

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019836.D
 Acq On : 10 Dec 2020 19:23
 Operator : JC/MD
 Sample : L4996-24MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Manual Integrations
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 12/11/2020 5:36:26 PM

Quant Time: Dec 11 02:41:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	161686	47.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.62%
35) Dibromofluoromethane	5.46	113	131619	47.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.58%
50) Toluene-d8	8.70	98	505453	48.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.14%
62) 4-Bromofluorobenzene	11.12	95	191739	47.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.82%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119459	50.177	ug/l	99
3) Chloromethane	1.31	50	130971	46.777	ug/l	99
4) Vinyl Chloride	1.39	62	150995	51.145	ug/l	99
5) Bromomethane	1.62	94	44903	45.806	ug/l	96
6) Chloroethane	1.70	64	97555	55.008	ug/l	100
7) Trichlorofluoromethane	1.91	101	213412	51.906	ug/l	97
8) Diethyl Ether	2.17	74	89747	51.510	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	149436	63.410	ug/l	99
10) Methyl Iodide	2.49	142	162297	46.722	ug/l	99
11) Tert butyl alcohol	3.01	59	176822	251.677	ug/l	99
12) 1,1-Dichloroethene	2.36	96	128625	53.987	ug/l	99
13) Acrolein	2.27	56	84760	224.680	ug/l	98
14) Allyl chloride	2.70	41	206149	51.231	ug/l	98
15) Acrylonitrile	3.11	53	416301	269.443	ug/l	100
16) Acetone	2.42	43	326769	254.370	ug/l	99
17) Carbon Disulfide	2.55	76	315519	46.154	ug/l	100
18) Methyl Acetate	2.75	43	167854	53.396	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	463033	53.365	ug/l	100
20) Methylene Chloride	2.83	84	154262	52.676	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142257	51.214	ug/l	99
22) Diisopropyl ether	3.82	45	440585	54.155	ug/l	92
23) Vinyl Acetate	3.78	43	1770389	255.421	ug/l	100
24) 1,1-Dichloroethane	3.67	63	261637	53.329	ug/l	99
25) 2-Butanone	4.63	43	535171	271.116	ug/l	99
26) 2,2-Dichloropropane	4.55	77	191467	45.318	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	180127	55.413	ug/l	98
28) Bromochloromethane	4.98	49	113528	48.542	ug/l	99
29) Tetrahydrofuran	5.09	42	345643	271.776	ug/l	99
30) Chloroform	5.17	83	270317	53.586	ug/l	100
31) Cyclohexane	5.55	56	220247	51.807	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	230928	53.157	ug/l	100
36) 1,1-Dichloropropene	5.76	75	192912	50.095	ug/l	100
37) Ethyl Acetate	4.79	43	193948	49.882	ug/l	99
38) Carbon Tetrachloride	5.75	117	195252	51.777	ug/l	98

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Quant Time: Dec 11 02:41:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227931	50.378	ug/l	99
40) Benzene	6.11	78	604526	51.390	ug/l	99
41) Methacrylonitrile	5.00	41	113469	53.153	ug/l	99
42) 1,2-Dichloroethane	6.16	62	210313	52.327	ug/l	100
43) Isopropyl Acetate	6.41	43	318256	50.346	ug/l	99
44) Trichloroethene	7.18	130	210390	68.166	ug/l	98
45) 1,2-Dichloropropane	7.49	63	165829	56.404	ug/l	97
46) Dibromomethane	7.63	93	103743	52.252	ug/l	99
47) Bromodichloromethane	7.87	83	207543	52.680	ug/l	100
48) Methyl methacrylate	7.74	41	164189	52.812	ug/l	98
49) 1,4-Dioxane	7.71	88	79809	1059.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1043059	270.266	ug/l	100
52) Toluene	8.76	92	379334	51.559	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	222857	50.975	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	241052	50.752	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	157436	53.100	ug/l	99
56) Ethyl methacrylate	9.16	69	239623	53.418	ug/l	99
57) 1,3-Dichloropropane	9.35	76	266378	52.617	ug/l	99
59) 2-Hexanone	9.47	43	799435	267.232	ug/l	99
60) Dibromochloromethane	9.56	129	159158	52.836	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164435	52.229	ug/l	99
64) Tetrachloroethene	9.32	164	194083	73.104	ug/l	97
65) Chlorobenzene	10.12	112	399734	50.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	149778	52.761	ug/l	99
67) Ethyl Benzene	10.23	91	720902	51.493	ug/l	100
68) m/p-Xylenes	10.34	106	544804	103.272	ug/l	100
69) o-Xylene	10.68	106	263402	51.905	ug/l	98
70) Stvrene	10.70	104	445608	52.024	ug/l	100
71) Bromoform	10.84	173	115052	51.518	ug/l #	98
73) Isopropylbenzene	11.00	105	703682	52.798	ug/l	100
74) N-amyl acetate	10.88	43	263059	49.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	253167	53.878	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	235959m	53.929	ug/l	
77) Bromobenzene	11.24	156	175797	51.542	ug/l	99
78) n-propylbenzene	11.34	91	798905	52.482	ug/l	100
79) 2-Chlorotoluene	11.40	91	486017	51.846	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	595575	52.948	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	77741	51.364	ug/l	99
82) 4-Chlorotoluene	11.49	91	565590	51.516	ug/l	100
83) tert-Butylbenzene	11.76	119	581846	52.742	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	604614	53.361	ug/l	99
85) sec-Butylbenzene	11.93	105	660415	52.434	ug/l	100
86) p-Isopropyltoluene	12.05	119	613762	53.170	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	313551	50.088	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	311823	48.906	ug/l	98
89) n-Butylbenzene	12.37	91	524756	51.311	ug/l	99
90) Hexachloroethane	12.58	117	103777	52.074	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	316637	51.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55574	55.016	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	206527	51.991	ug/l	98

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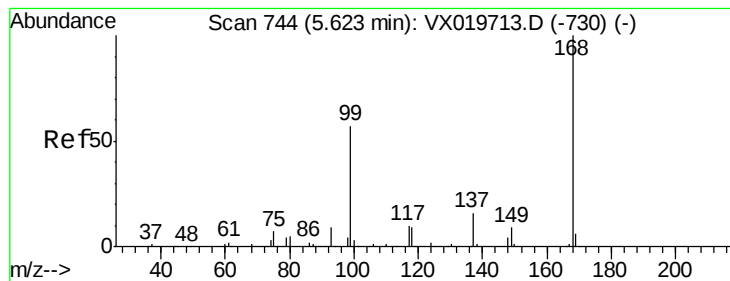
Manual Integrations
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12/11/2020 5:36:26 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	89639	50.487	ug/l	97
95) Naphthalene	13.82	128	699480	54.314	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210644	54.259	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion:168 Resp: 260040

Ion Ratio Lower Upper

168 100

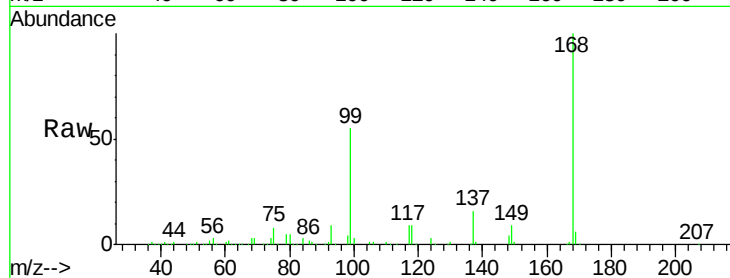
99 55.2 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

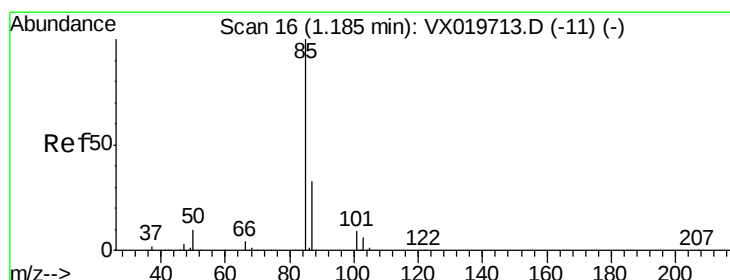
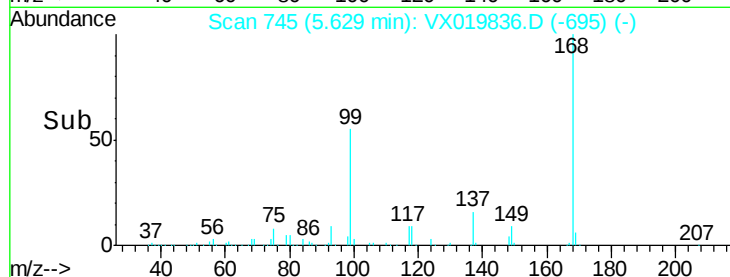
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.177 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019836.D

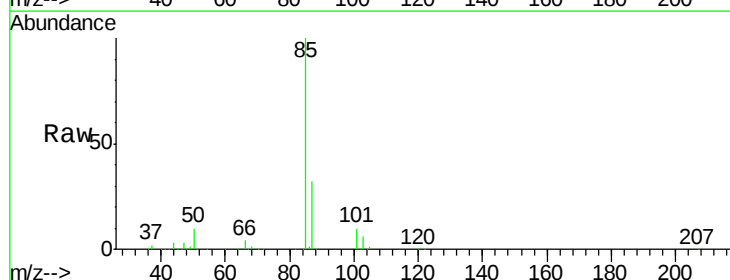
Acq: 10 Dec 2020 19:23

Tgt Ion: 85 Resp: 119459

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

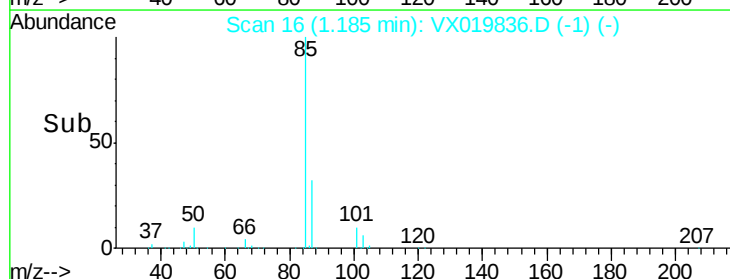
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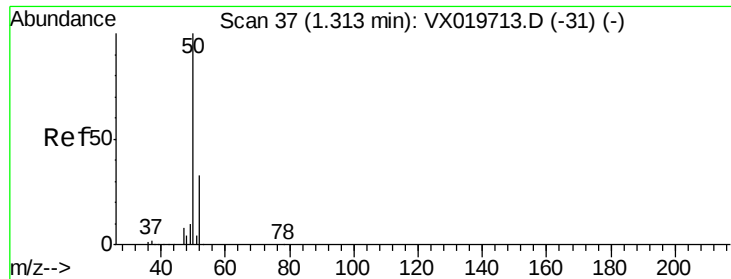
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50000

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Time-->





#3

Chloromethane

Concen: 46.777 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 50 Resp: 130971

Ion Ratio Lower Upper

50 100

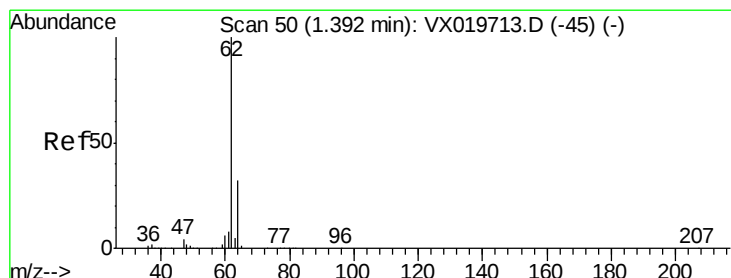
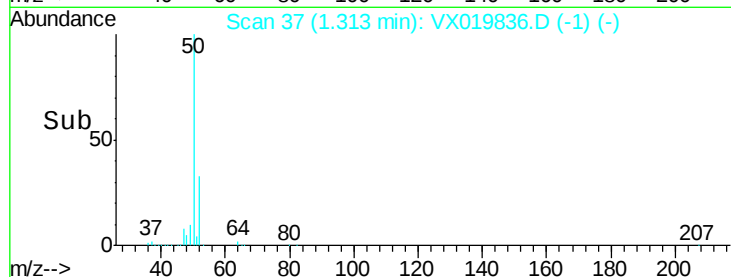
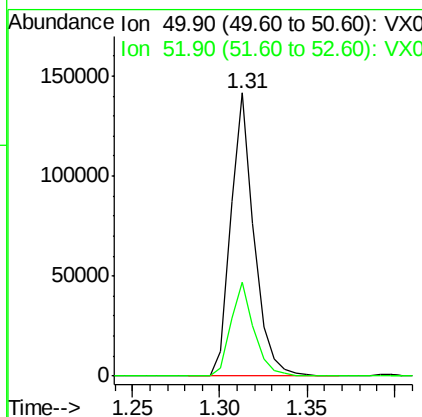
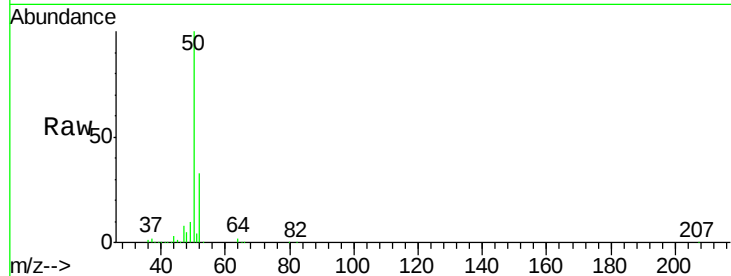
52 33.3 26.4 39.6

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#4

Vinyl Chloride

Concen: 51.145 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019836.D

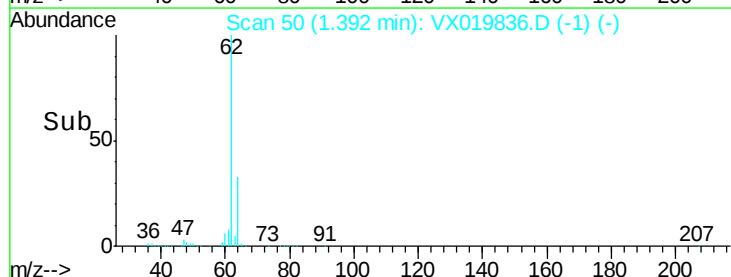
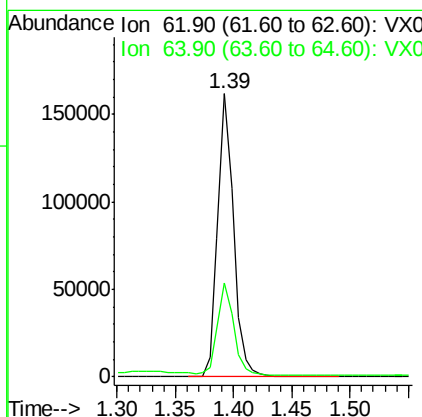
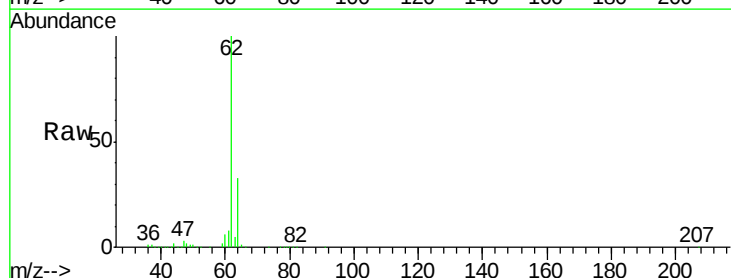
Acq: 10 Dec 2020 19:23

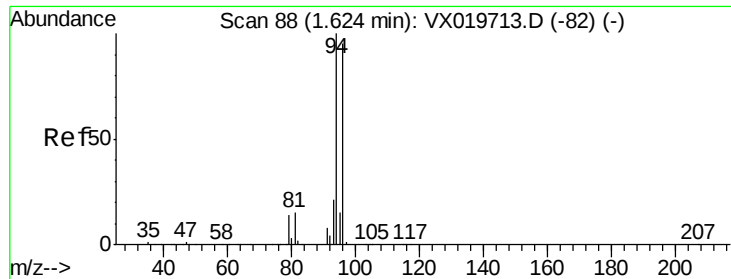
Tgt Ion: 62 Resp: 150995

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 45.806 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 94 Resp: 44903

Ion Ratio Lower Upper

94 100

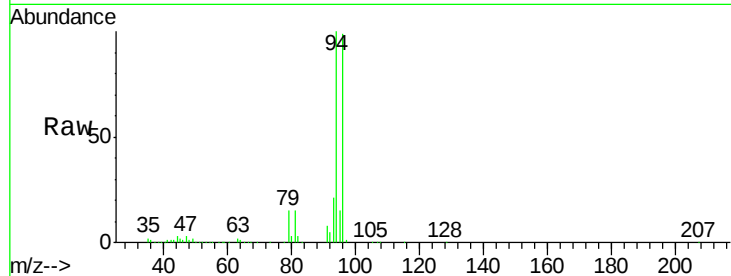
96 98.9 76.4 114.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

50000

40000

30000

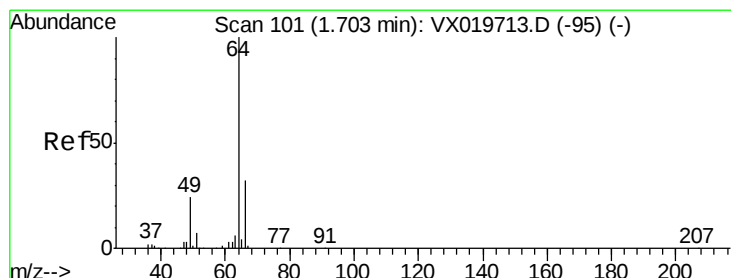
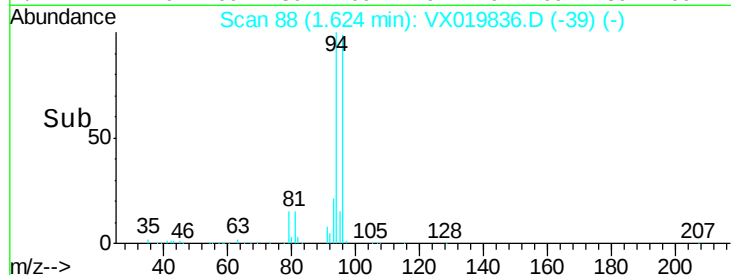
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10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 55.008 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019836.D

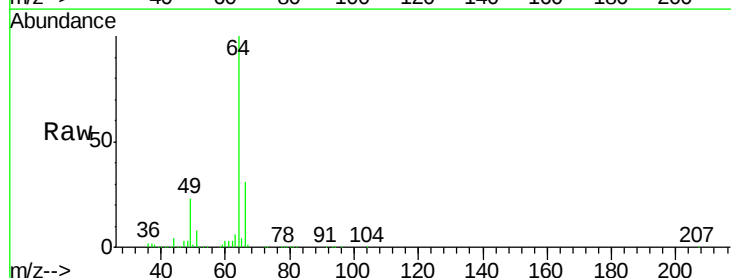
Acq: 10 Dec 2020 19:23

Tgt Ion: 64 Resp: 97555

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

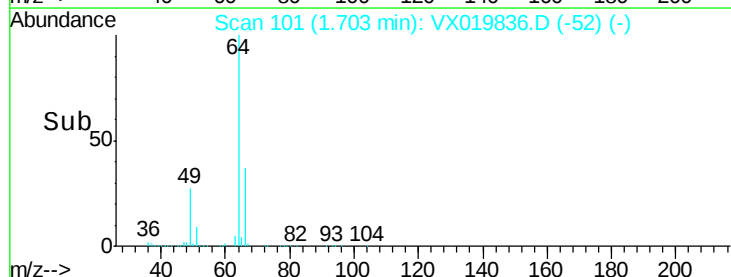
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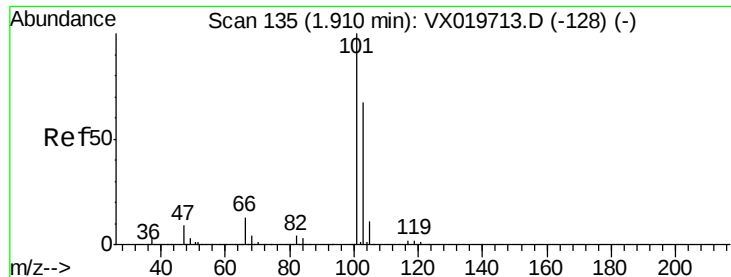
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Time-->

1.70 1.80





#7

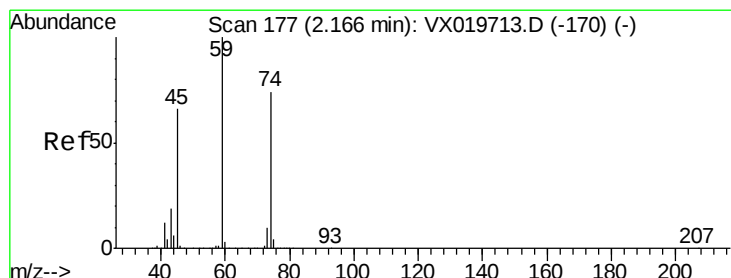
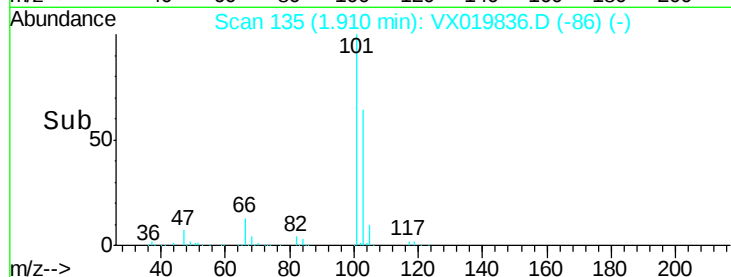
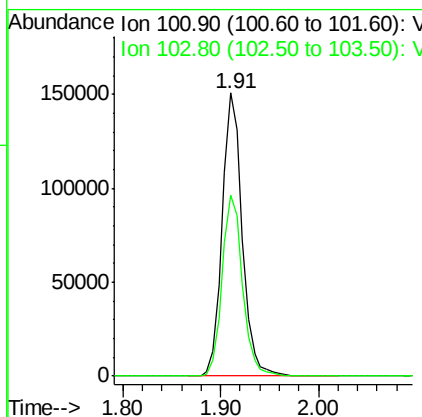
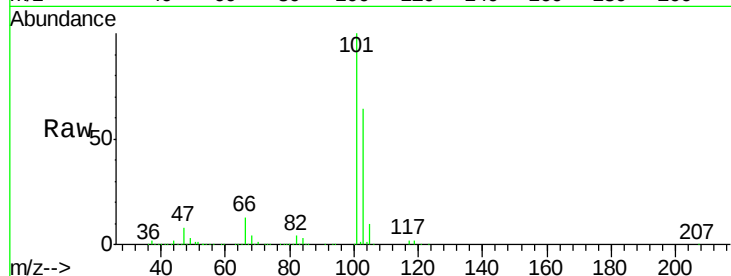
Trichlorofluoromethane
Concen: 51.906 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
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ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.2	79.8

Manual Integrations
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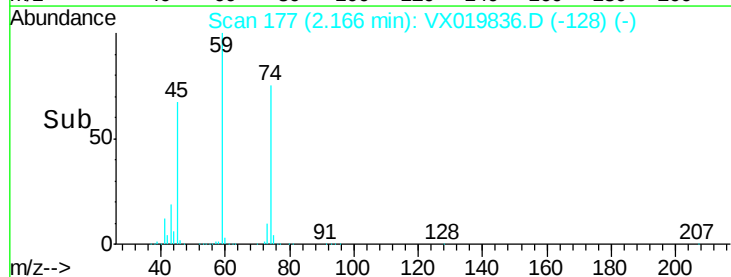
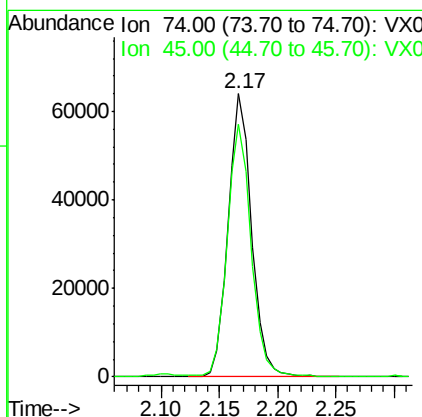
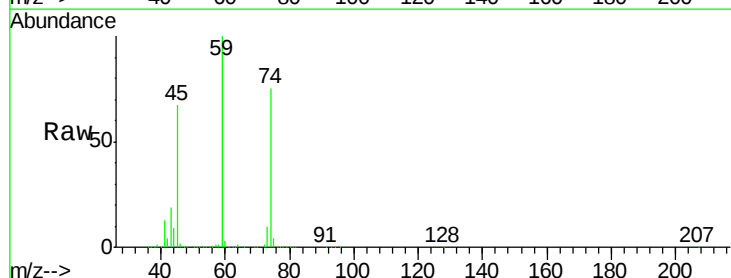
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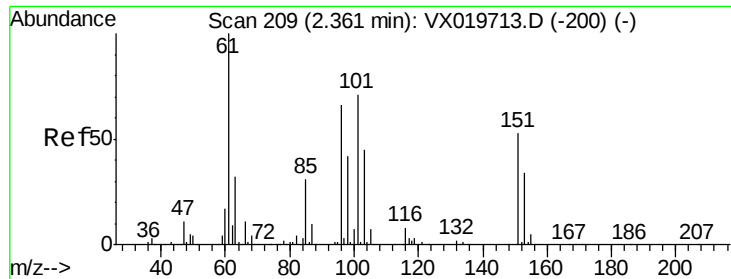


#8

Diethyl Ether
Concen: 51.510 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.410 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

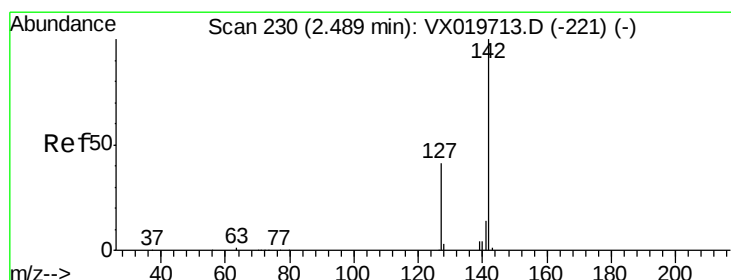
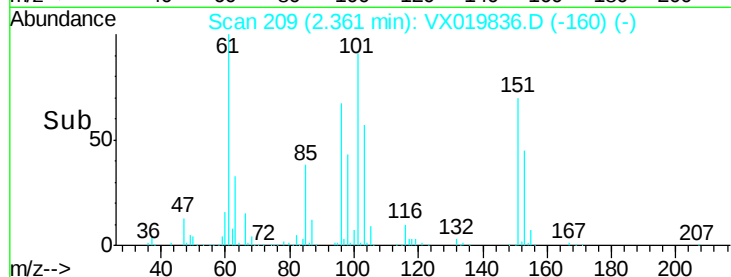
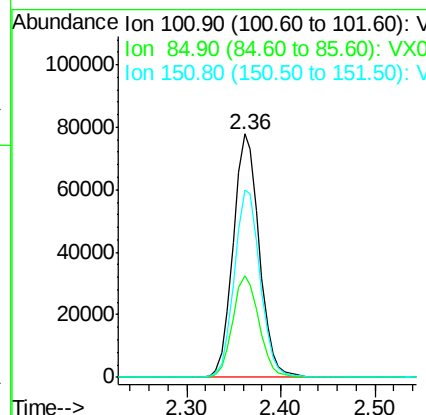
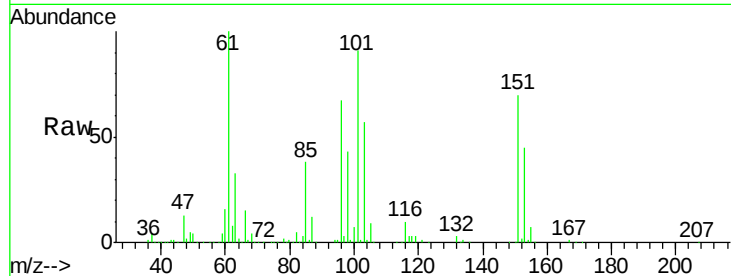
ClientSampleId :

RE135D3-20201208MSD

Tot Ion:	101	Resp:	149436
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.9	52.3
151	76.7	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 46.722 ug/l

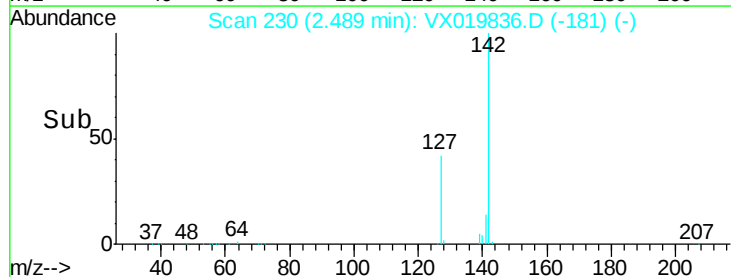
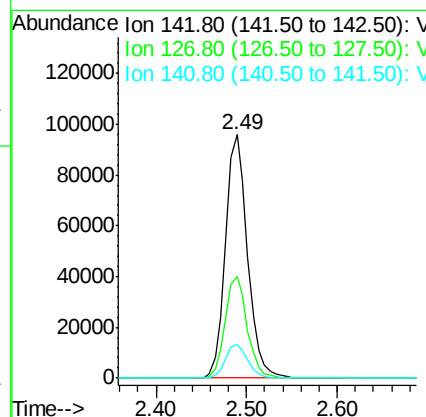
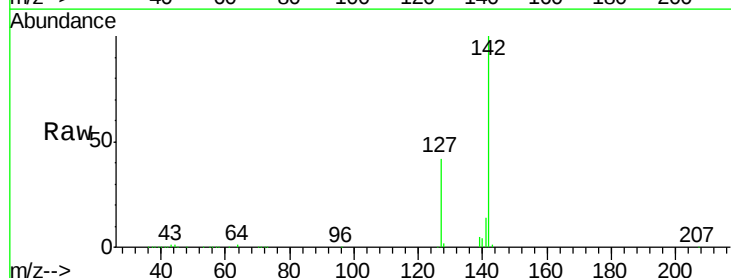
RT: 2.49 min Scan# 230

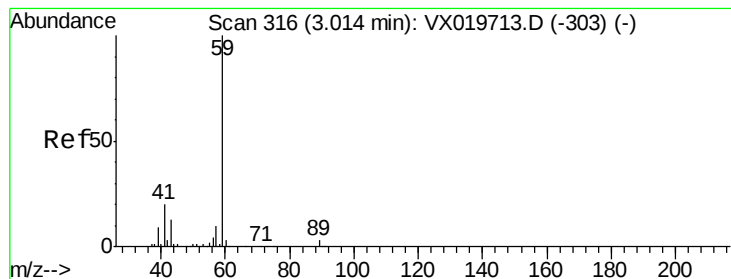
Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion:	142	Resp:	162297
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.3	49.9
141	14.0	11.4	17.0





