

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018996.D
 Acq On : 21 Oct 2020 00:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 1:04:45 PM

Quant Time: Oct 21 04:21:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	159699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	294991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	299223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185506	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	107185	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
35) Dibromofluoromethane	5.46	113	89104	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
50) Toluene-d8	8.70	98	358055	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	146271	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	70808	53.367	ug/l	99
3) Chloromethane	1.31	50	77927	50.584	ug/l	96
4) Vinyl Chloride	1.39	62	111198	53.226	ug/l	100
5) Bromomethane	1.62	94	94108	56.860	ug/l	98
6) Chloroethane	1.70	64	81894	52.485	ug/l	100
7) Trichlorofluoromethane	1.91	101	194301	53.624	ug/l	99
8) Diethyl Ether	2.17	74	76208	52.371	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	72239	49.563	ug/l	99
10) Methyl Iodide	2.49	142	86898	49.827	ug/l	99
11) Tert butyl alcohol	3.01	59	121210	251.760	ug/l	99
12) 1,1-Dichloroethene	2.35	96	76986	44.550	ug/l	96
13) Acrolein	2.27	56	64103	253.998	ug/l	99
14) Allyl chloride	2.70	41	104560	50.032	ug/l	100
15) Acrylonitrile	3.11	53	217439	260.191	ug/l	99
16) Acetone	2.42	43	183943	251.648	ug/l	99
17) Carbon Disulfide	2.54	76	218029	48.328	ug/l	99
18) Methyl Acetate	2.75	43	93435	52.753	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	267726	51.055	ug/l	100
20) Methylene Chloride	2.83	84	93246	49.368	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	94060	49.853	ug/l	94
22) Diisopropyl ether	3.82	45	224592	52.270	ug/l	98
23) Vinyl Acetate	3.78	43	1080859	266.716	ug/l	100
24) 1,1-Dichloroethane	3.67	63	157147	51.224	ug/l	99
25) 2-Butanone	4.64	43	314787	266.594	ug/l	99
26) 2,2-Dichloropropane	4.54	77	124406	42.280	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	112094	50.839	ug/l	98
28) Bromochloromethane	4.98	49	67847	51.283	ug/l	99
29) Tetrahydrofuran	5.09	42	180268	258.997	ug/l	100
30) Chloroform	5.17	83	178336	52.132	ug/l	96
31) Cyclohexane	5.54	56	124756	50.837	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	159145	51.754	ug/l	100
36) 1,1-Dichloropropene	5.77	75	133809	48.538	ug/l	100
37) Ethyl Acetate	4.79	43	121526	50.990	ug/l	99
38) Carbon Tetrachloride	5.75	117	134125	48.345	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	145434	48.827	ug/l	99
40) Benzene	6.11	78	408279	50.913	ug/l	99
41) Methacrylonitrile	5.00	41	63423	49.779	ug/l	97
42) 1,2-Dichloroethane	6.16	62	141366	51.396	ug/l	99
43) Isopropyl Acetate	6.41	43	205354	51.135	ug/l	99
44) Trichloroethene	7.18	130	108142	48.701	ug/l	100
45) 1,2-Dichloropropane	7.49	63	98464	50.439	ug/l	98
46) Dibromomethane	7.63	93	73488	50.158	ug/l	100
47) Bromodichloromethane	7.87	83	148457	51.073	ug/l	95
48) Methyl methacrylate	7.74	41	97414	49.131	ug/l	98
49) 1,4-Dioxane	7.71	88	53646	1020.641	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	645328	260.244	ug/l	100
52) Toluene	8.76	92	276855	51.609	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	166985	50.281	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	169539	49.123	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	112458	51.537	ug/l	99
56) Ethyl methacrylate	9.16	69	168944	52.521	ug/l	99
57) 1,3-Dichloropropane	9.35	76	183080	52.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	423424	255.538	ug/l	99
59) 2-Hexanone	9.47	43	502492	260.948	ug/l	100
60) Dibromochloromethane	9.57	129	123438	51.224	ug/l	100
61) 1,2-Dibromoethane	9.65	107	122342	52.266	ug/l	98
64) Tetrachloroethene	9.32	164	94558	44.849	ug/l	95
65) Chlorobenzene	10.12	112	304796	48.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	111307	49.515	ug/l	99
67) Ethyl Benzene	10.23	91	542942	49.675	ug/l	98
68) m/p-Xylenes	10.34	106	429186	99.610	ug/l	99
69) o-Xylene	10.68	106	206679	50.082	ug/l	99
70) Styrene	10.70	104	368919	52.114	ug/l	100
71) Bromoform	10.84	173	97561	44.471	ug/l #	97
73) Isopropylbenzene	11.00	105	559612	44.724	ug/l	99
74) N-amyl acetate	10.88	43	184852	43.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	190771	45.282	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	166854m	43.763	ug/l	
77) Bromobenzene	11.24	156	137114	44.077	ug/l	98
78) n-propylbenzene	11.34	91	642364	44.655	ug/l	98
79) 2-Chlorotoluene	11.40	91	383166	45.173	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	493598	45.838	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	58880	40.736	ug/l	98
82) 4-Chlorotoluene	11.49	91	466386	44.827	ug/l	100
83) tert-Butylbenzene	11.76	119	483855	46.140	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	506426	46.645	ug/l	99
85) sec-Butylbenzene	11.93	105	587130	46.831	ug/l	98
86) p-Isopropyltoluene	12.05	119	548754	46.541	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	273501	45.152	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289450	46.258	ug/l	99
89) n-Butylbenzene	12.37	91	482338	43.793	ug/l	99
90) Hexachloroethane	12.58	117	86724	46.912	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	281427	47.848	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45243	43.713	ug/l	94

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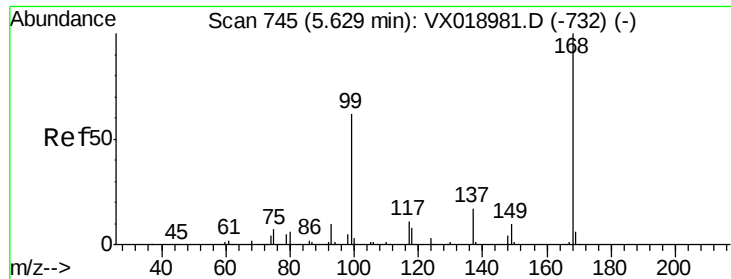
Manual Integrations
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10/21/2020 1:04:45 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	170566	41.397	ug/l	98
94) Hexachlorobutadiene	13.76	225	70853	42.351	ug/l	97
95) Naphthalene	13.82	128	629243	45.768	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	169540	43.576	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 159699

Ion Ratio Lower Upper

168 100

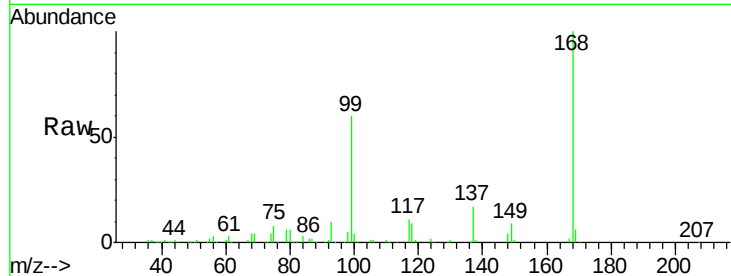
99 59.4 49.7 74.5

Manual Integrations

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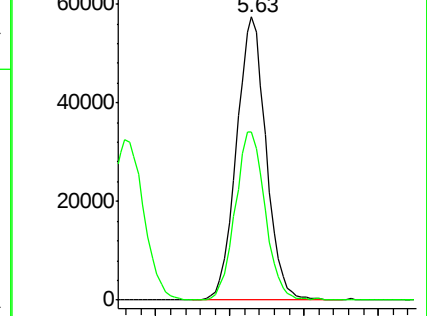
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10/21/2020 1:04:45 PM

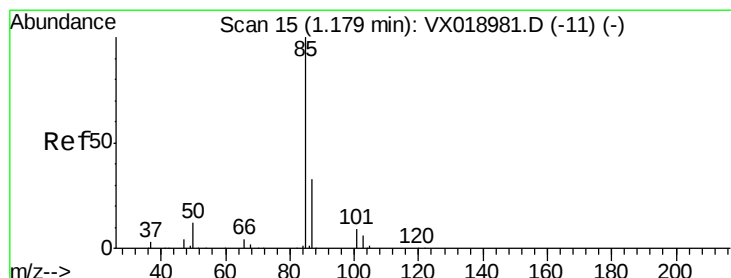
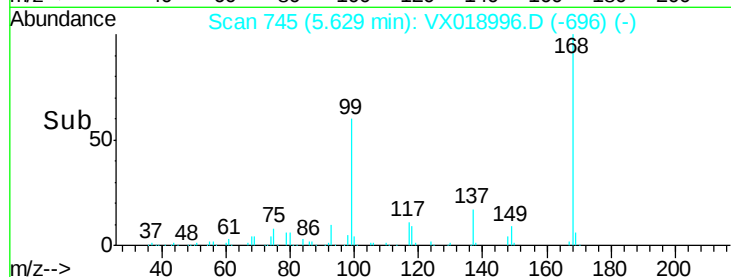


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 53.367 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX018996.D

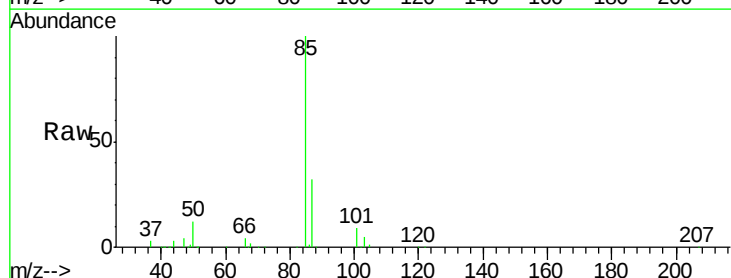
Acq: 21 Oct 2020 00:09

Tgt Ion: 85 Resp: 70808

Ion Ratio Lower Upper

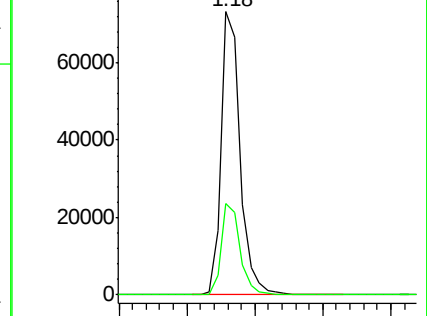
85 100

87 32.2 16.4 49.1

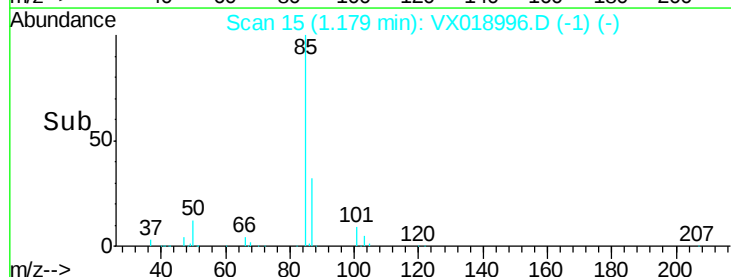


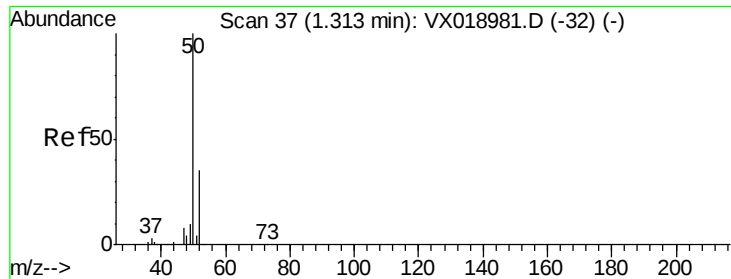
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 50.584 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 77927

Ion Ratio Lower Upper

50 100

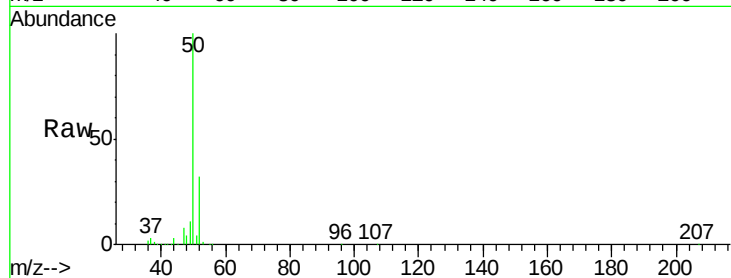
52 32.5 27.7 41.5

Manual Integrations

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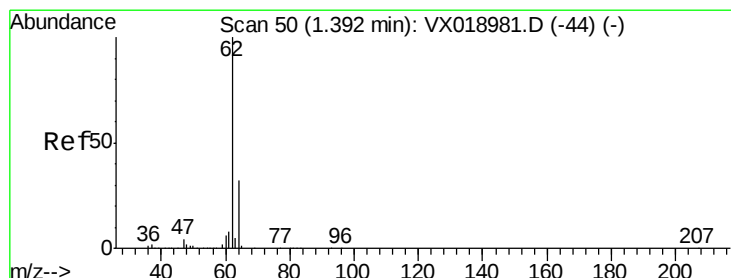
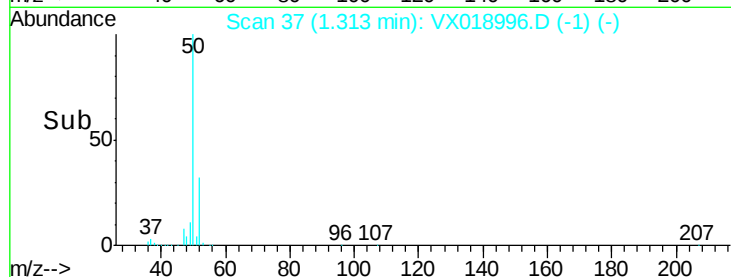
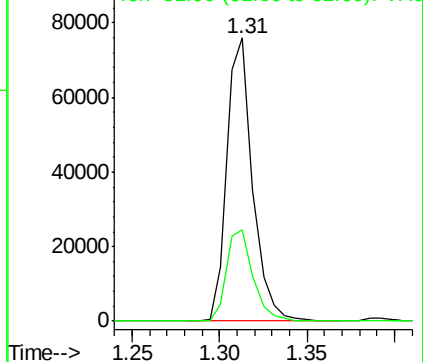
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.226 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018996.D

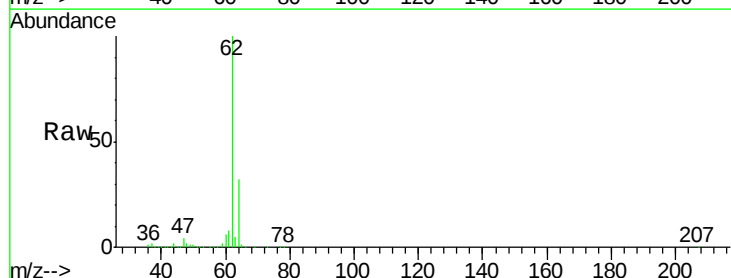
Acq: 21 Oct 2020 00:09

Tgt Ion: 62 Resp: 111198

Ion Ratio Lower Upper

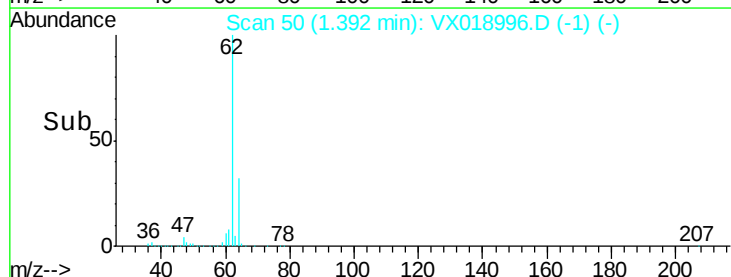
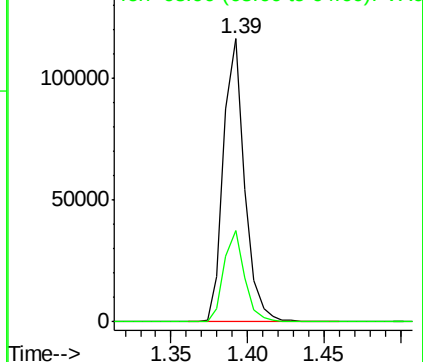
62 100

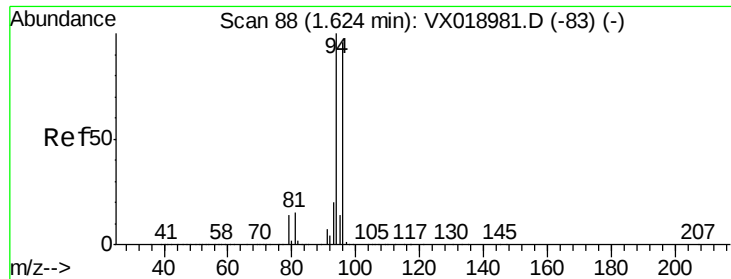
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.860 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 94108

Ion Ratio Lower Upper

94 100

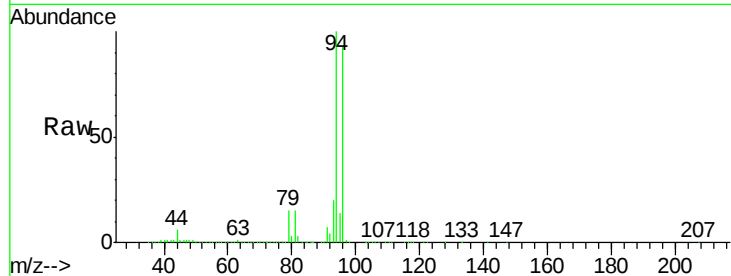
96 93.3 76.4 114.6

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

120000

100000

80000

60000

40000

20000

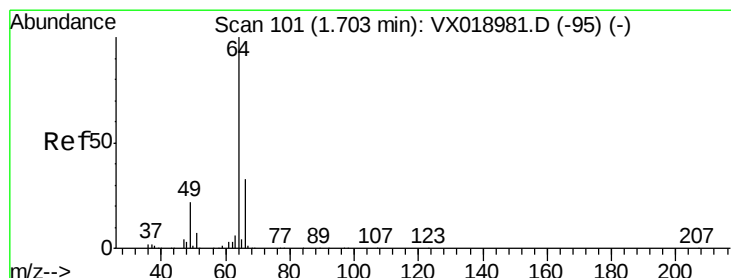
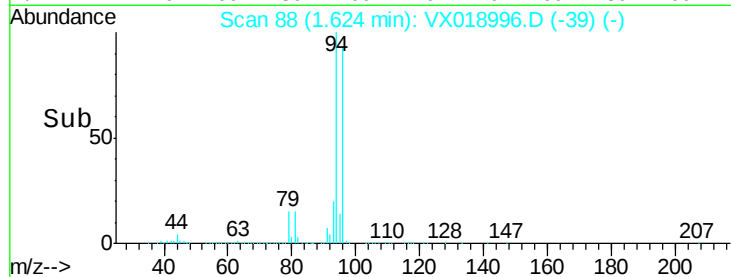
0

1.60

1.62

1.65

Time-->



#6

Chloroethane

Concen: 52.485 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX018996.D

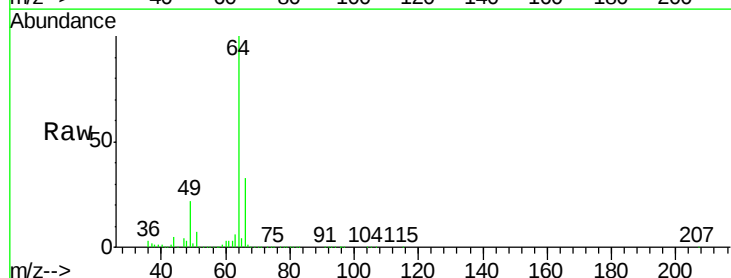
Acq: 21 Oct 2020 00:09

Tgt Ion: 64 Resp: 81894

Ion Ratio Lower Upper

64 100

66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

40000

20000

0

1.60

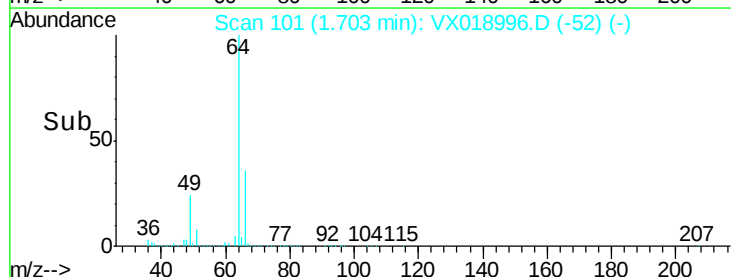
1.65

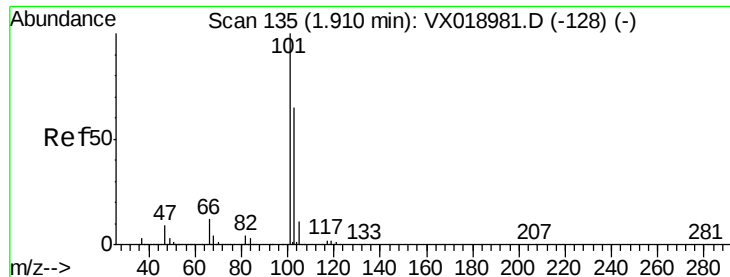
1.70

1.75

1.80

Time-->





#7

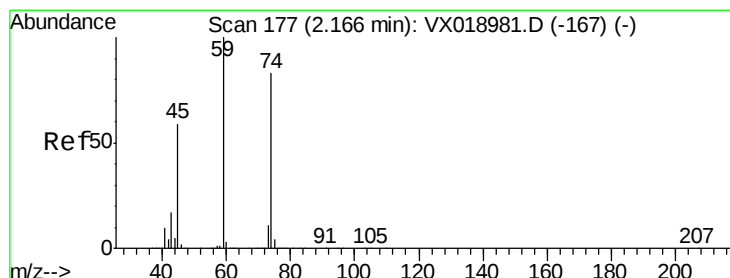
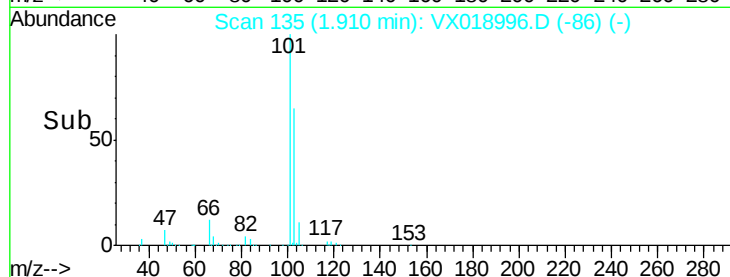
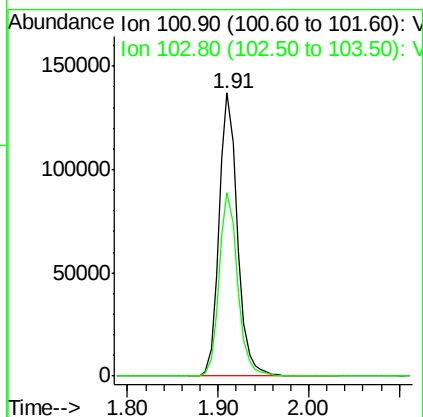
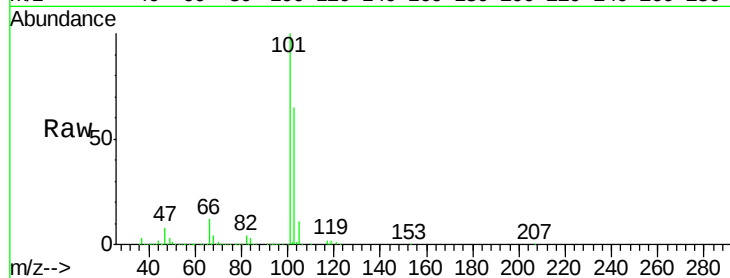
Trichlorofluoromethane
Concen: 53.624 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.6	77.4

