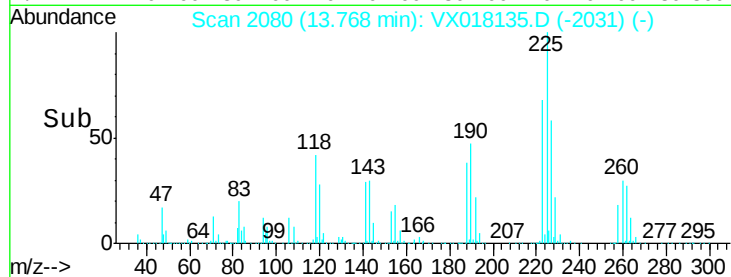
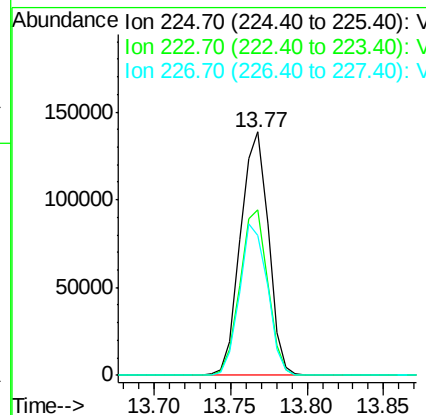
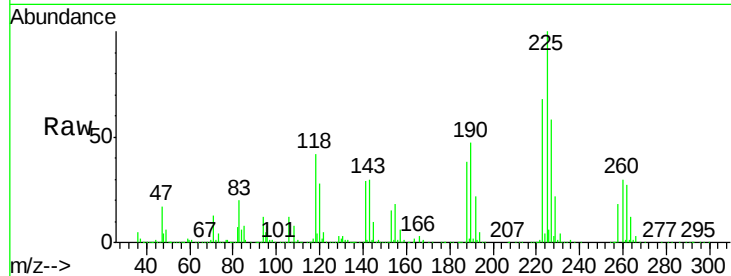
ClientSampleId :

789UMR-DSP02-01MSD

Tot Ion:	225	Resp:	175441
Ion Ratio		Lower	Upper
225	100		
223	67.8	30.7	92.1
227	62.2	32.6	97.8

Manual Integrations
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8/31/2020 8:58:05 AM



#95

Naphthalene

Concen: 56.627 ug/l

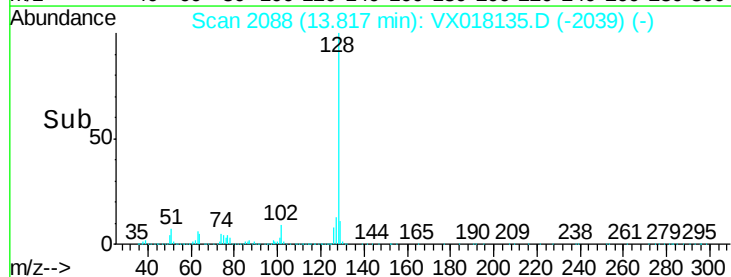
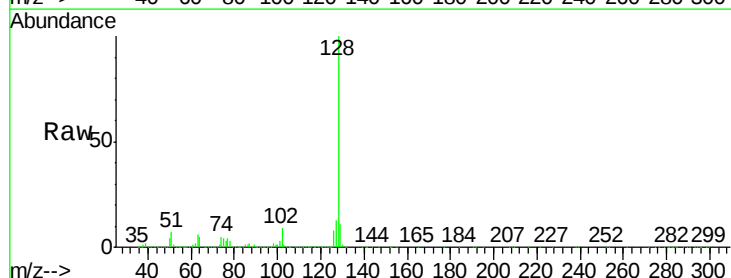
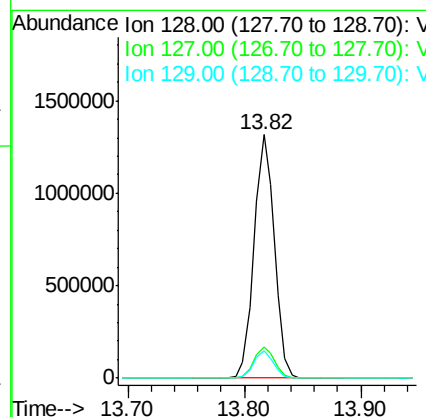
RT: 13.82 min Scan# 2088

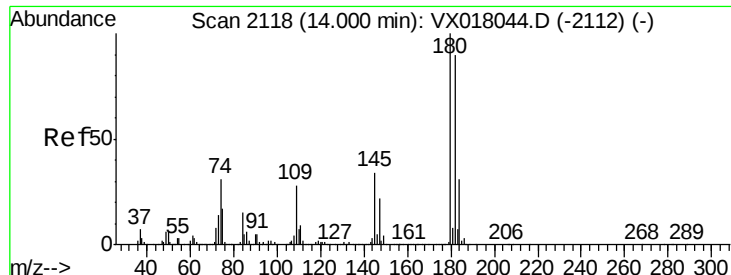
Delta R.T. -0.00 min

Lab File: VX018135.D

Acq: 28 Aug 2020 20:52

Tgt Ion:	128	Resp:	1602887
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 55.315 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018135.D
 Acq: 28 Aug 2020 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	47.3	142.0
145	33.1	17.5	52.6

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:58:05 AM