#11

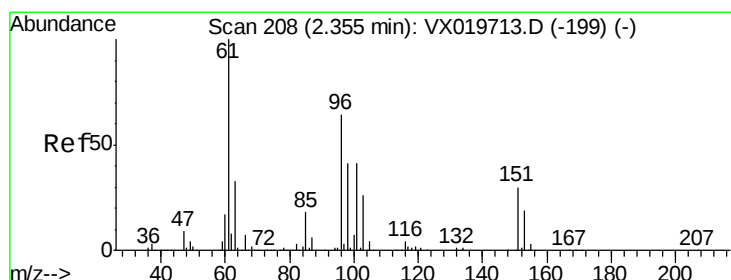
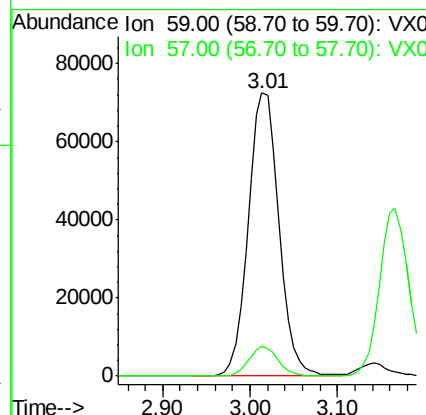
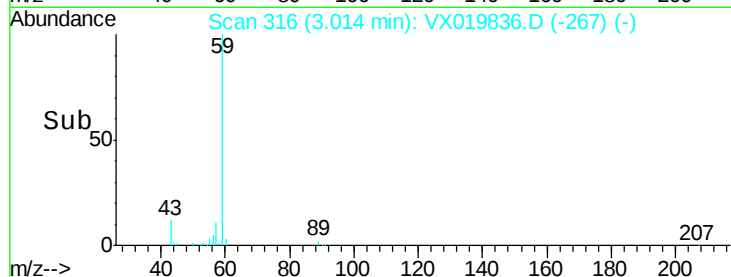
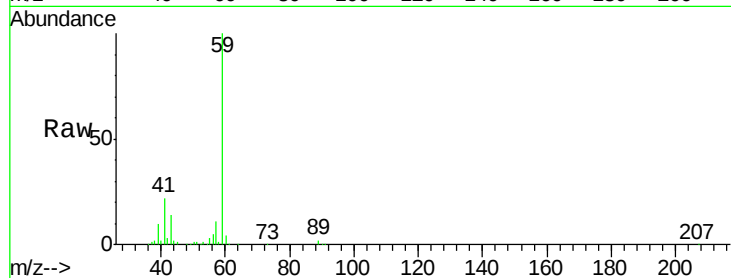
Tert butyl alcohol
Concen: 251.677 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.8	11.8

Manual Integrations
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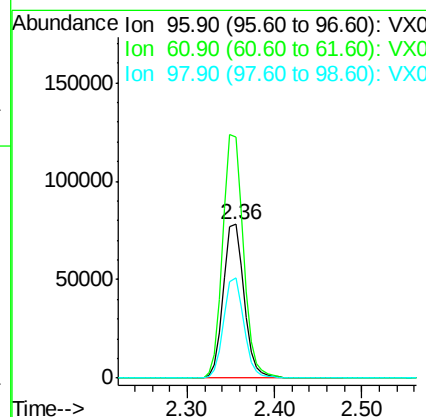
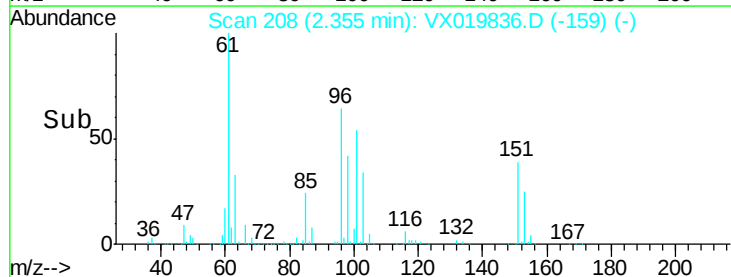
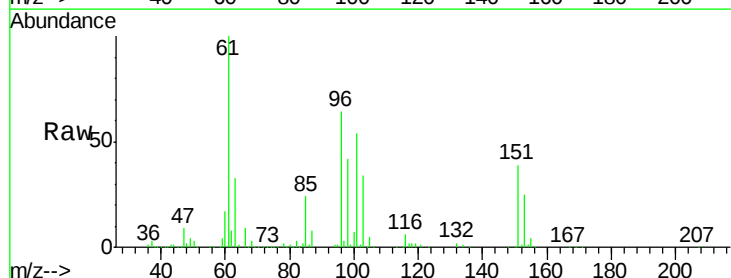
MMDadoda
12/11/2020 5:36:26 PM

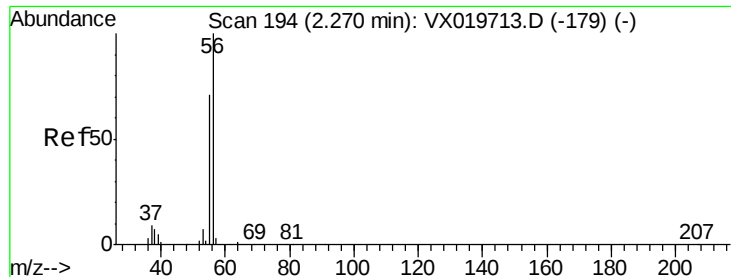


#12

1,1-Dichloroethene
Concen: 53.987 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	124.6	187.0
98	65.5	50.6	76.0





#13

Acrolein

Concen: 224.680 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 56 Resp: 84760

Ion Ratio Lower Upper

56 100

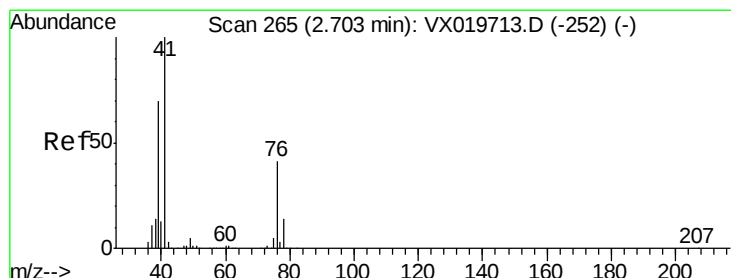
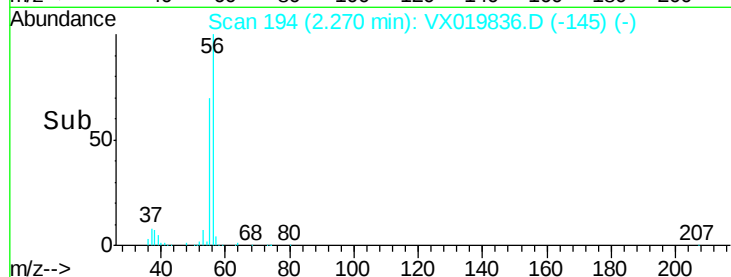
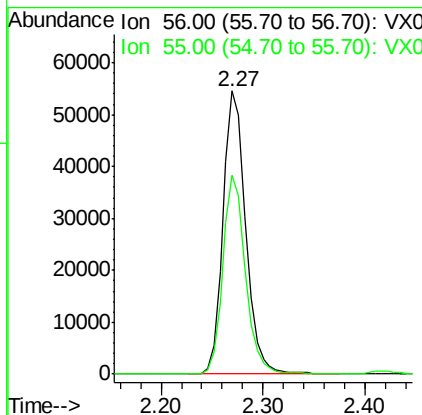
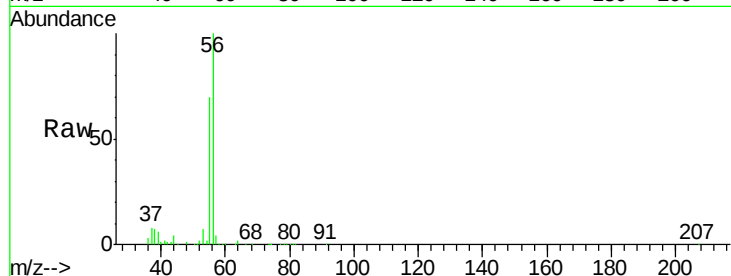
55 69.1 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 51.231 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

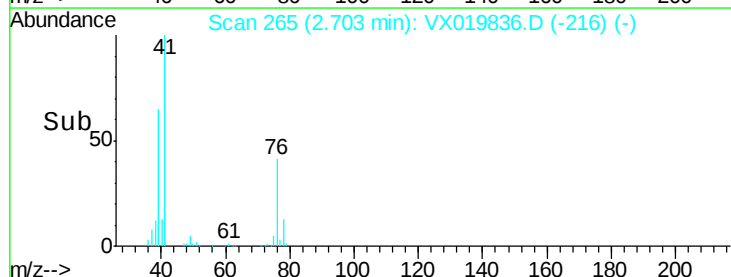
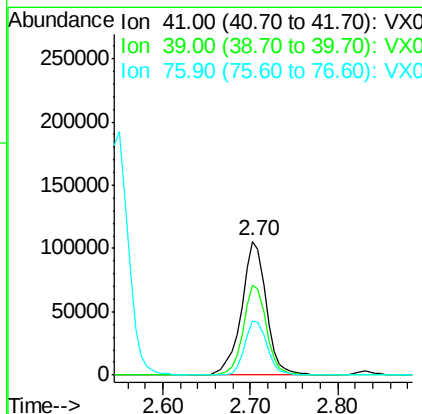
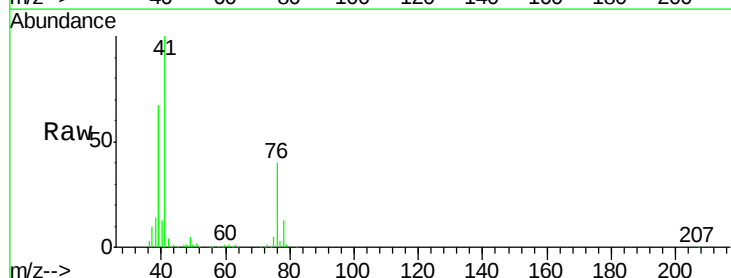
Tgt Ion: 41 Resp: 206149

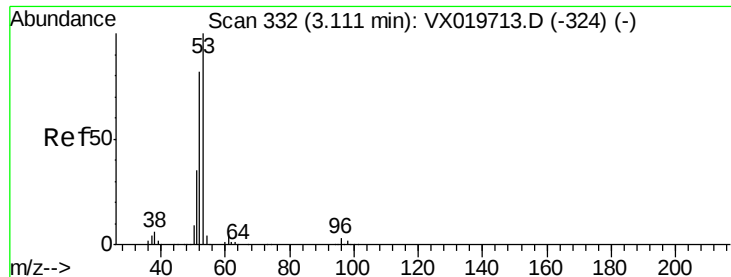
Ion Ratio Lower Upper

41 100

39 62.9 51.6 77.4

76 36.9 30.5 45.7





#15

Acrylonitrile

Concen: 269.443 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

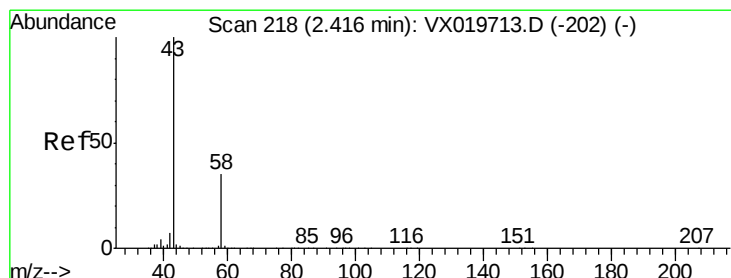
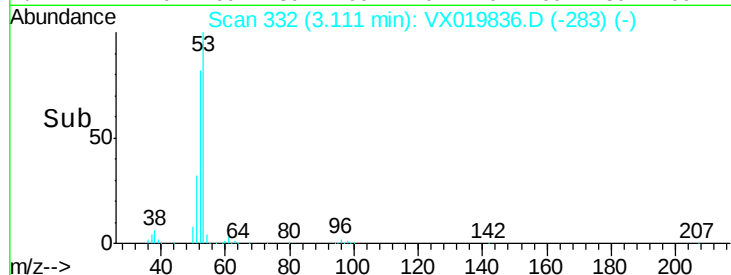
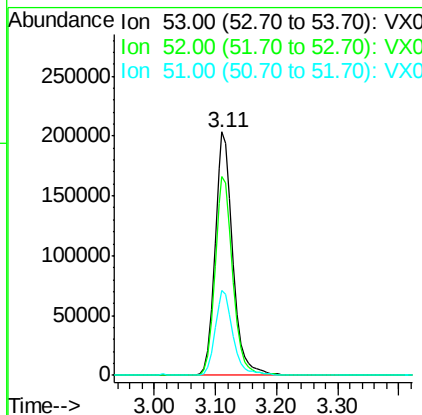
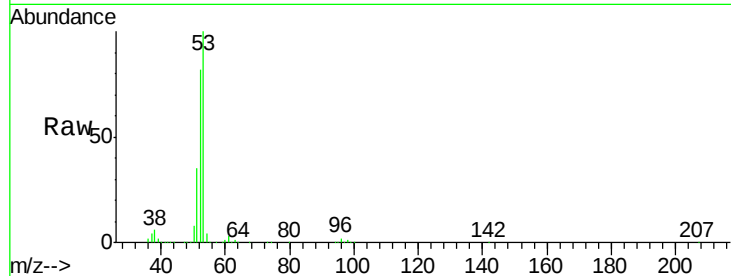
ClientSampleId :

RE135D3-20201208MSD

Tot Ion:	53	Resp:	416301
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	35.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 254.370 ug/l

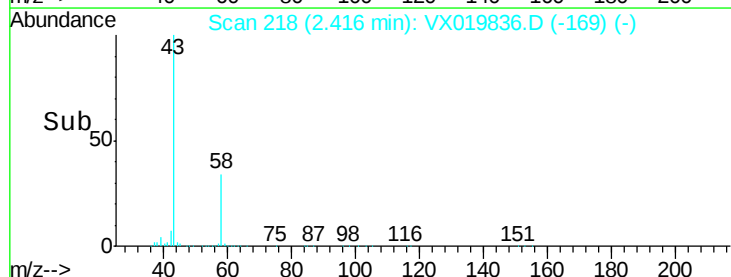
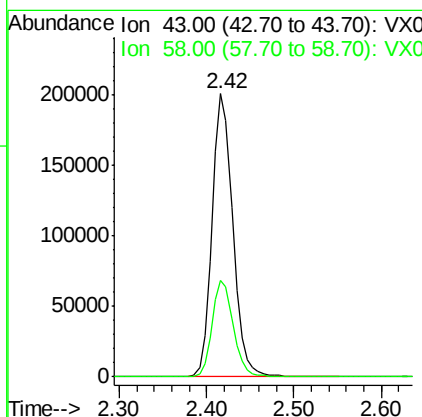
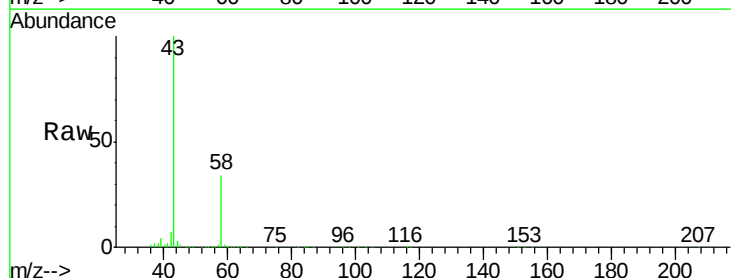
RT: 2.42 min Scan# 218

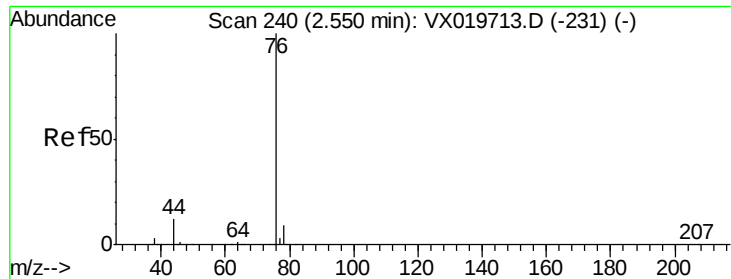
Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion:	43	Resp:	326769
Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.8	41.8





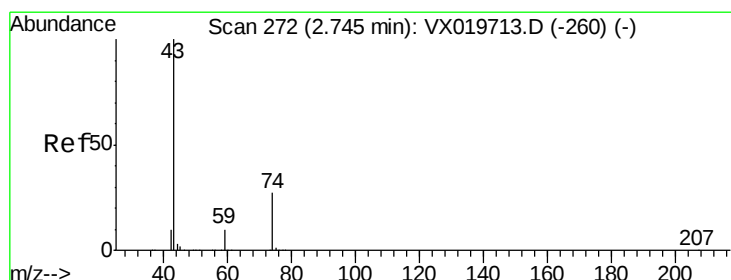
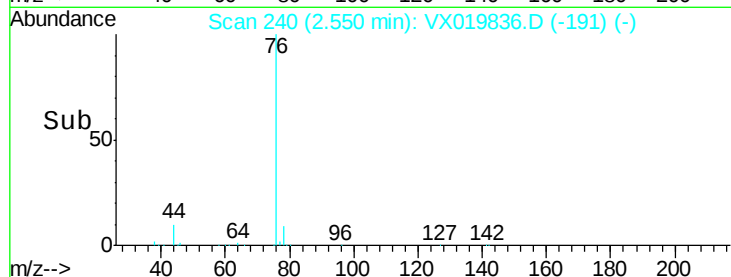
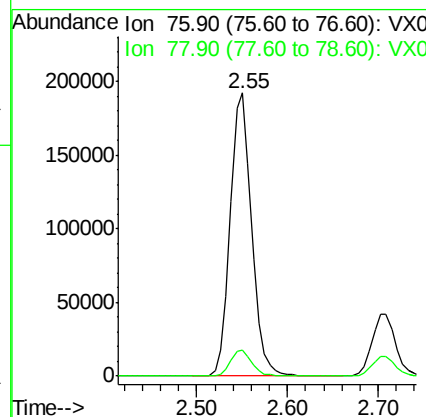
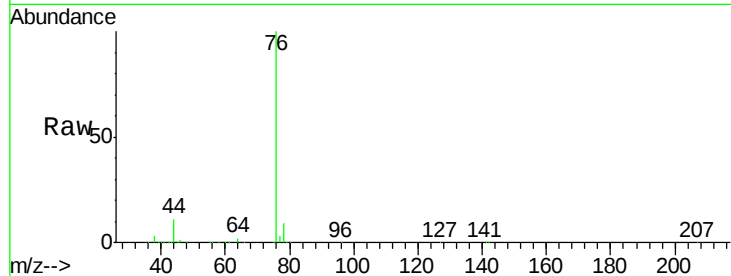
#17
Carbon Disulfide
Concen: 46.154 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
76	100	315519		
78	9.1		7.2	10.8

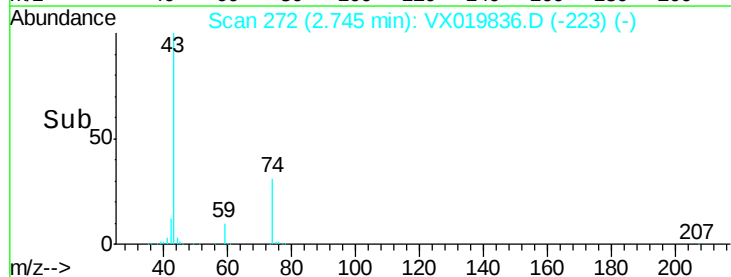
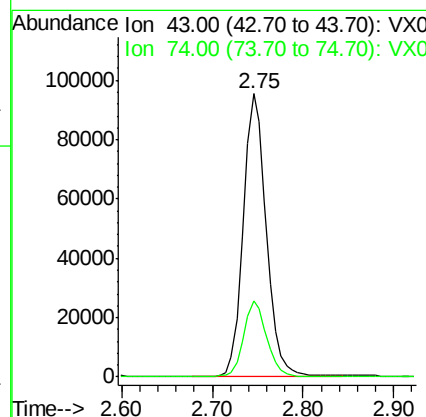
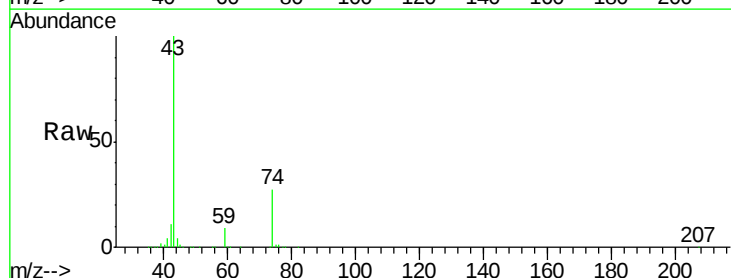
Manual Integrations
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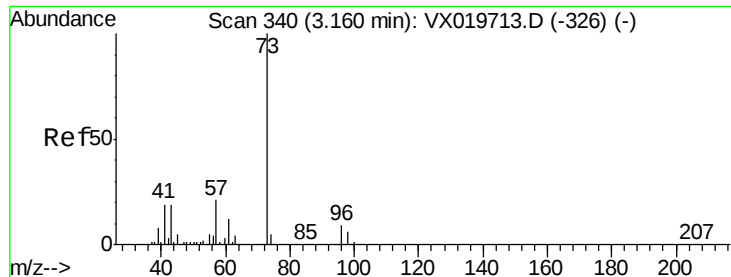
MMDadoda
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#18
Methyl Acetate
Concen: 53.396 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	167854		
74	27.1		21.9	32.9





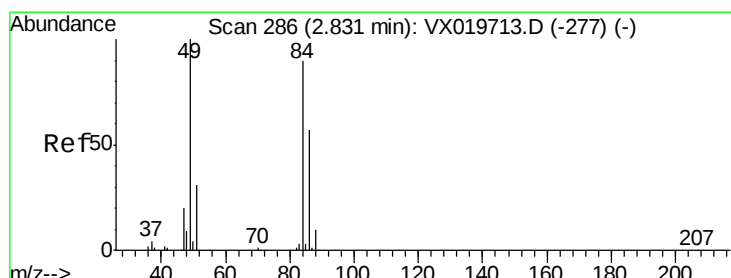
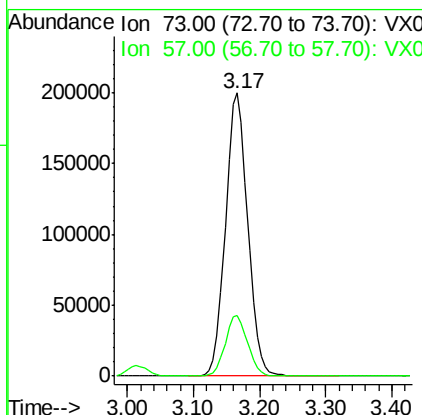
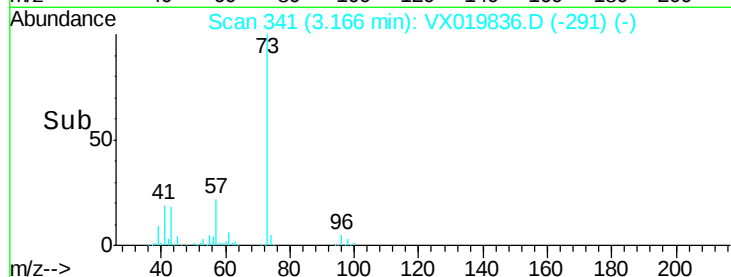
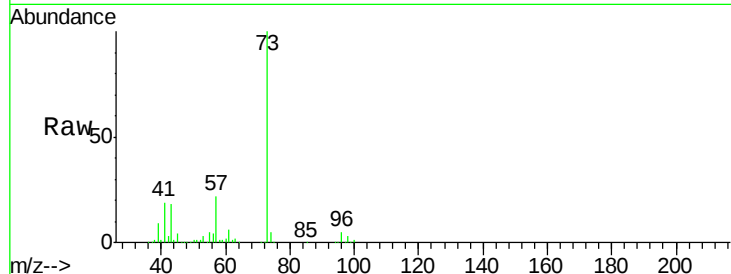
#19
Methvl tert-butvl Ether
Concen: 53.365 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.1	25.7

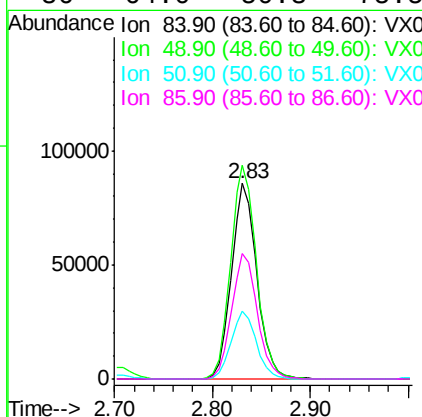
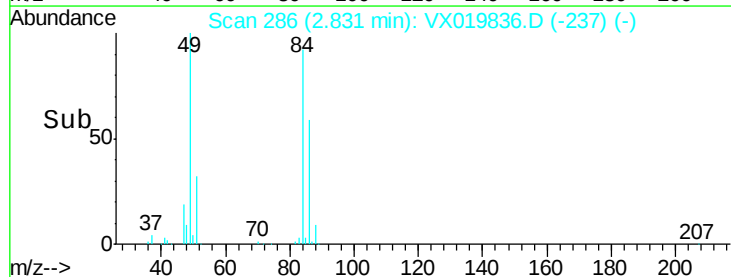
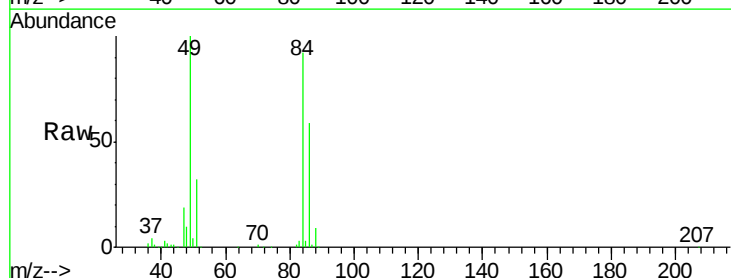
Manual Integrations
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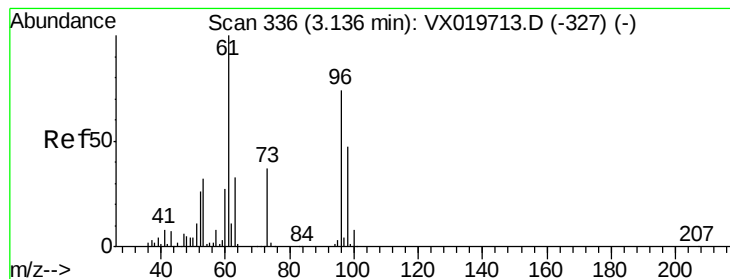
MMDadoda
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#20
Methylene Chloride
Concen: 52.676 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.2	88.6	132.8
51	34.8	27.0	40.6
86	64.0	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 51.214 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 96 Resp: 142257

Ion Ratio Lower Upper

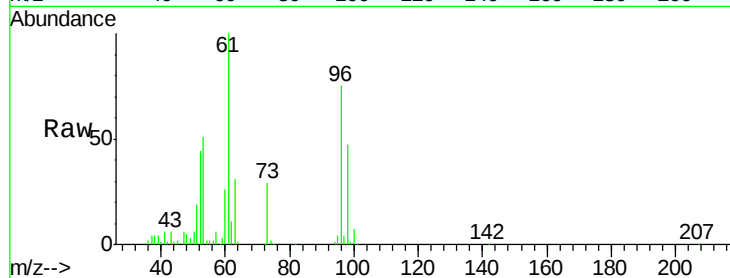
96 100

61 134.0 107.7 161.5

98 62.5 50.4 75.6

Manual Integrations
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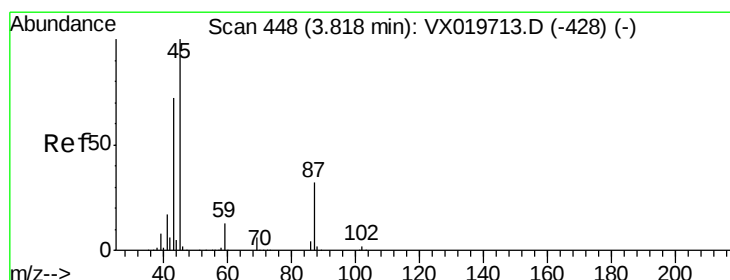
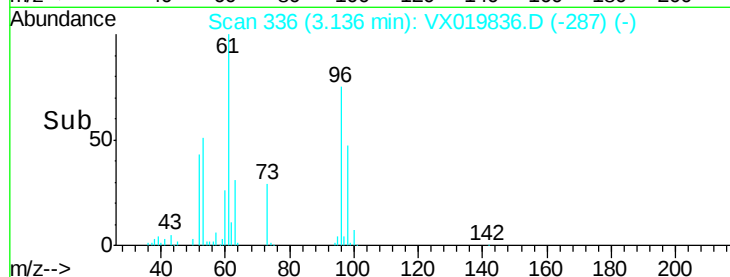
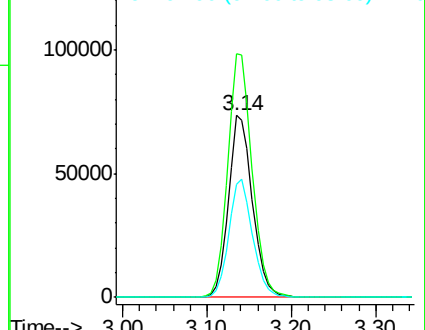
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.155 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion: 45 Resp: 440585

Ion Ratio Lower Upper

45 100

43 62.5 58.0 87.0

87 30.9 25.4 38.0

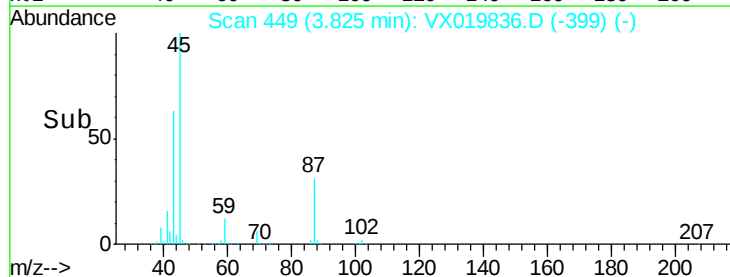
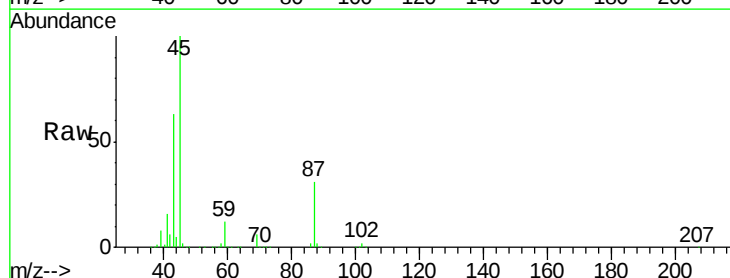
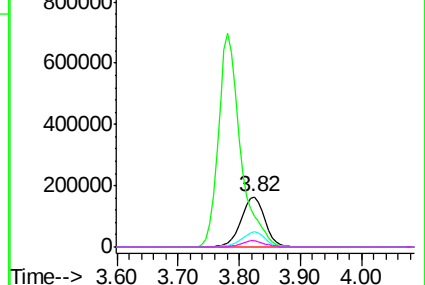
59 12.5 10.2 15.2

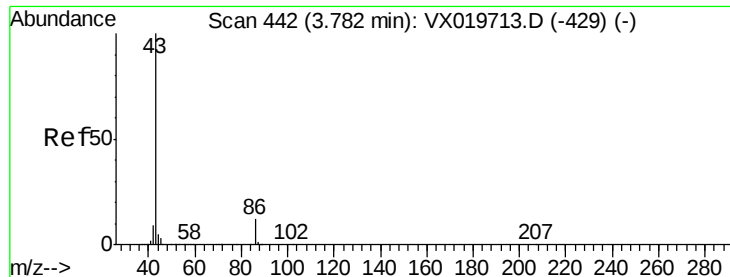
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.421 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 43 Resp: 1770389