Manual Integrations
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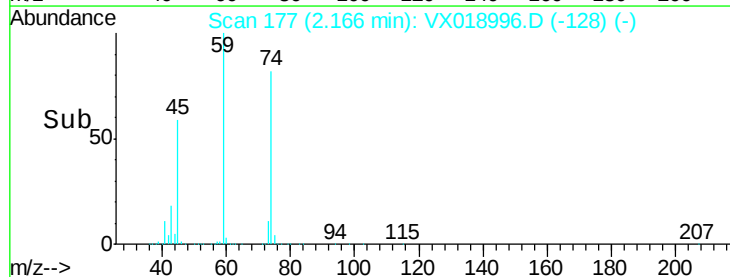
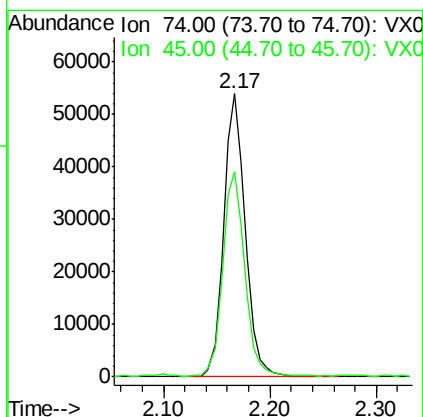
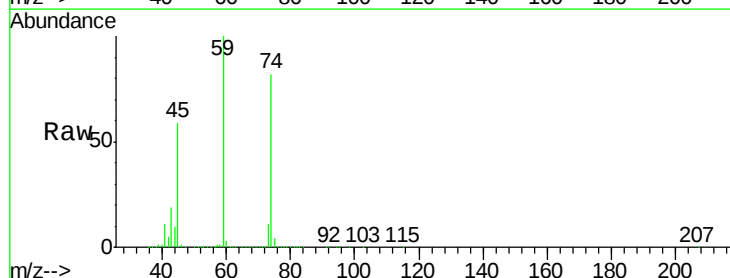
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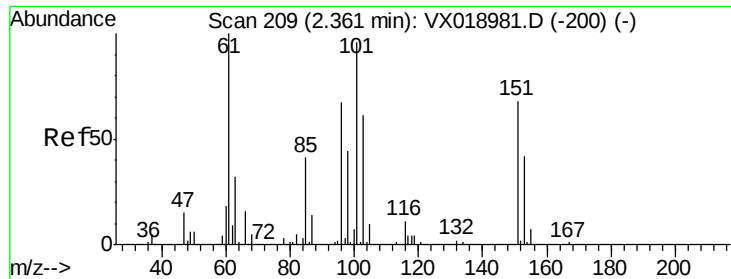


#8

Diethyl Ether
Concen: 52.371 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.1	36.0	108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.563 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

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MSVOA_X

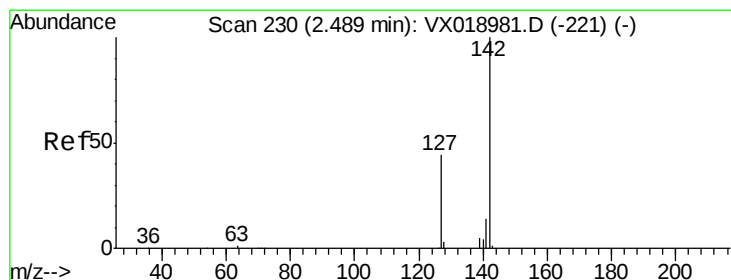
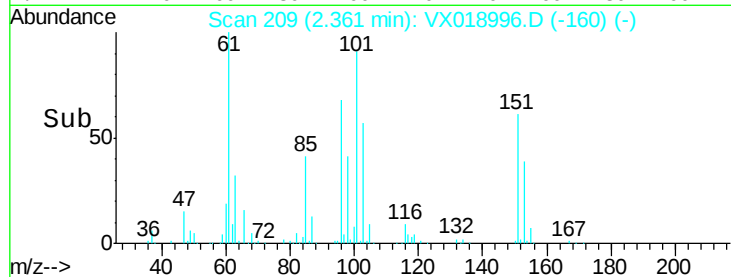
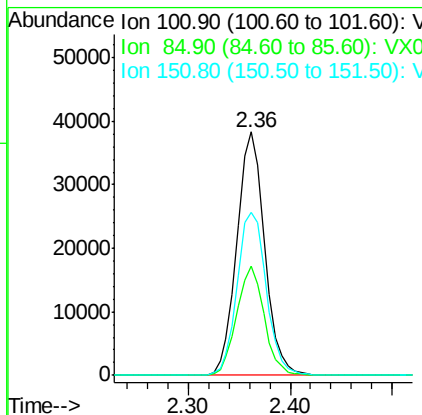
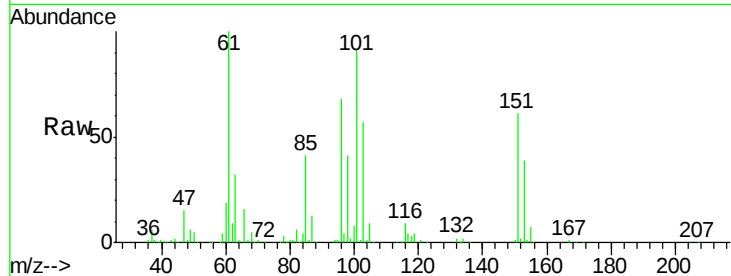
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	72239
Ion Ratio	Lower	Upper	
101	100		
85	44.6	34.9	52.3
151	70.4	56.1	84.1

Manual Integrations
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#10

Methyl Iodide

Concen: 49.827 ug/l

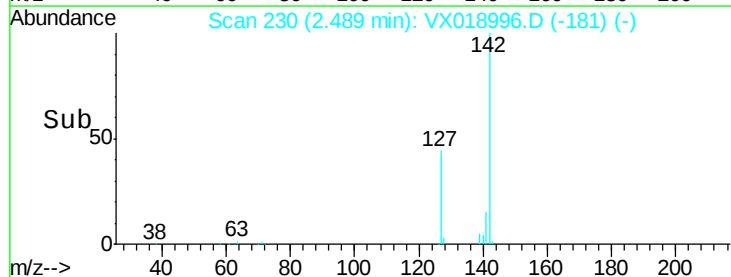
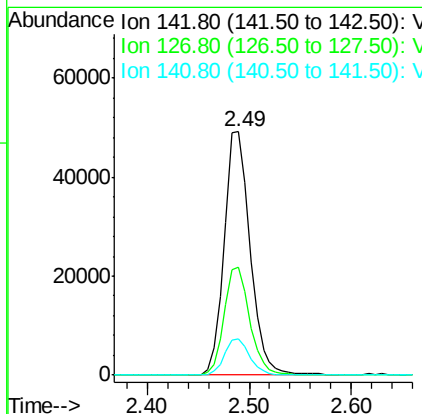
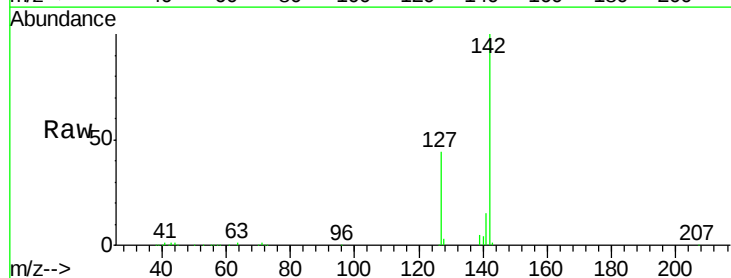
RT: 2.49 min Scan# 230

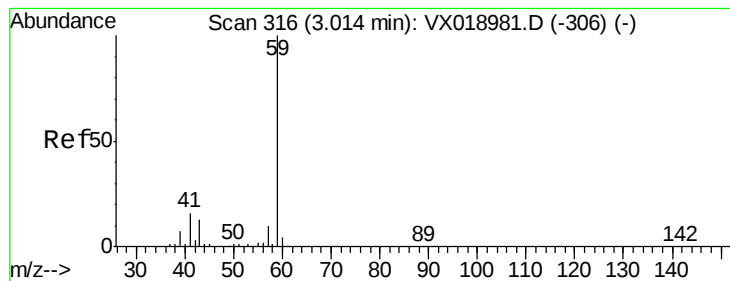
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	142	Resp:	86898
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.2	51.2
141	14.6	11.3	16.9





#11

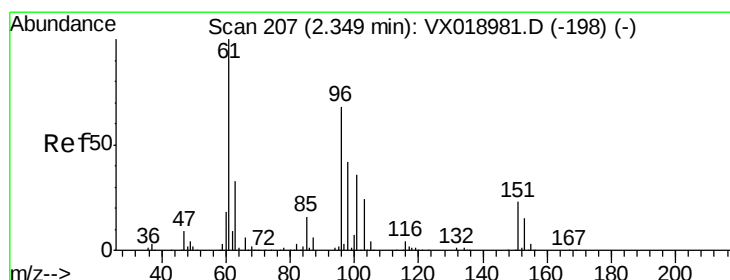
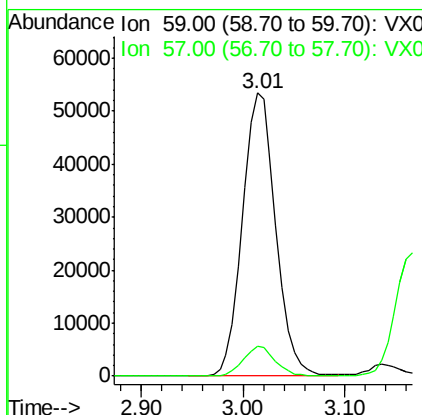
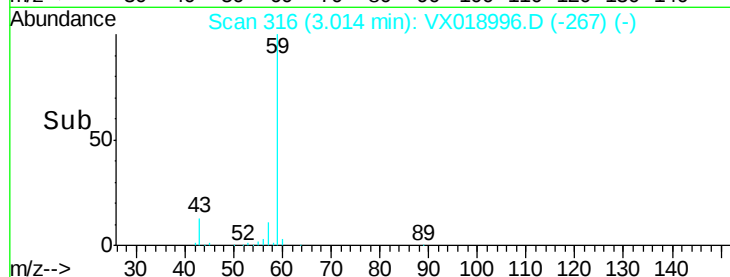
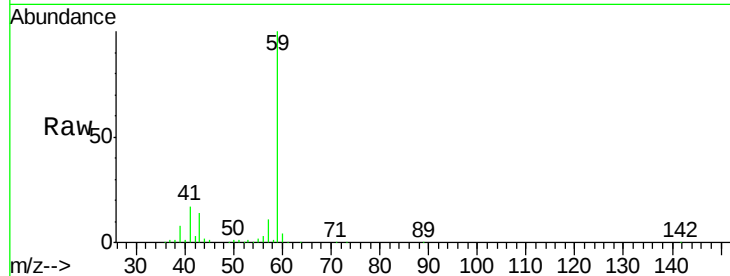
Tert butyl alcohol
Concen: 251.760 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

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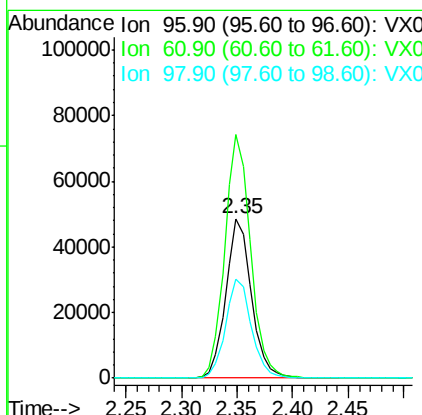
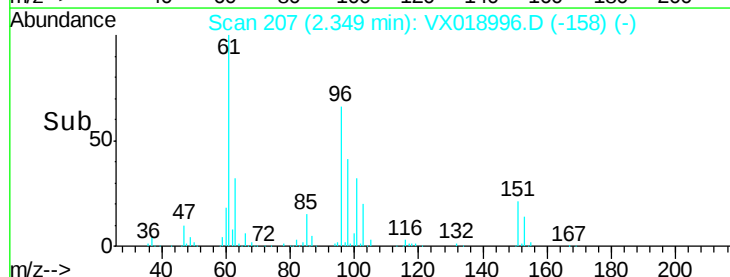
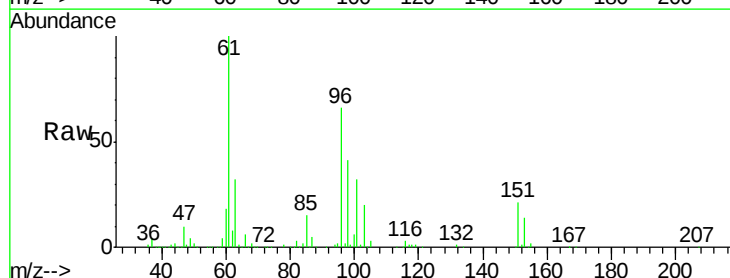
MMDadoda
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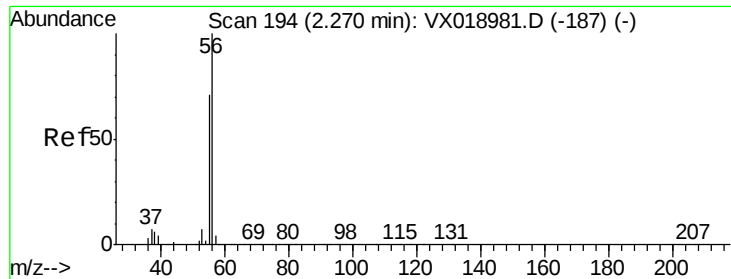


#12

1,1-Dichloroethene
Concen: 44.550 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.6	117.4	176.0
98	62.4	48.9	73.3





#13

Acrolein

Concen: 253.998 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 64103

Ion Ratio Lower Upper

56 100

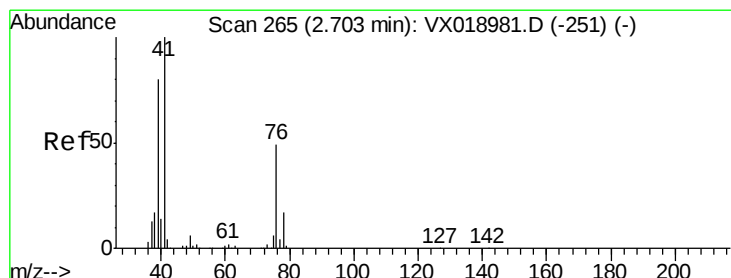
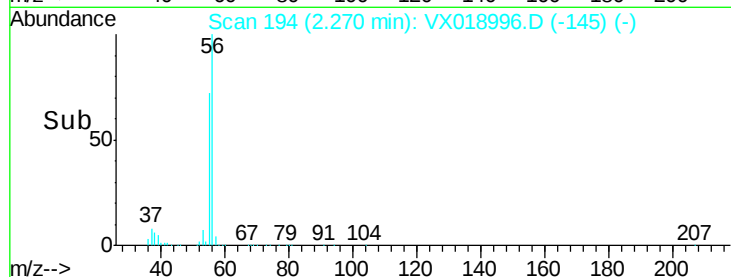
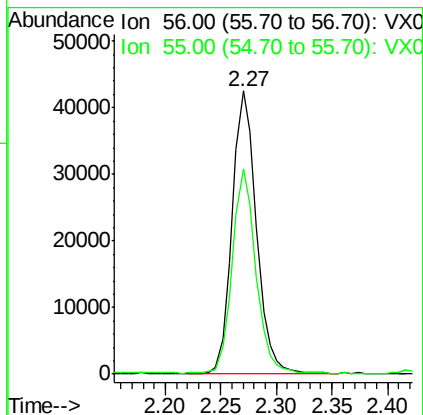
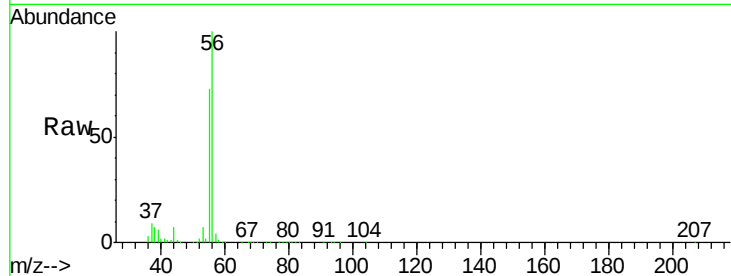
55 70.1 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 50.032 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

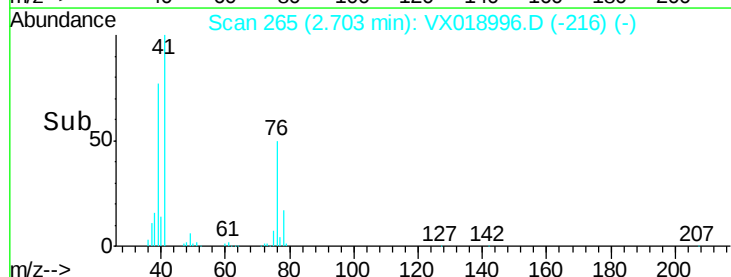
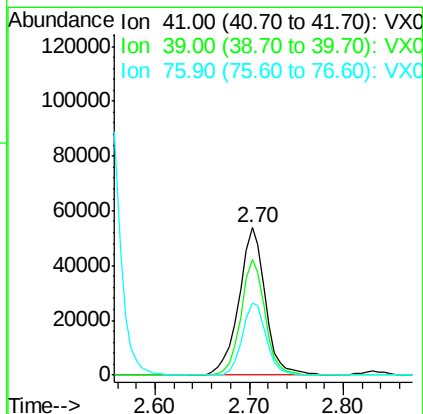
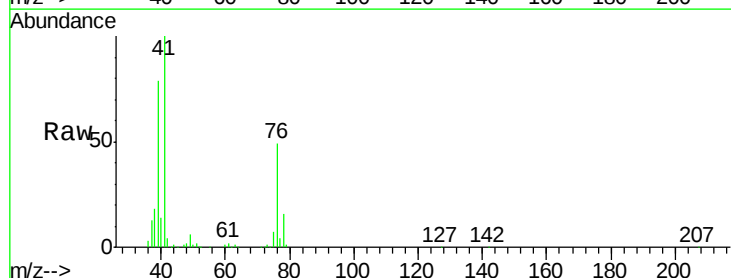
Tgt Ion: 41 Resp: 104560

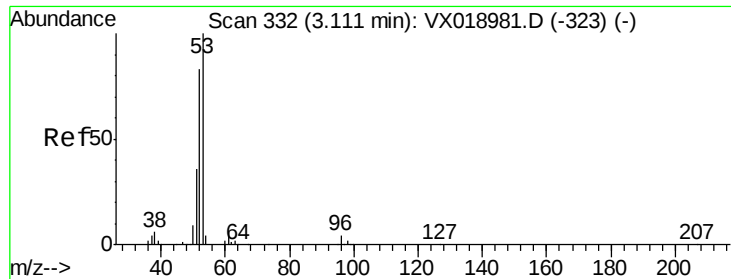
Ion Ratio Lower Upper

41 100

39 72.4 57.8 86.8

76 45.0 36.2 54.4





#15

Acrylonitrile

Concen: 260.191 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

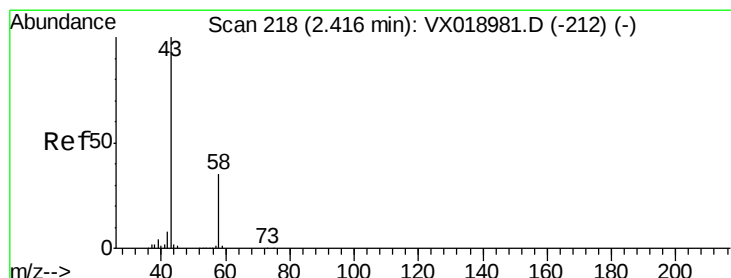
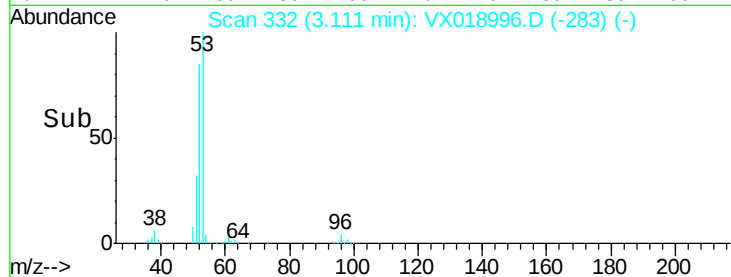
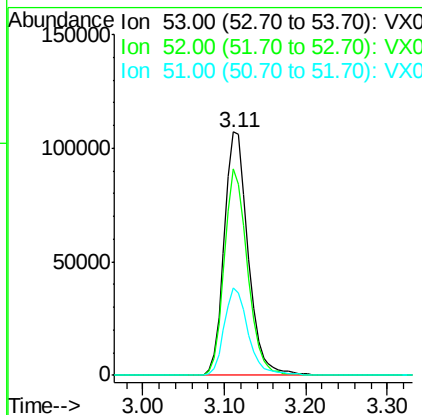
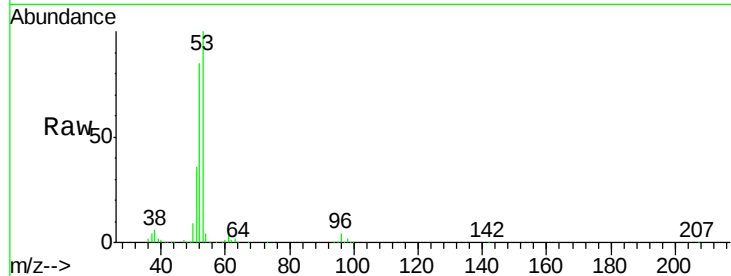
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	217439
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	36.1	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 251.648 ug/l