Ion Ratio Lower Upper

43 100

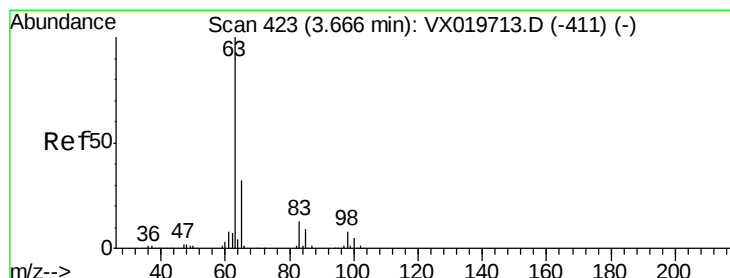
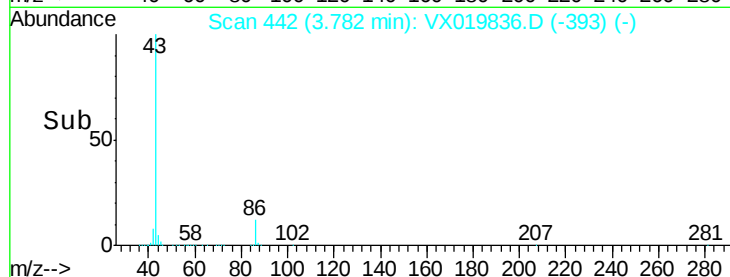
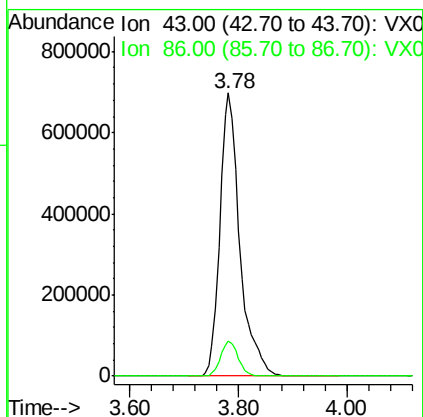
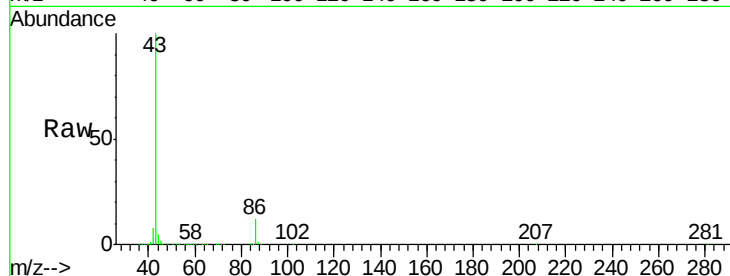
86 12.5 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.329 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

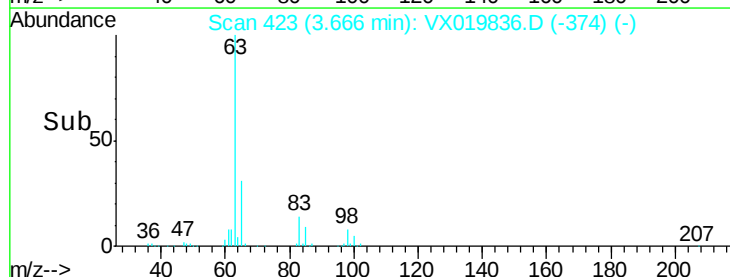
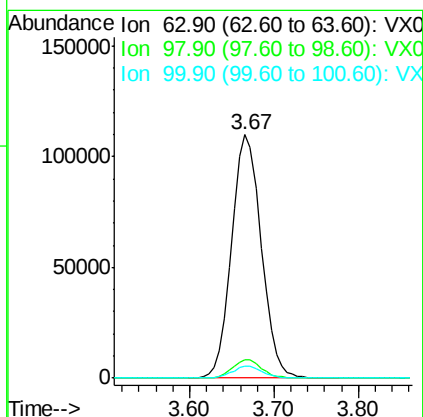
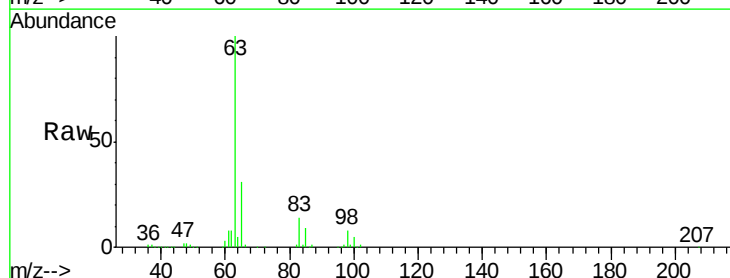
Tgt Ion: 63 Resp: 261637

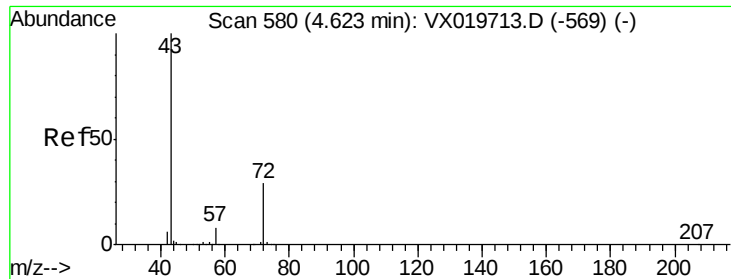
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 271.116 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 43 Resp: 535171

Ion Ratio Lower Upper

43 100

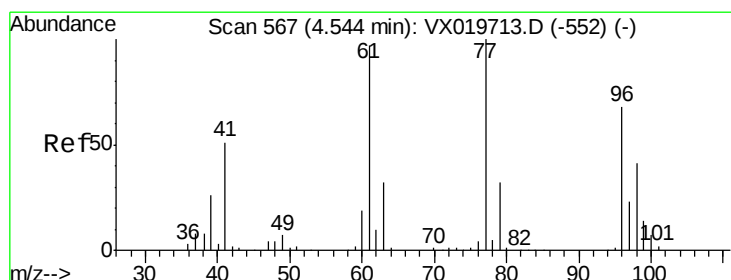
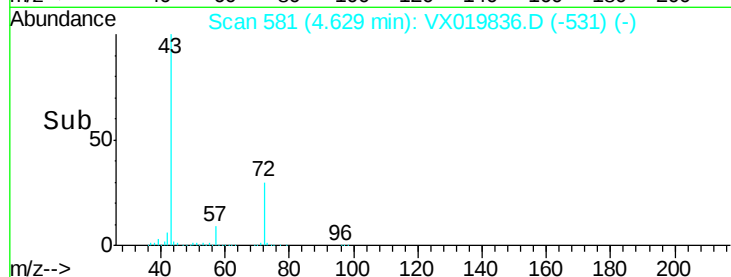
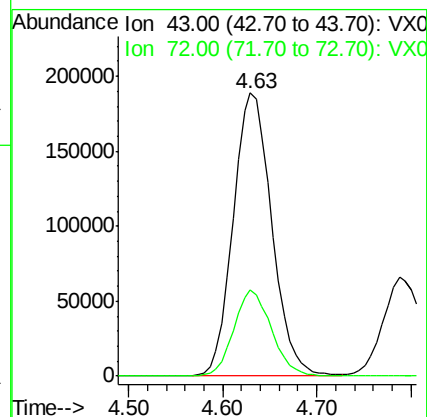
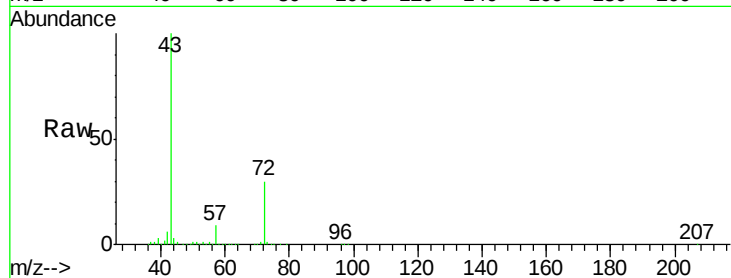
72 30.4 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.318 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019836.D

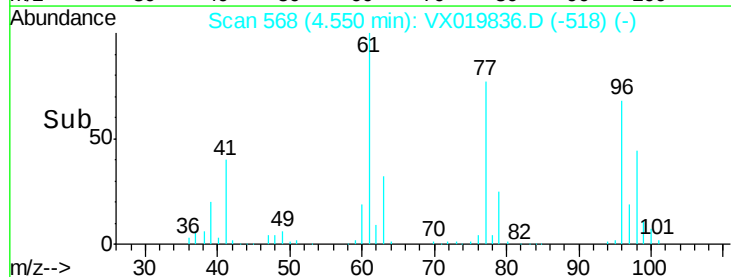
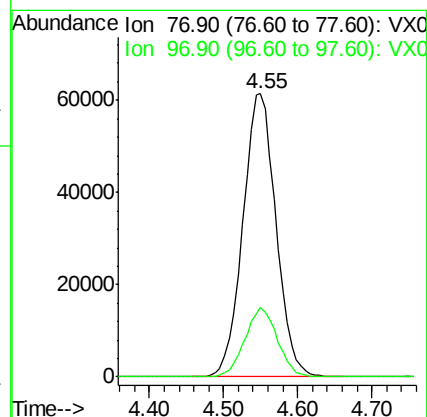
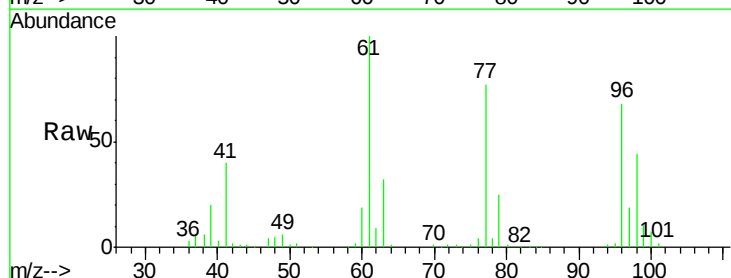
Acq: 10 Dec 2020 19:23

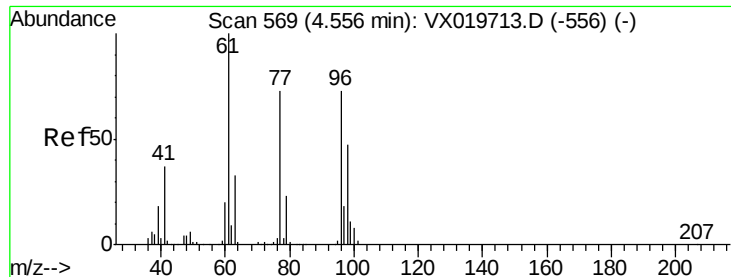
Tgt Ion: 77 Resp: 191467

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1





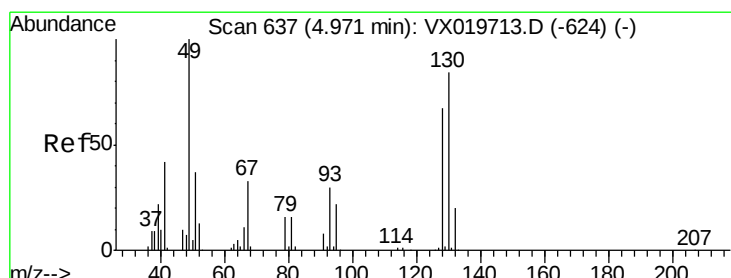
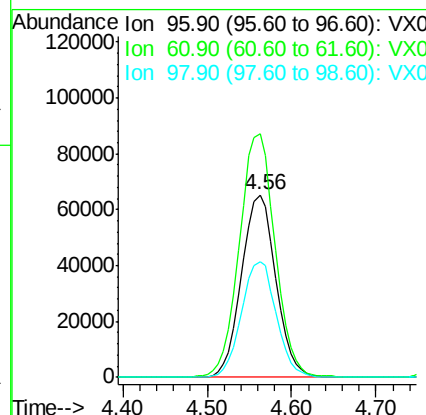
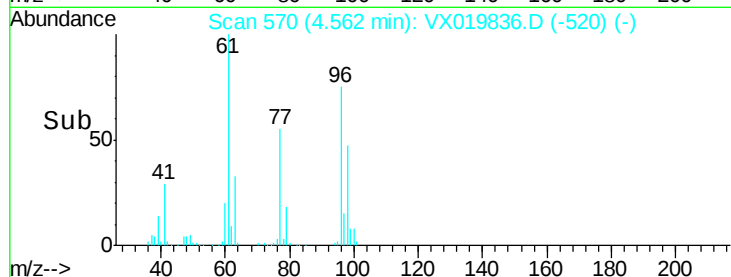
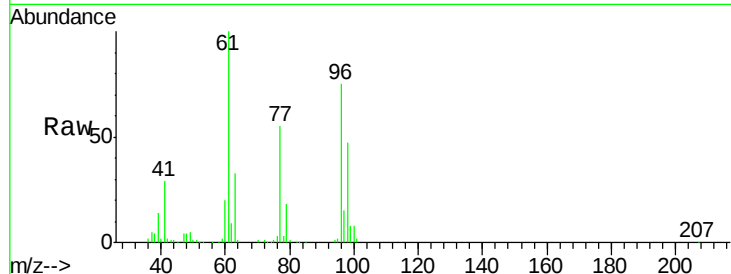
#27
cis-1,2-Dichloroethene
Concen: 55.413 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.4	0.0	285.6	
98	64.5	0.0	129.6	

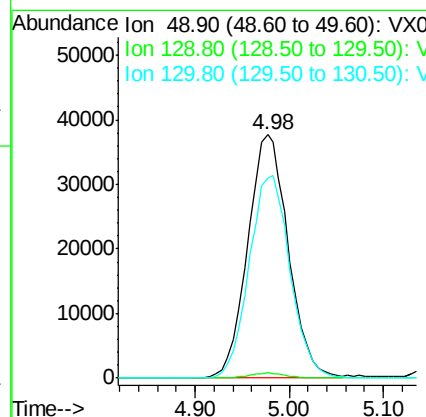
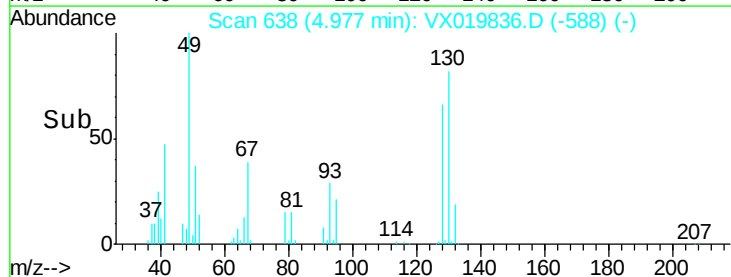
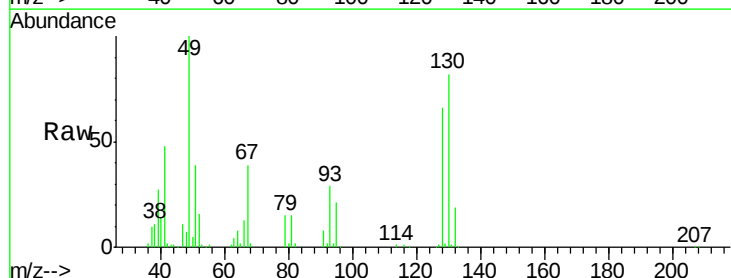
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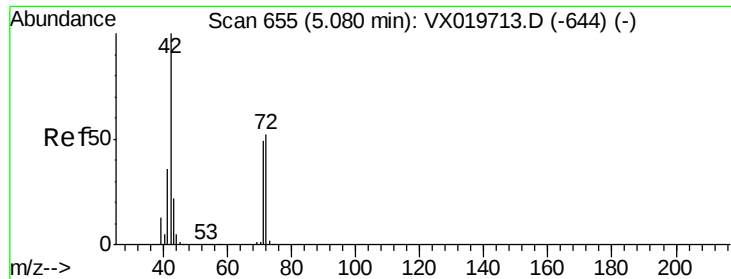
MMDadoda
12/11/2020 5:36:26 PM



#28
Bromochloromethane
Concen: 48.542 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	84.2	68.2	102.2	





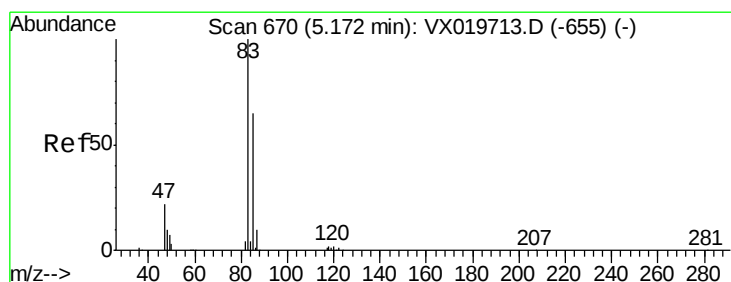
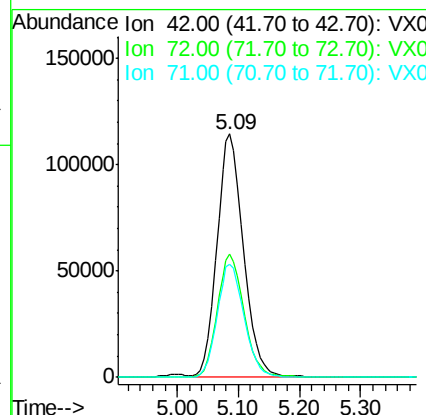
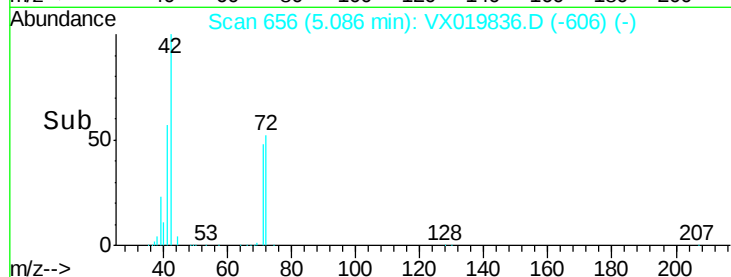
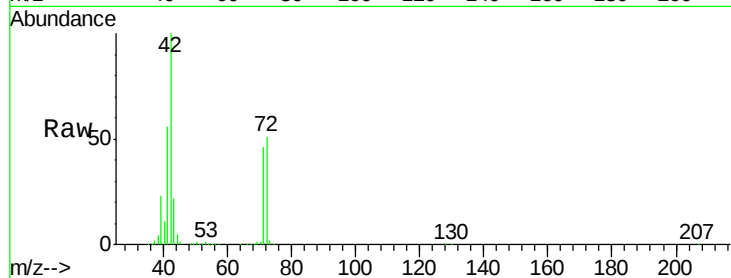
#29
Tetrahydrofuran
Concen: 271.776 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	41.7	62.5
71	47.2	38.4	57.6

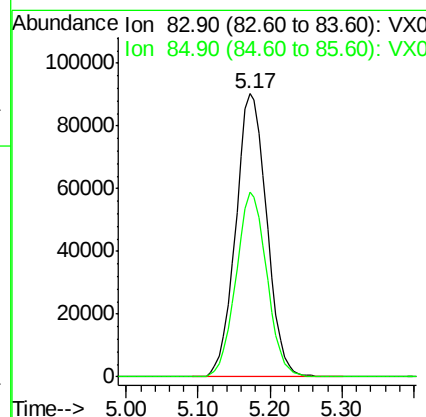
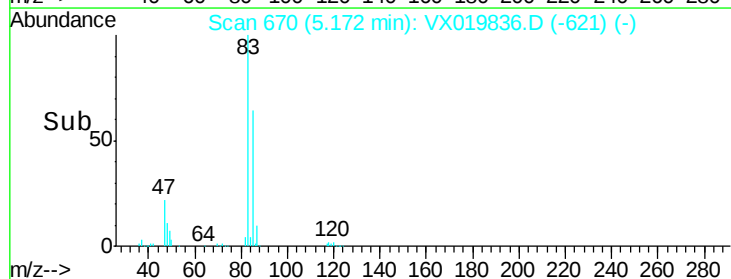
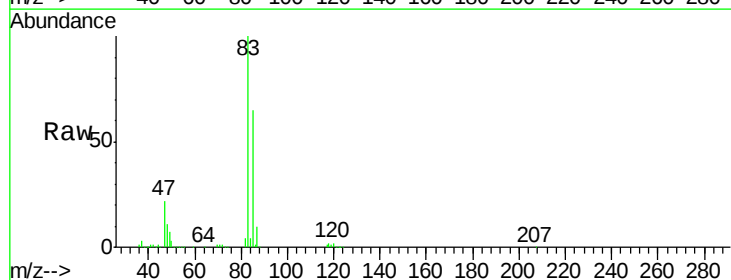
Manual Integrations
APPROVED

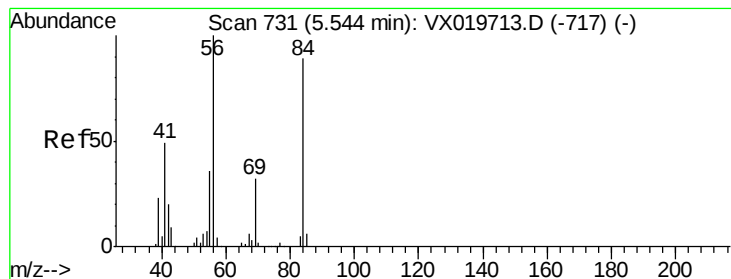
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#30
Chloroform
Concen: 53.586 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.0	78.0





#31

Cyclohexane

Concen: 51.807 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

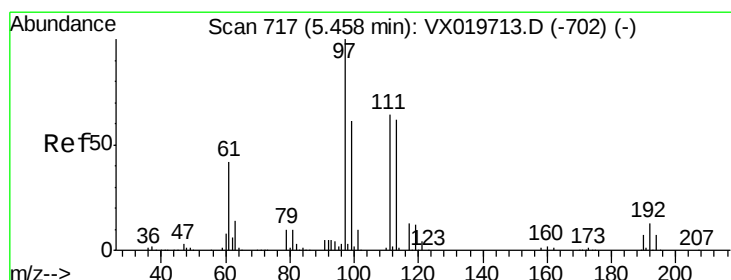
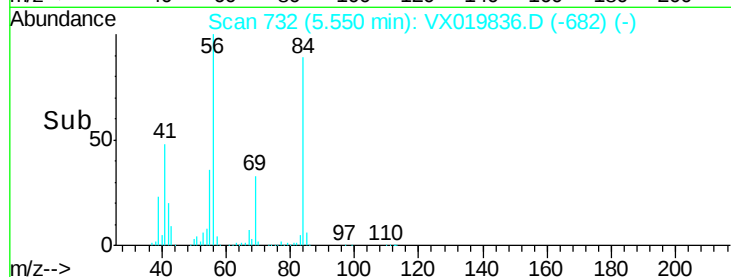
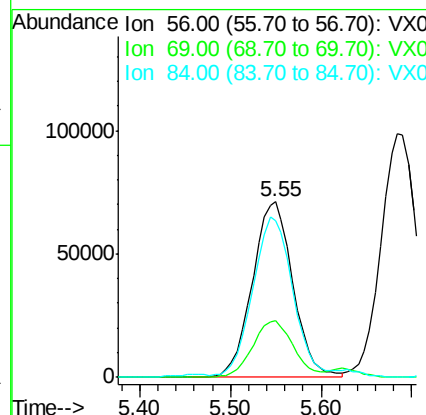
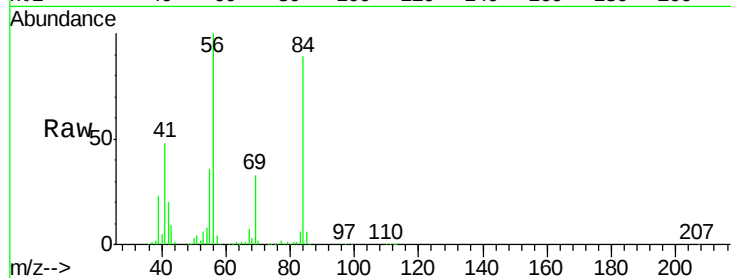
ClientSampleId :

RE135D3-20201208MSD

Tot Ion:	56	Resp:	220247
Ion Ratio	Lower	Upper	
56	100		
69	32.7	25.3	37.9
84	87.9	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.157 ug/l

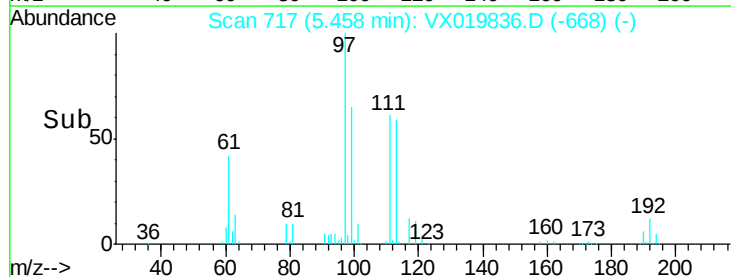
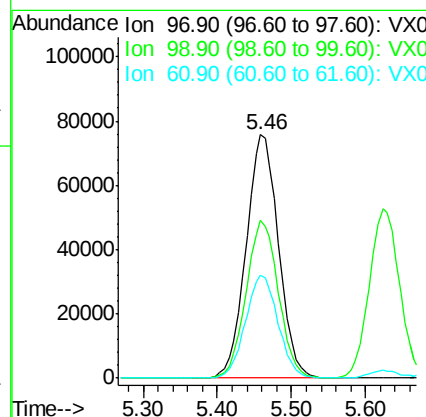
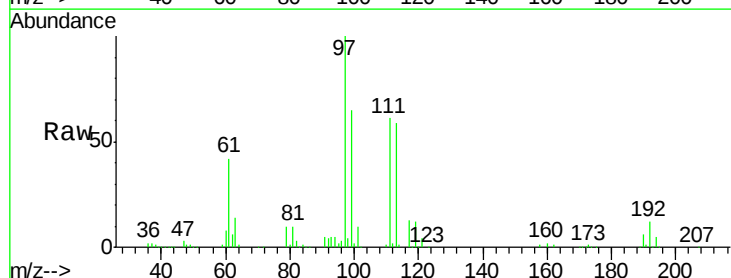
RT: 5.46 min Scan# 717

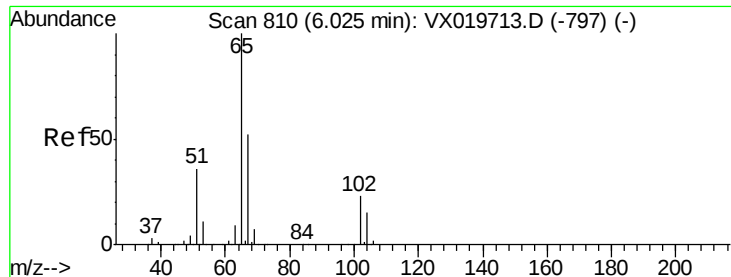
Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion:	97	Resp:	230928
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.5	77.3
61	42.5	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 47.309 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 65 Resp: 161686

Ion Ratio Lower Upper

65 100

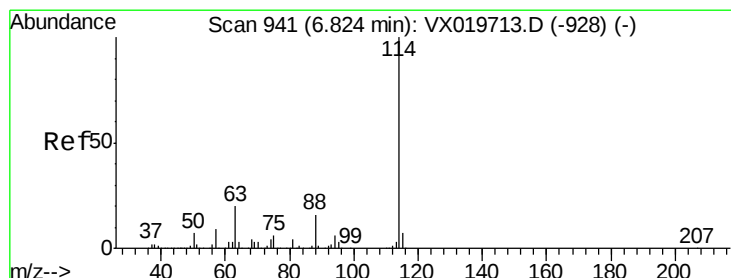
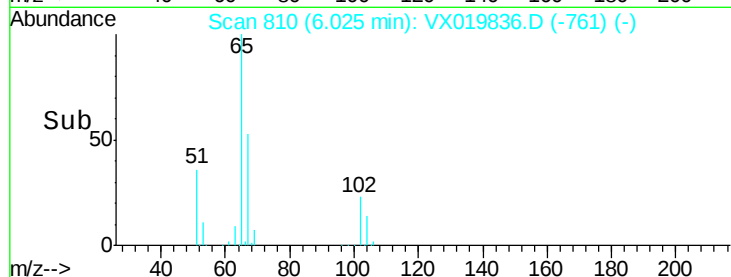
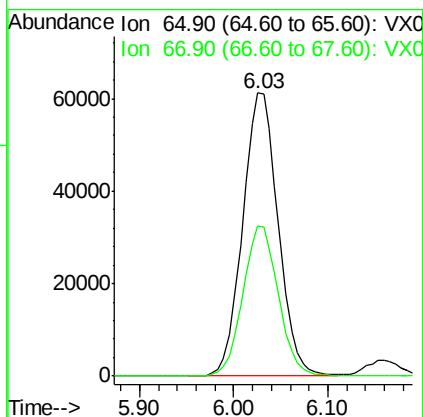
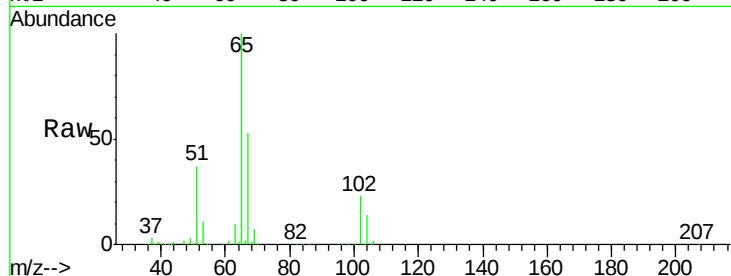
67 52.9 0.0 105.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

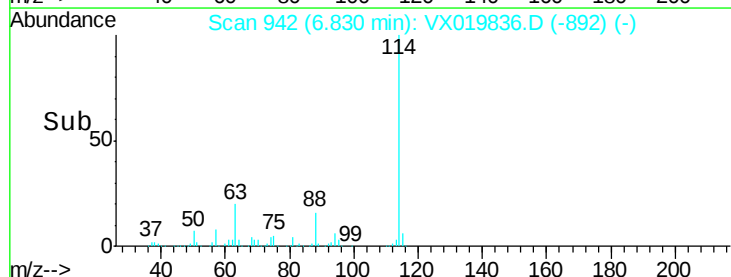
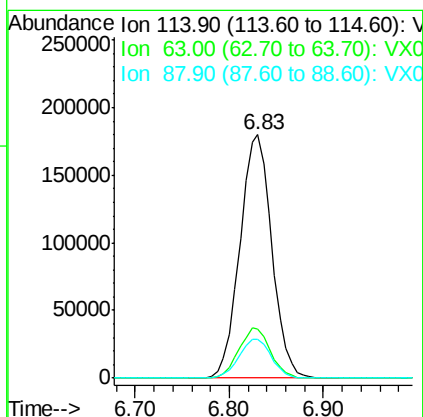
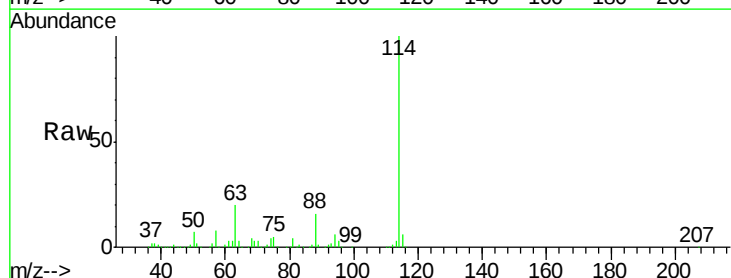
Tgt Ion: 114 Resp: 426160

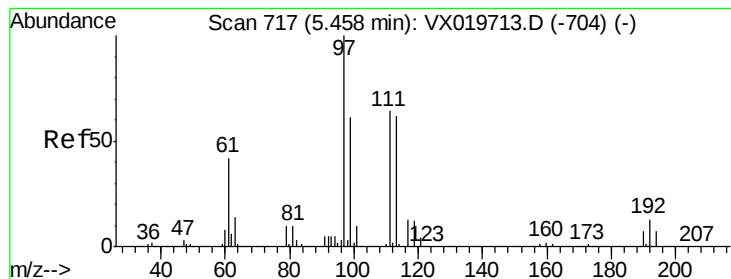
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.788 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

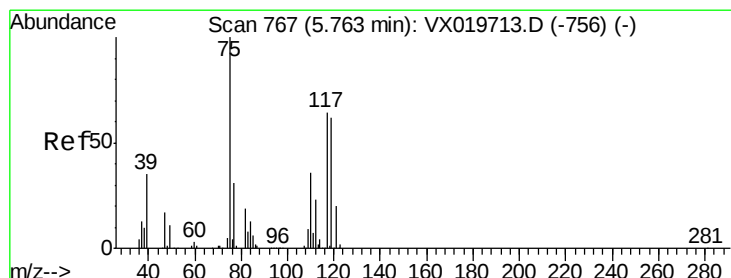
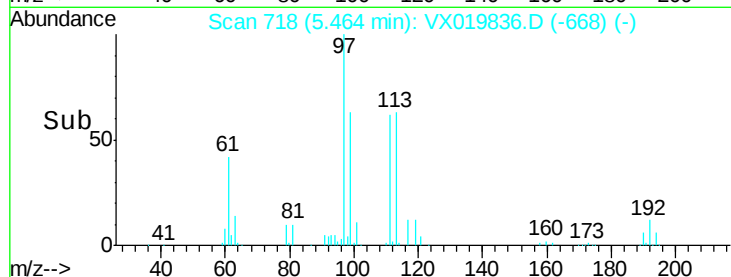
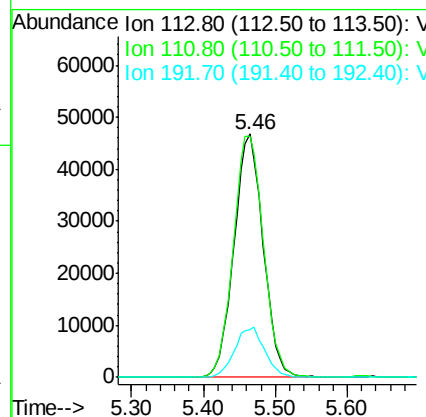
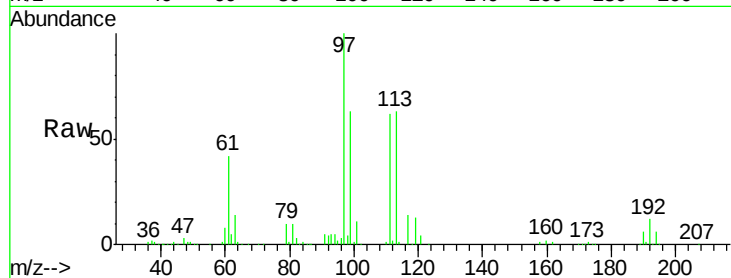
ClientSampleId :

RE135D3-20201208MSD

Tot Ion:	113	Resp:	131619
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.9	122.9
192	21.0	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 50.095 ug/l

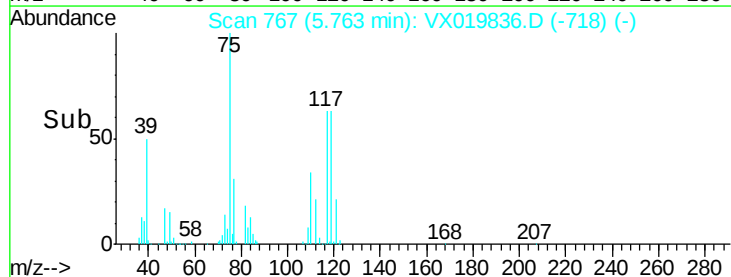
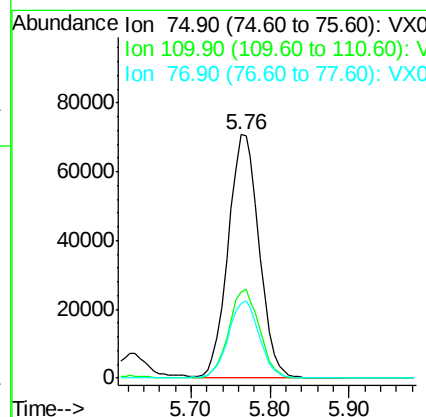
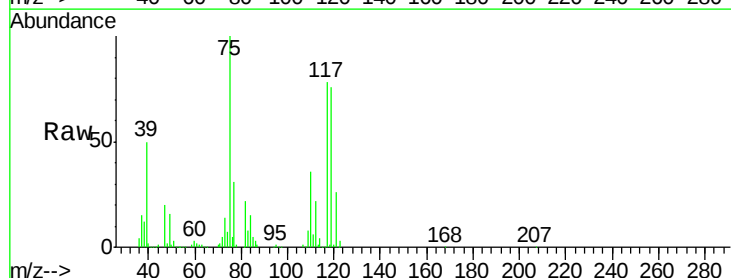
RT: 5.76 min Scan# 767

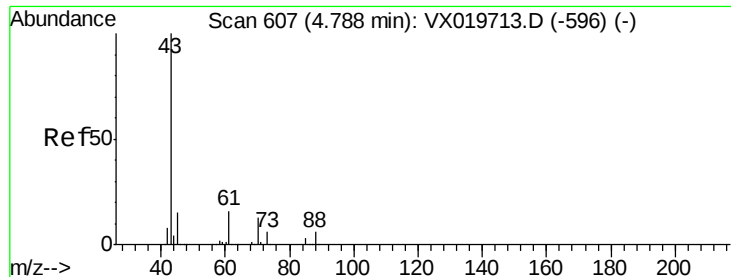
Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion:	75	Resp:	192912
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.4
77	31.8	25.3	37.9





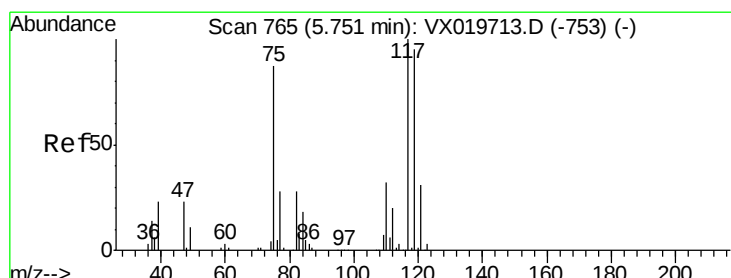
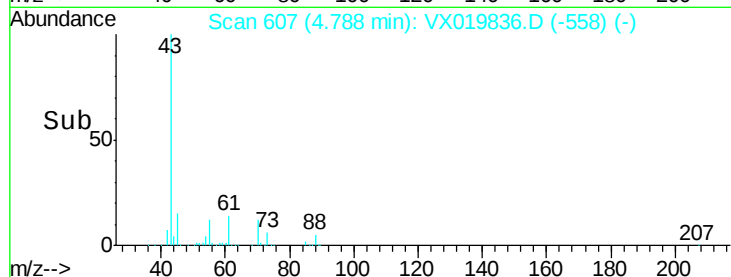
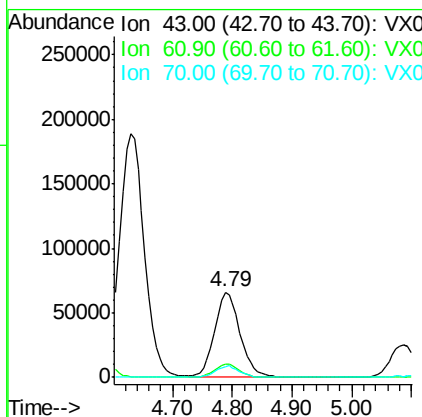
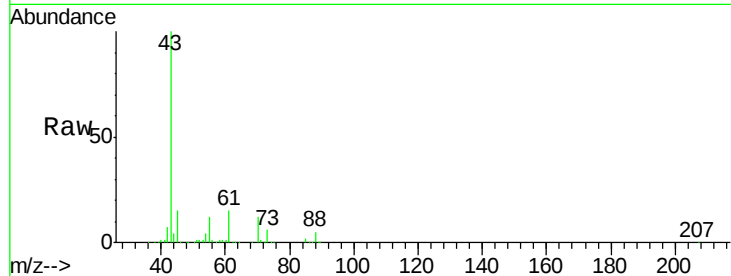
#37
Ethyl Acetate
Concen: 49.882 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	12.9	10.5	15.7

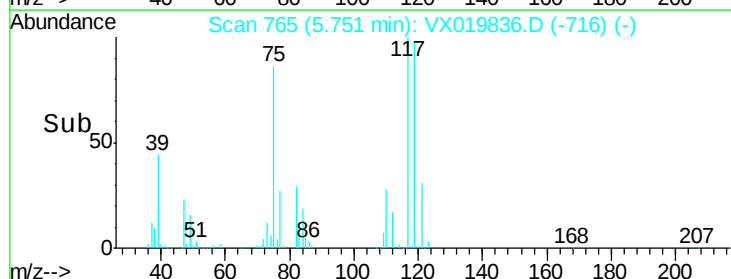
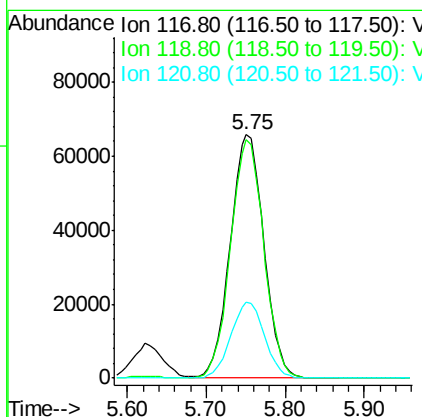
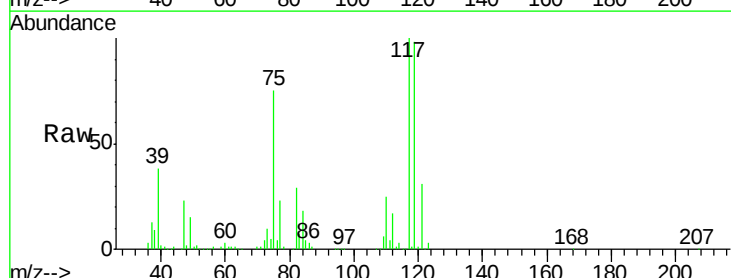
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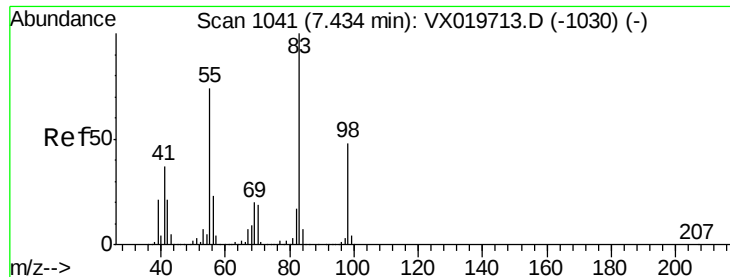
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#38
Carbon Tetrachloride
Concen: 51.777 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.2	114.2
121	31.0	24.8	37.2





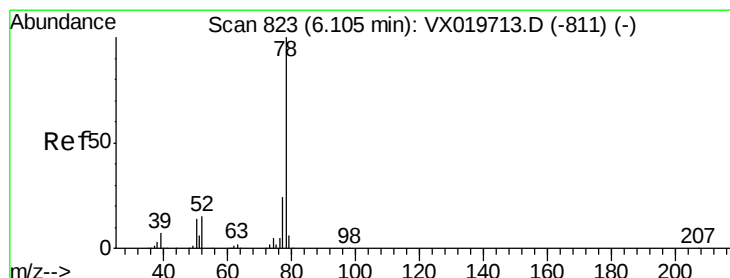
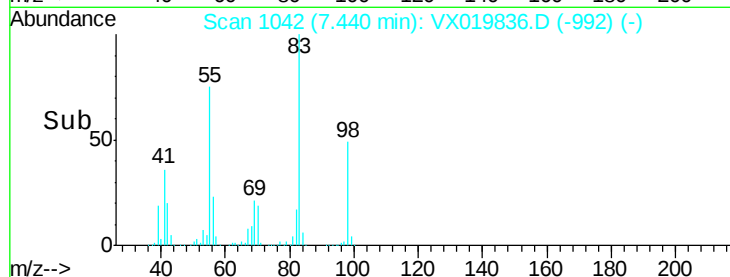
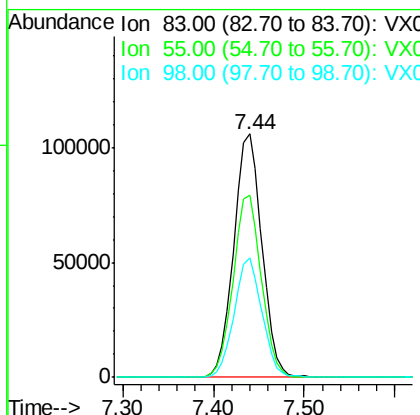
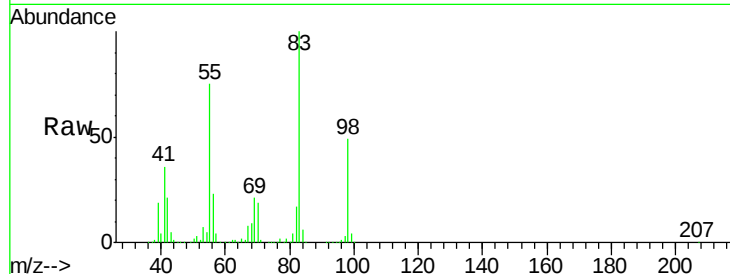
#39
Methvlcvclohexane
Concen: 50.378 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	227931		
55	74.6		58.9	88.3
98	49.0		38.1	57.1

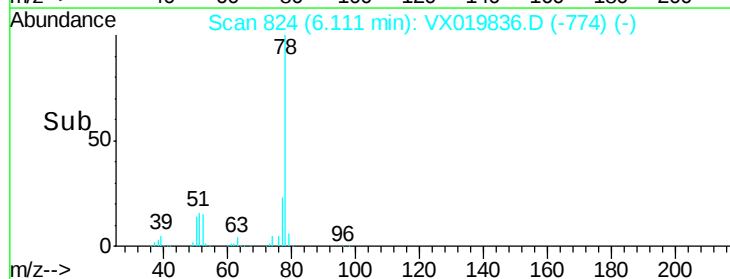
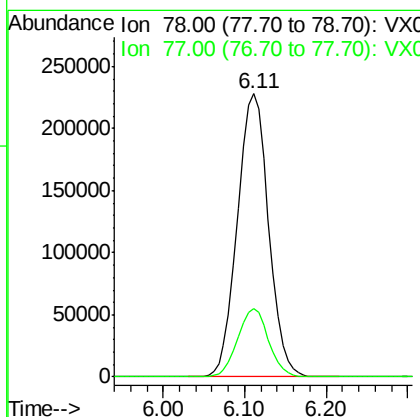
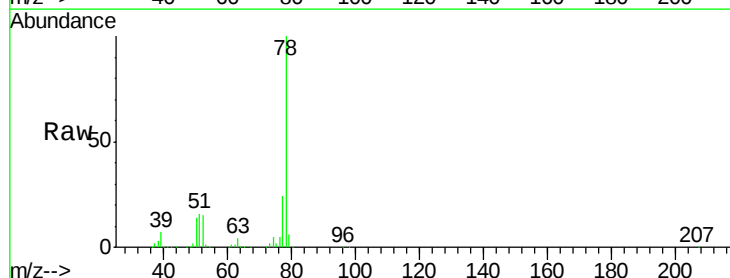
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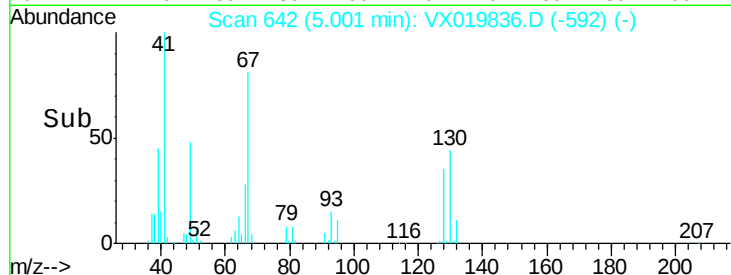
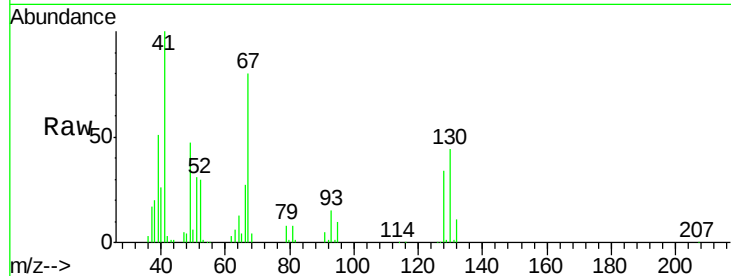
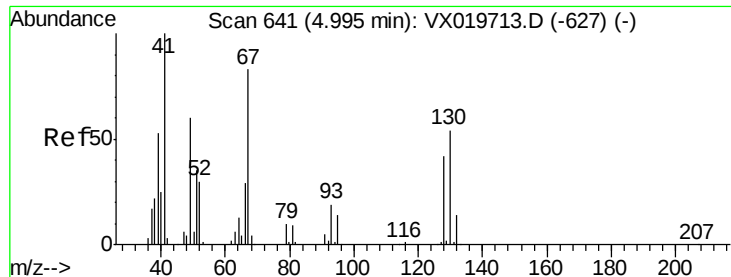
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#40
Benzene
Concen: 51.390 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	604526		
77	24.0		18.9	28.3





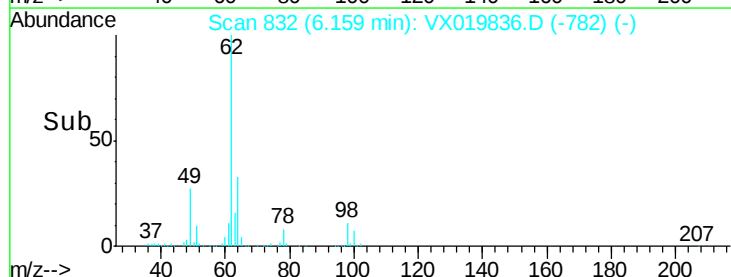
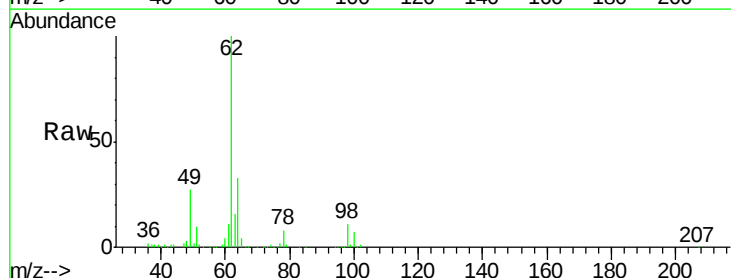
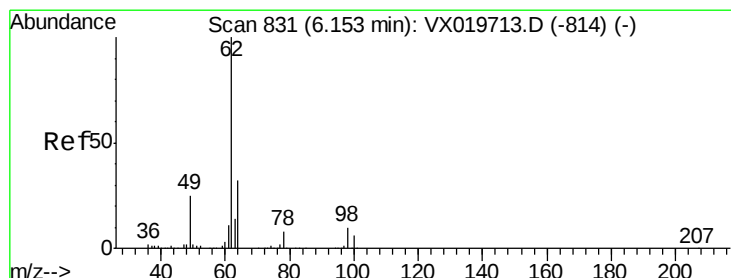
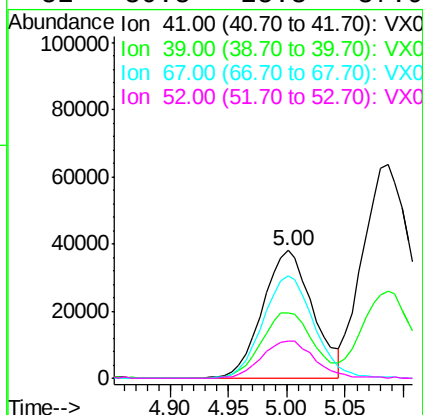
#41
Methacrylonitrile
Concen: 53.153 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.7	42.5	63.7		
67	81.8	65.0	97.6		
52	30.8	25.3	37.9		

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

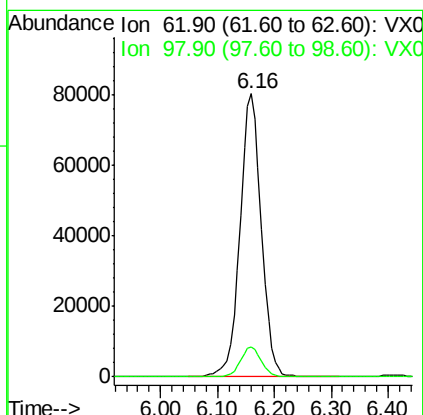
Manual Integrations
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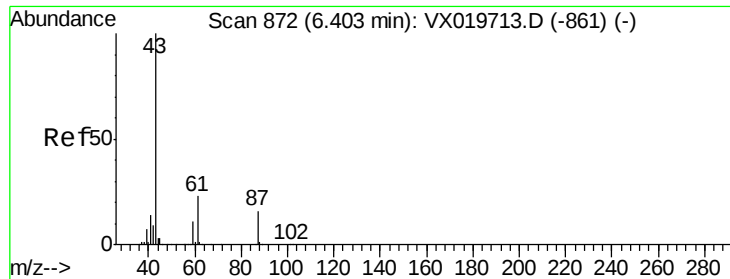
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#42
1,2-Dichloroethane
Concen: 52.327 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.2	0.0	20.2		





#43

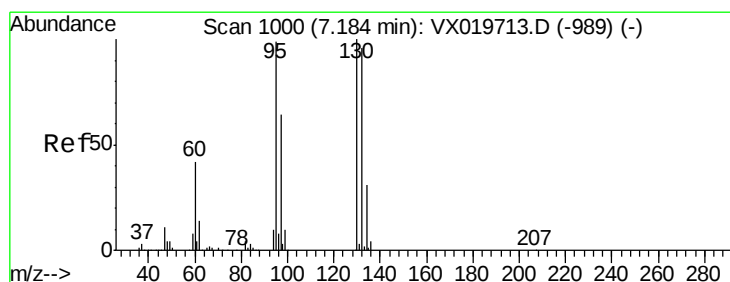
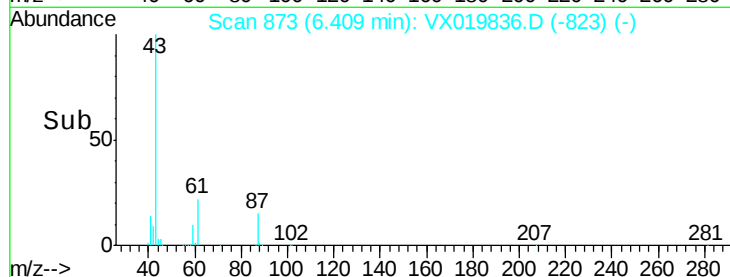
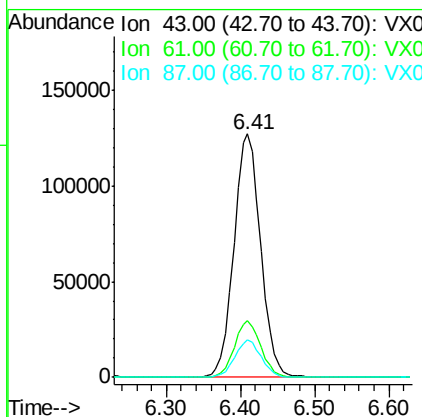
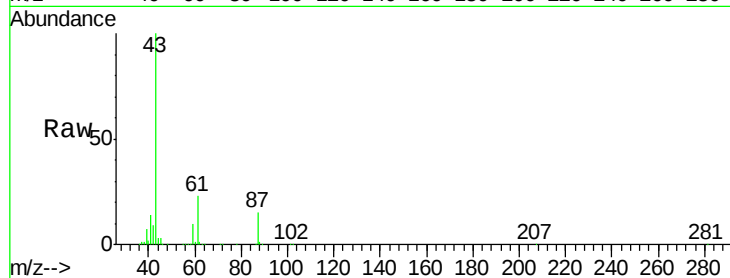
Isopropyl Acetate
 Concen: 50.346 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.4
87	15.3	12.5	18.7

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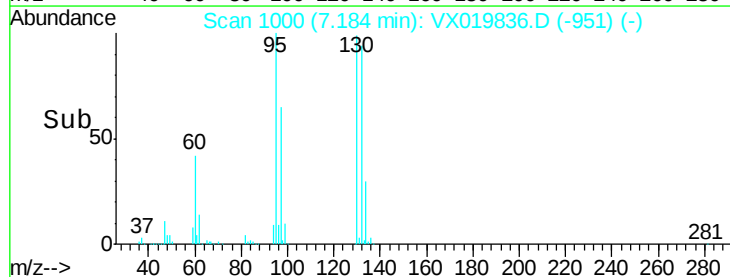
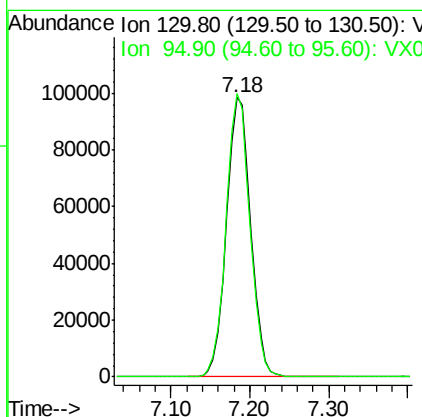
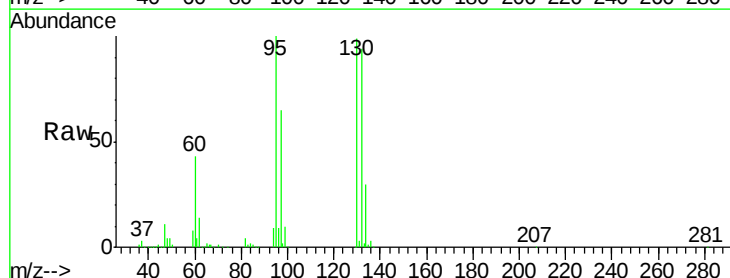
MMDadoda
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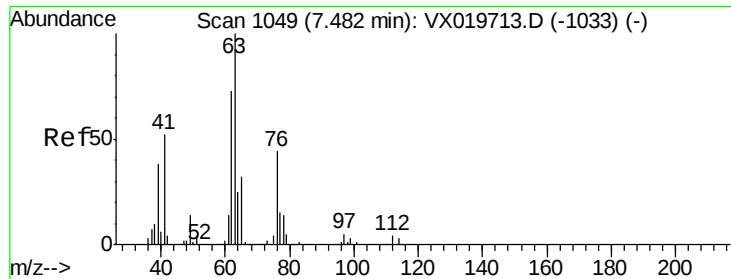


#44

Trichloroethene
 Concen: 68.166 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	198.0





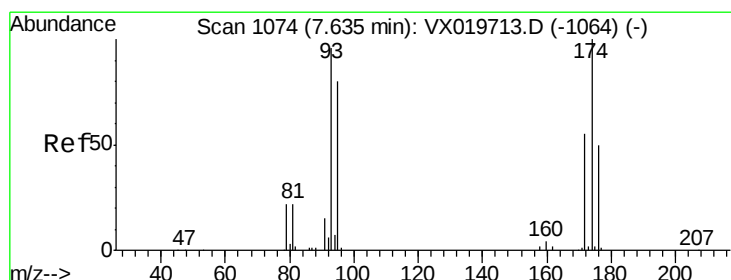
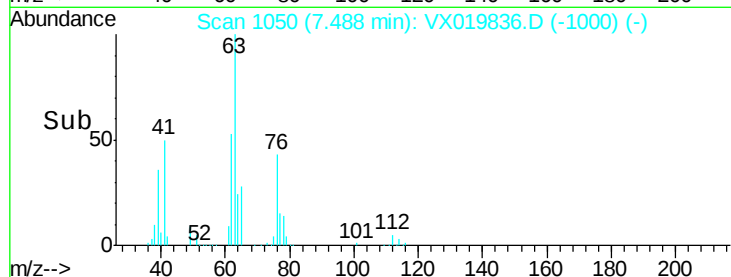
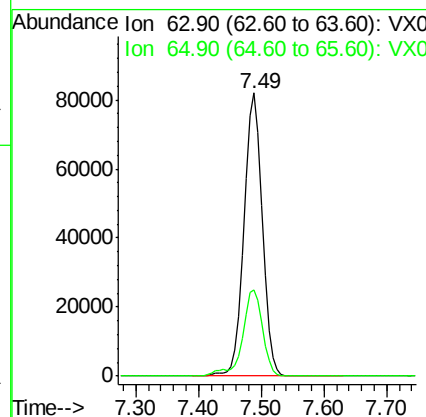
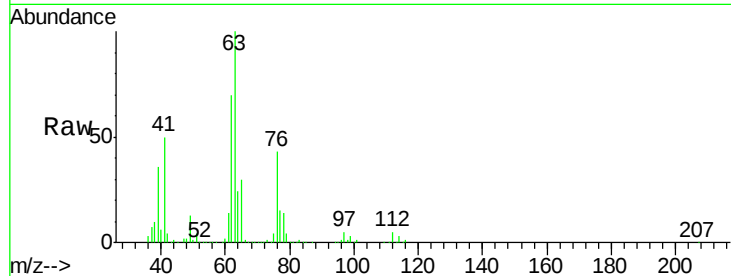
#45
 1,2-Dichloropropane
 Concen: 56.404 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Tot Ion: 63 Resp: 165829
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.7 38.5

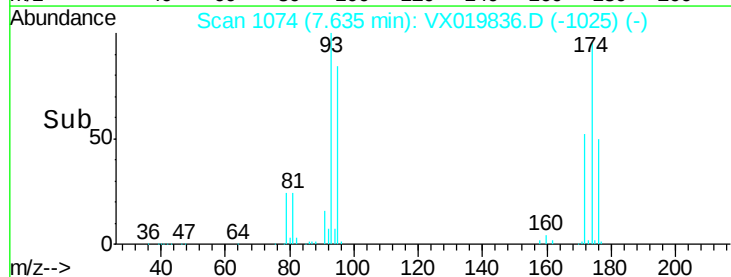
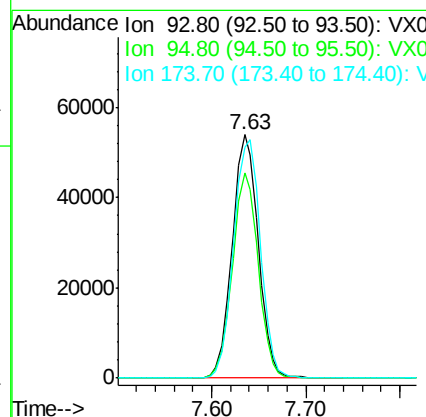
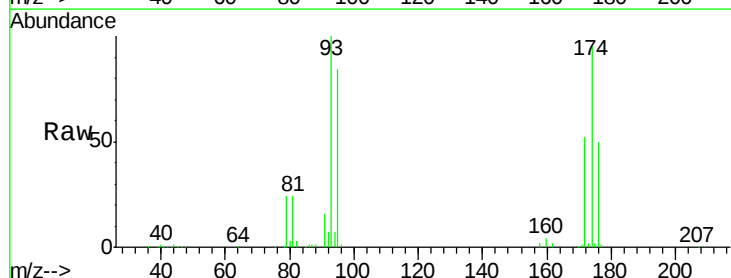
Manual Integrations
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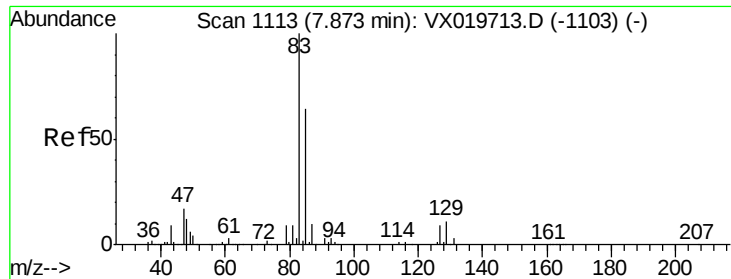
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#46
 Dibromomethane
 Concen: 52.252 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 93 Resp: 103743
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 101.8 83.1 124.7