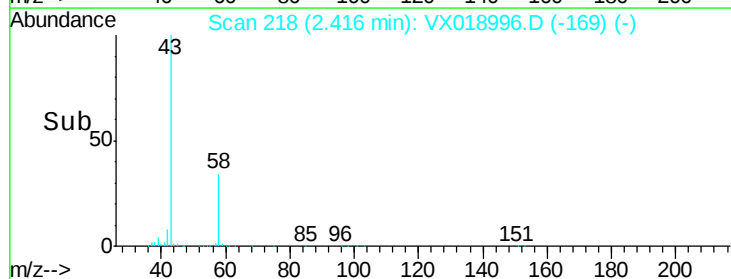
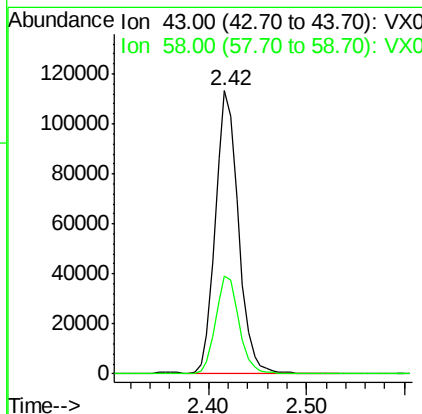
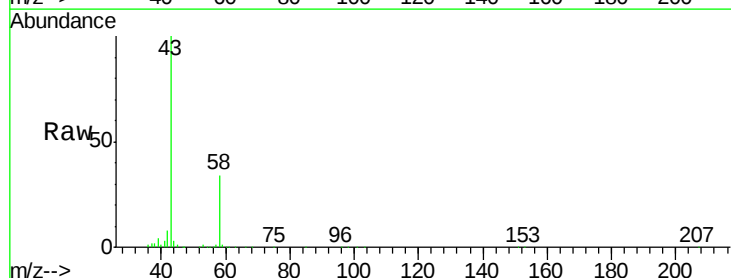
RT: 2.42 min Scan# 218

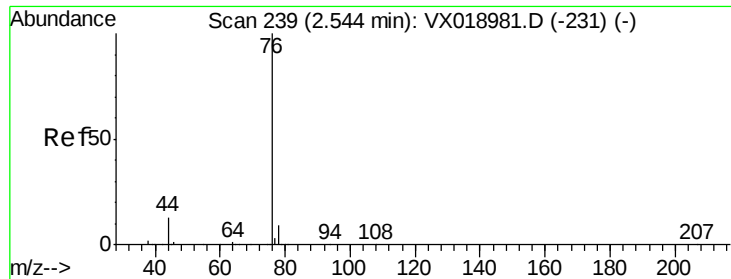
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	43	Resp:	183943
Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.9	41.9





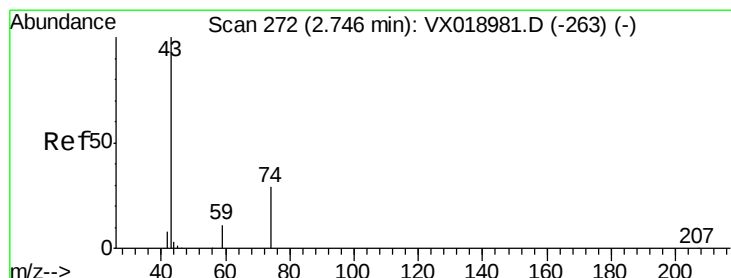
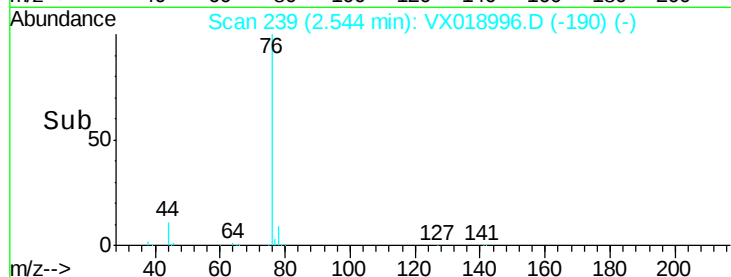
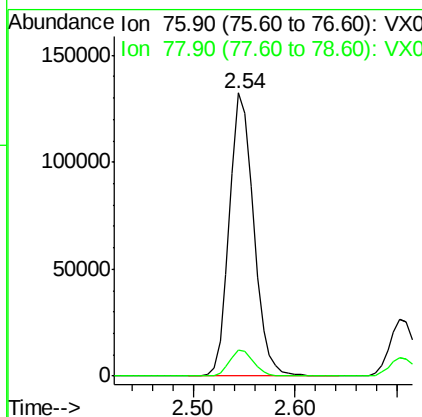
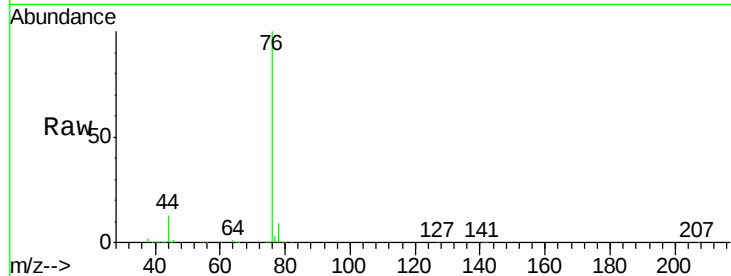
#17
Carbon Disulfide
Concen: 48.328 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.6	11.4

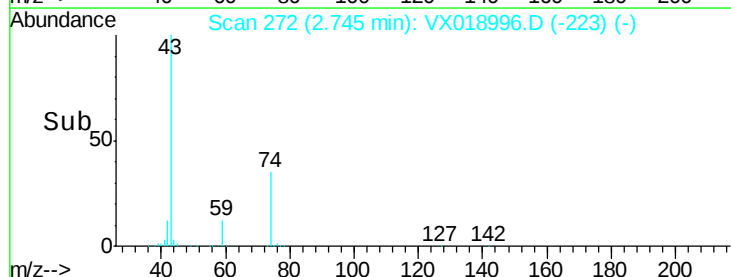
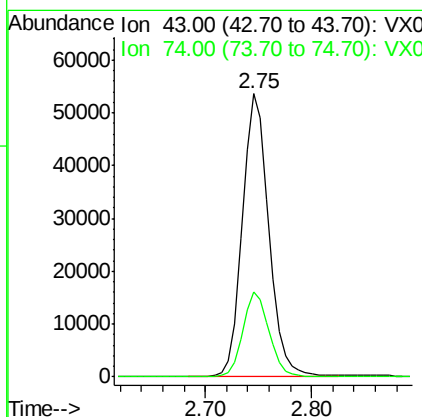
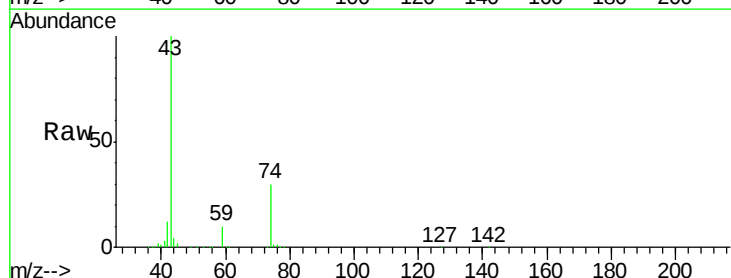
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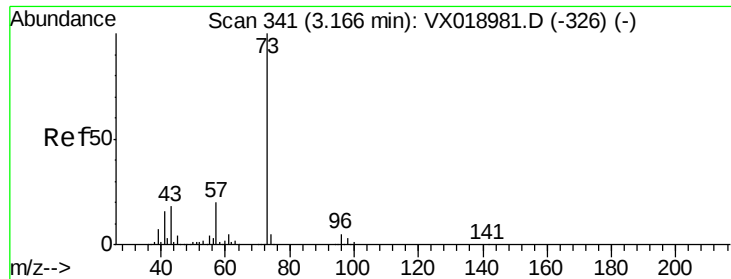
MMDadoda
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#18
Methyl Acetate
Concen: 52.753 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.4	24.1	36.1





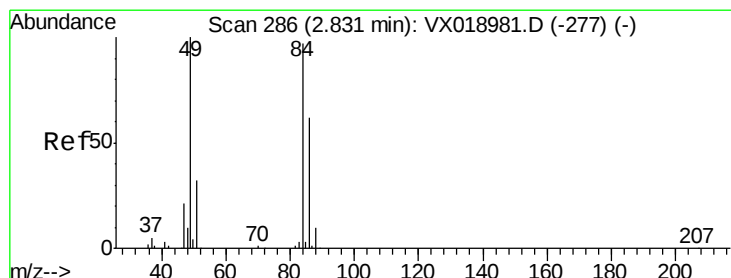
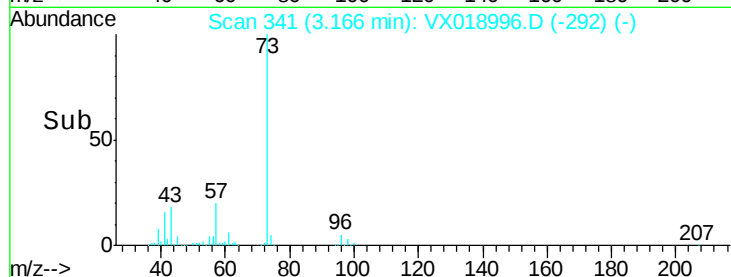
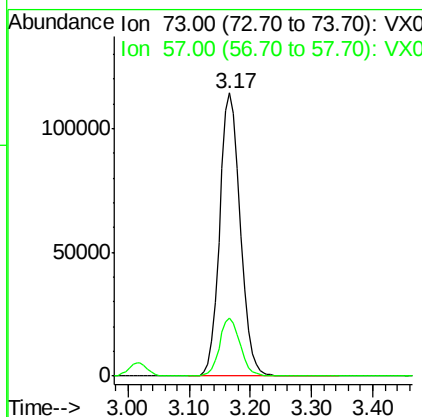
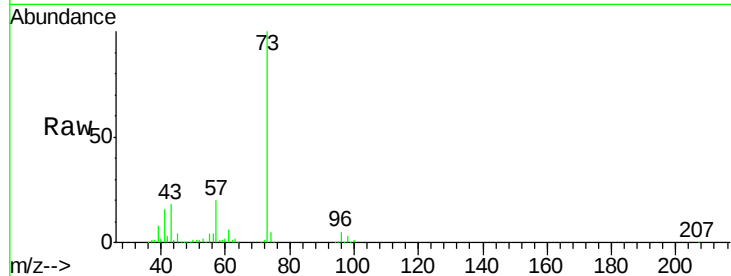
#19
Methvl tert-butvl Ether
Concen: 51.055 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.2	24.2

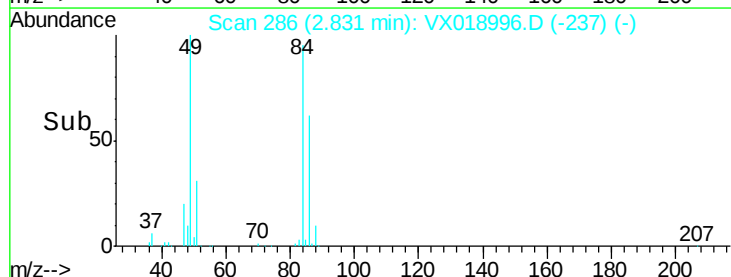
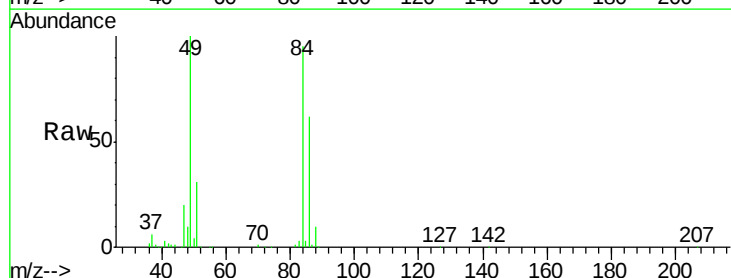
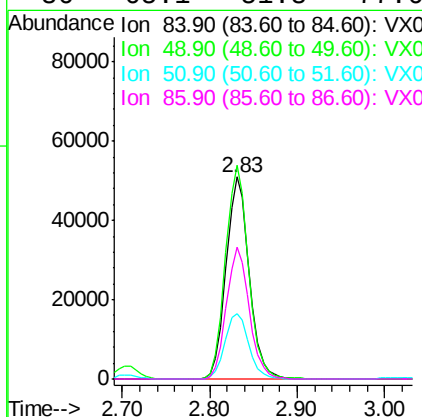
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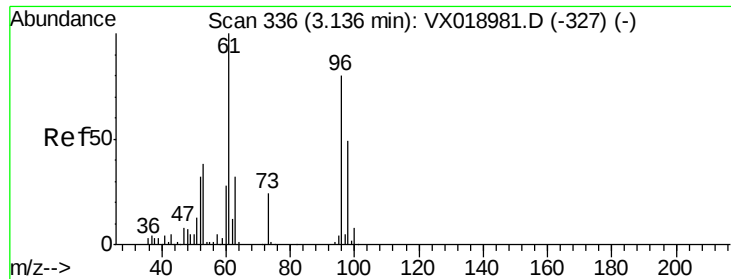
MMDadoda
10/21/2020 1:04:45 PM



#20
Methylene Chloride
Concen: 49.368 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.8	82.9	124.3
51	32.6	26.4	39.6
86	65.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 49.853 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

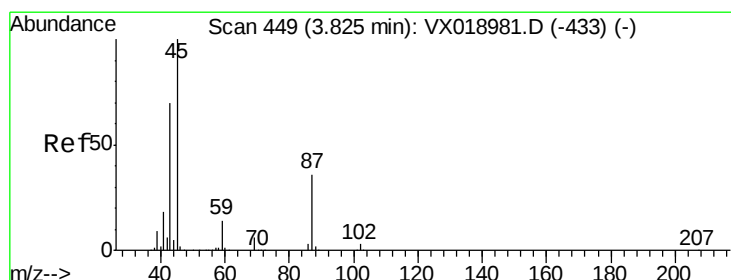
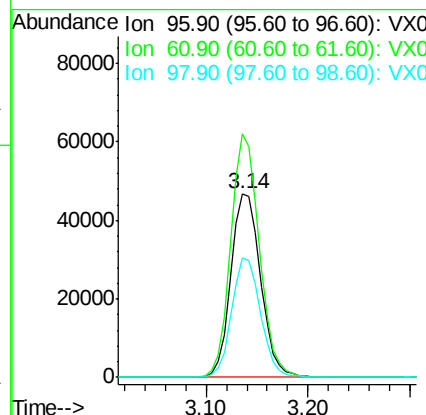
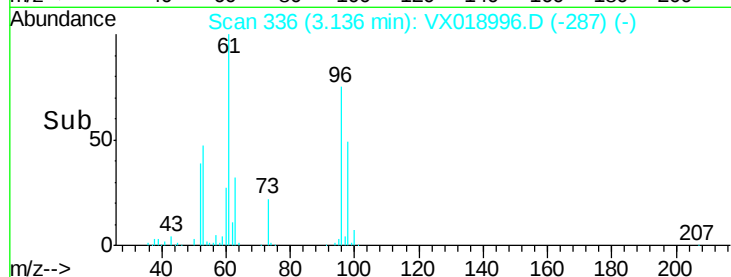
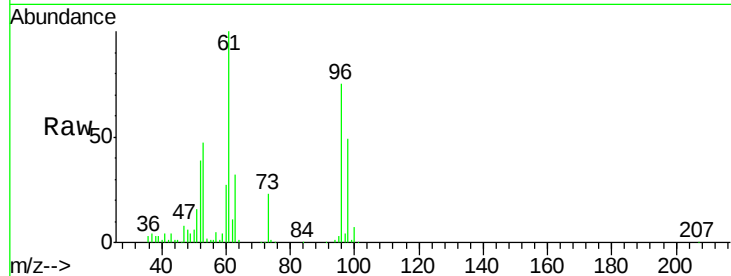
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	94060
Ion	Ratio	Lower	Upper
96	100		
61	132.5	99.8	149.8
98	64.7	49.1	73.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.270 ug/l

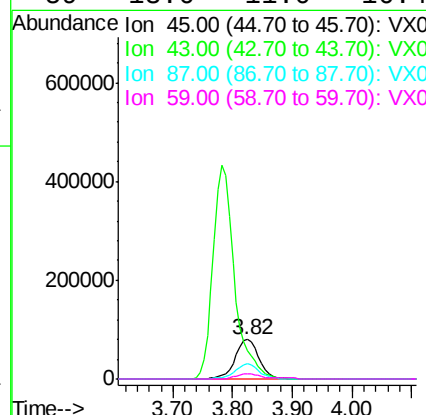
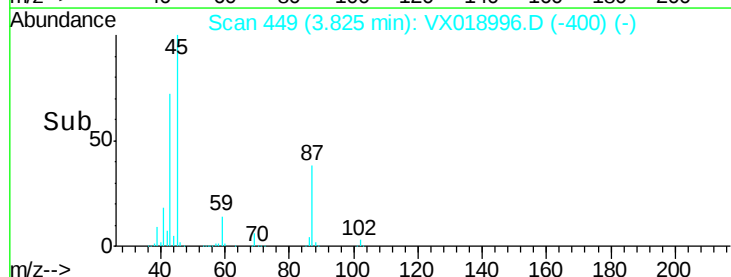
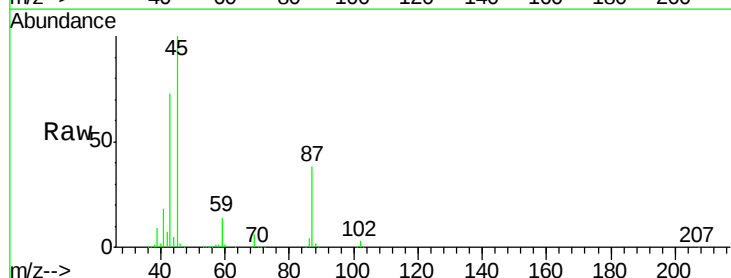
RT: 3.82 min Scan# 449

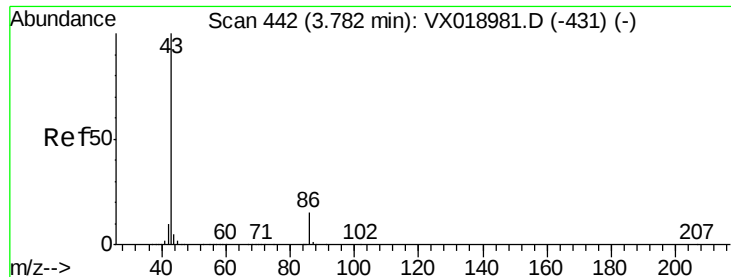
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	45	Resp:	224592
Ion	Ratio	Lower	Upper
45	100		
43	72.1	56.1	84.1
87	38.2	29.2	43.8
59	13.6	11.0	16.4





#23

Vinyl Acetate

Concen: 266.716 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1080859

Ion Ratio Lower Upper

43 100

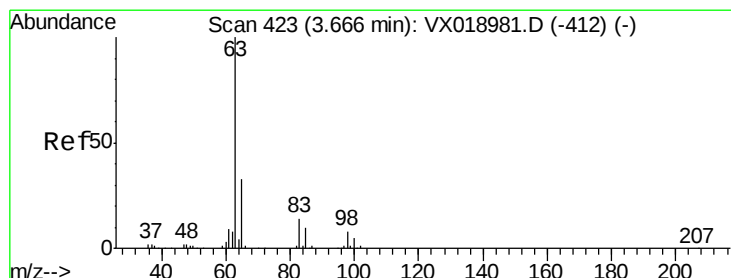
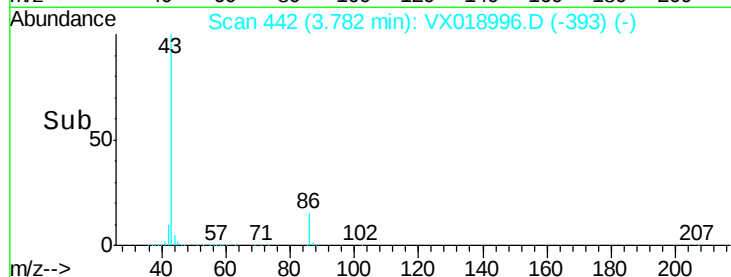
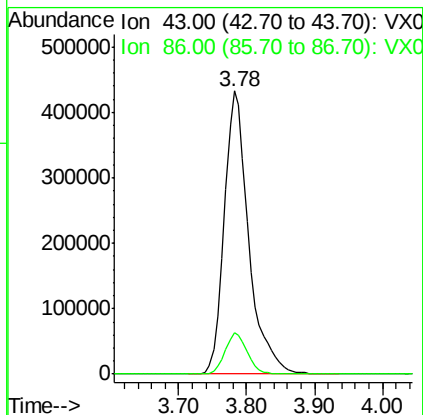
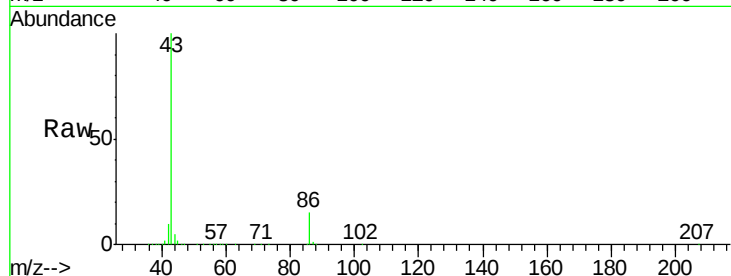
86 14.5 11.8 17.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.224 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