#47

Bromodichloromethane

Concen: 52.680 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

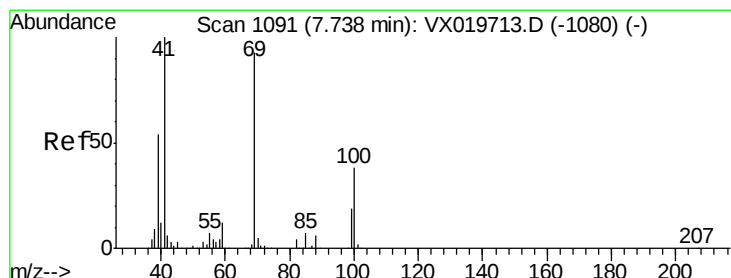
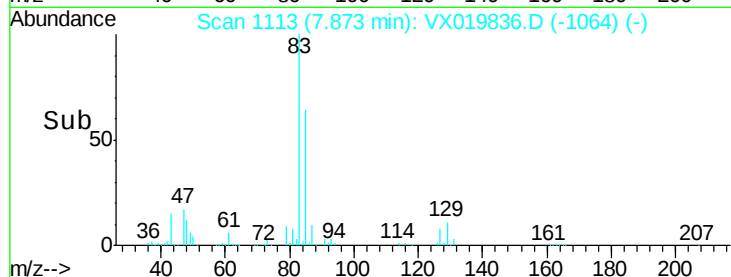
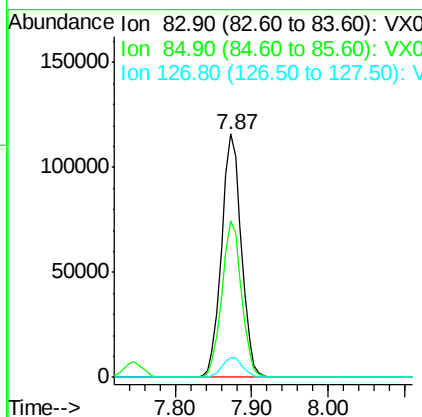
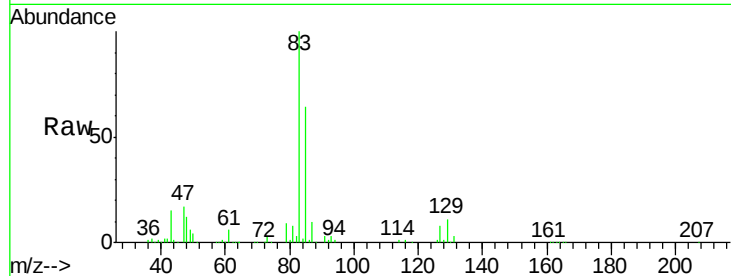
ClientSampleId :

RE135D3-20201208MSD

Tot Ion:	83	Resp:	207543
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.4	77.0
127	8.2	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.812 ug/l

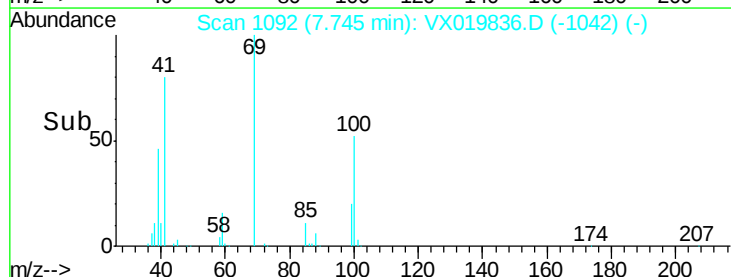
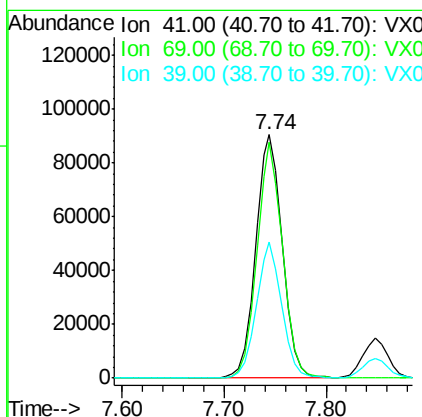
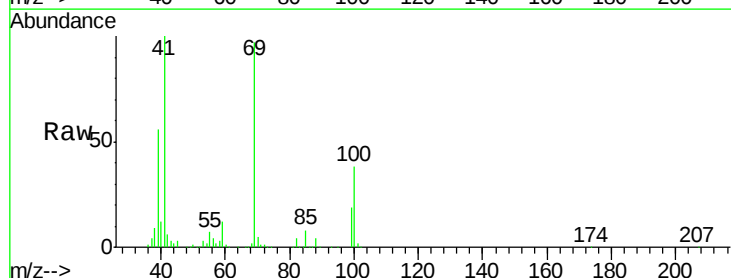
RT: 7.74 min Scan# 1092

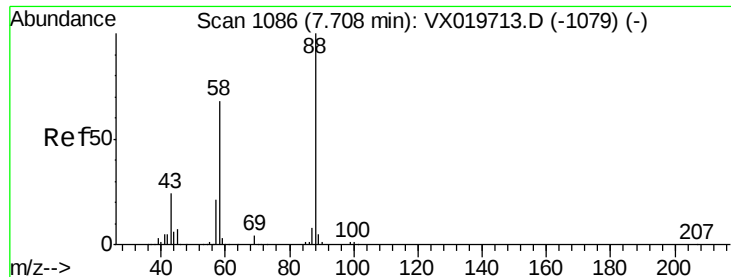
Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion:	41	Resp:	164189
Ion Ratio	Lower	Upper	
41	100		
69	93.3	76.0	114.0
39	53.5	44.6	67.0





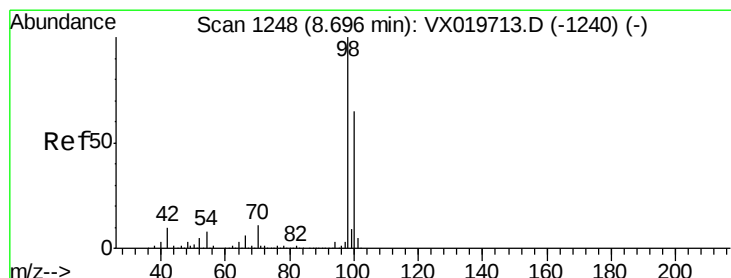
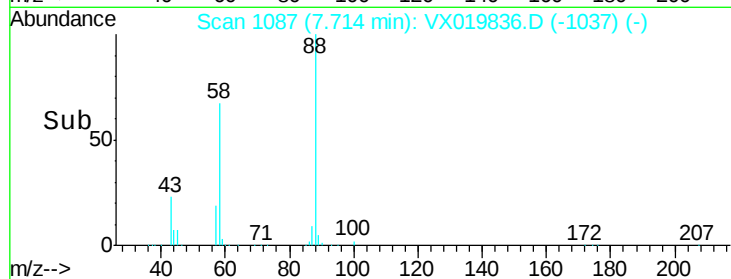
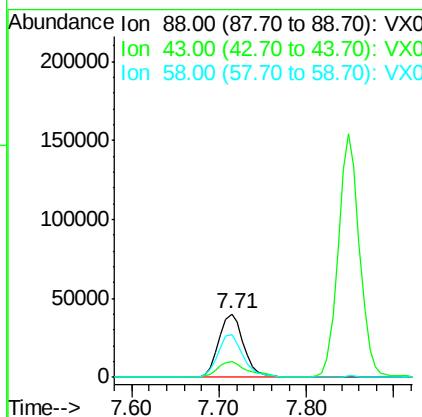
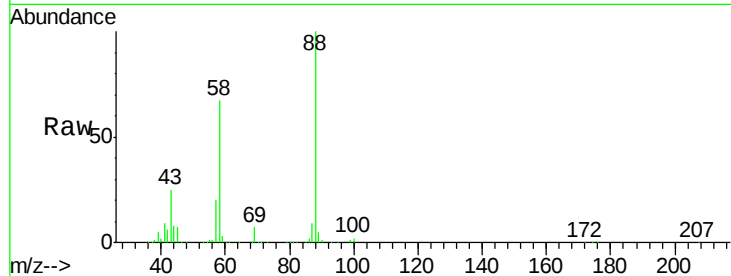
#49
1,4-Dioxane
Concen: 1059.709 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.2	34.8
58	68.4	55.0	82.4

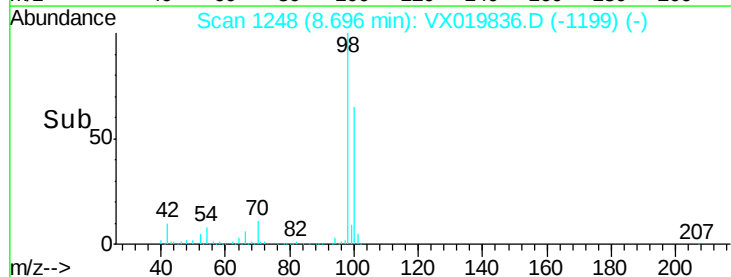
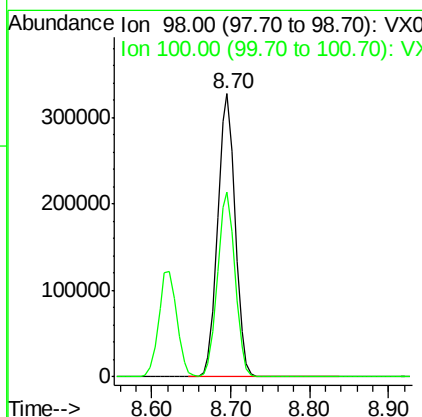
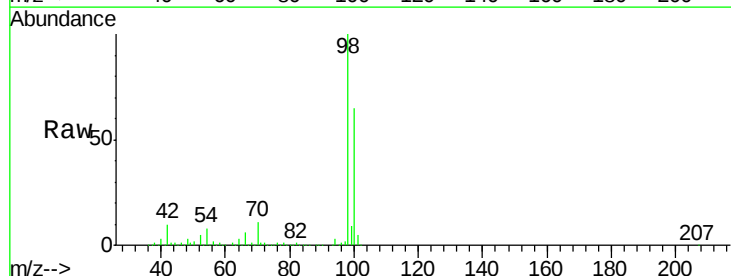
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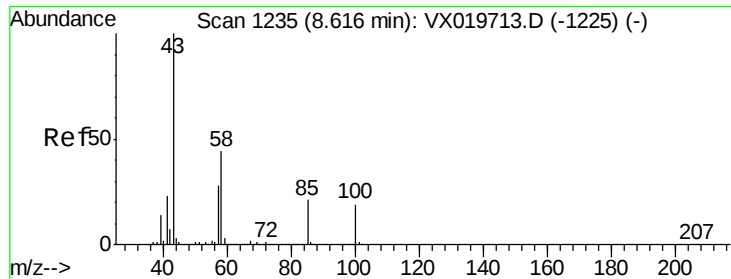
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#50
Toluene-d8
Concen: 48.070 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 270.266 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 43 Resp: 1043059

Ion Ratio Lower Upper

43 100

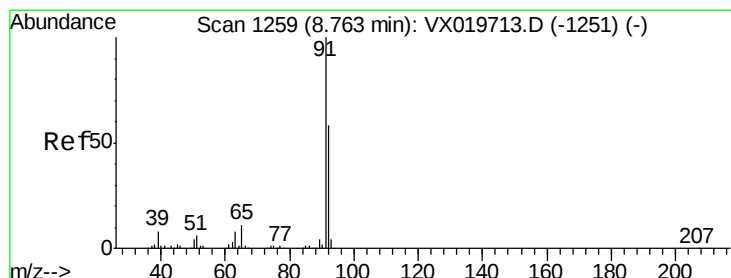
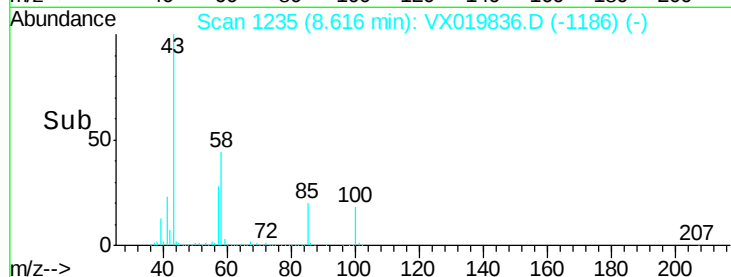
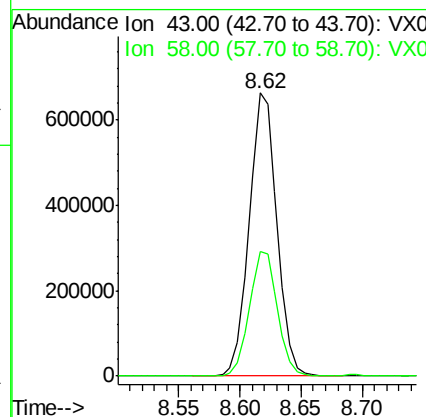
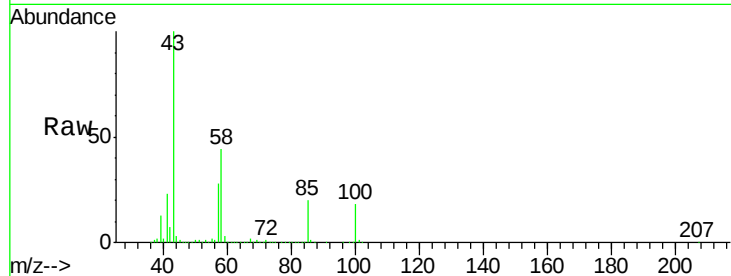
58 44.4 35.4 53.0

Manual Integrations

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#52

Toluene

Concen: 51.559 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019836.D

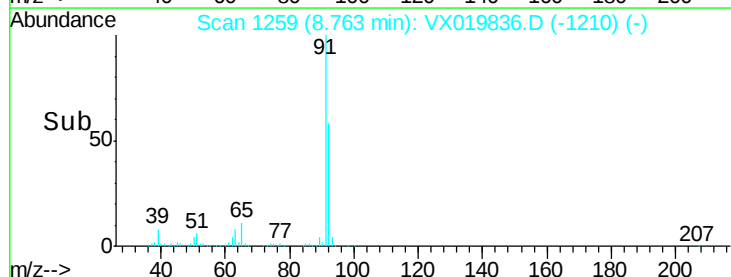
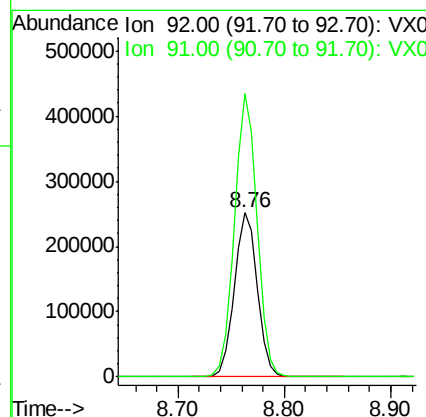
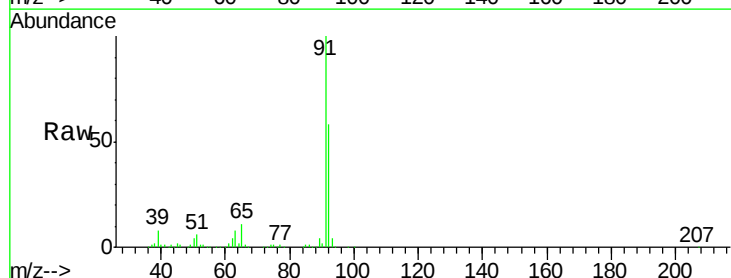
Acq: 10 Dec 2020 19:23

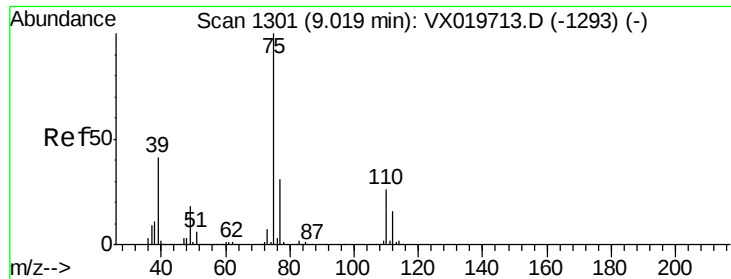
Tgt Ion: 92 Resp: 379334

Ion Ratio Lower Upper

92 100

91 170.5 137.1 205.7





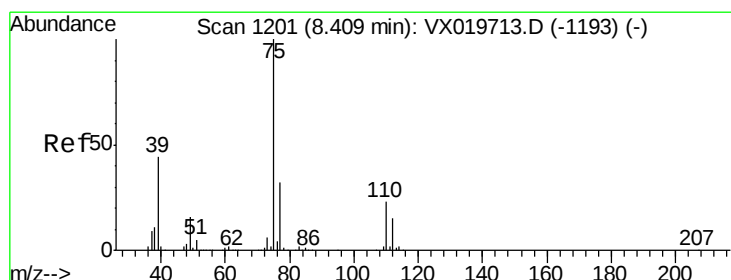
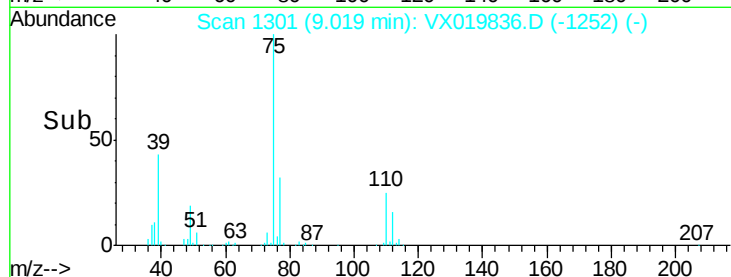
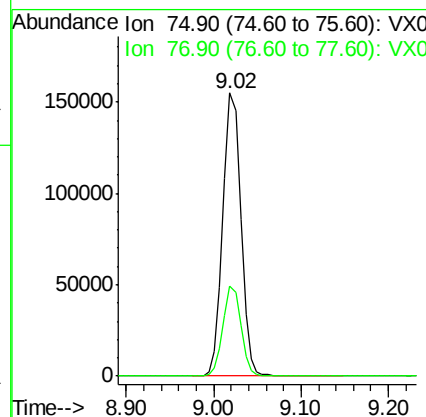
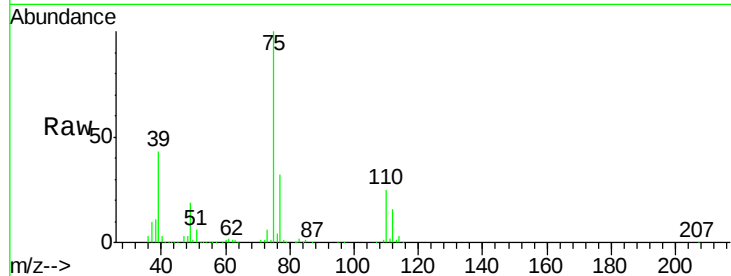
#53
t-1,3-Dichloropropene
Concen: 50.975 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3

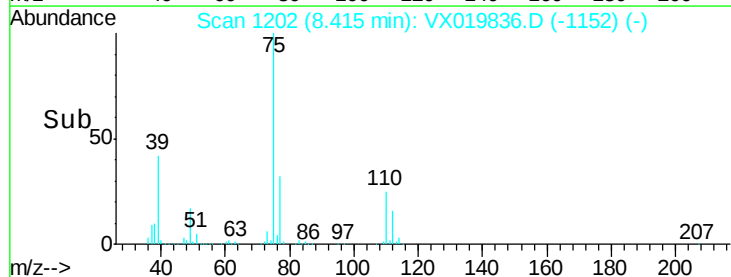
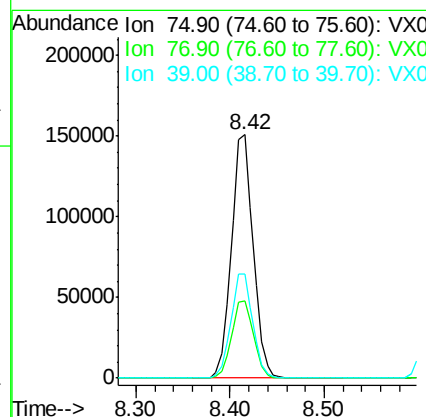
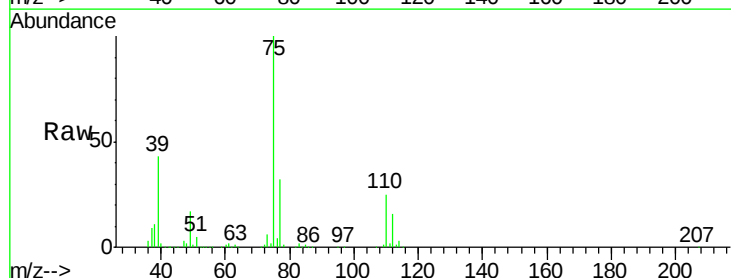
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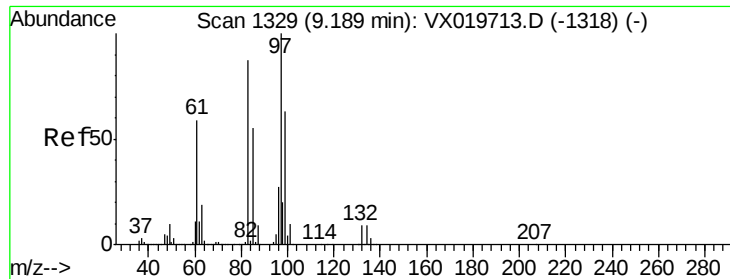
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#54
cis-1,3-Dichloropropene
Concen: 50.752 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5
39	42.5	35.1	52.7





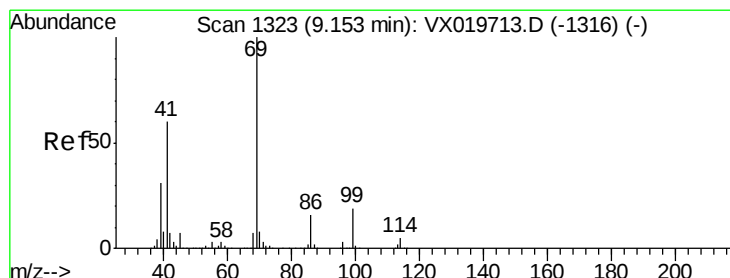
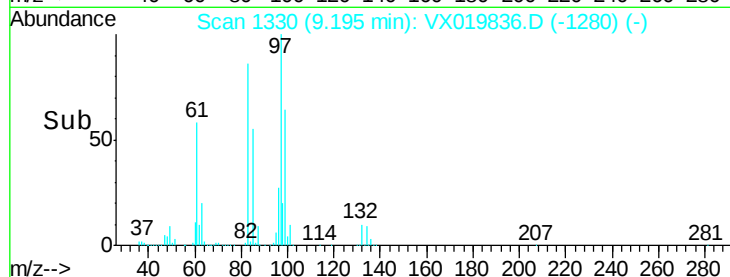
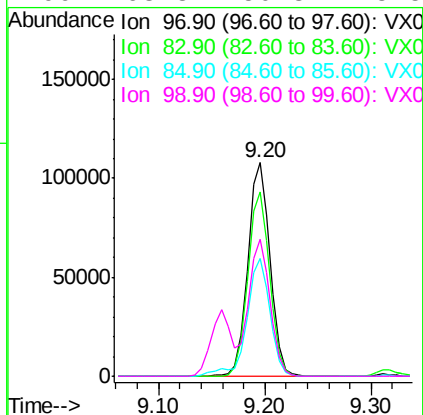
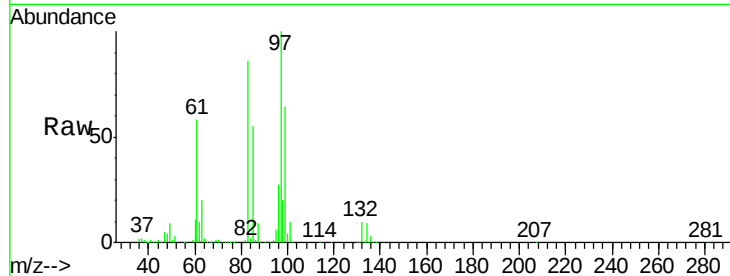
#55
 1,1,2-Trichloroethane
 Concen: 53.100 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		157436		
83	86.4	69.3	103.9		
85	55.0	44.3	66.5		
99	63.8	50.3	75.5		

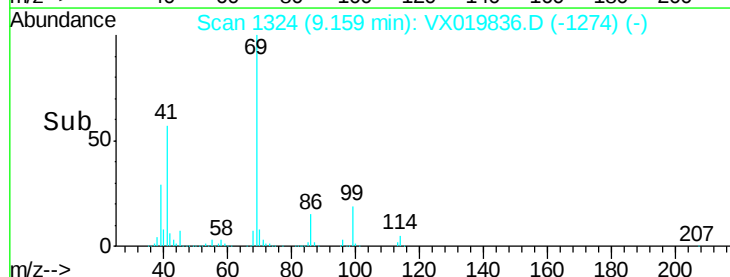
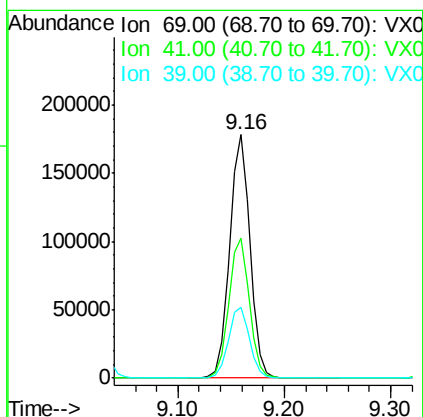
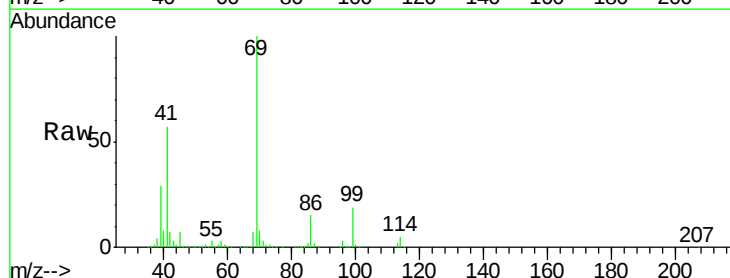
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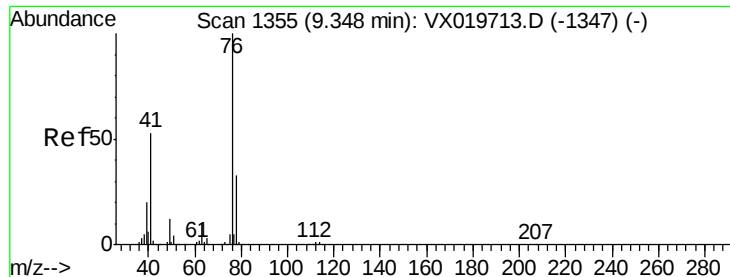
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#56
 Ethyl methacrylate
 Concen: 53.418 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		239623		
41	57.8	46.8	70.2		
39	29.8	24.7	37.1		





#57

1,3-Dichloropropane

Concen: 52.617 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 76 Resp: 266378

Ion Ratio Lower Upper

76 100

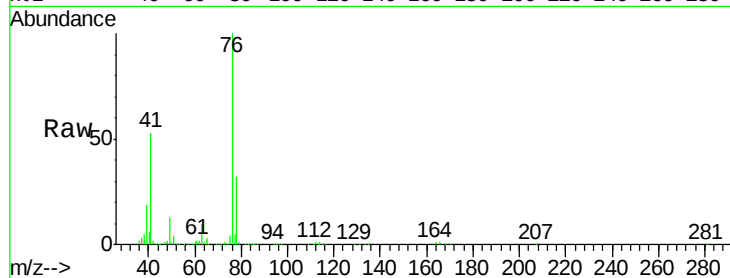
78 32.3 26.2 39.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

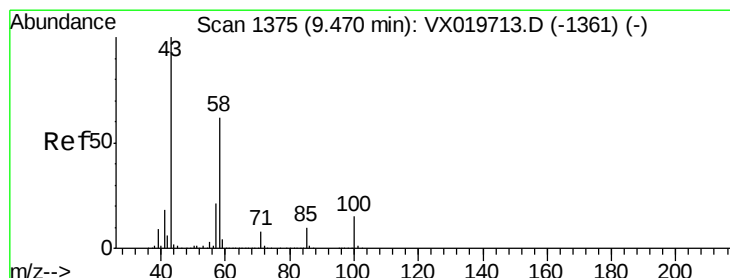
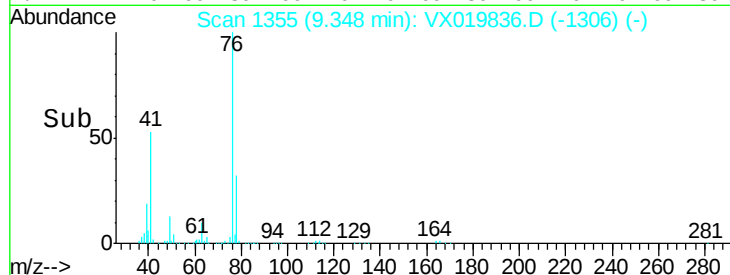
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 267.232 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VX019836.D

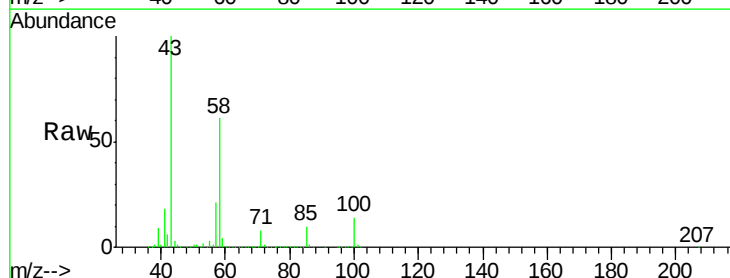
Acq: 10 Dec 2020 19:23

Tgt Ion: 43 Resp: 799435

Ion Ratio Lower Upper

43 100

58 61.5 30.9 92.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.47

600000

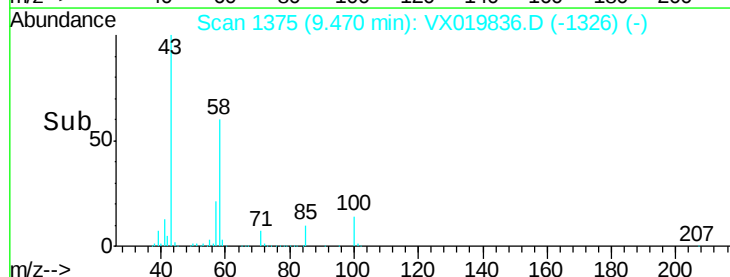
400000

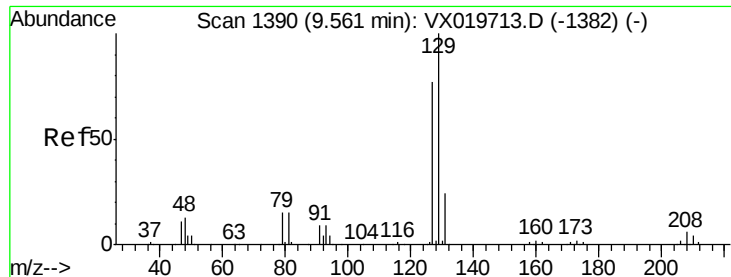
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 52.836 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion:129 Resp: 159158

Ion Ratio Lower Upper

129 100

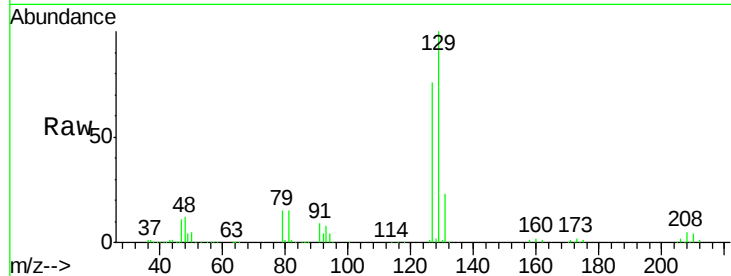
127 77.7 38.4 115.2

Manual Integrations

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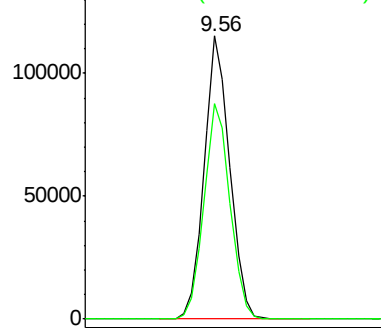
MMDadoda