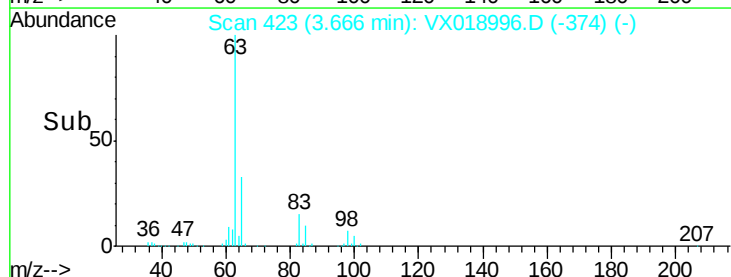
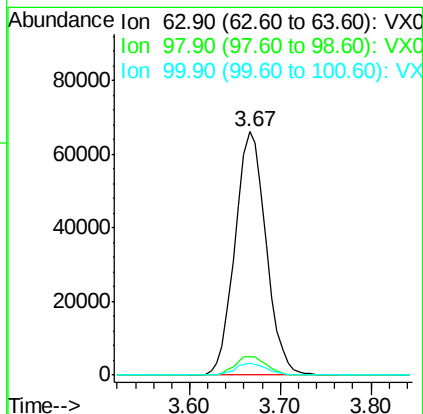
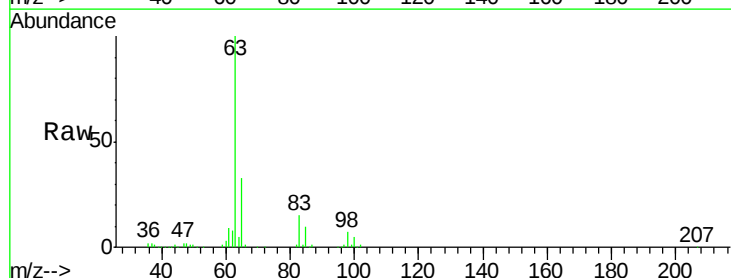
Tgt Ion: 63 Resp: 157147

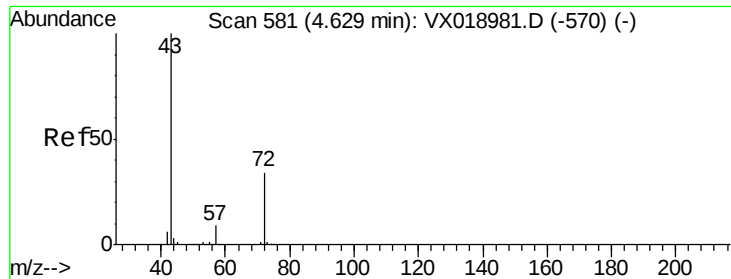
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 266.594 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 314787

Ion Ratio Lower Upper

43 100

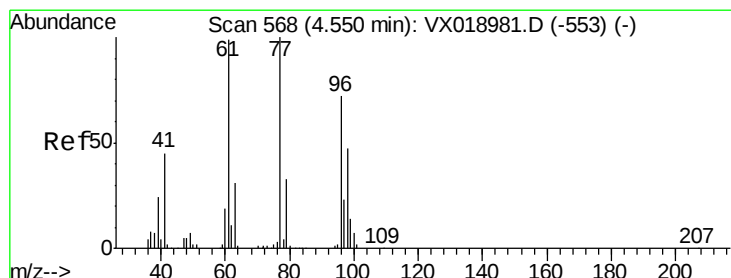
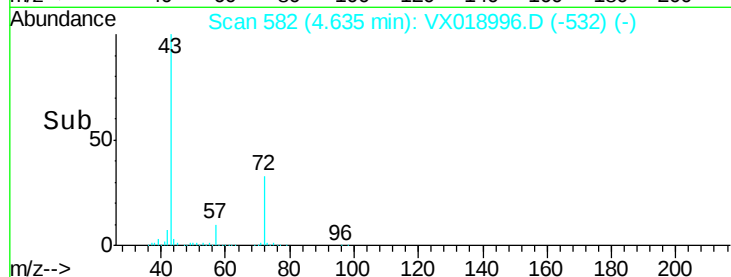
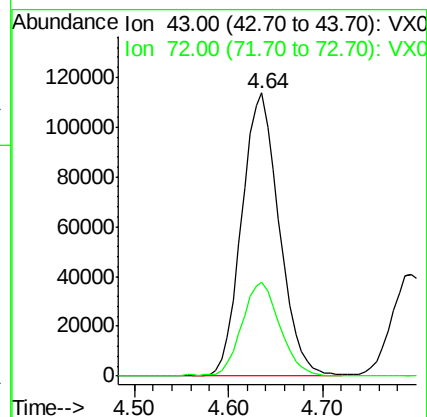
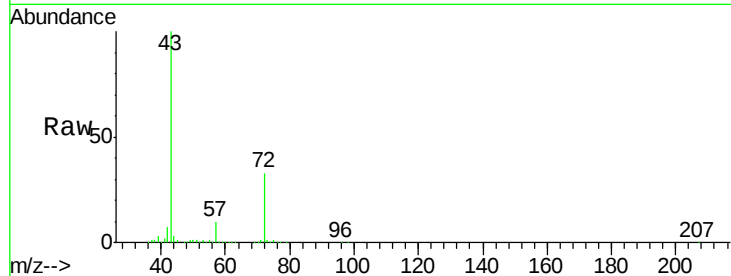
72 33.2 27.3 40.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.280 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018996.D

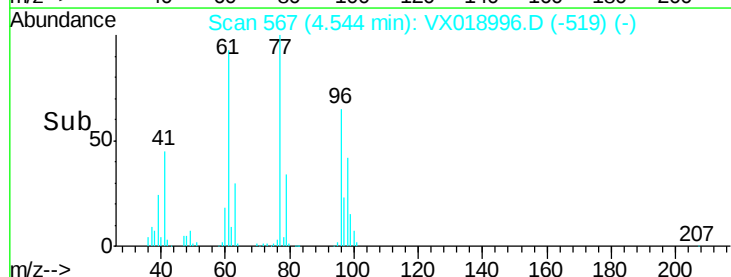
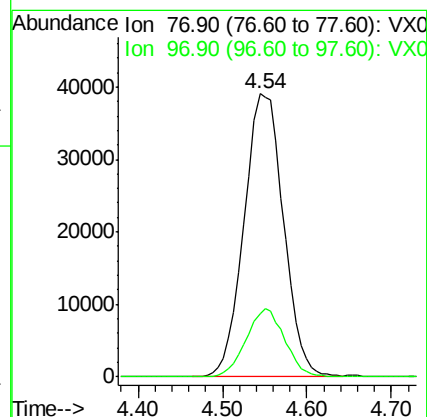
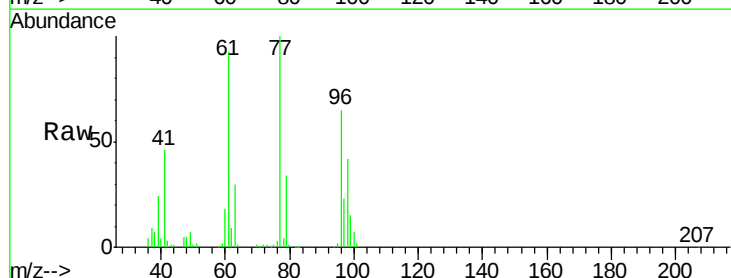
Acq: 21 Oct 2020 00:09

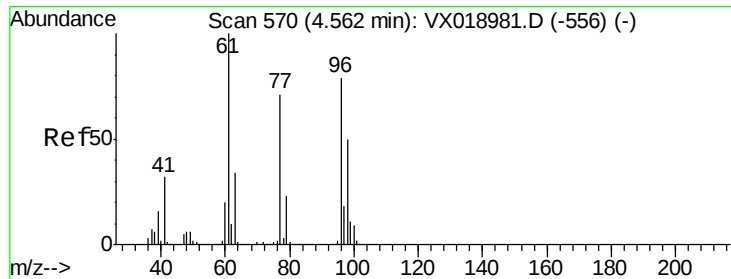
Tgt Ion: 77 Resp: 124406

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

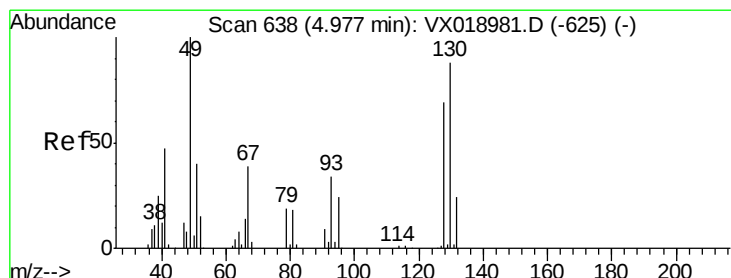
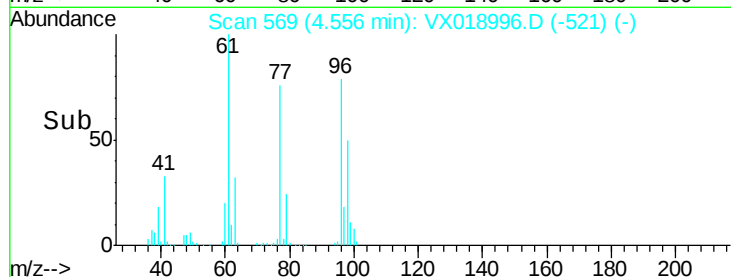
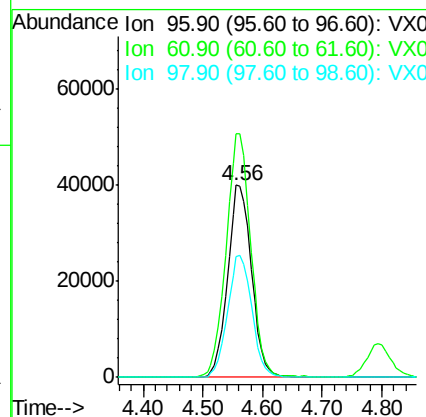
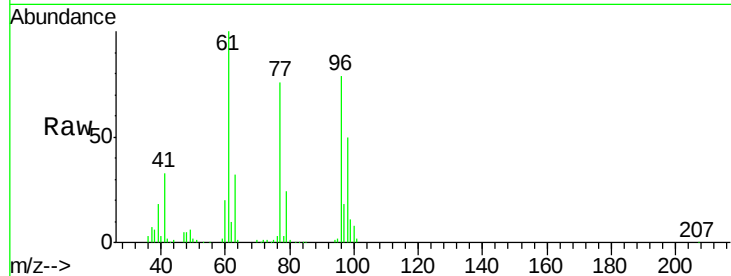
cis-1,2-Dichloroethene
Concen: 50.839 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	266.2
98	64.2	0.0	128.6

Manual Integrations
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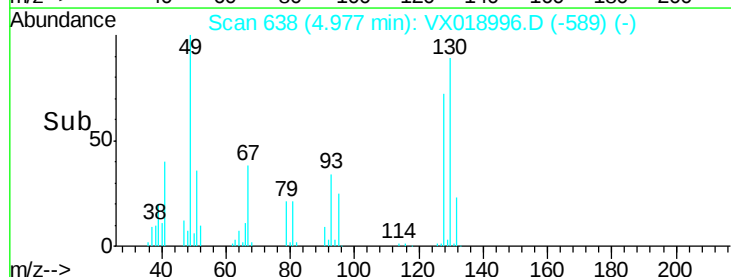
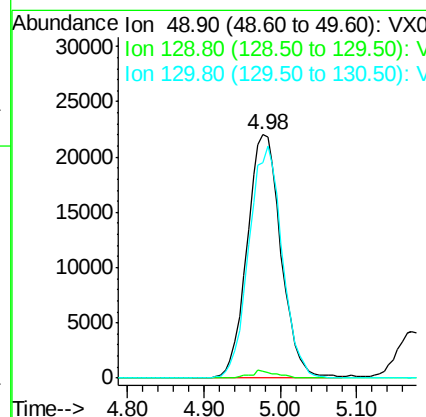
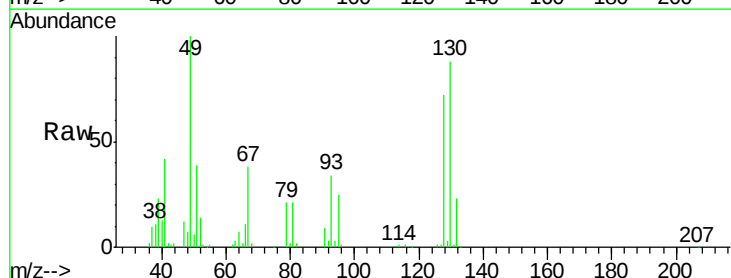
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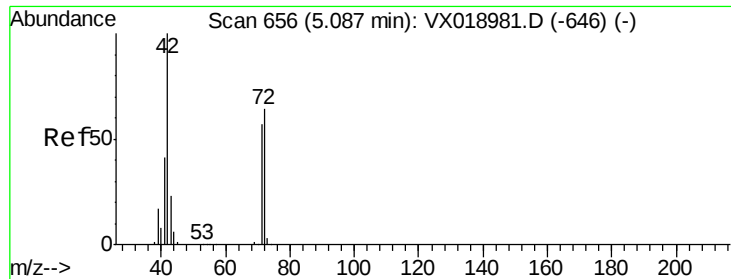


#28

Bromochloromethane
Concen: 51.283 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	93.8	74.0	111.0





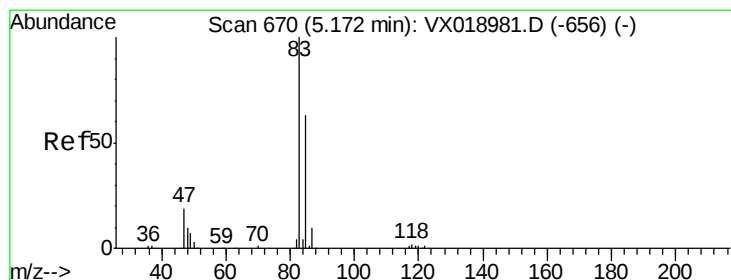
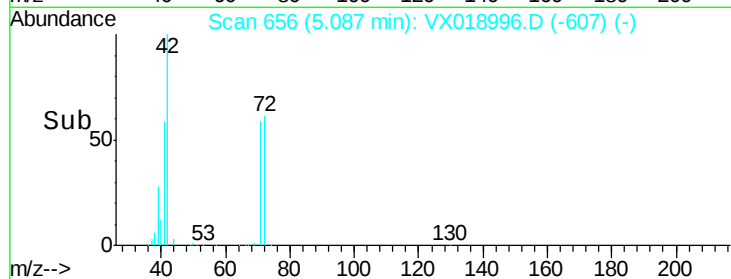
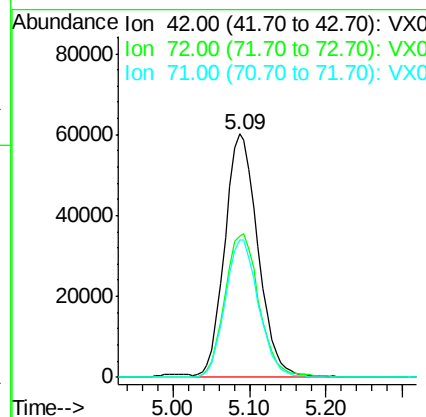
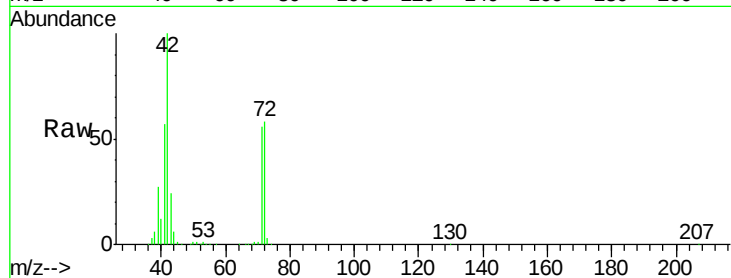
#29
Tetrahydrofuran
Concen: 258.997 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.5	49.2	73.8
71	57.2	45.3	67.9

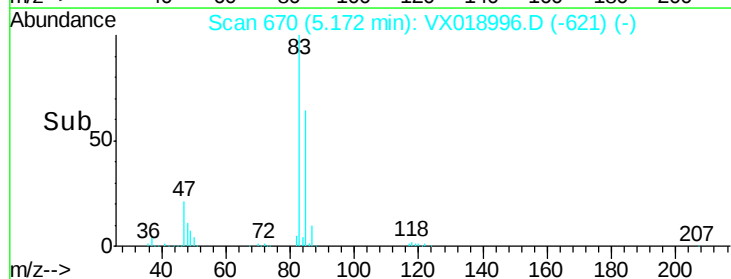
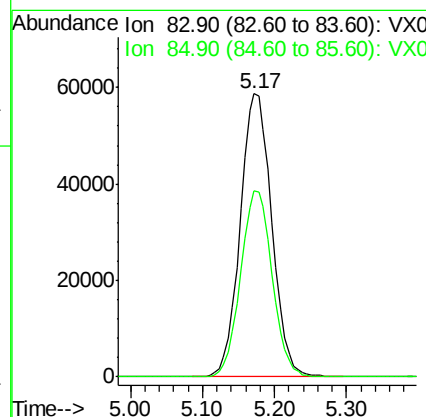
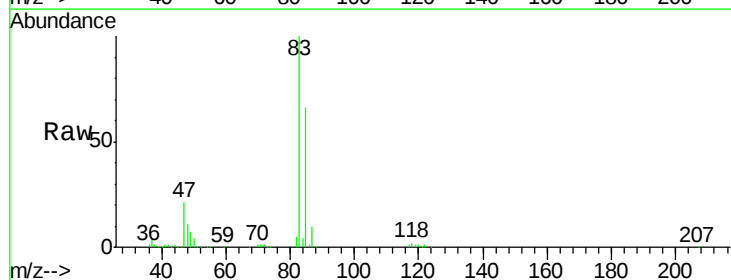
Manual Integrations
APPROVED

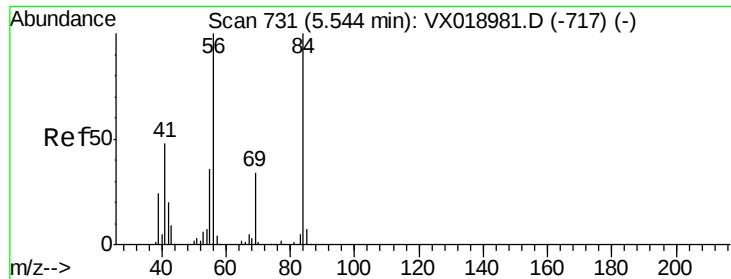
MMDadoda
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#30
Chloroform
Concen: 52.132 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.1	75.1





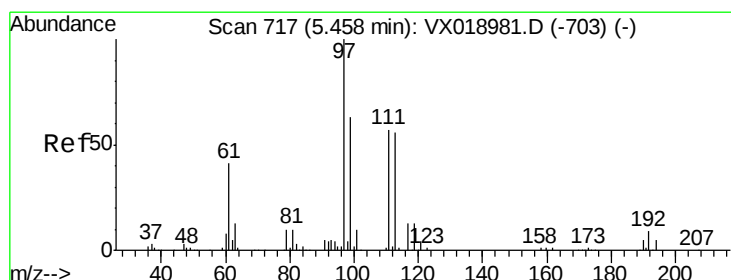
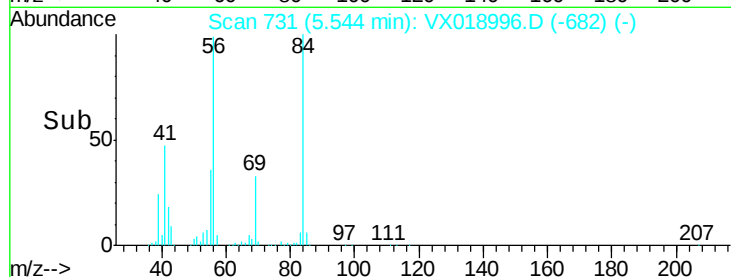
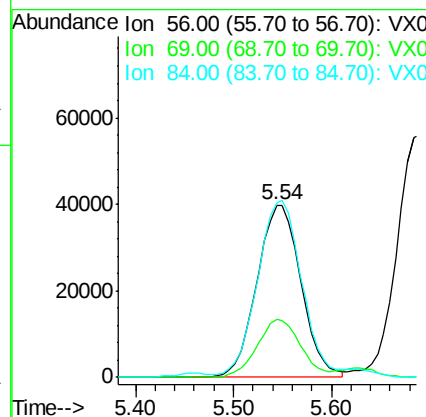
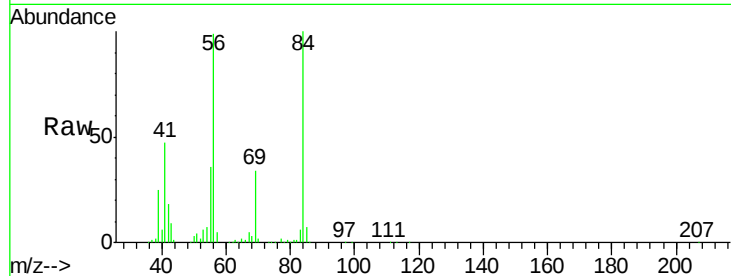
#31
Cyclohexane
Concen: 50.837 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.1	40.7
84	98.8	80.4	120.6

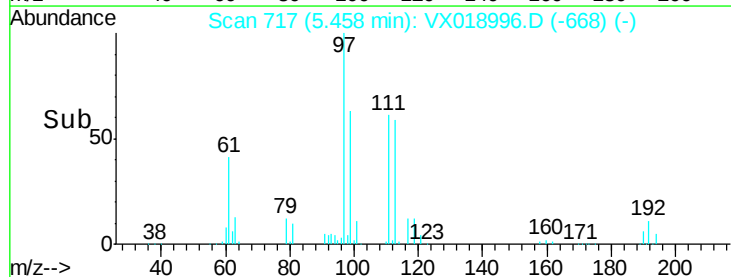
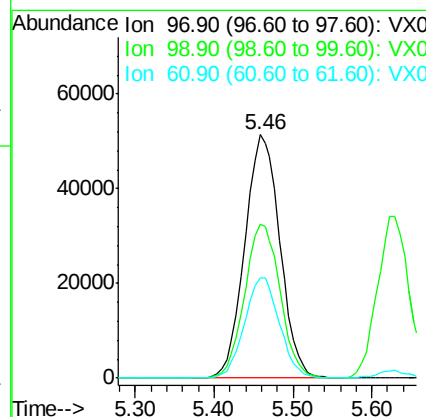
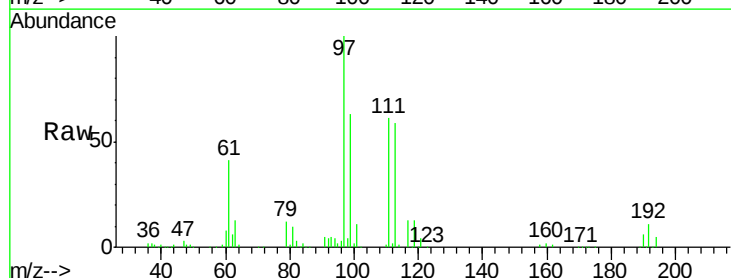
Manual Integrations
APPROVED

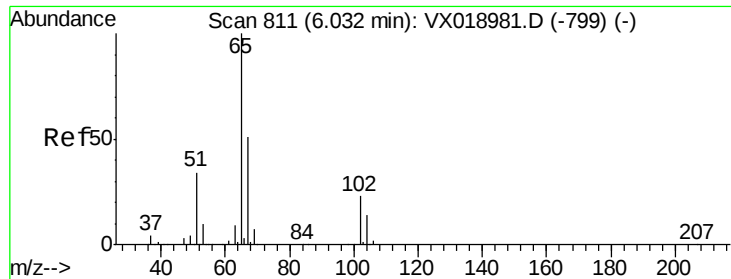
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.754 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	41.3	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 51.059 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 107185

Ion Ratio Lower Upper

65 100

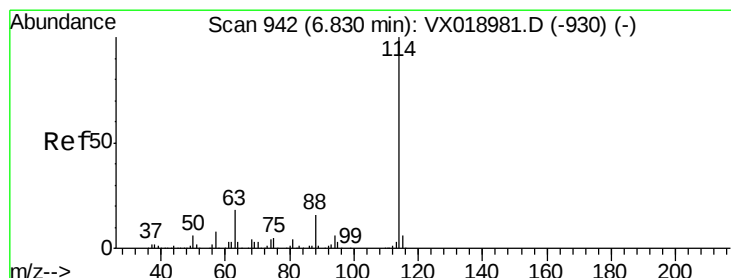
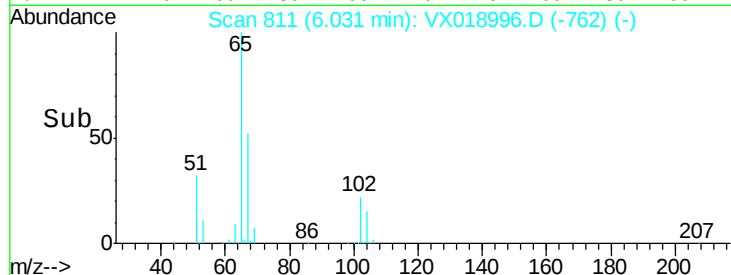
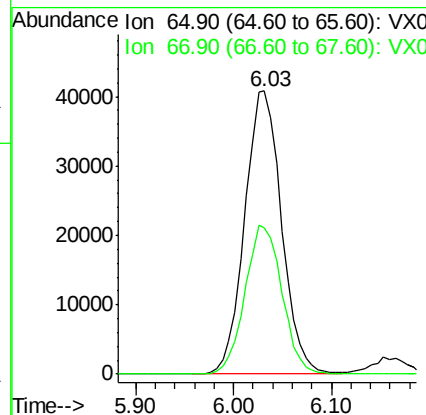
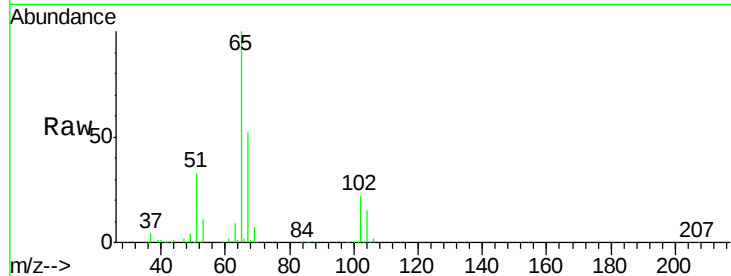
67 52.9 0.0 105.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

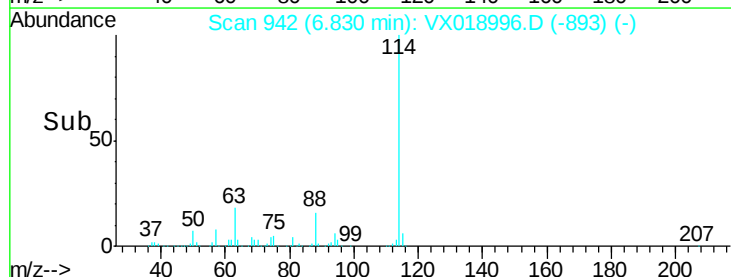
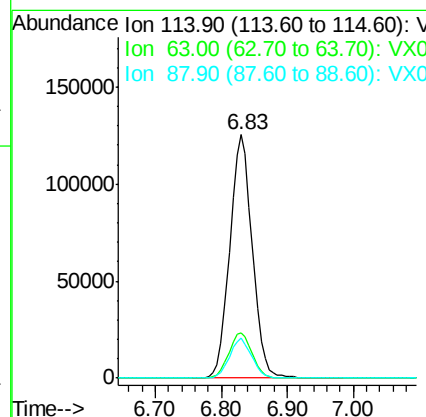
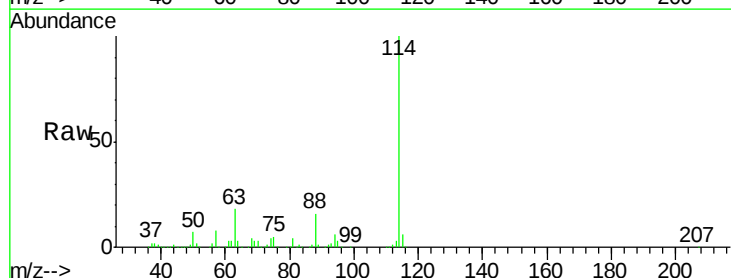
Tgt Ion: 114 Resp: 294991

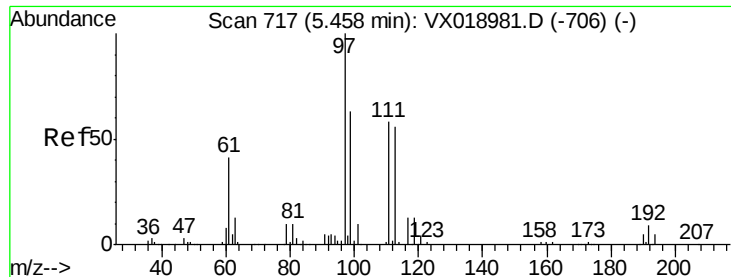
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.2 0.0 31.8





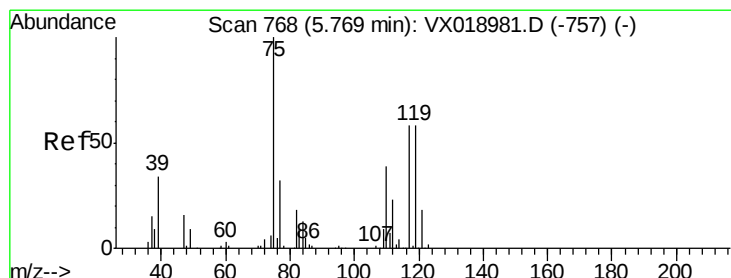
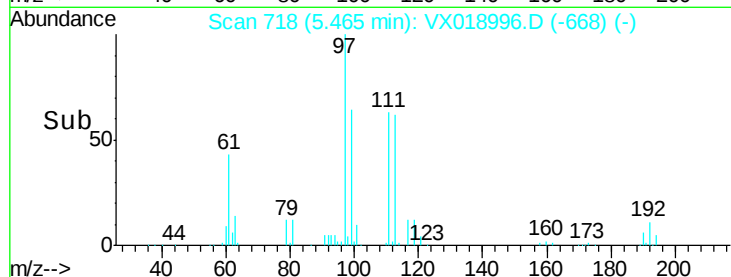
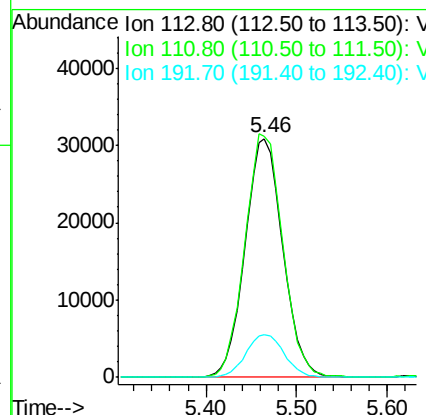
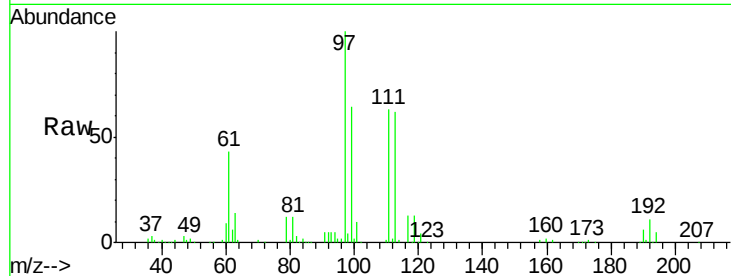
#35
 Dibromofluoromethane
 Concen: 47.793 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018996.D
 Acq: 21 Oct 2020 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.1	126.1
192	18.2	14.7	22.1

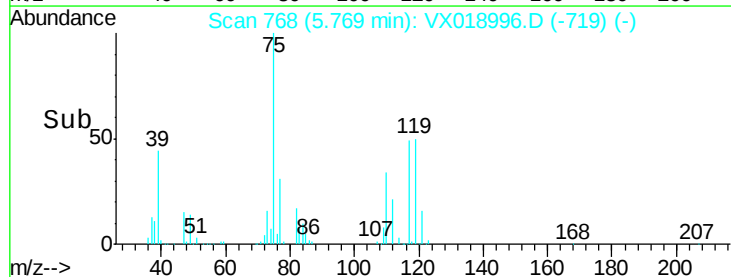
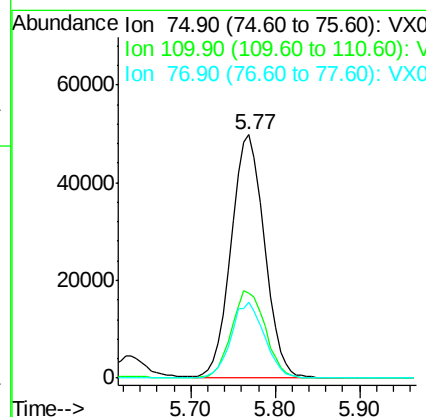
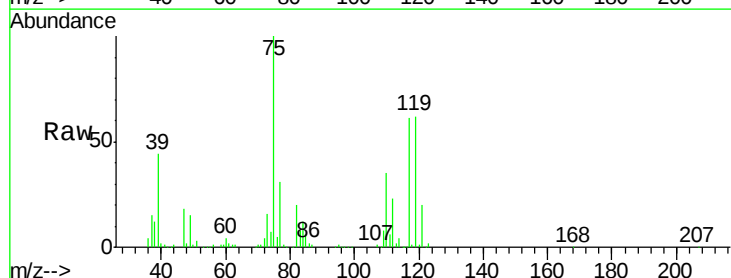
Manual Integrations
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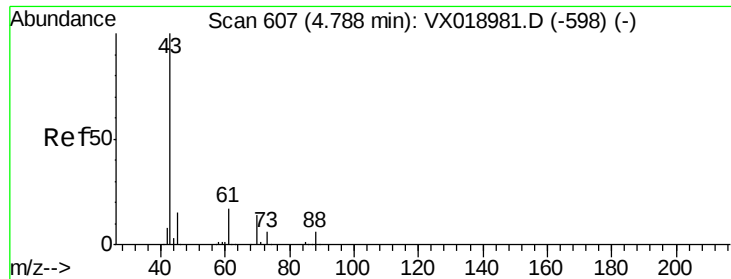
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#36
 1,1-Dichloropropene
 Concen: 48.538 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018996.D
 Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.6	55.6
77	31.3	25.0	37.4





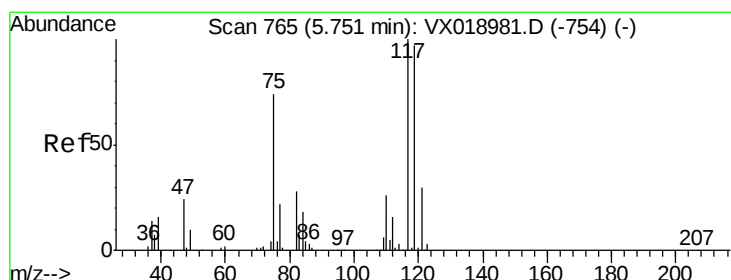
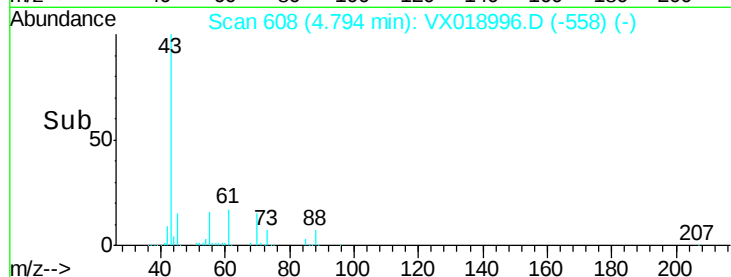
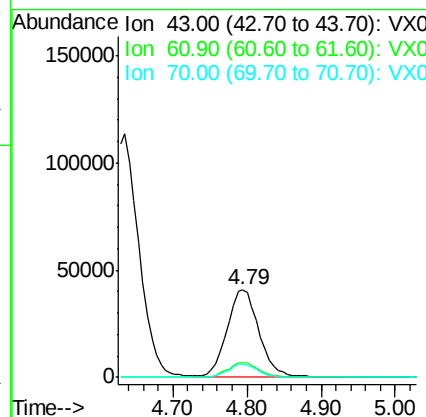
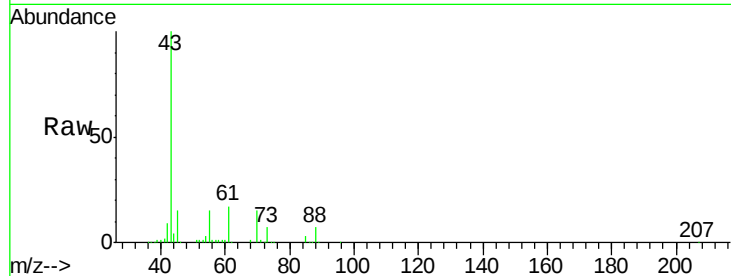
#37
Ethyl Acetate
Concen: 50.990 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.5	20.3
70	14.3	11.4	17.2

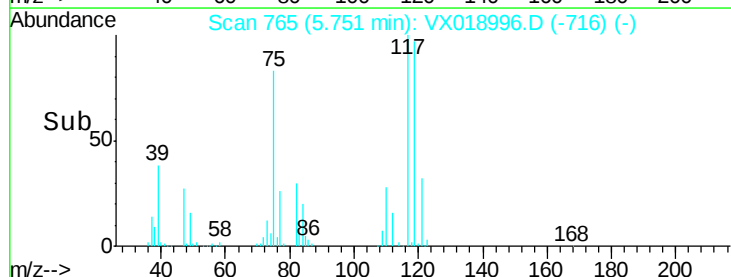
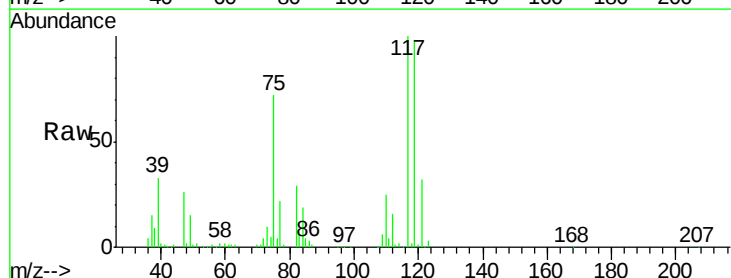
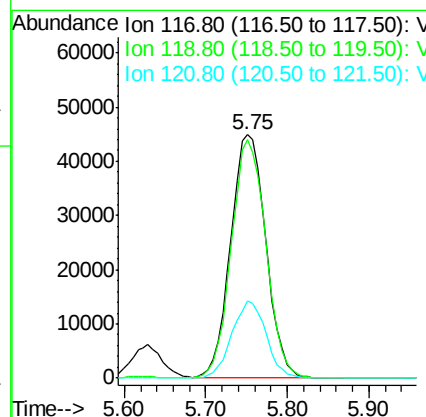
Manual Integrations
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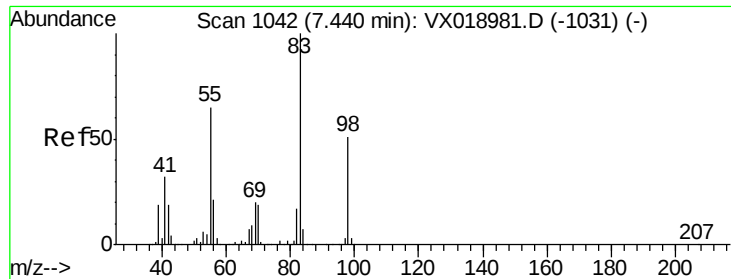
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#38
Carbon Tetrachloride
Concen: 48.345 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.6	116.4
121	31.6	23.9	35.9





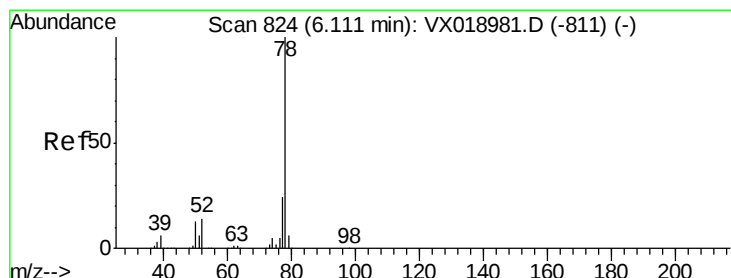
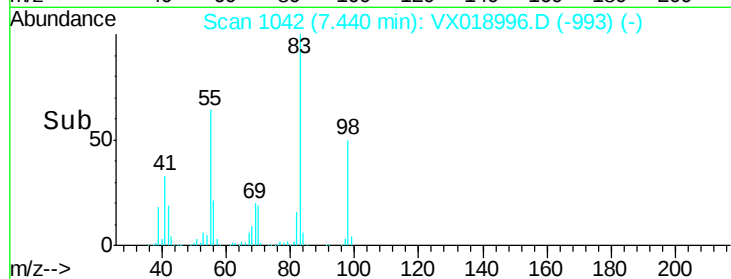
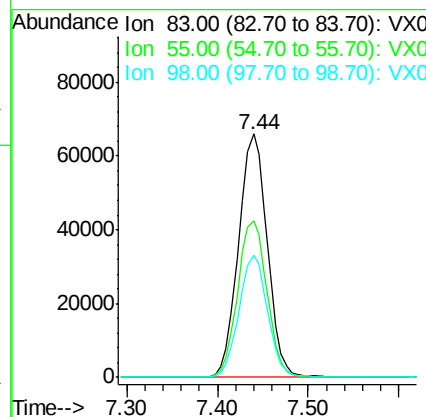
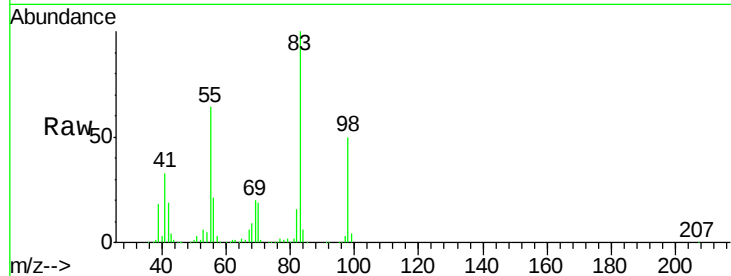
#39
Methvlcvclohexane
Concen: 48.827 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.2	52.2	78.4
98	50.1	40.8	61.2

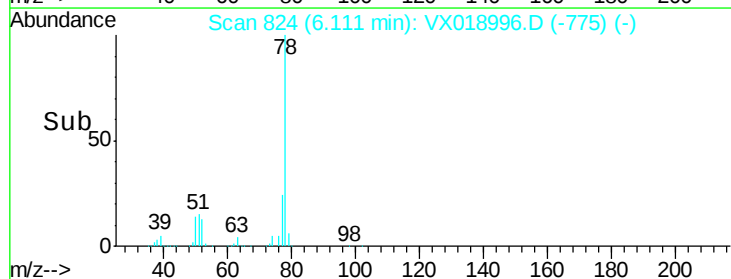
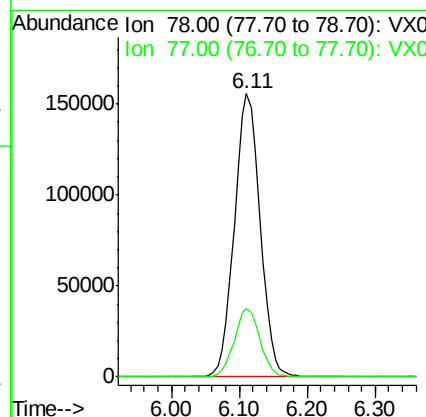
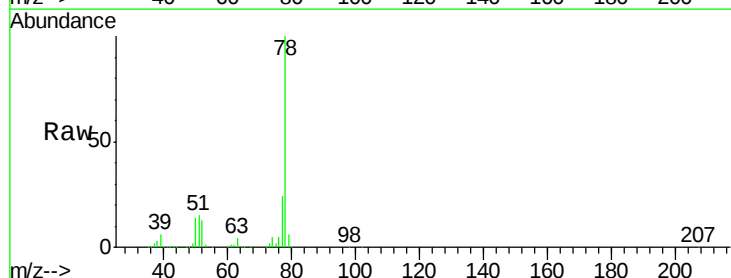
Manual Integrations
APPROVED