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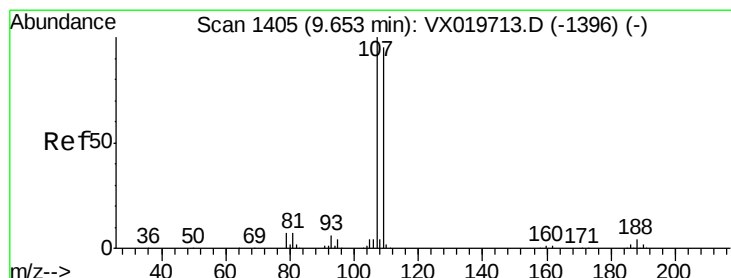
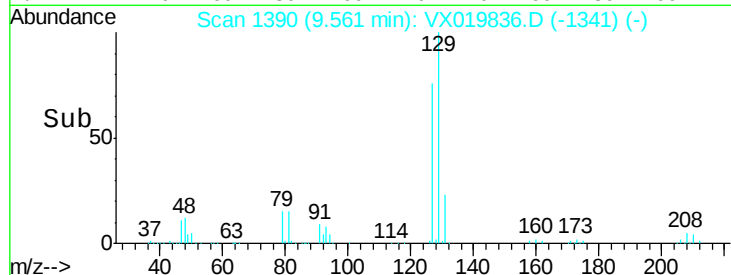


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 52.229 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019836.D

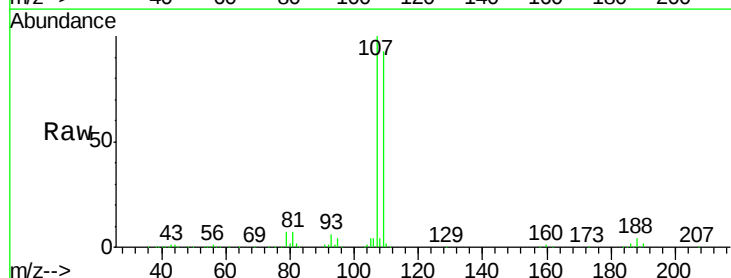
Acq: 10 Dec 2020 19:23

Tgt Ion:107 Resp: 164435

Ion Ratio Lower Upper

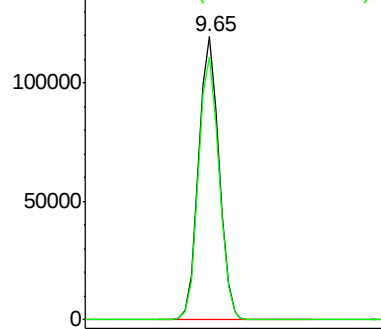
107 100

109 94.2 75.8 113.6

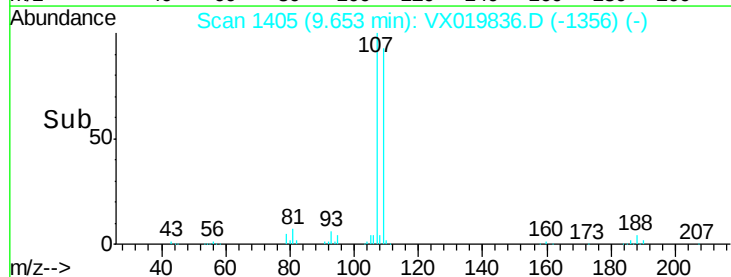


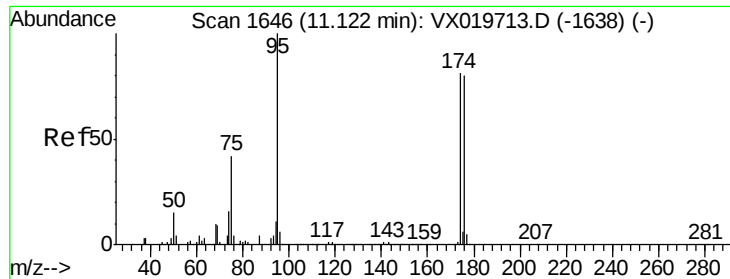
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->





#62

4-Bromofluorobenzene

Concen: 47.910 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

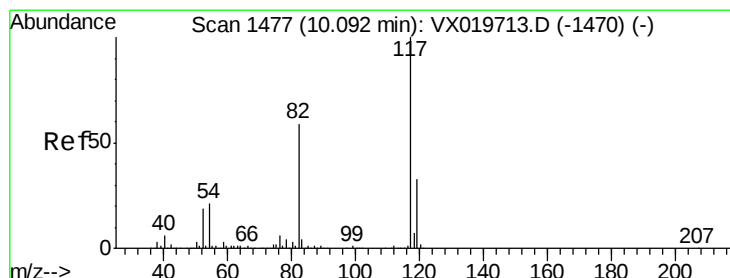
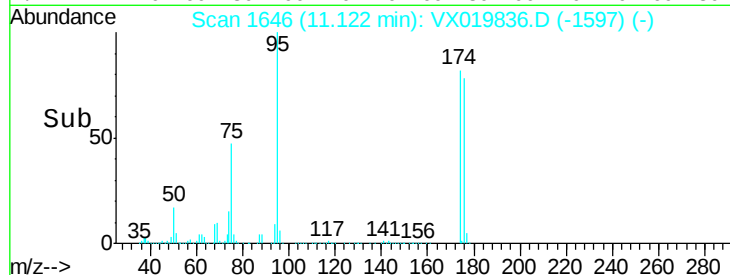
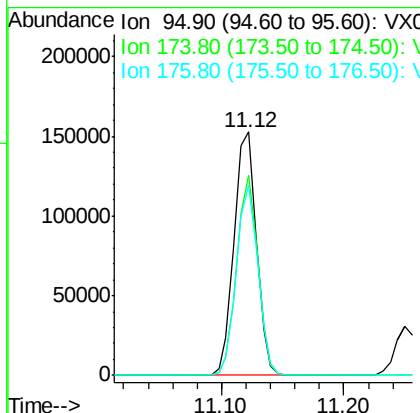
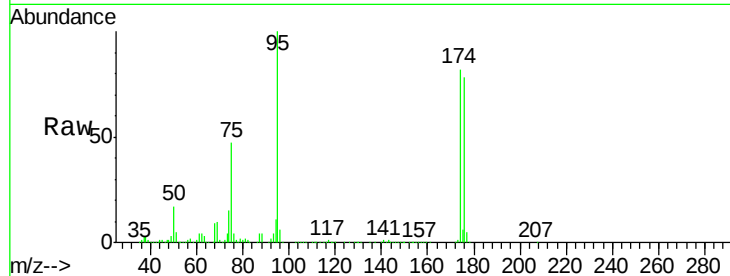
ClientSampleId :

RE135D3-20201208MSD

Tot Ion:	95	Resp:	191739
Ion Ratio	Lower	Upper	
95	100		
174	78.3	0.0	154.6
176	75.7	0.0	155.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

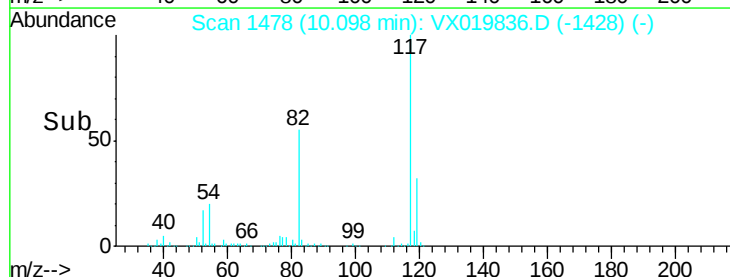
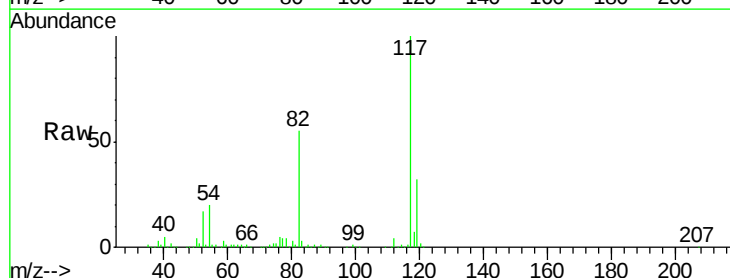
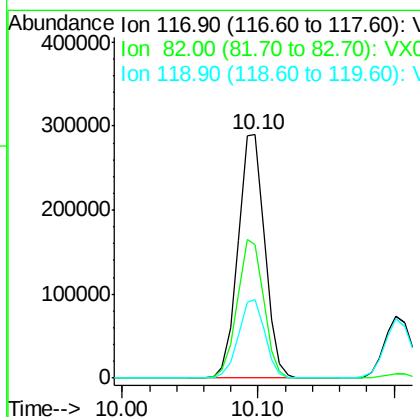
RT: 10.10 min Scan# 1478

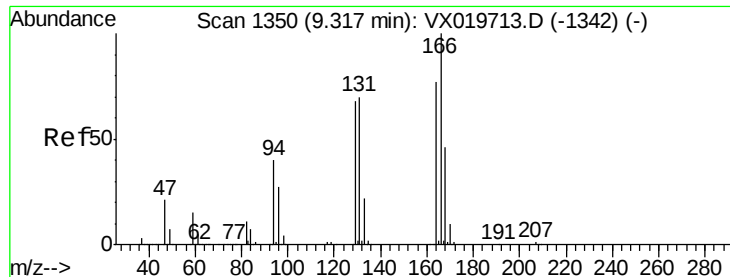
Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion:	117	Resp:	395885
Ion Ratio	Lower	Upper	
117	100		
82	54.7	47.4	71.2
119	32.0	26.6	39.8





#64

Tetrachloroethene

Concen: 73.104 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion:164 Resp: 194083

Ion Ratio Lower Upper

164 100

166 125.1 103.4 155.2

129 91.4 70.8 106.2

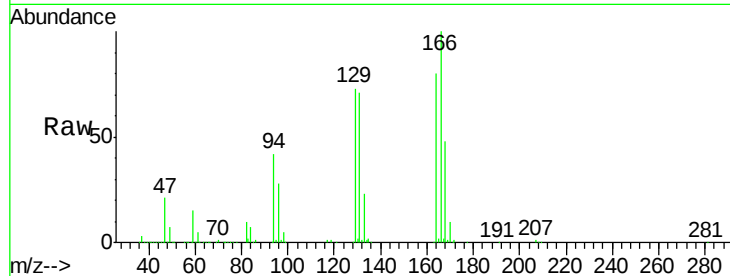
131 88.5 72.5 108.7

Manual Integrations

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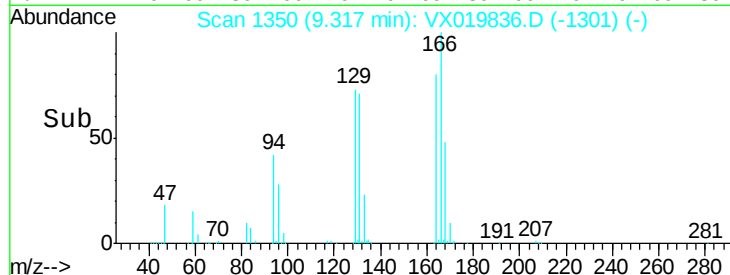


Abundance Ion 163.80 (163.50 to 164.50): V

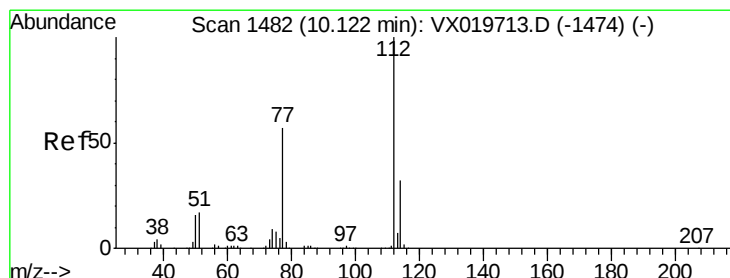
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 50.682 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019836.D

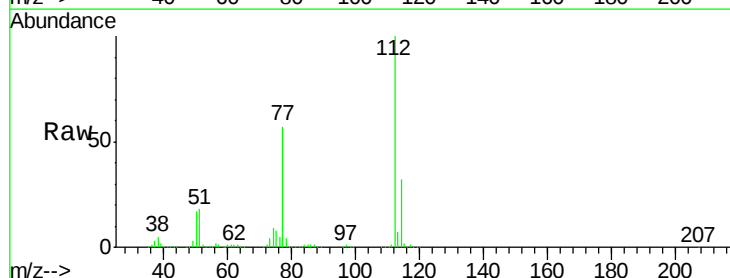
Acq: 10 Dec 2020 19:23

Tgt Ion:112 Resp: 399734

Ion Ratio Lower Upper

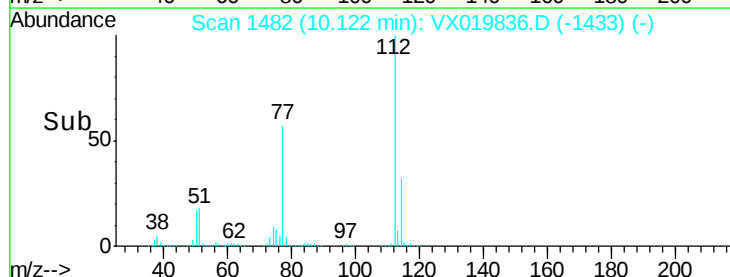
112 100

114 32.4 25.8 38.6

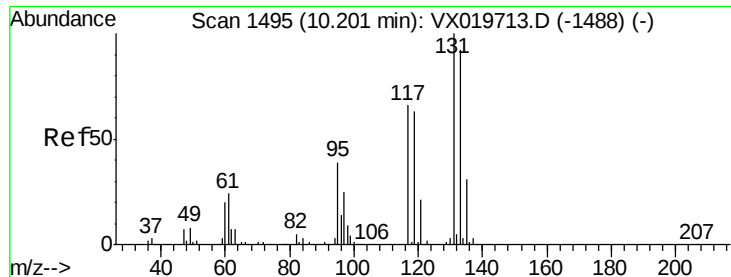


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.761 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

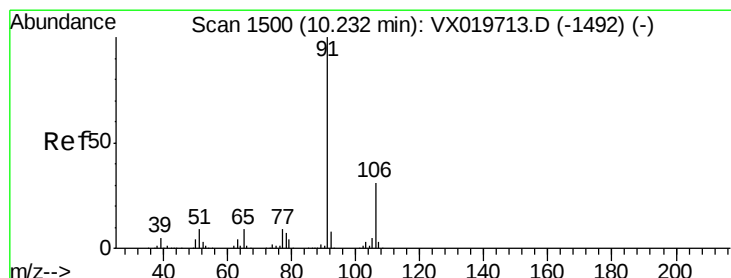
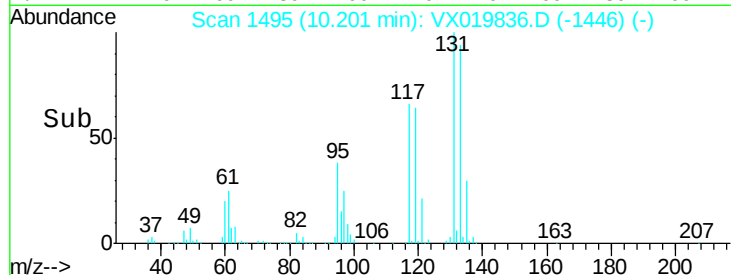
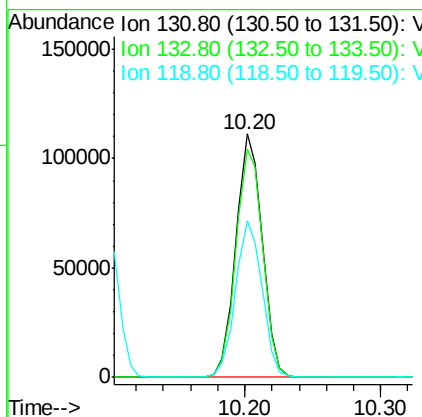
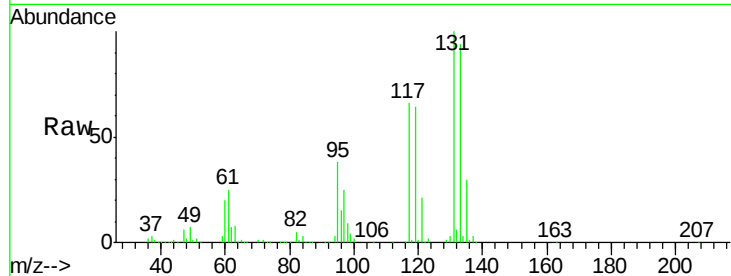
ClientSampleId :

RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	149778		
133	95.9	47.7	143.1	
119	64.9	32.1	96.5	

Manual Integrations
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#67

Ethyl Benzene

Concen: 51.493 ug/l

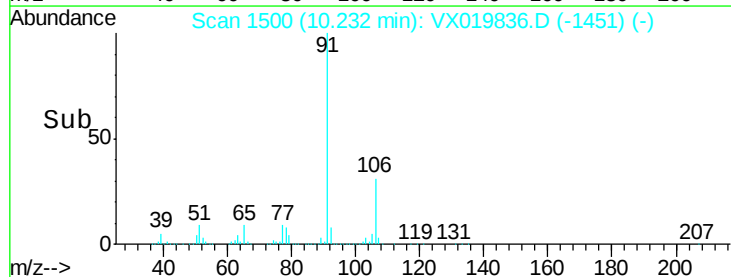
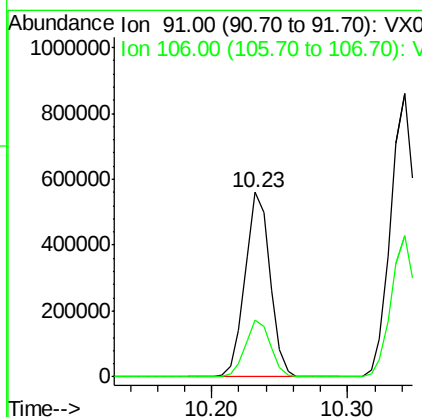
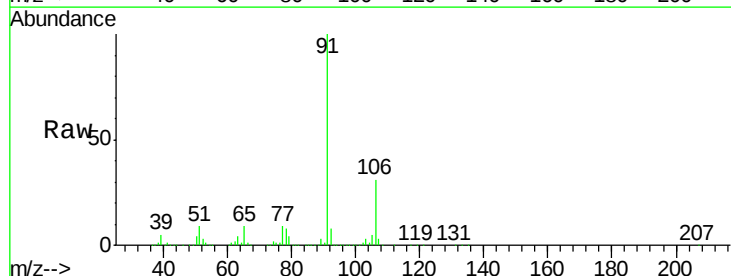
RT: 10.23 min Scan# 1500

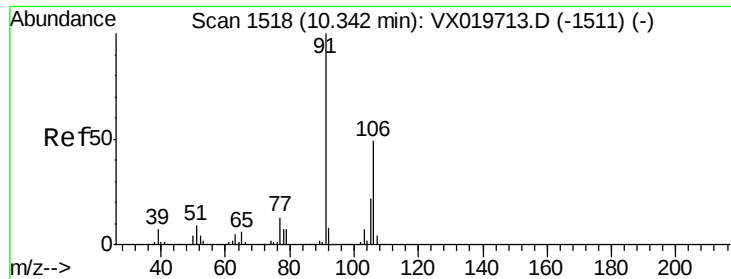
Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	720902		
106	31.1	24.6	37.0	





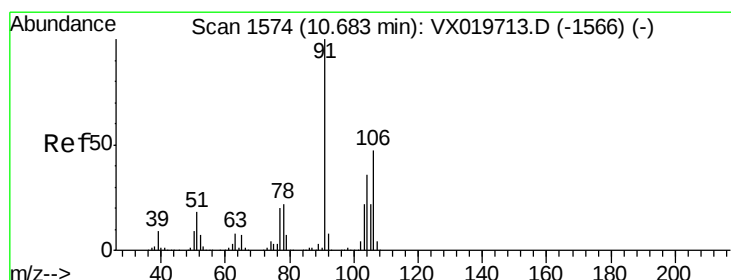
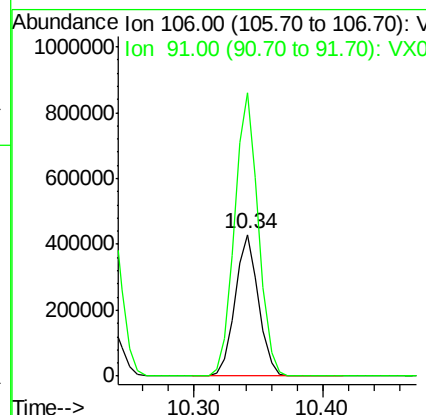
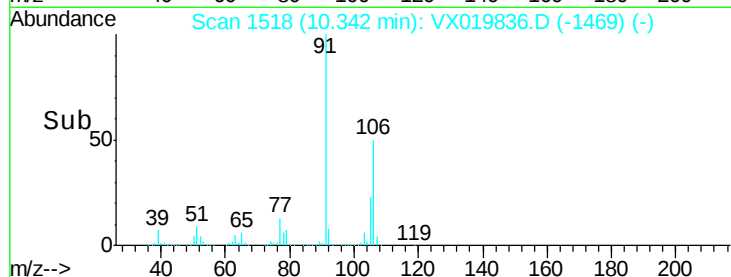
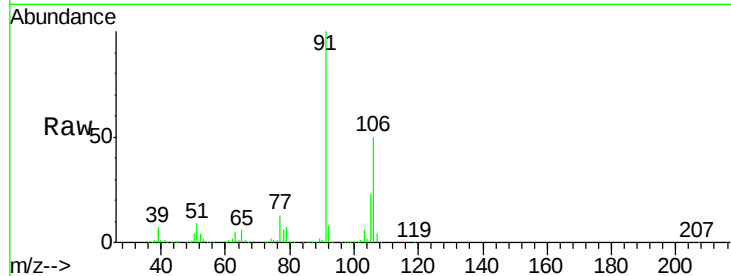
#68
m/p-Xylenes
Concen: 103.272 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	204.2	162.8	544804	244.2	

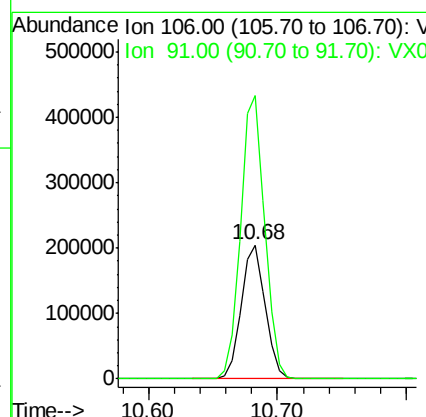
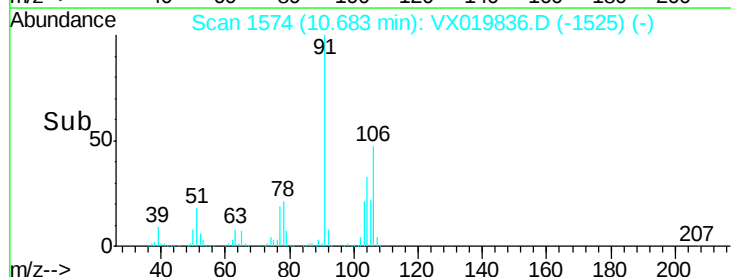
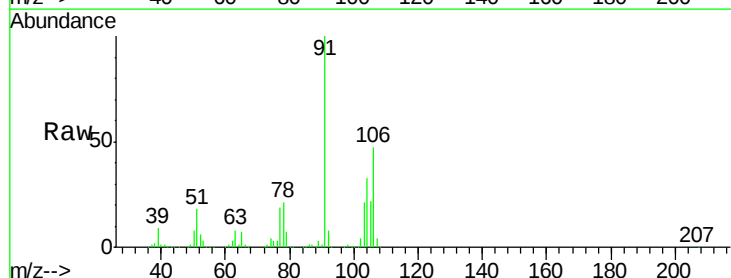
Manual Integrations
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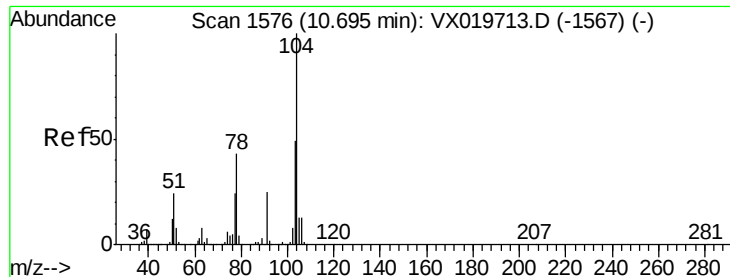
MMDadoda
12/11/2020 5:36:26 PM



#69
o-Xylene
Concen: 51.905 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.3	108.1	263402	324.2	





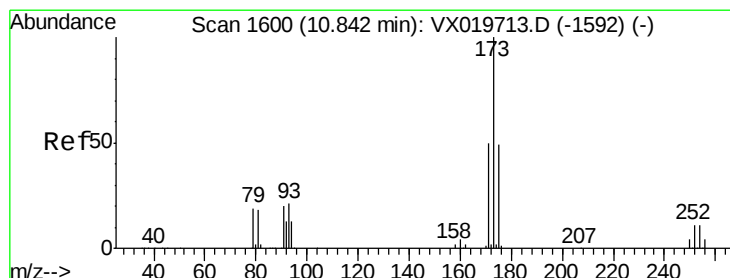
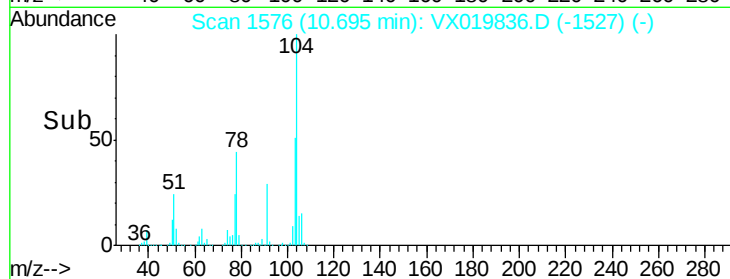
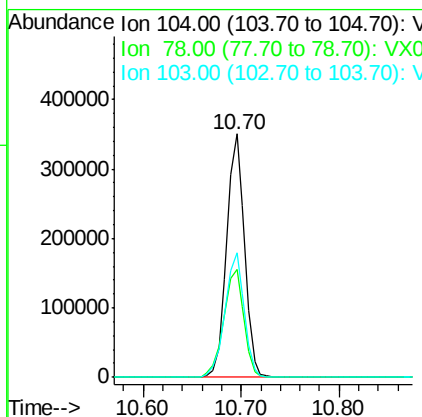
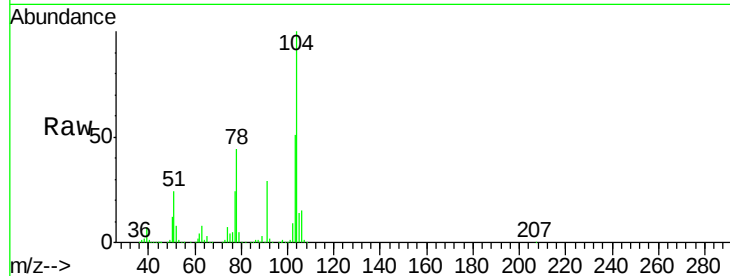
#70
Stvrene
Concen: 52.024 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.0	40.0	60.0
103	54.8	43.4	65.0

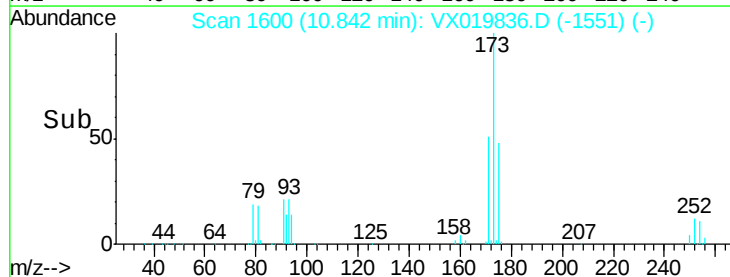
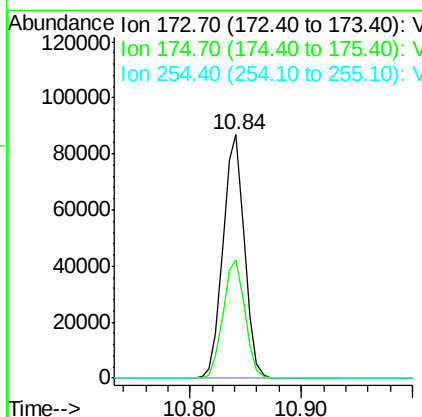
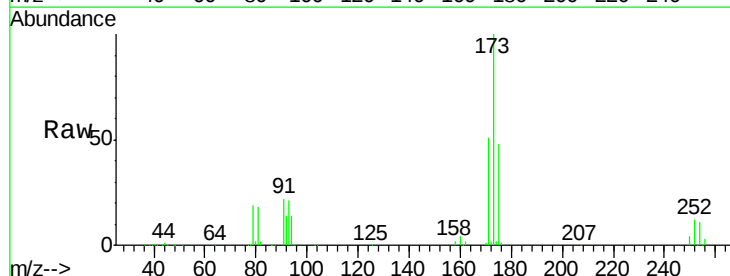
Manual Integrations
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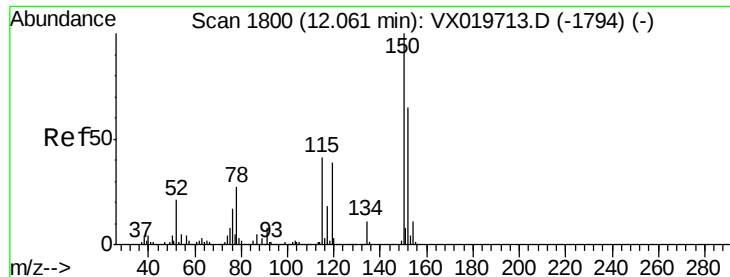
MMDadoda
12/11/2020 5:36:26 PM



#71
Bromoform
Concen: 51.518 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	23.9	71.8
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

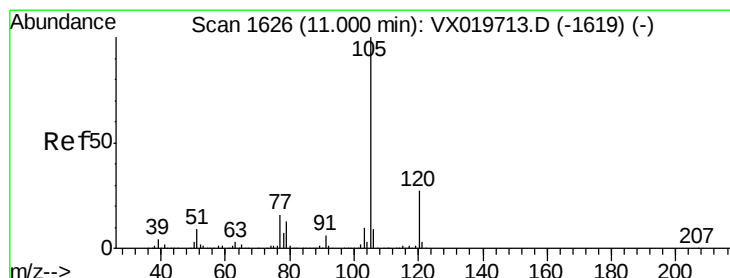
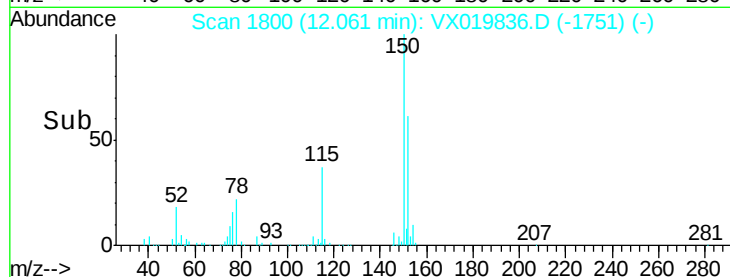
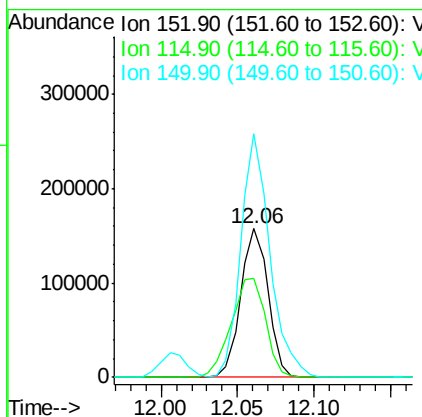
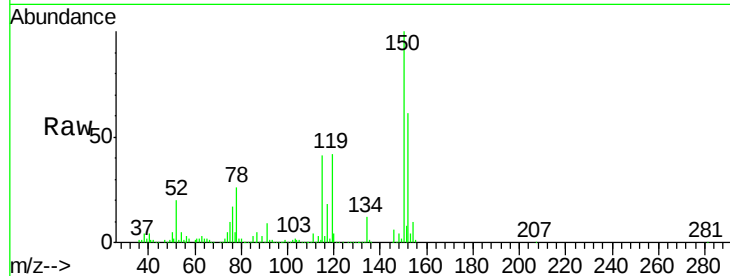
ClientSampleId :