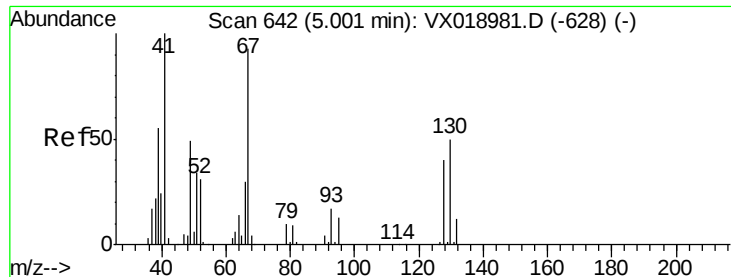
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#40
Benzene
Concen: 50.913 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





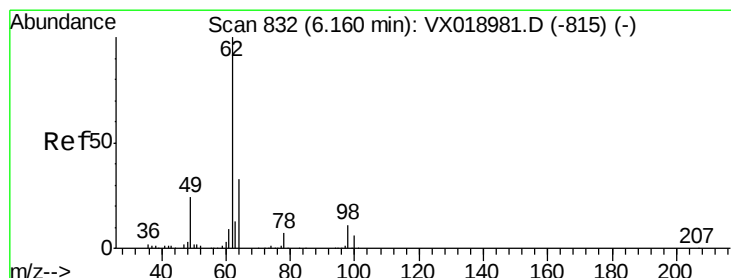
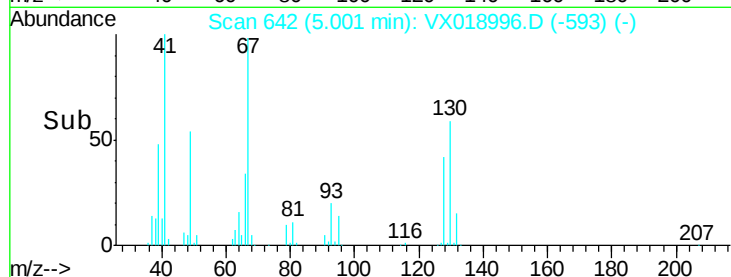
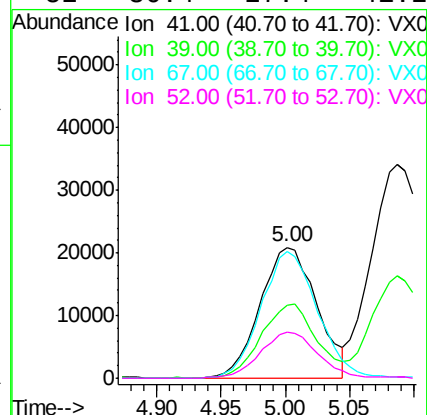
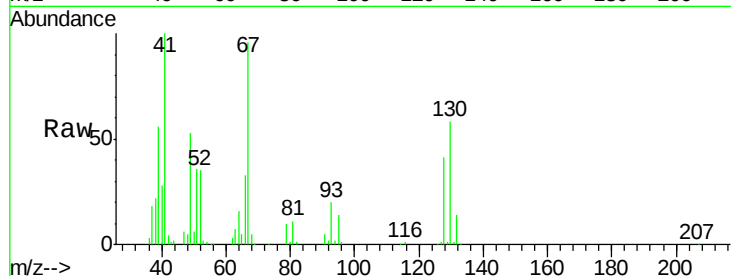
#41
Methacrylonitrile
Concen: 49.779 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	44.3	66.5	
67	97.4	74.7	112.1	
52	36.4	27.4	41.2	

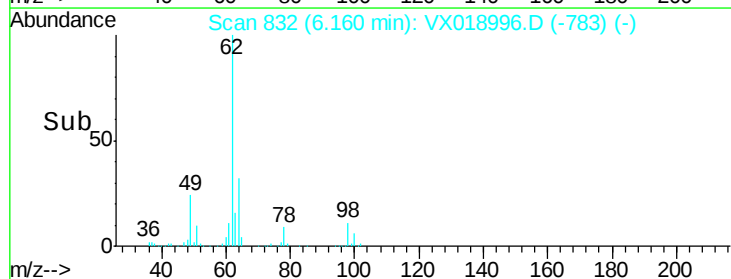
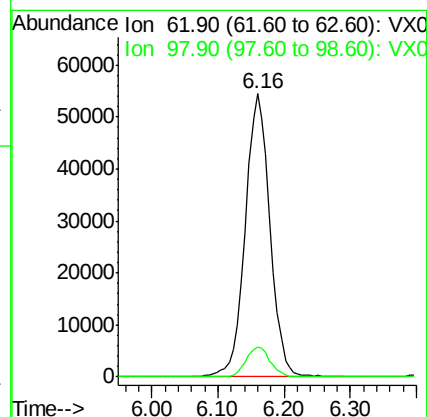
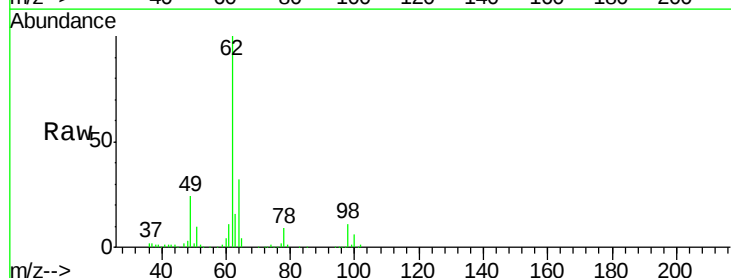
Manual Integrations
APPROVED

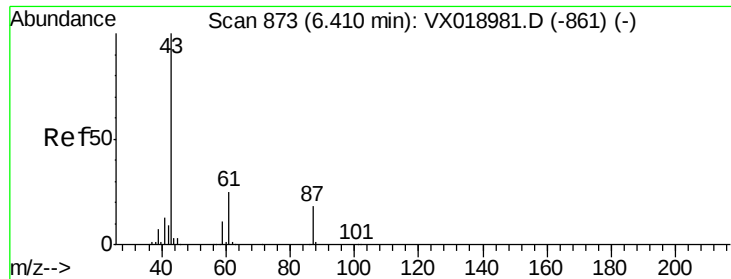
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#42
1,2-Dichloroethane
Concen: 51.396 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.4	





#43

Isopropyl Acetate

Concen: 51.135 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

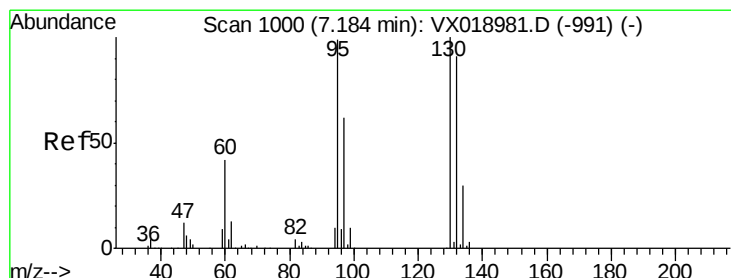
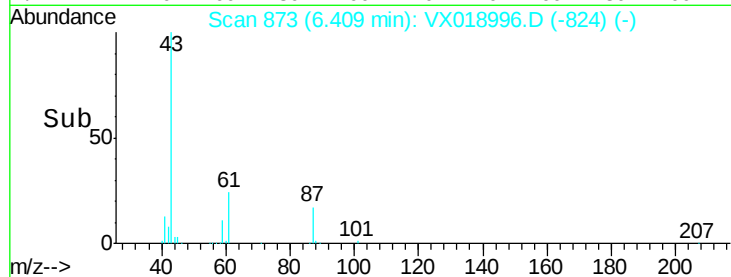
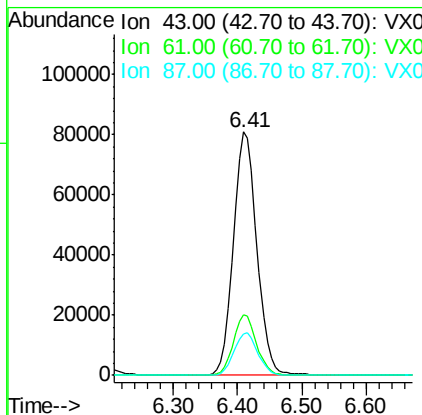
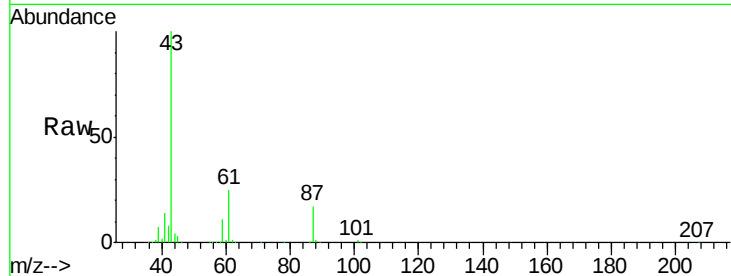
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	205354
Ion	Ratio	Lower	Upper
43	100		
61	24.6	19.3	28.9
87	17.7	14.3	21.5

Manual Integrations
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#44

Trichloroethene

Concen: 48.701 ug/l

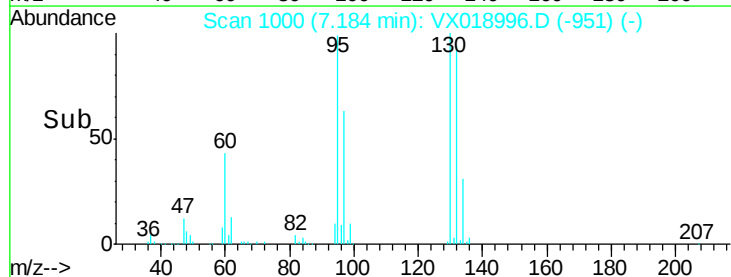
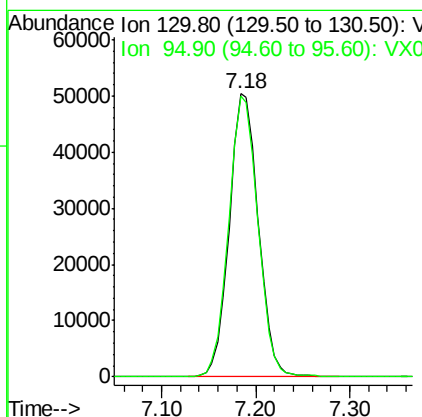
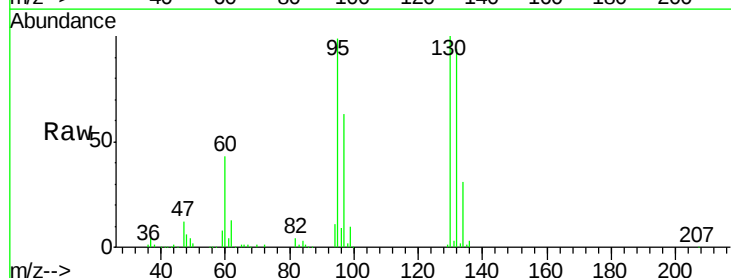
RT: 7.18 min Scan# 1000

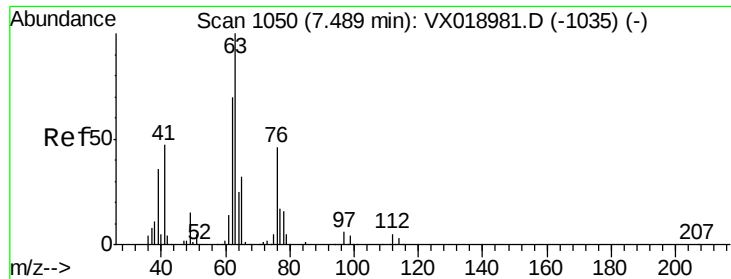
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	130	Resp:	108142
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	198.2





#45

1,2-Dichloropropane

Concen: 50.439 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 98464

Ion Ratio Lower Upper

63 100

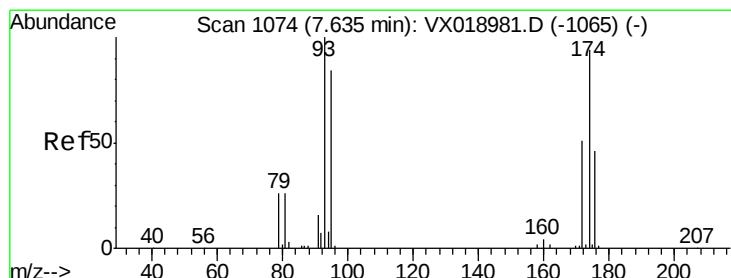
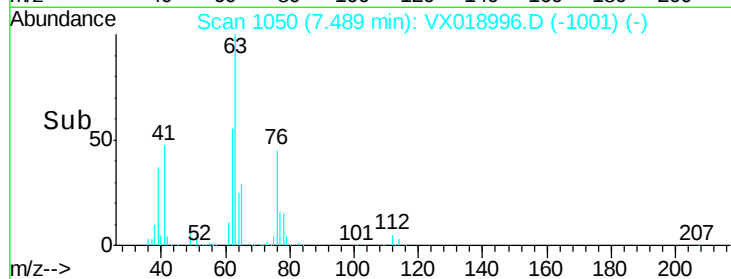
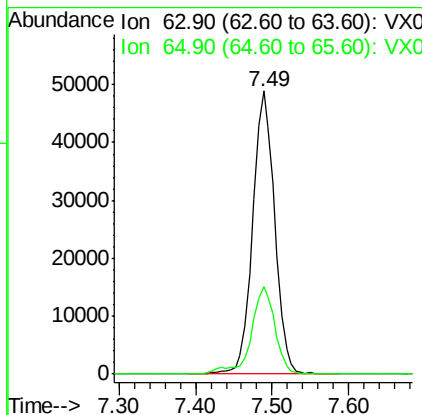
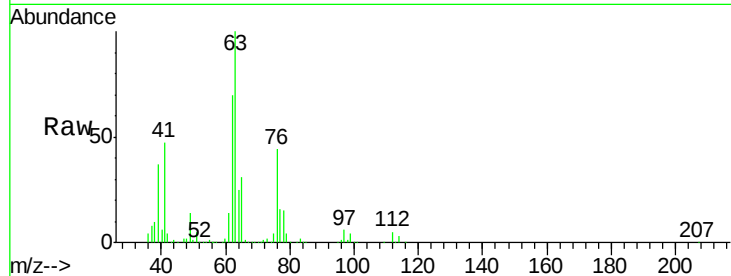
65 31.0 25.8 38.6

Manual Integrations

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#46

Dibromomethane

Concen: 50.158 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

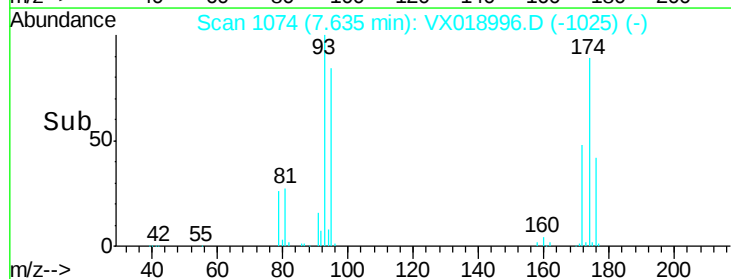
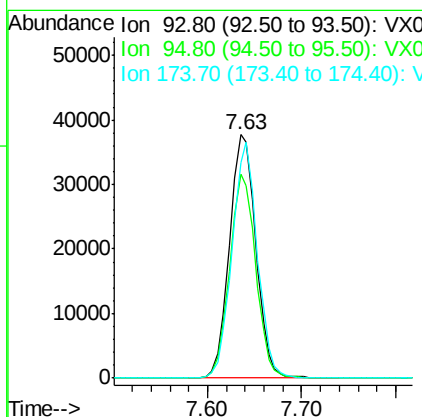
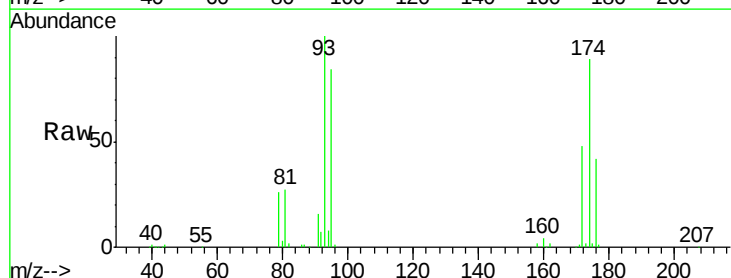
Tgt Ion: 93 Resp: 73488

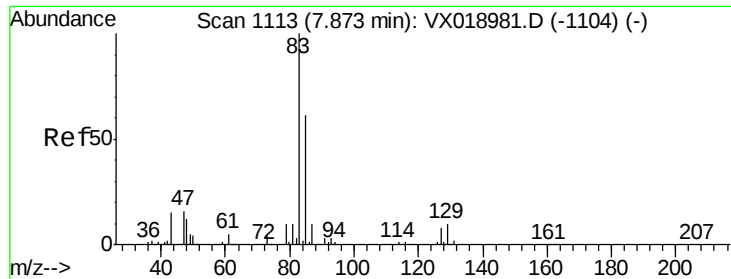
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 92.9 74.5 111.7





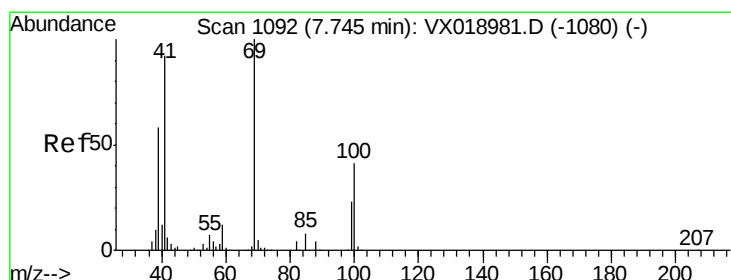
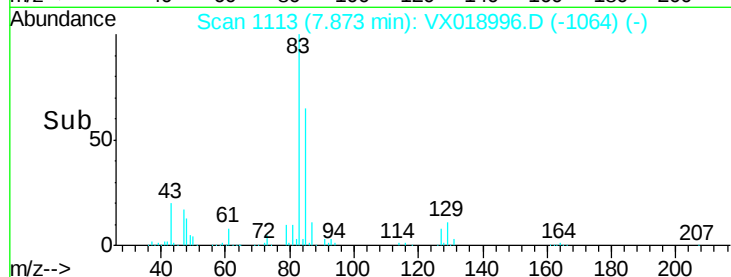
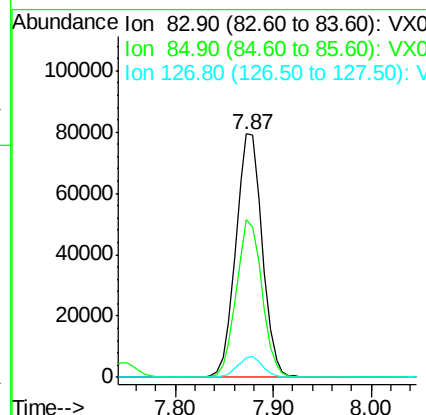
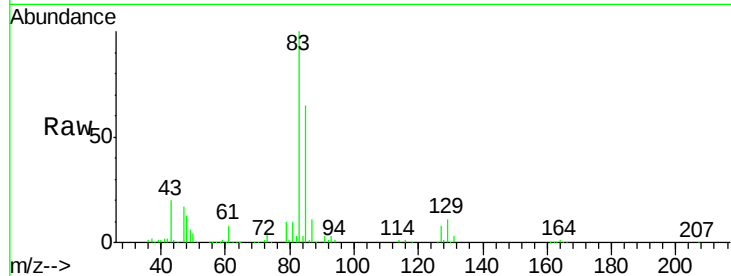
#47
Bromodichloromethane
Concen: 51.073 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.7	48.6	73.0
127	8.2	6.3	9.5

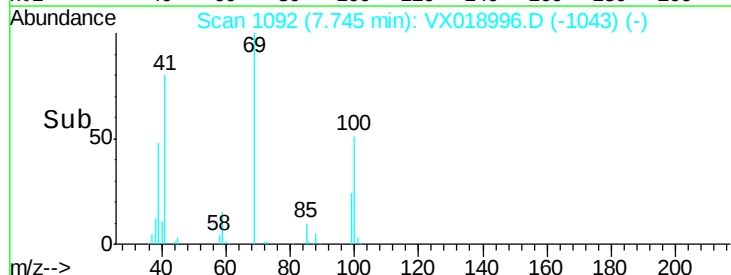
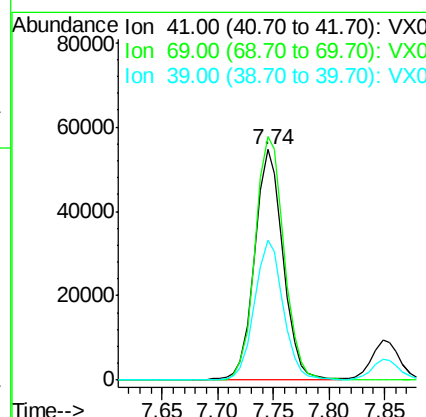
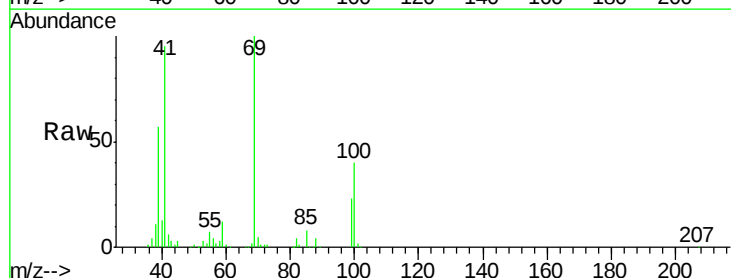
Manual Integrations
APPROVED

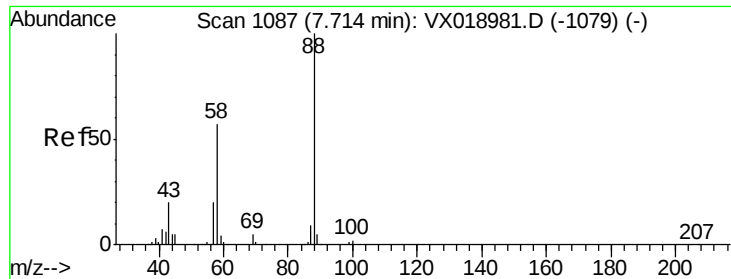
MMDadoda
10/21/2020 1:04:45 PM



#48
Methyl methacrylate
Concen: 49.131 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	108.0	88.0	132.0
39	61.7	49.9	74.9





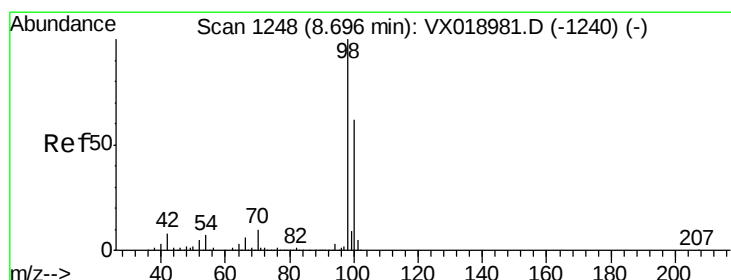
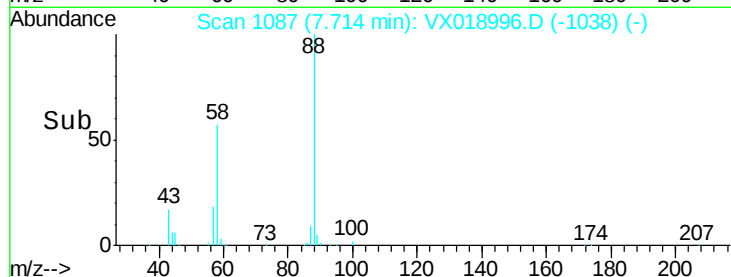
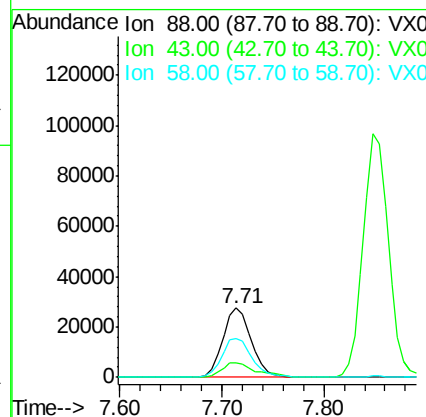
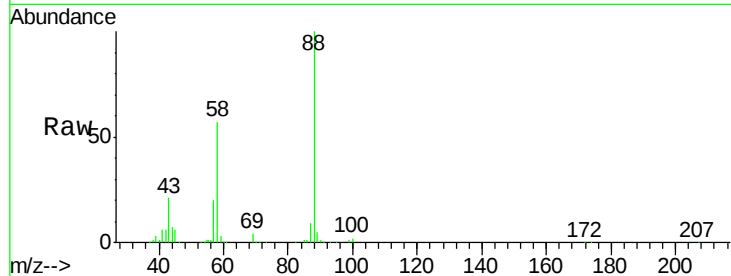
#49
1,4-Dioxane
Concen: 1020.641 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	20.4	30.6
58	60.0	49.3	73.9

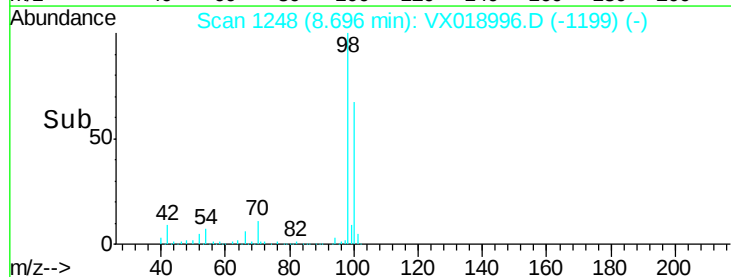
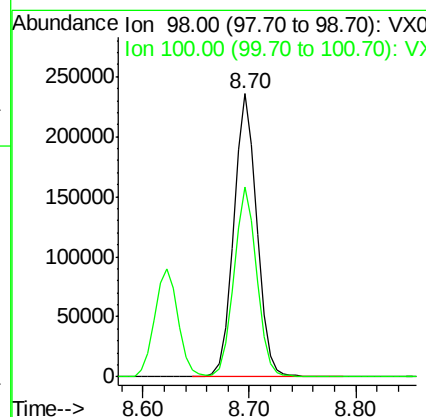
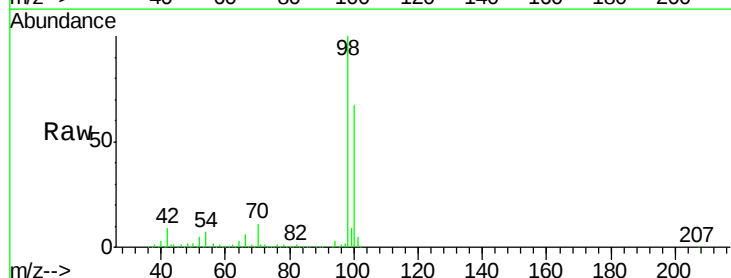
Manual Integrations
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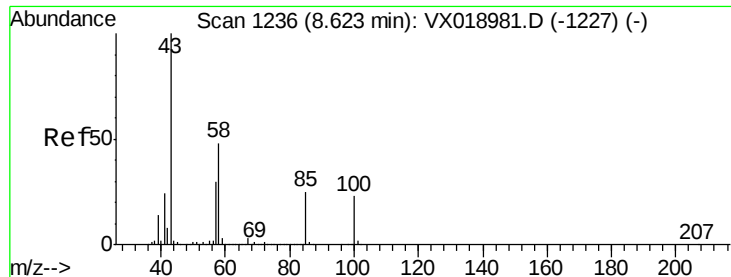
MMDadoda
10/21/2020 1:04:45 PM



#50
Toluene-d8
Concen: 48.196 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 260.244 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 645328

Ion Ratio Lower Upper

43 100

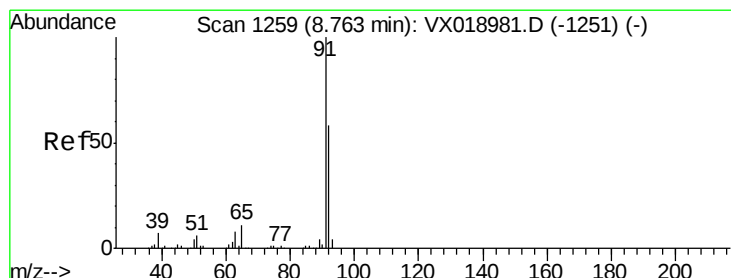
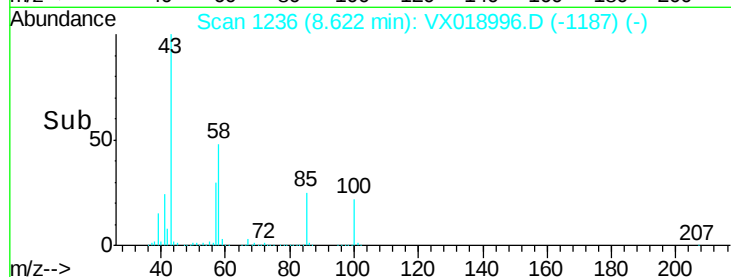
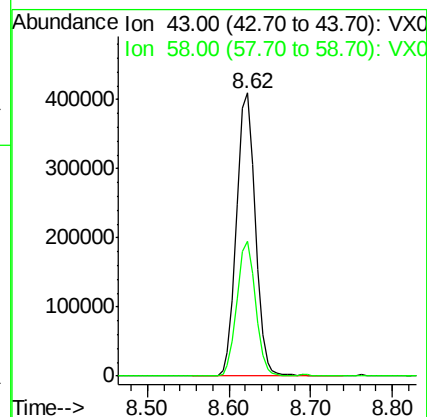
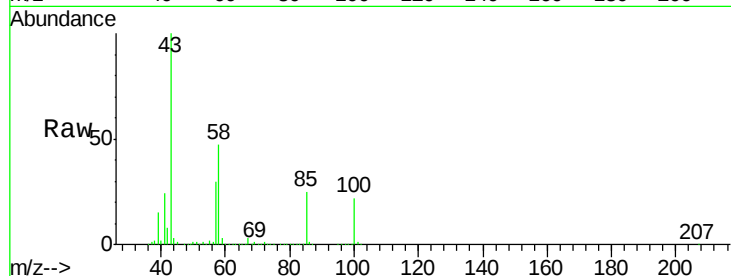
58 47.1 37.8 56.8

Manual Integrations

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10/21/2020 1:04:45 PM



#52

Toluene

Concen: 51.609 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018996.D

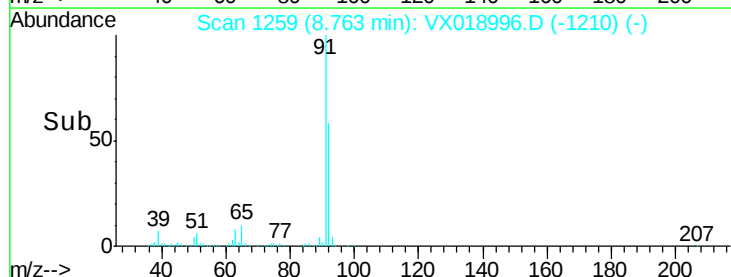
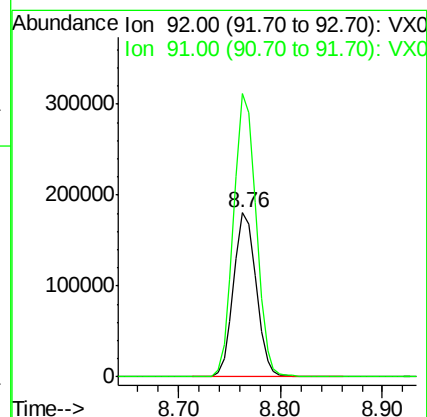
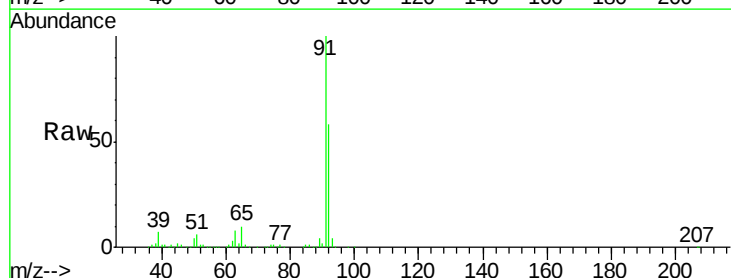
Acq: 21 Oct 2020 00:09

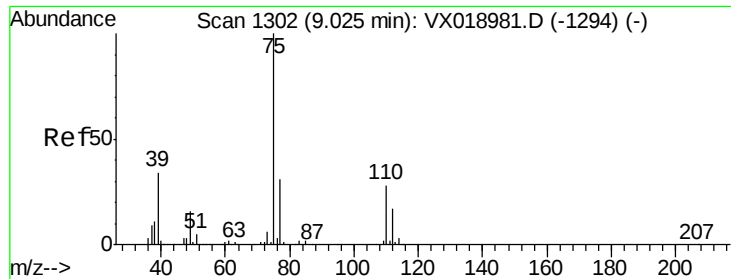
Tgt Ion: 92 Resp: 276855

Ion Ratio Lower Upper

92 100

91 172.4 136.5 204.7





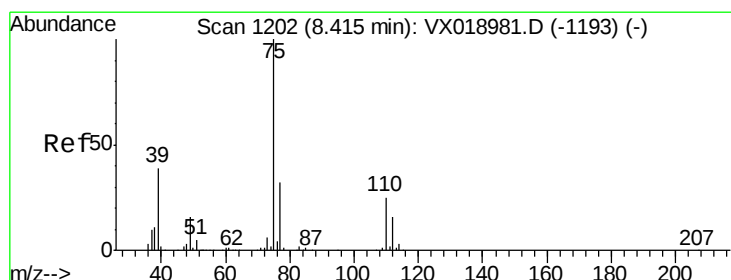
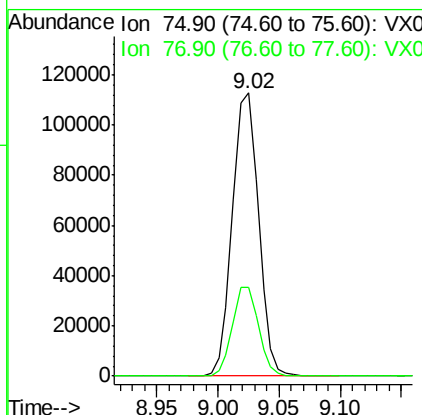
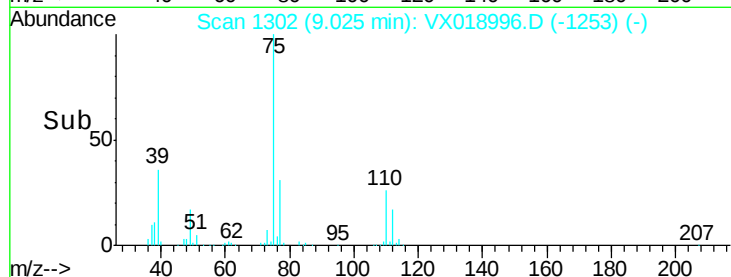
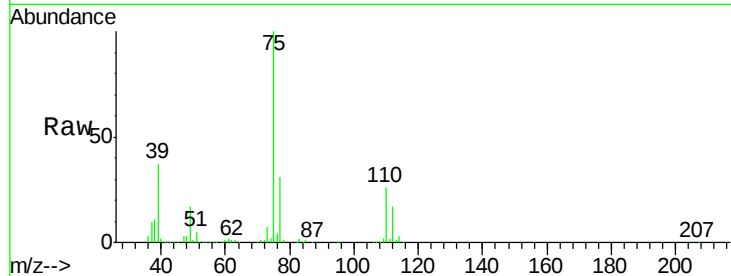
#53
t-1,3-Dichloropropene
Concen: 50.281 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 166985
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6

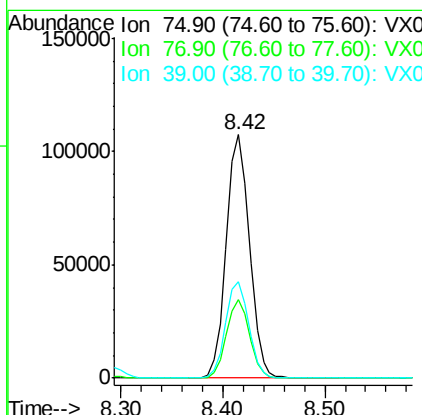
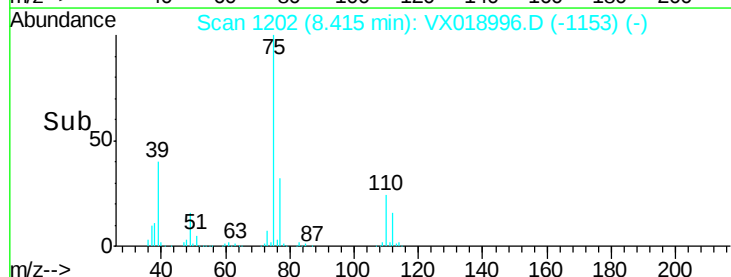
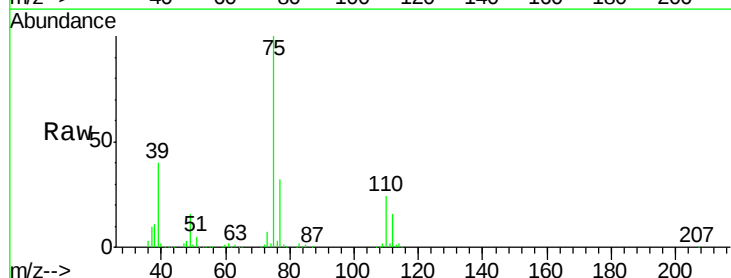
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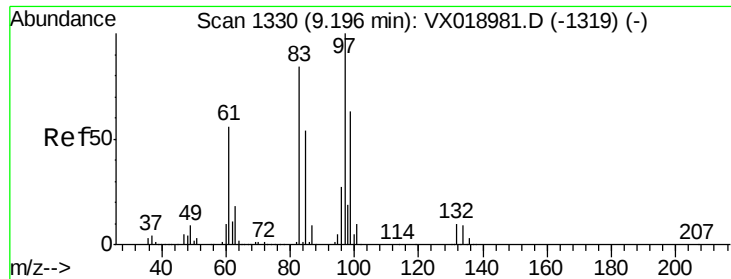
MMDadoda
10/21/2020 1:04:45 PM



#54
cis-1,3-Dichloropropene
Concen: 49.123 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion: 75 Resp: 169539
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 39.7 31.3 46.9





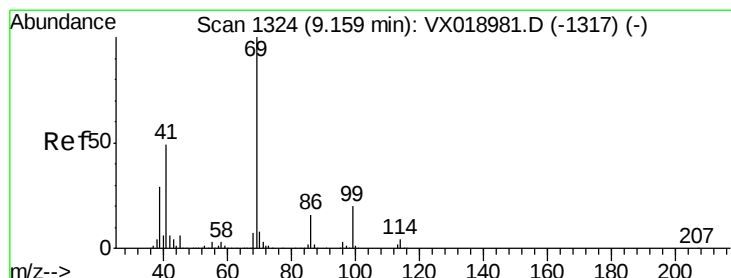
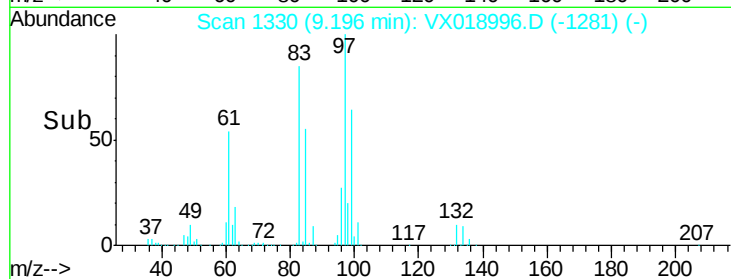
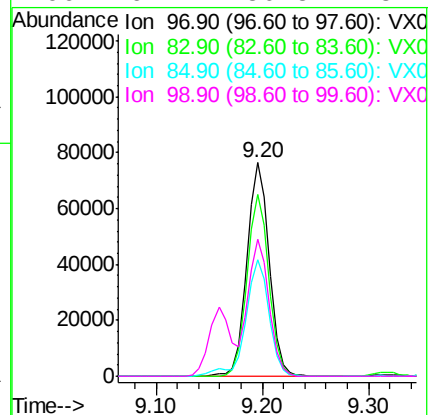
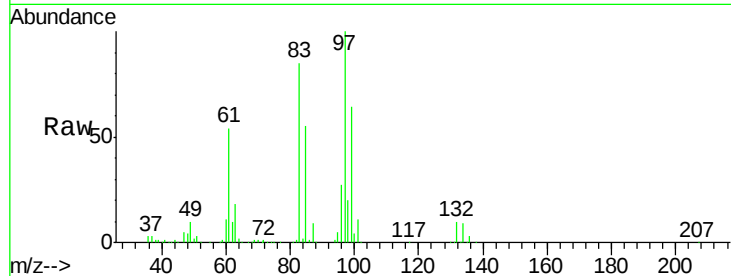
#55
 1,1,2-Trichloroethane
 Concen: 51.537 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018996.D
 Acq: 21 Oct 2020 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	112458
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.4	101.0
85	54.8	43.1	64.7
99	64.2	50.5	75.7

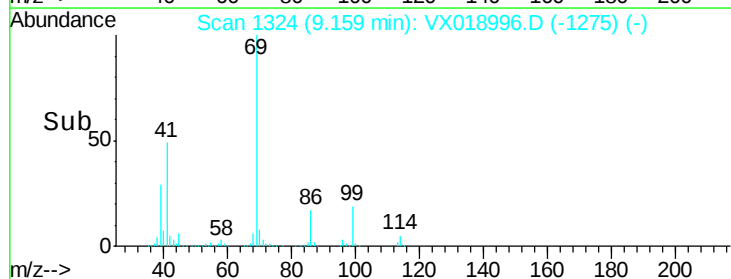
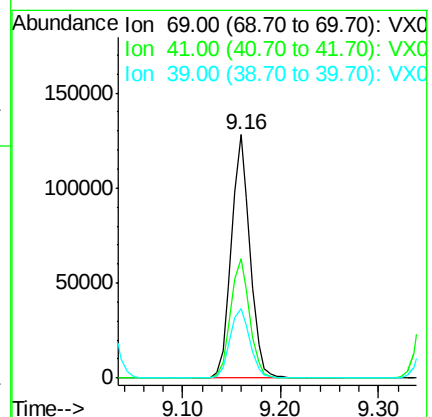
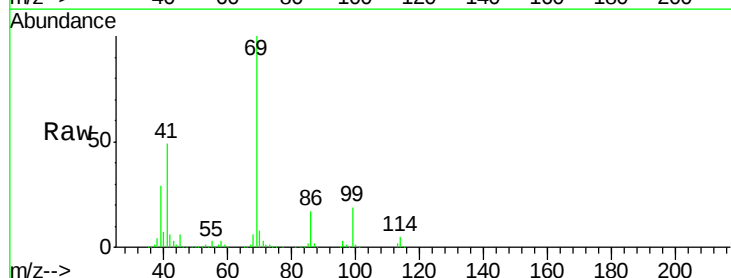
Manual Integrations
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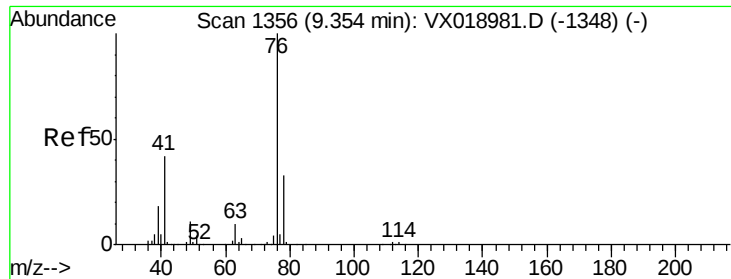
MMDadoda
 10/21/2020 1:04:45 PM