RE135D3-20201208MSD

Tot Ion:	152	Resp:	195081
Ion Ratio	Lower	Upper	
152	100		
115	83.5	41.1	123.3
150	174.9	0.0	349.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 52.798 ug/l

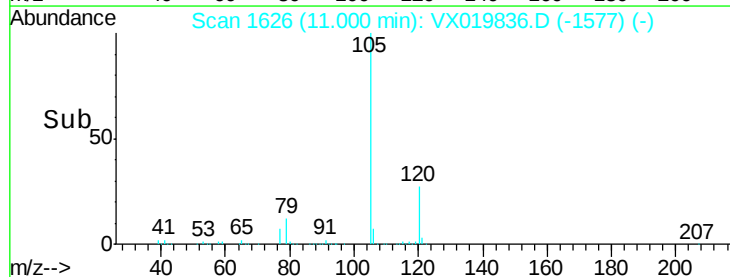
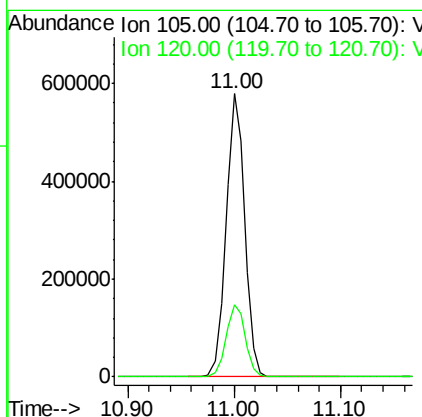
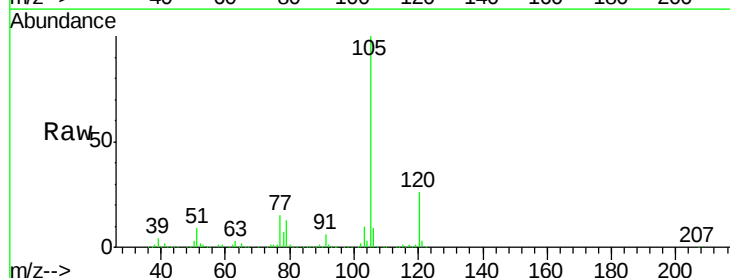
RT: 11.00 min Scan# 1626

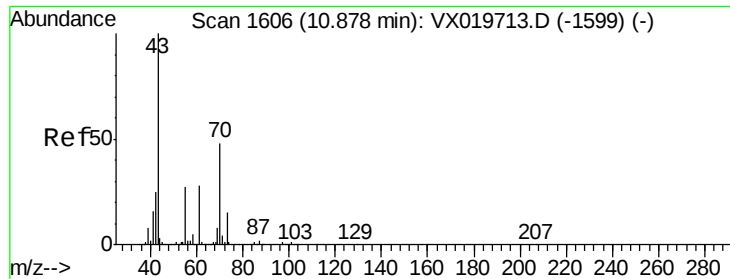
Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion:	105	Resp:	703682
Ion Ratio	Lower	Upper	
105	100		
120	26.3	13.2	39.6





#74

N-amvl acetate

Concen: 49.252 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 43 Resp: 263059

Ion Ratio Lower Upper

43 100

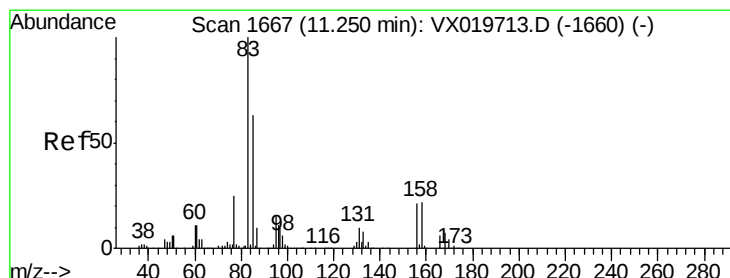
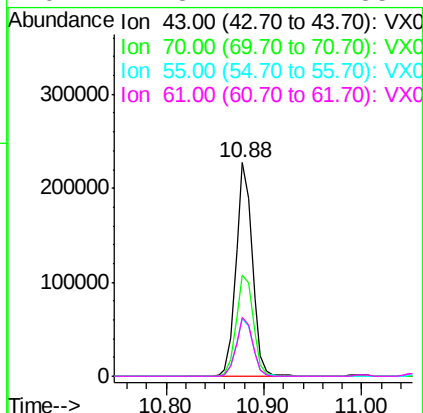
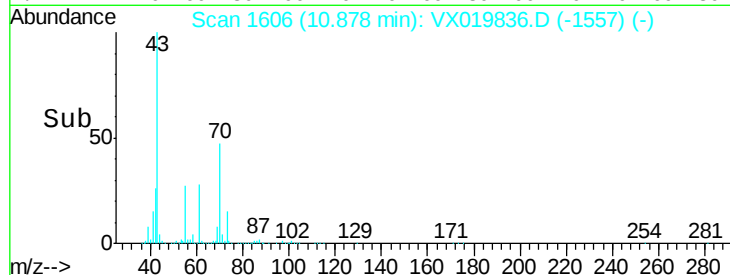
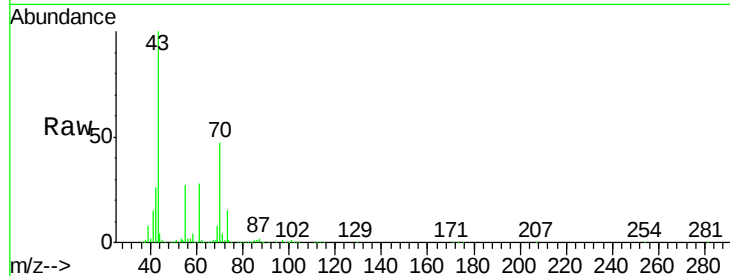
70 49.7 39.0 58.6

55 27.6 21.5 32.3

61 27.8 22.1 33.1

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#75

1,1,2,2-Tetrachloroethane

Concen: 53.878 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

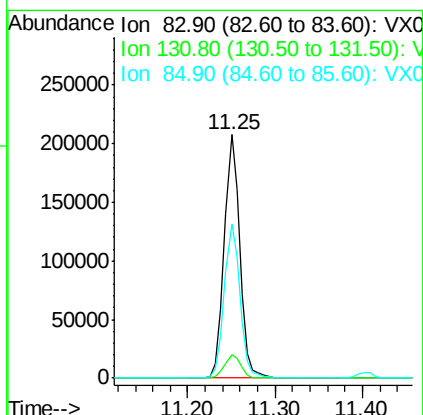
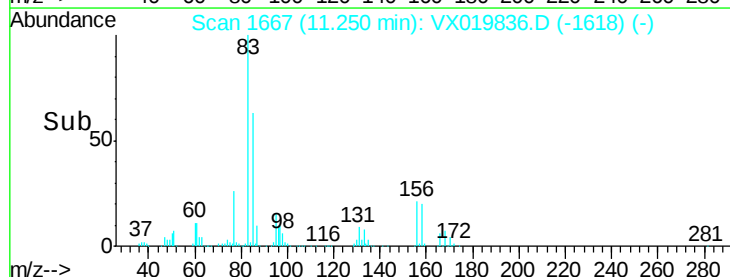
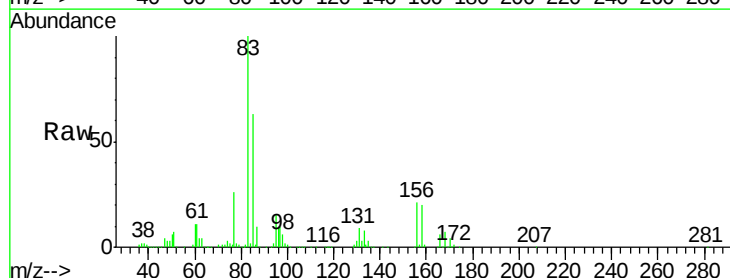
Tgt Ion: 83 Resp: 253167

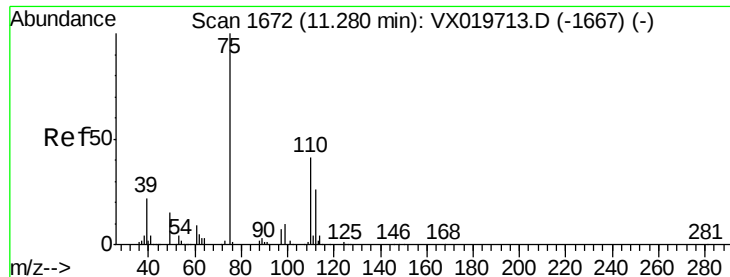
Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 64.4 31.8 95.4





#76

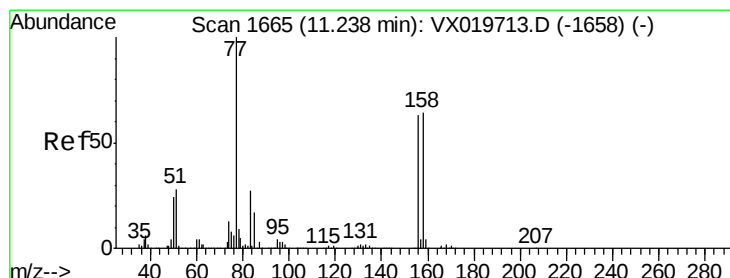
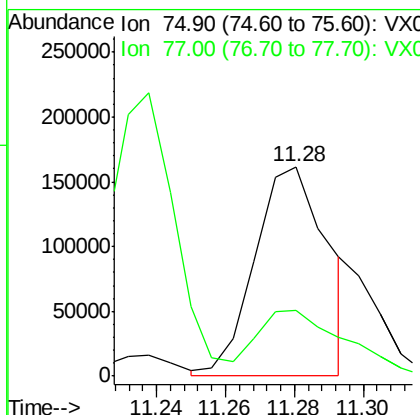
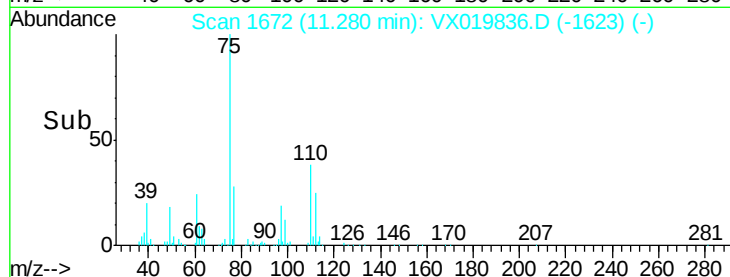
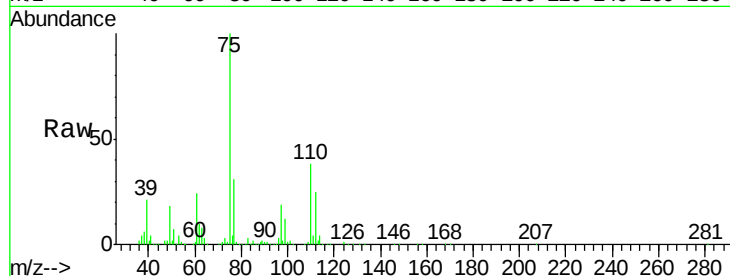
1,2,3-Trichloropropane
Concen: 53.929 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	37.8	19.1	57.5

Manual Integrations
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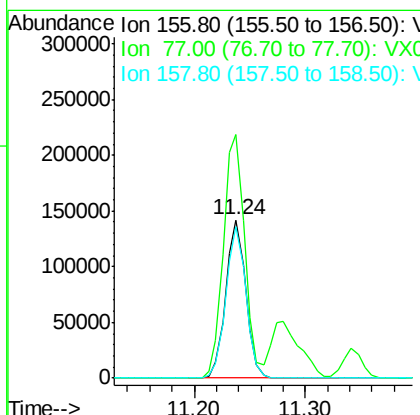
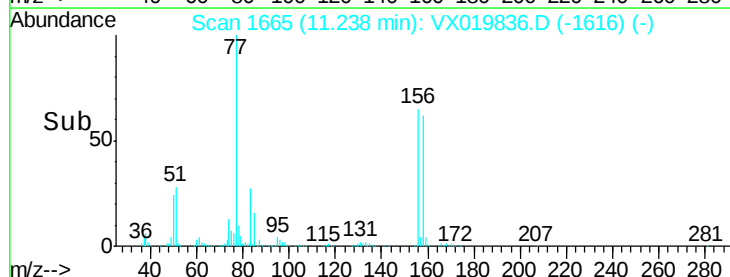
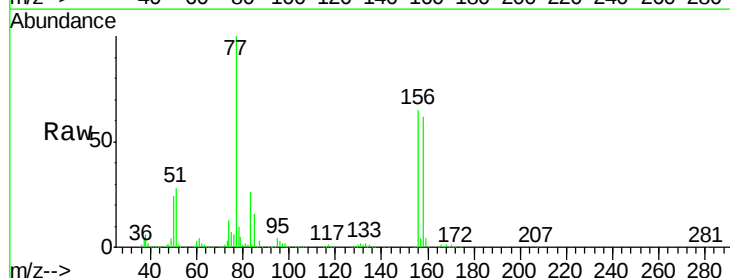
MMDadoda
12/11/2020 5:36:26 PM

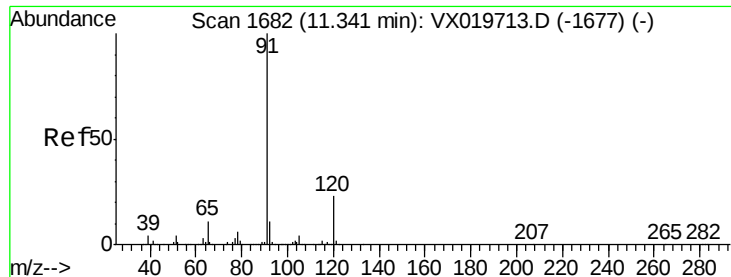


#77

Bromobenzene
Concen: 51.542 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
156	100		
77	165.0	82.8	248.6
158	95.9	49.1	147.4





#78

n-propylbenzene

Concen: 52.482 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 91 Resp: 798905

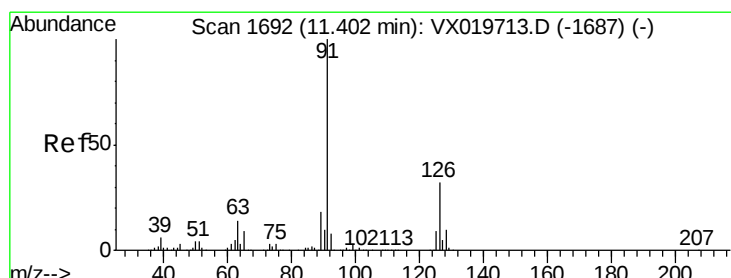
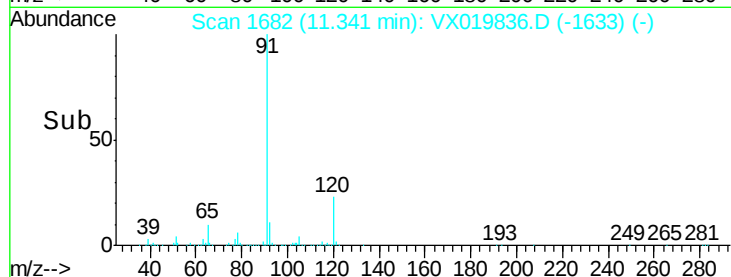
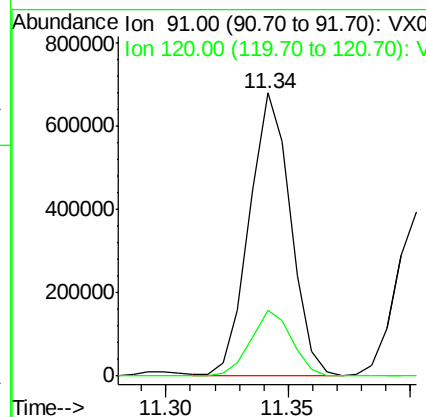
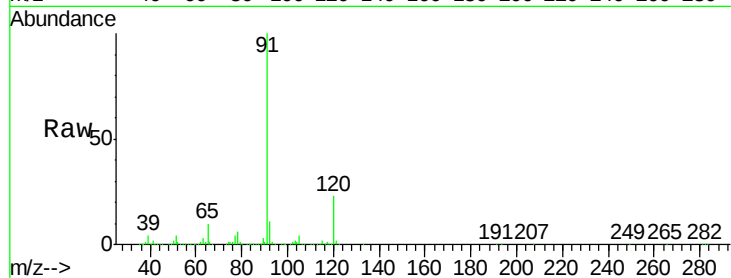
Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5

Manual Integrations
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12/11/2020 5:36:26 PM



#79

2-Chlorotoluene

Concen: 51.846 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019836.D

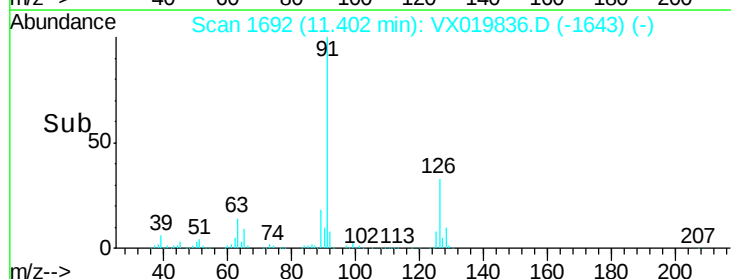
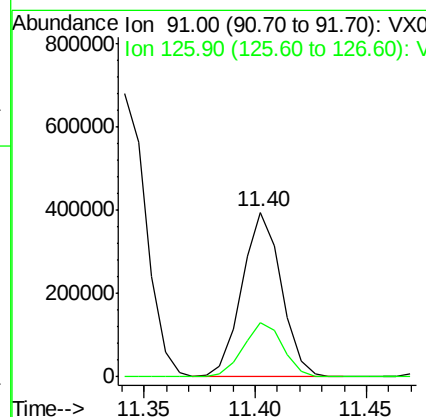
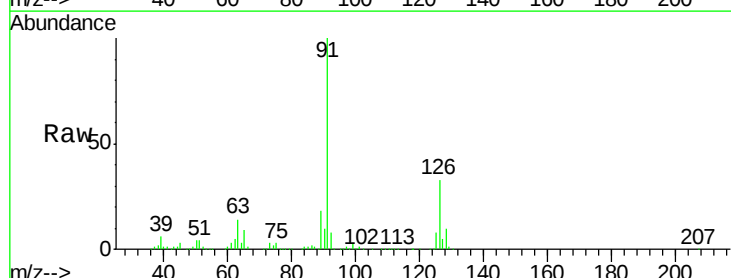
Acq: 10 Dec 2020 19:23

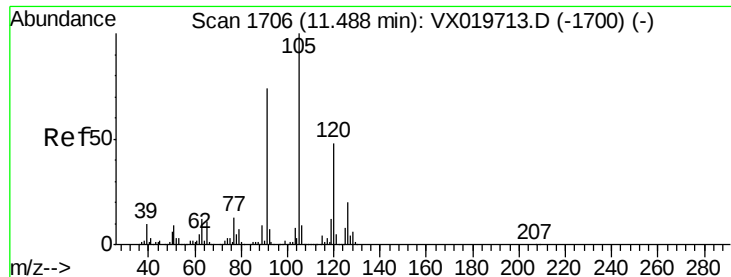
Tgt Ion: 91 Resp: 486017

Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.8





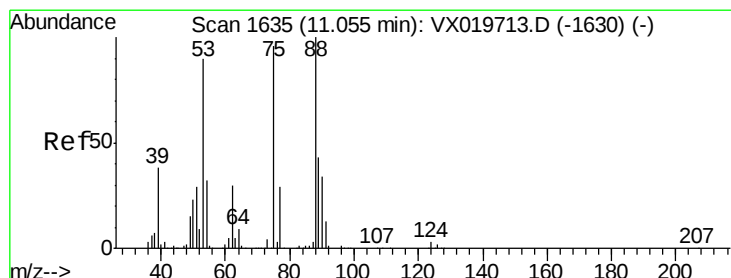
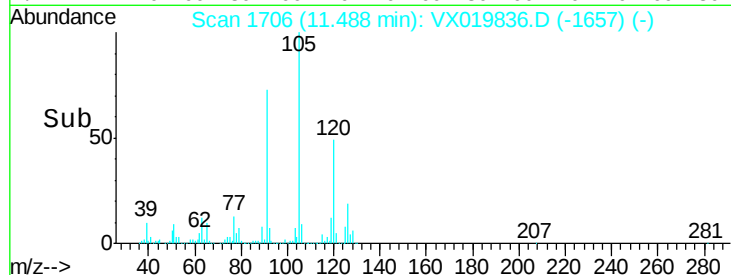
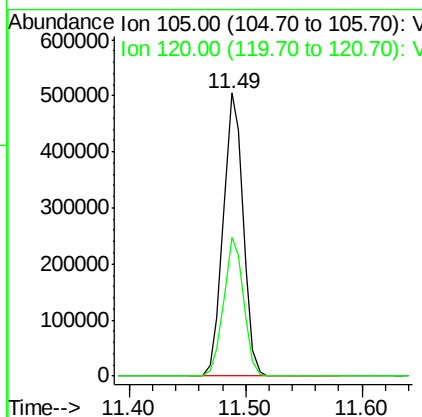
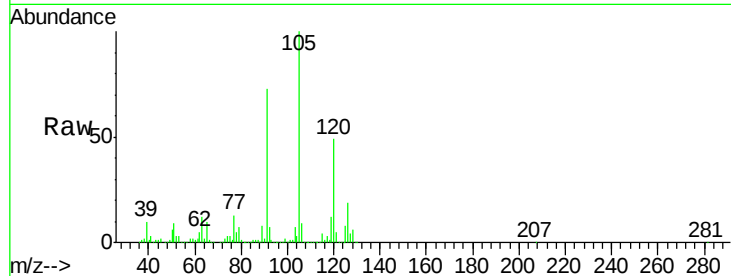
#80
 1,3,5-Trimethylbenzene
 Concen: 52.948 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100	595575		
120	48.8	23.8	71.5	

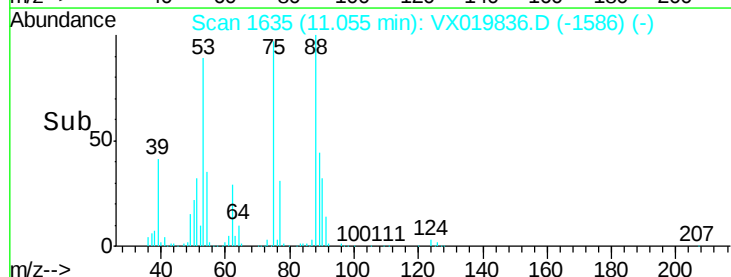
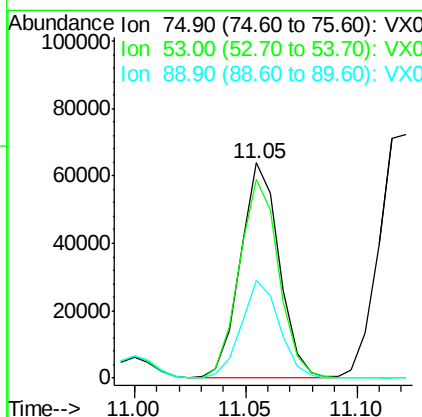
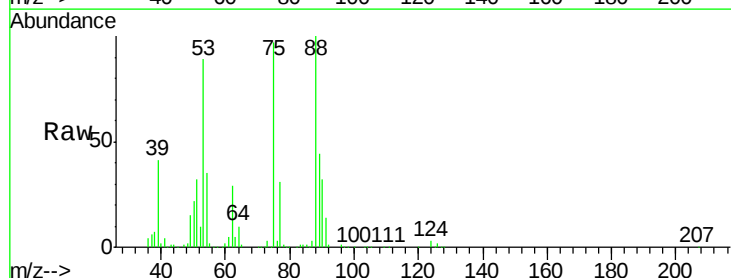
Manual Integrations
 APPROVED

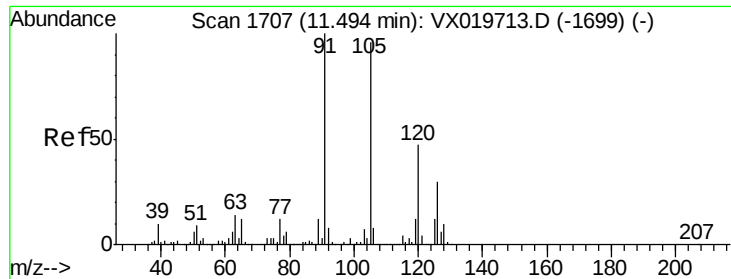
MMDadoda
 12/11/2020 5:36:26 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.364 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77741		
53	93.4	74.5	111.7	
89	44.8	37.9	56.9	





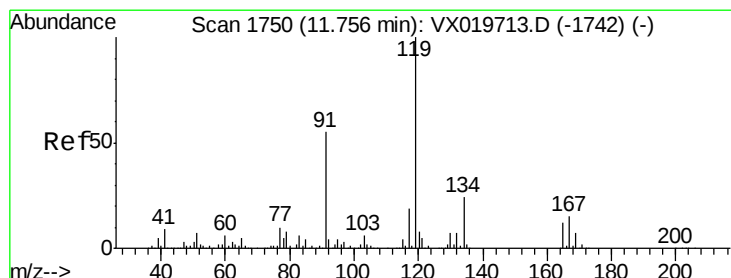
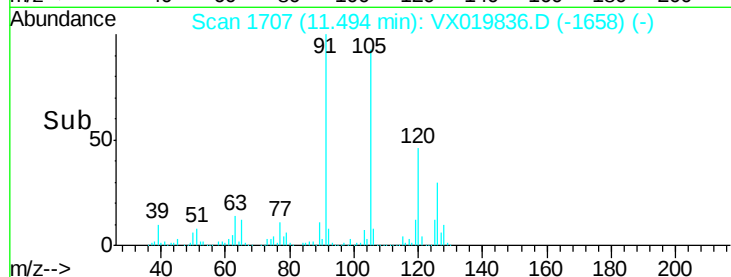
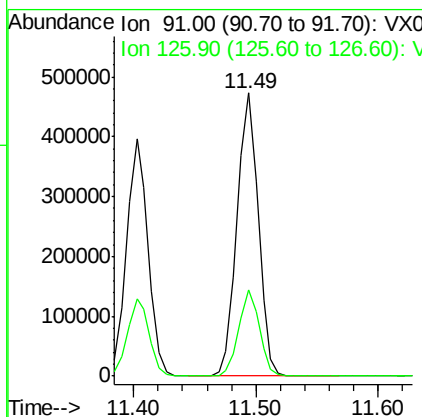
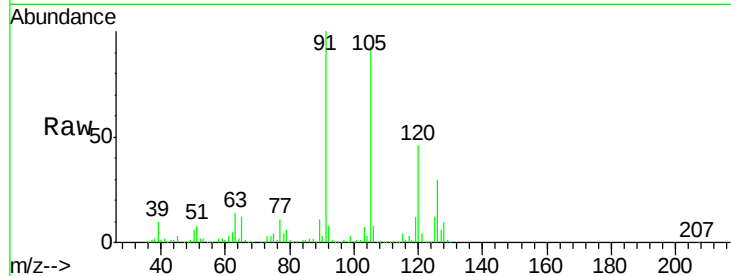
#82
4-Chlorotoluene
Concen: 51.516 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	565590		
126	29.5	14.9	44.5	

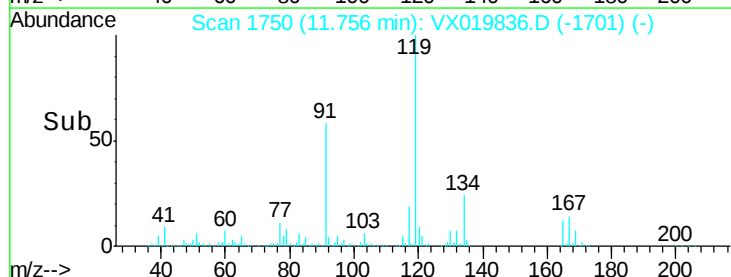
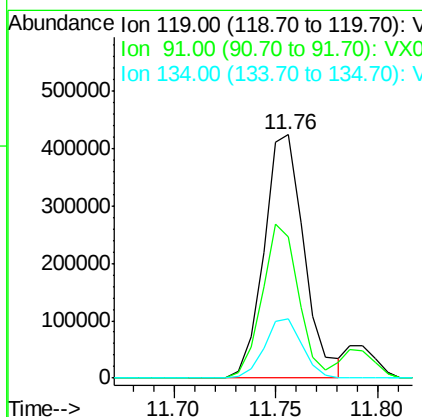
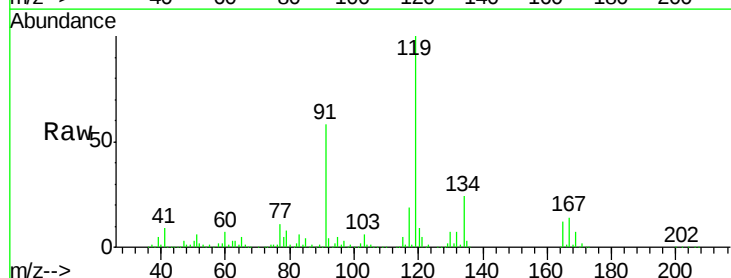
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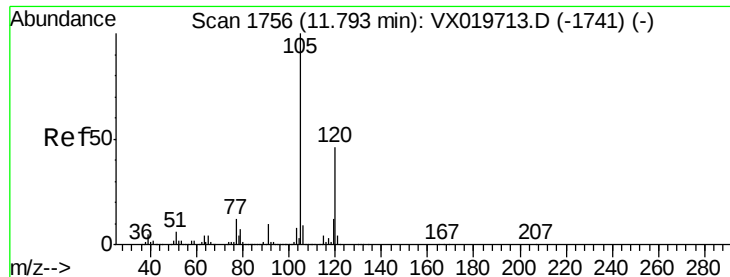
MMDadoda
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#83
tert-Butylbenzene
Concen: 52.742 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	581846		
91	57.2	27.9	83.7	
134	22.9	11.3	33.9	





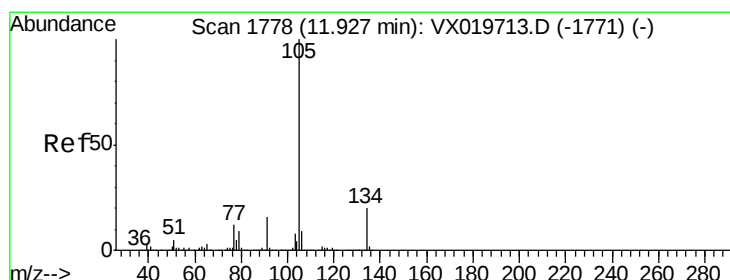
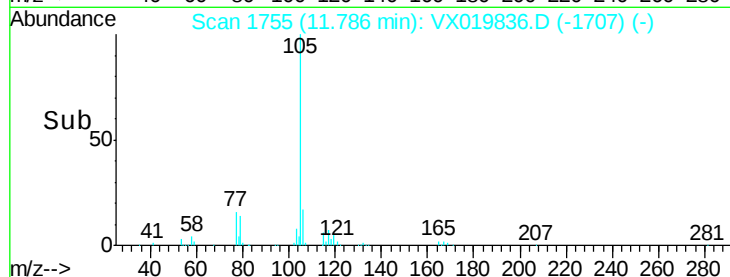
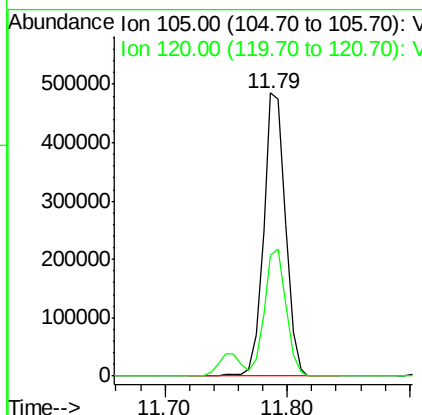
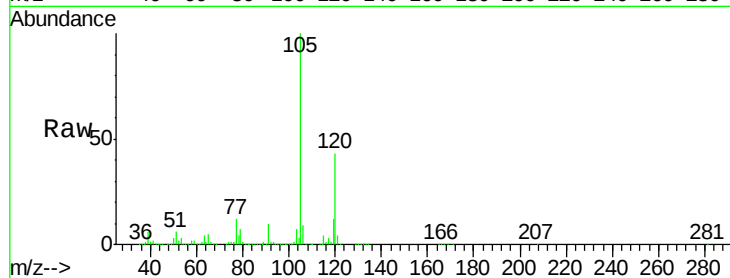
#84
1,2,4-Trimethylbenzene
Concen: 53.361 ug/l
RT: 11.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.3

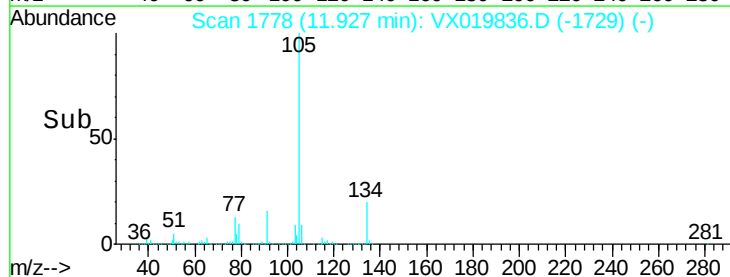
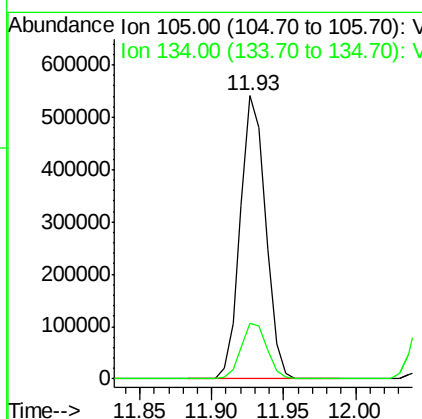
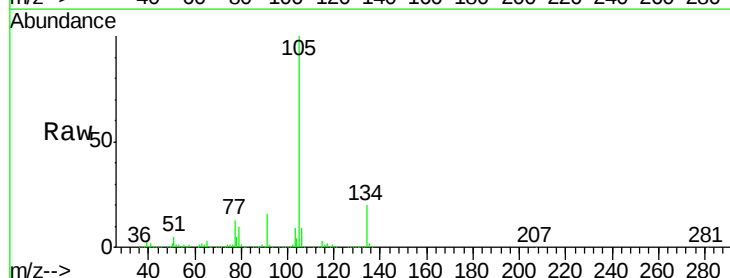
Manual Integrations
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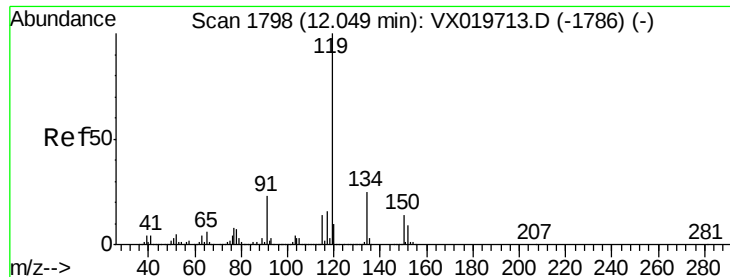
MMDadoda
12/11/2020 5:36:26 PM



#85
sec-Butylbenzene
Concen: 52.434 ug/l
RT: 11.93 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	29.8





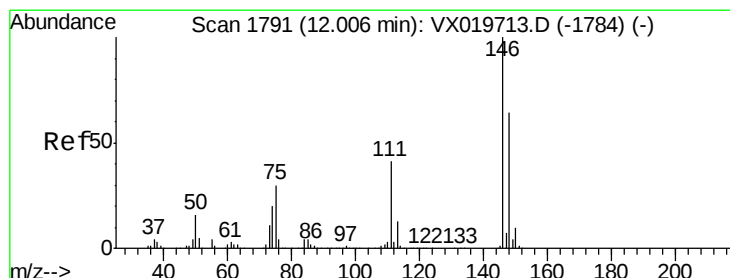
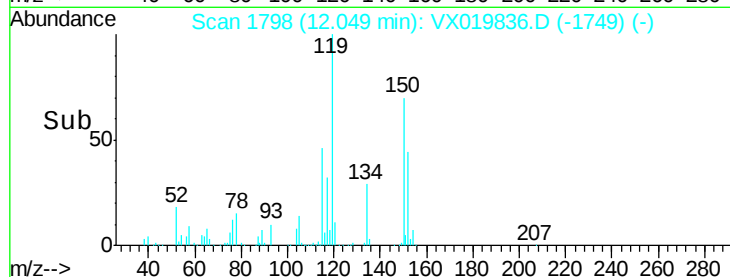
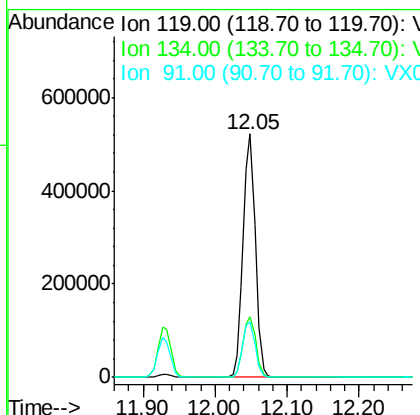
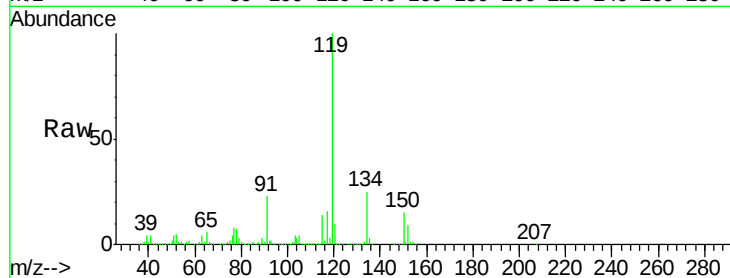
#86
p-Isopropyltoluene
Concen: 53.170 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	613762		
134	25.7		12.9	38.7
91	23.4		11.7	35.0

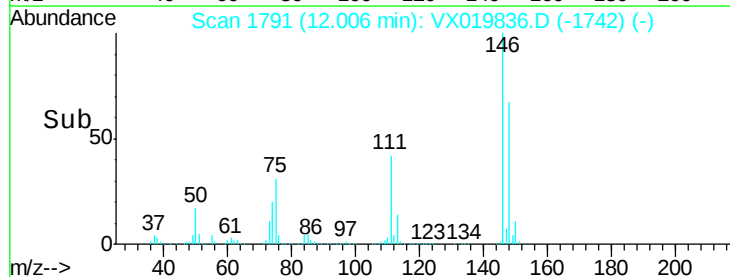
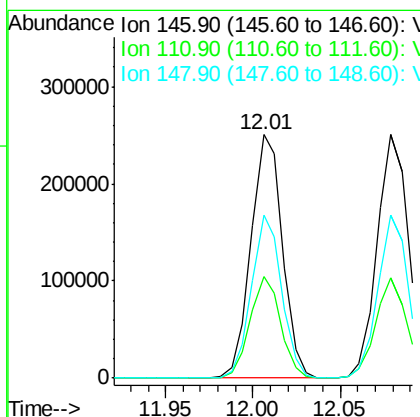
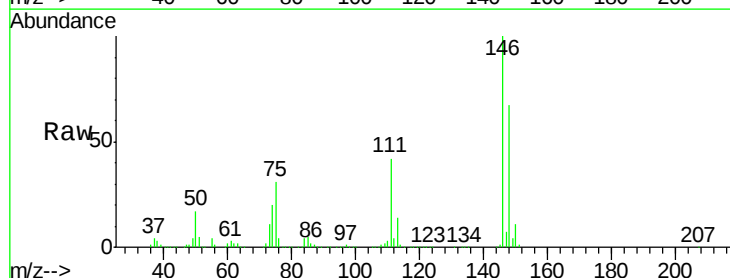
Manual Integrations
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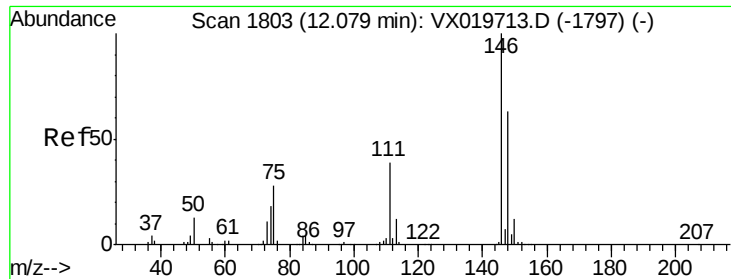
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#87
1,3-Dichlorobenzene
Concen: 50.088 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	313551		
111	40.6		20.2	60.5
148	64.3		31.9	95.7





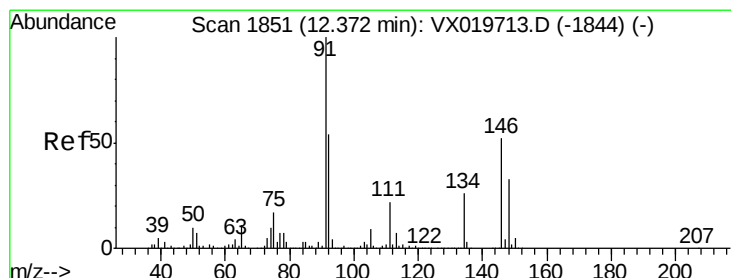
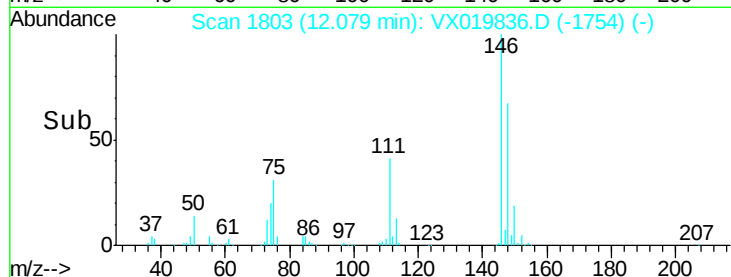
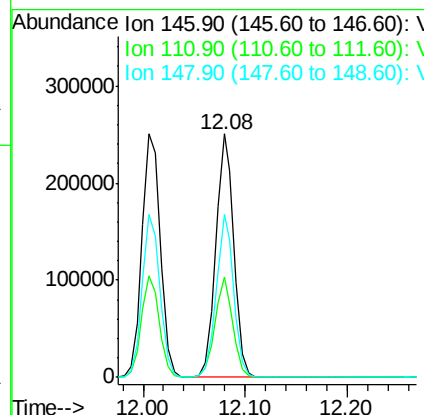
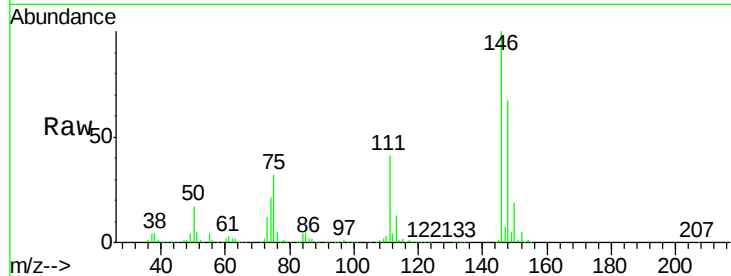
#88
 1,4-Dichlorobenzene
 Concen: 48.906 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.7	31.6	95.0

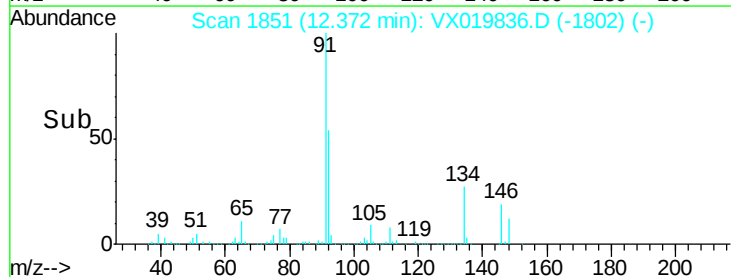
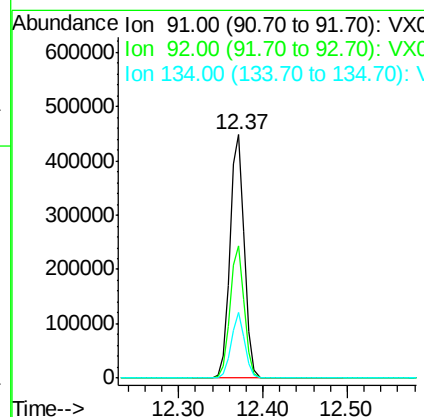
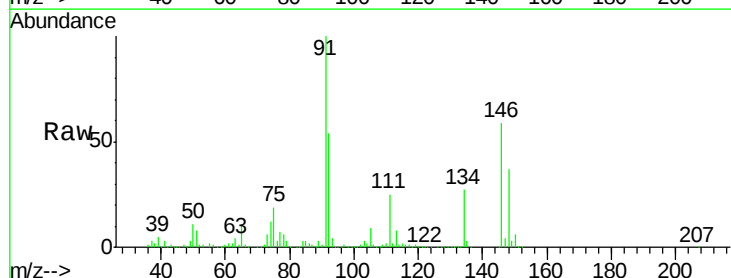
Manual Integrations
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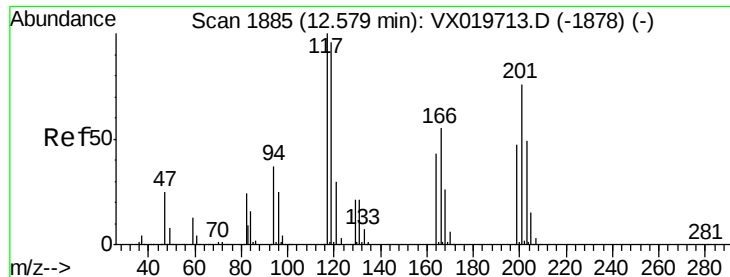
MMDadoda
 12/11/2020 5:36:26 PM



#89
 n-Butylbenzene
 Concen: 51.311 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.0
134	25.5	13.2	39.5





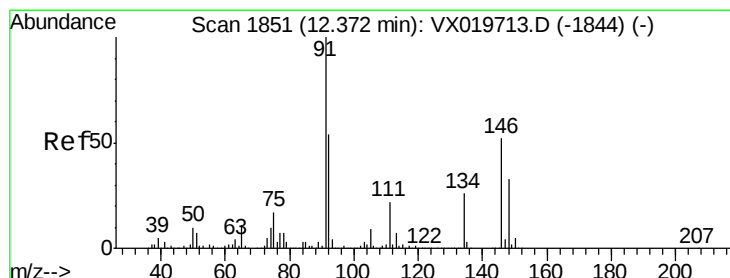
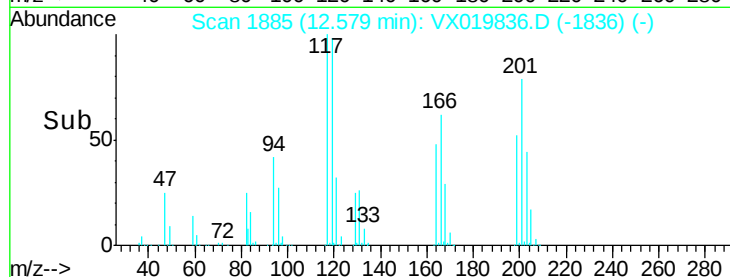
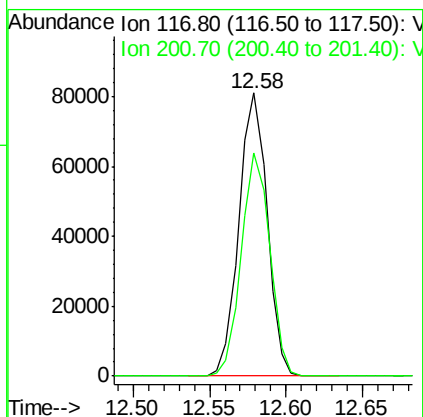
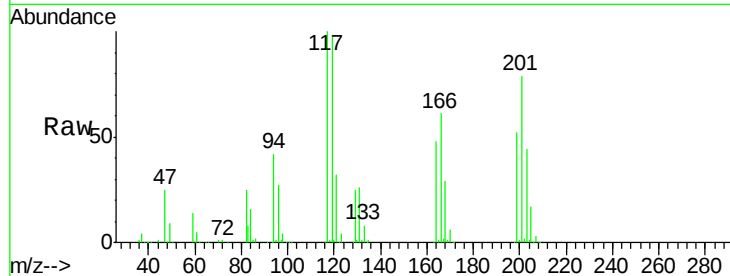
#90
Hexachloroethane
Concen: 52.074 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion:117 Resp: 103777
Ion Ratio Lower Upper
117 100
201 79.5 40.4 121.2

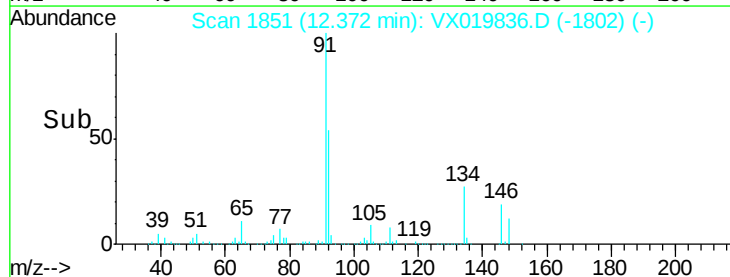
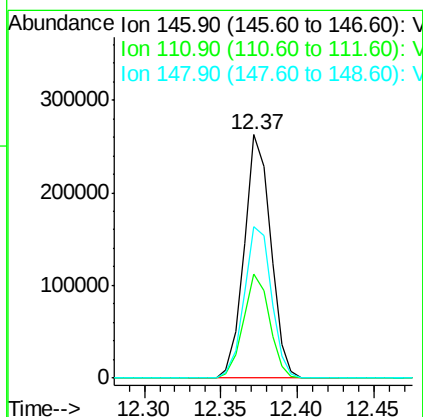
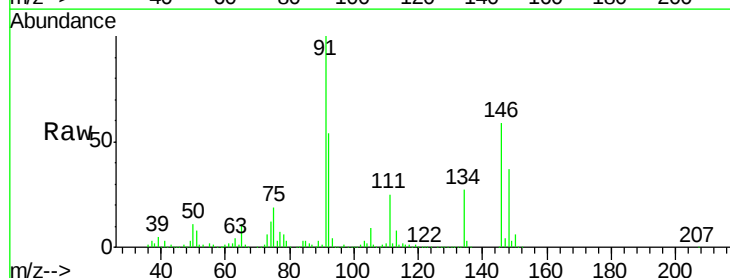
Manual Integrations
APPROVED

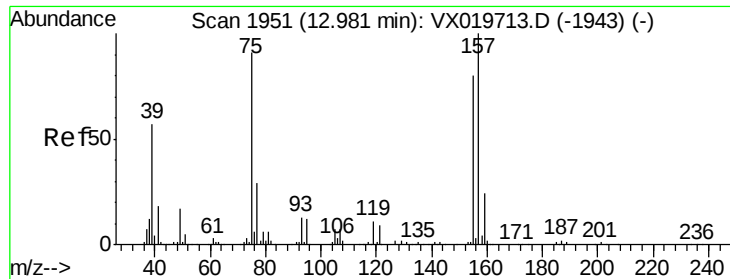
MMDadoda
12/11/2020 5:36:26 PM



#91
1,2-Dichlorobenzene
Concen: 51.887 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion:146 Resp: 316637
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.2
148 64.2 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 55.016 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tot Ion: 75 Resp: 55574

Ion Ratio Lower Upper

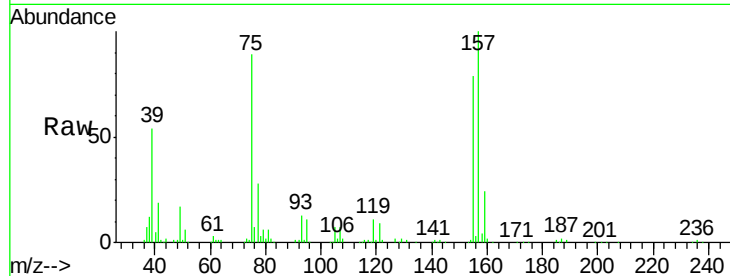
75 100

155 87.4 45.3 135.9

157 114.0 57.7 173.1

Manual Integrations
APPROVED

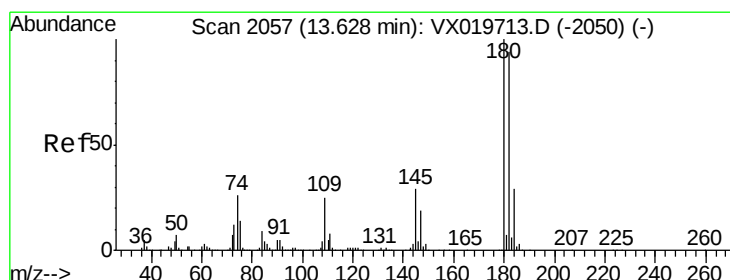
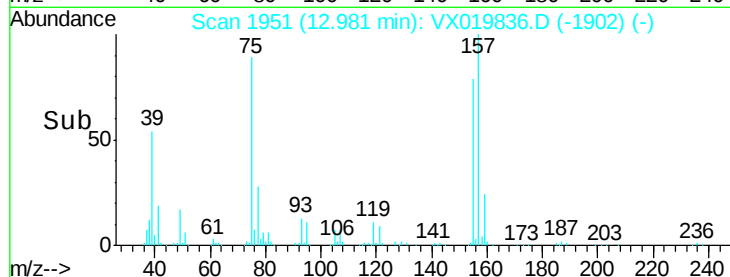
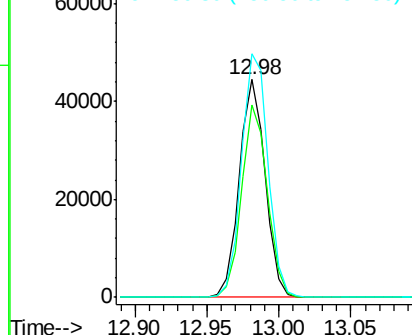
MMDadoda
12/11/2020 5:36:26 PM



Abundance Ion 74.90 (74.60 to 75.60): VX019836.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX019836.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX019836.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.991 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

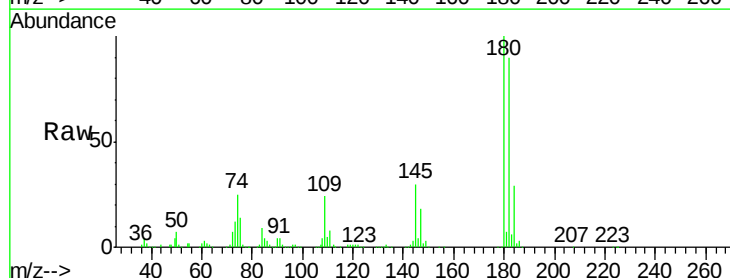
Tgt Ion: 180 Resp: 206527

Ion Ratio Lower Upper

180 100

182 92.9 47.7 143.1

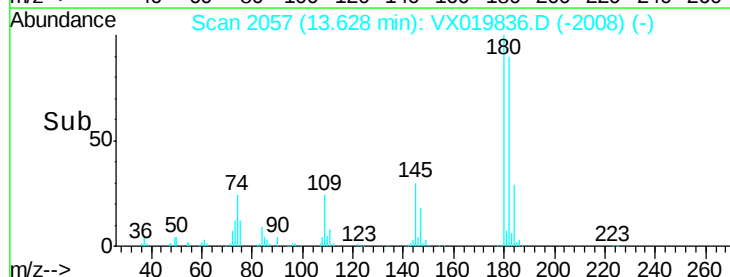
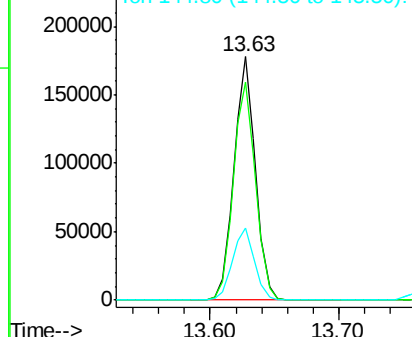
145 30.3 15.0 45.0

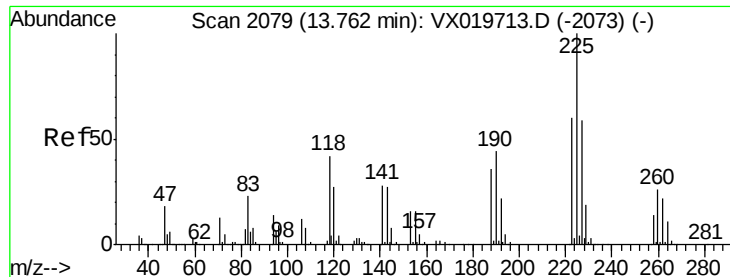


Abundance Ion 179.80 (179.50 to 180.50): VX019836.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX019836.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX019836.D (-2008) (-)





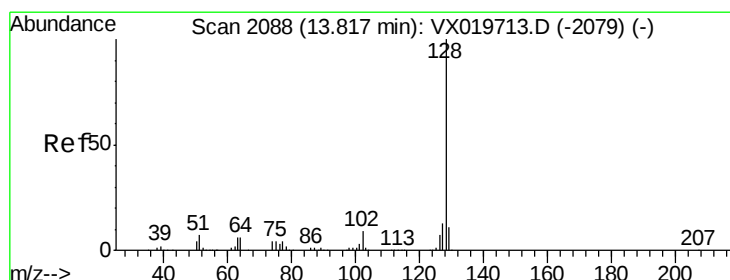
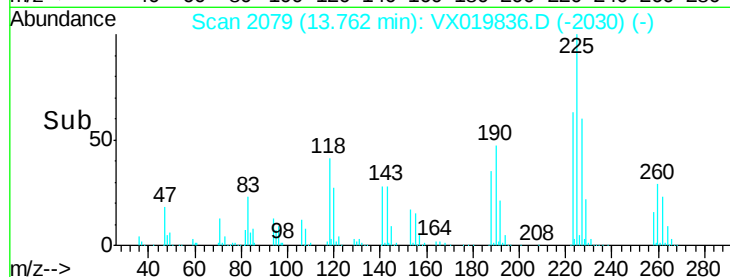
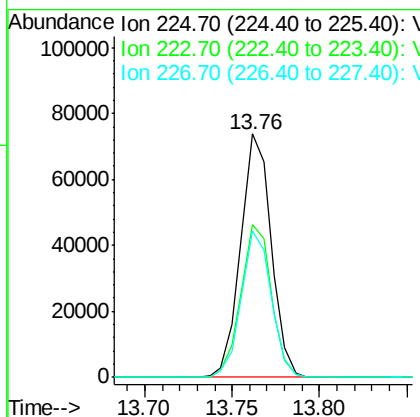
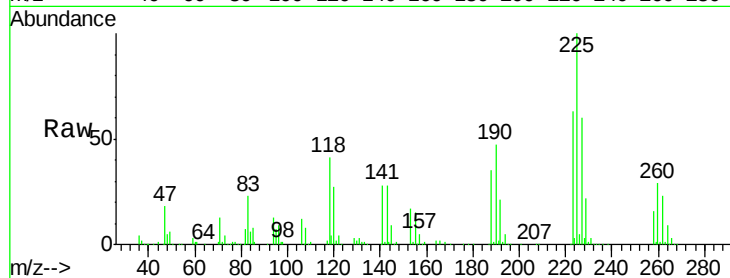
#94
Hexachlorobutadiene
Concen: 50.487 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	89639		
223	62.3		31.1	93.2
227	59.1		31.6	95.0

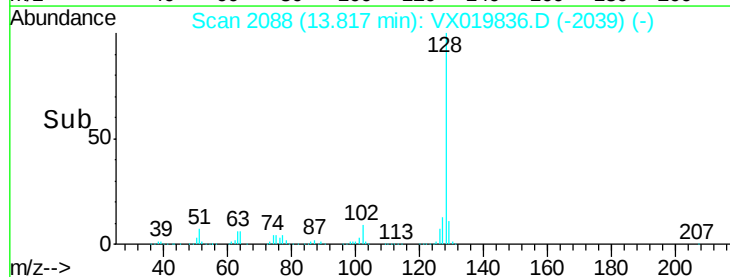
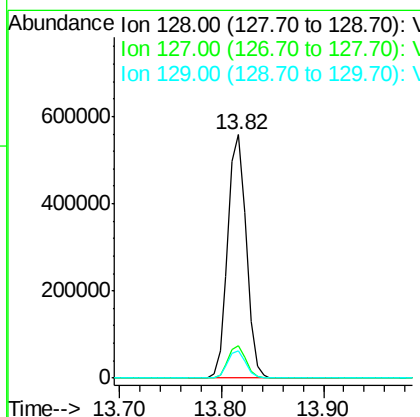
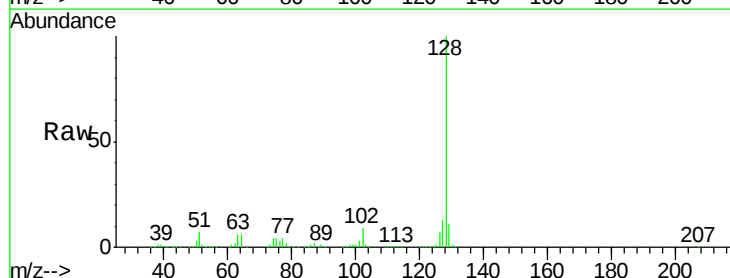
Manual Integrations
APPROVED

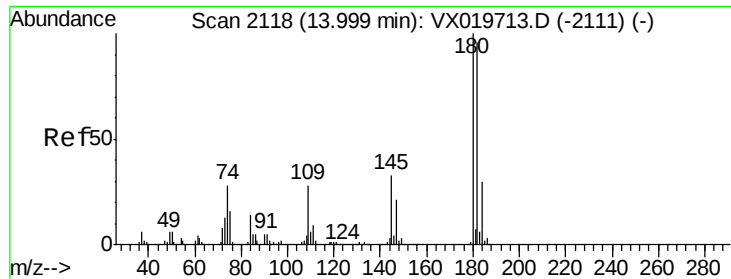
MMDadoda
12/11/2020 5:36:26 PM



#95
Naphthalene
Concen: 54.314 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	699480		
127	13.0		10.3	15.5
129	11.1		8.8	13.2





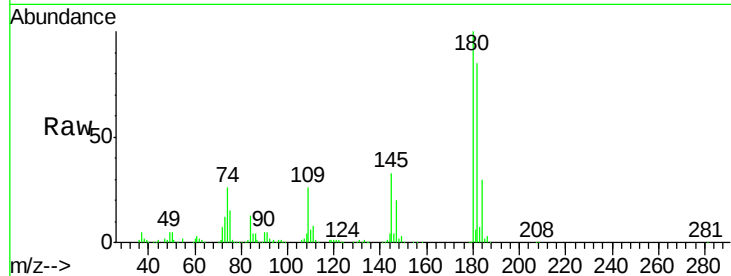
#96
 1,2,3-Trichlorobenzene
 Concen: 54.259 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	210644		
182	91.3		47.6	142.9
145	32.1		16.1	48.3

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:36:26 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