#56
 Ethyl methacrylate
 Concen: 52.521 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018996.D
 Acq: 21 Oct 2020 00:09

Tgt Ion:	69	Resp:	168944
Ion	Ratio	Lower	Upper
69	100		
41	50.1	39.8	59.6
39	30.7	23.8	35.6





#57

1,3-Dichloropropane

Concen: 52.015 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 183080

Ion Ratio Lower Upper

76 100

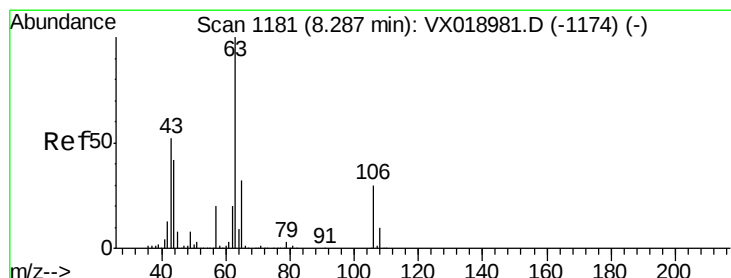
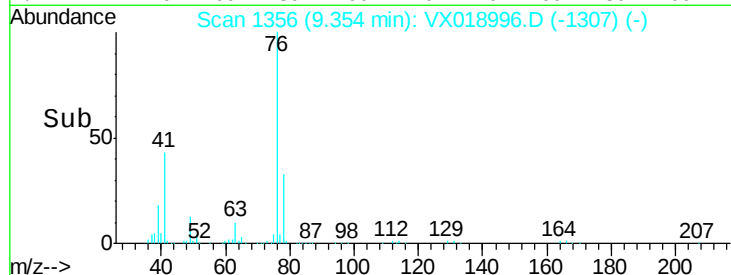
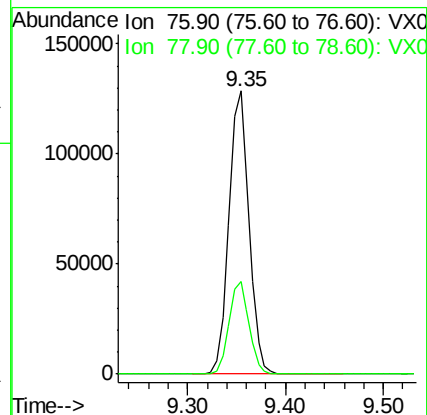
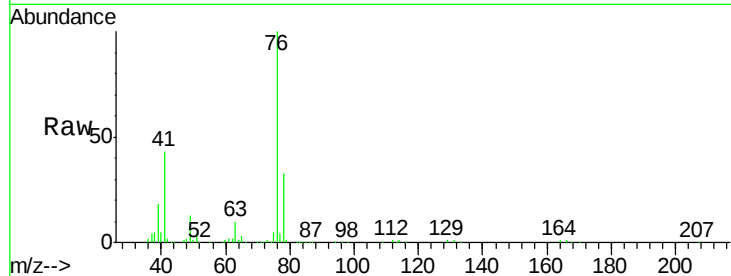
78 32.7 26.1 39.1

Manual Integrations

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MMDadoda

10/21/2020 1:04:45 PM



#58

2-Chloroethyl Vinyl ether

Concen: 255.538 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018996.D

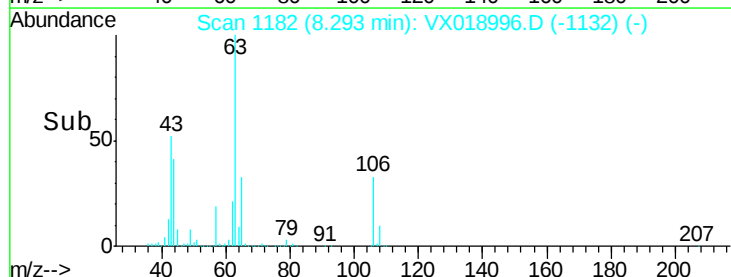
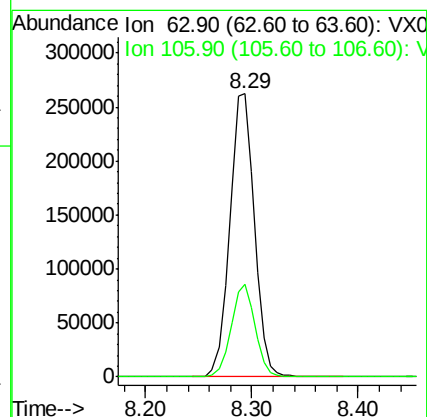
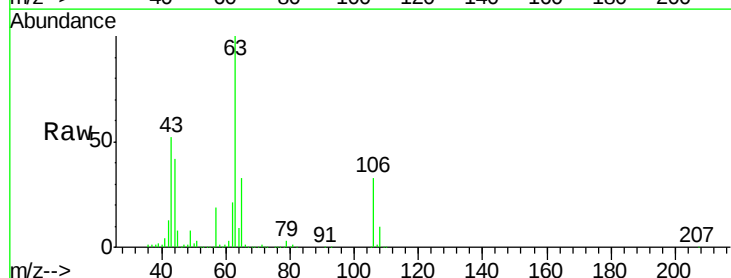
Acq: 21 Oct 2020 00:09

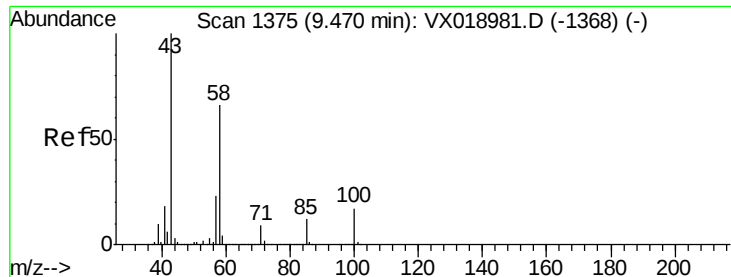
Tgt Ion: 63 Resp: 423424

Ion Ratio Lower Upper

63 100

106 31.8 25.0 37.4





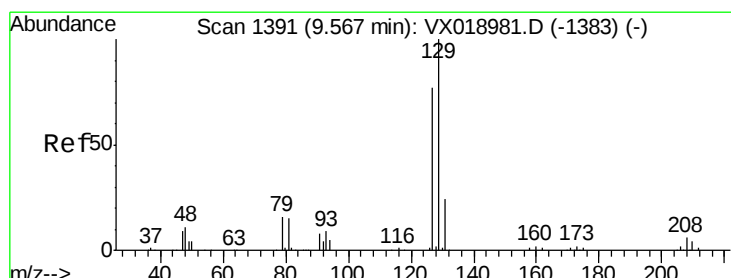
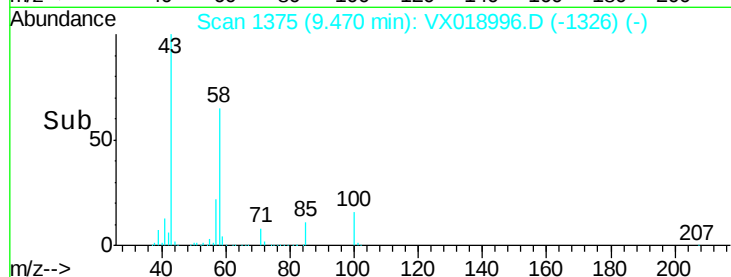
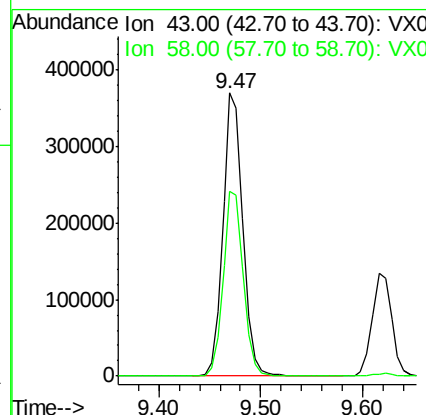
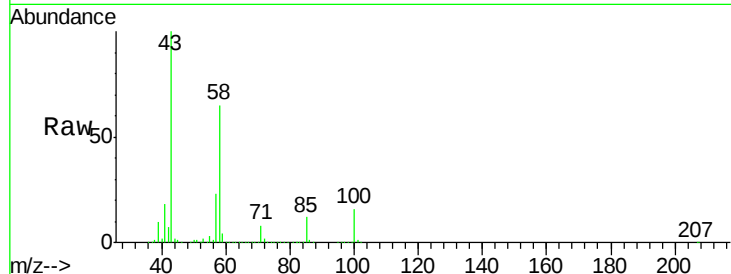
#59
2-Hexanone
Concen: 260.948 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 502492
Ion Ratio Lower Upper
43 100
58 66.3 33.0 99.0

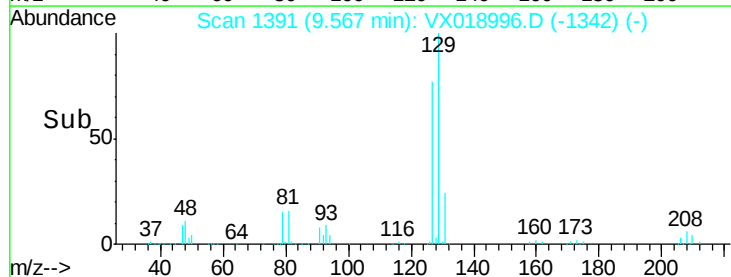
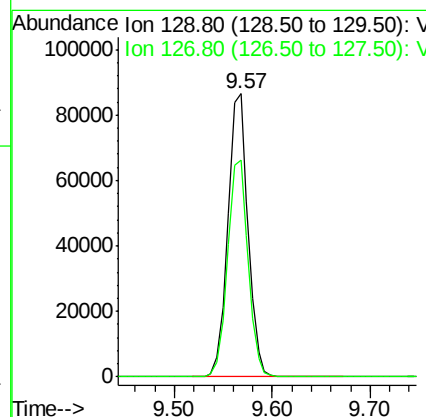
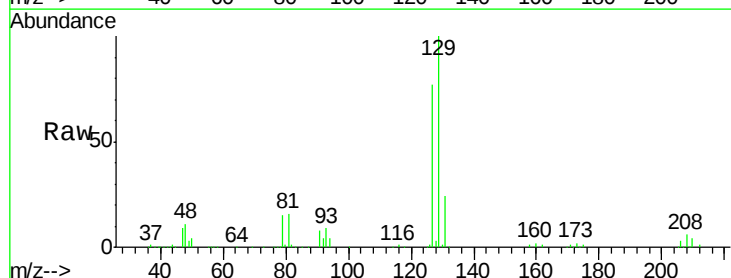
Manual Integrations
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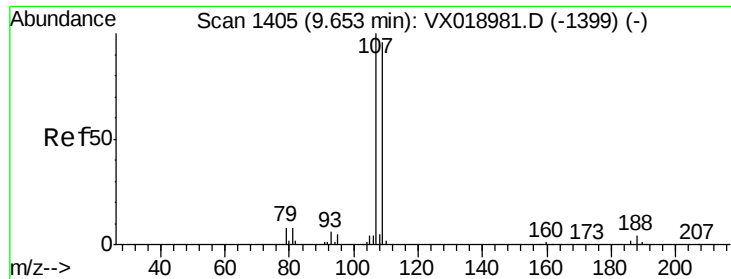
MMDadoda
10/21/2020 1:04:45 PM



#60
Dibromochloromethane
Concen: 51.224 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion: 129 Resp: 123438
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 52.266 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 122342

Ion Ratio Lower Upper

107 100

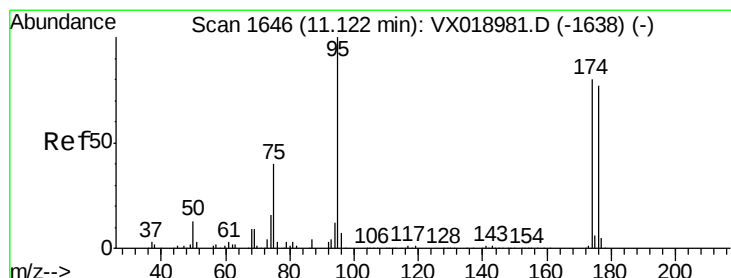
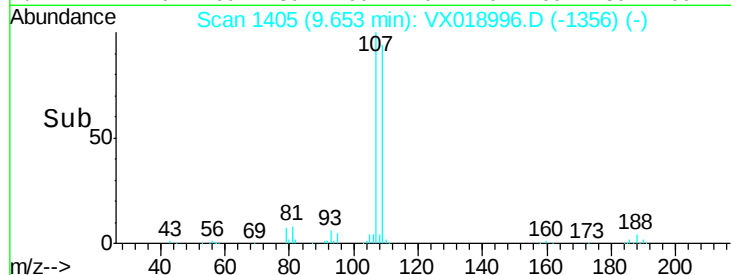
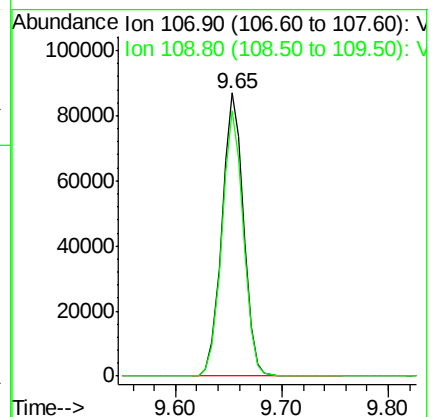
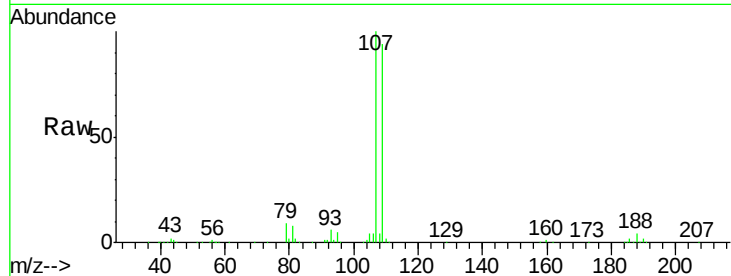
109 93.4 76.6 115.0

Manual Integrations

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MMDadoda

10/21/2020 1:04:45 PM



#62

4-Bromofluorobenzene

Concen: 50.407 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

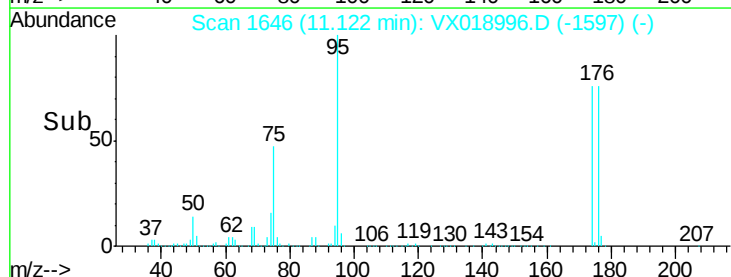
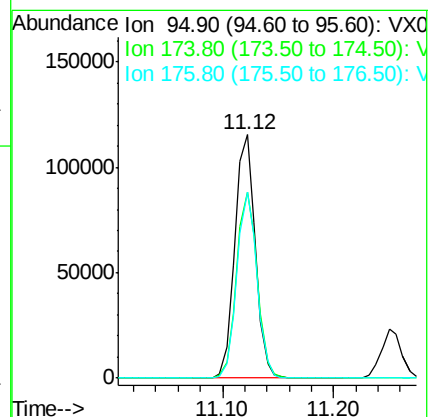
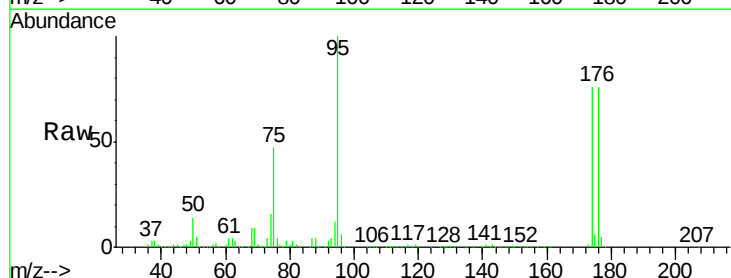
Tgt Ion: 95 Resp: 146271

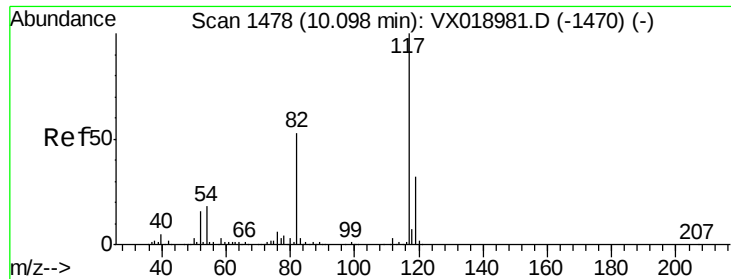
Ion Ratio Lower Upper

95 100

174 77.2 0.0 159.8

176 75.3 0.0 152.8





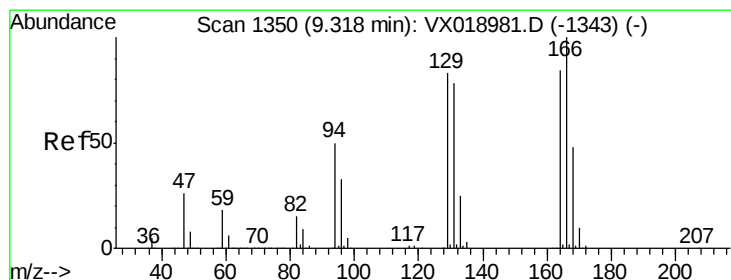
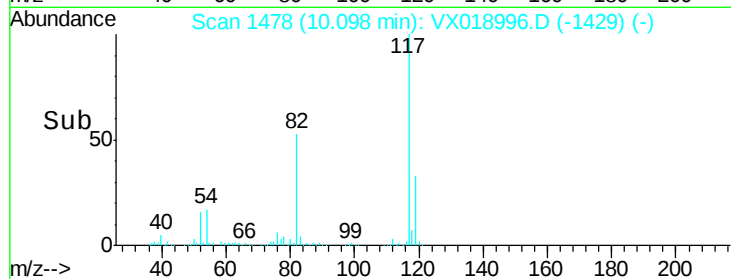
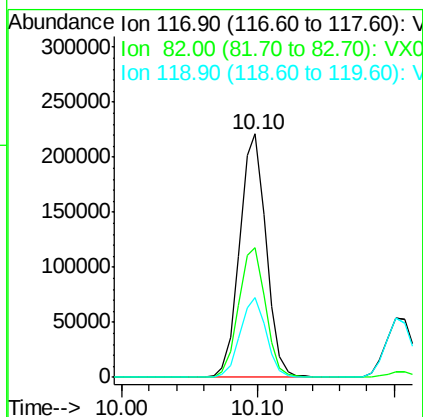
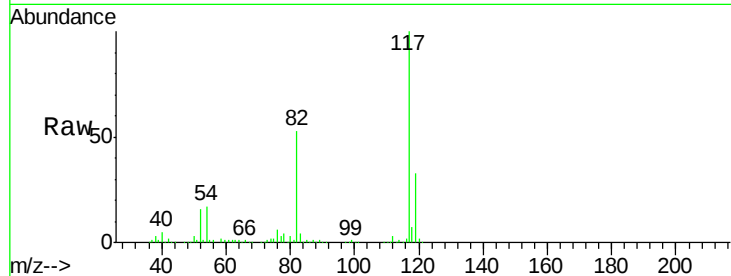
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299223		
82	53.3	42.2	63.4	
119	33.0	25.8	38.8	

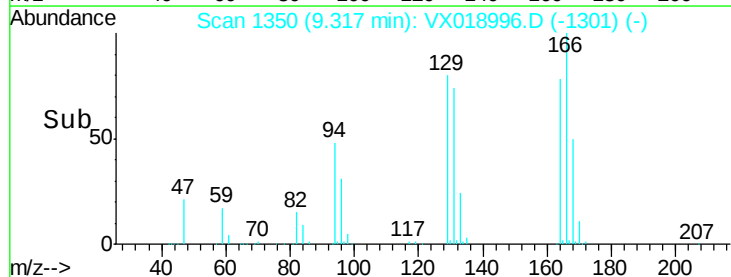
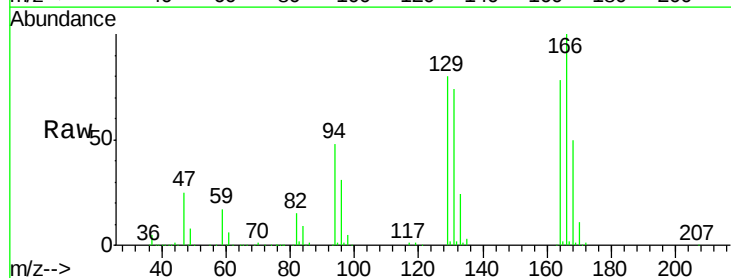
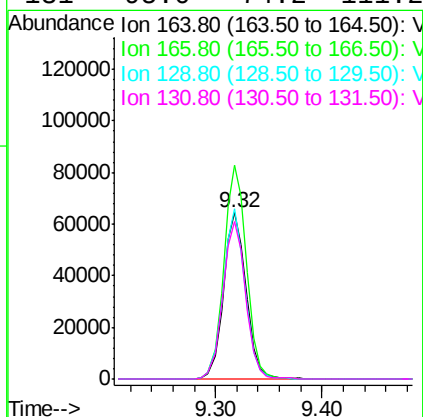
Manual Integrations
APPROVED

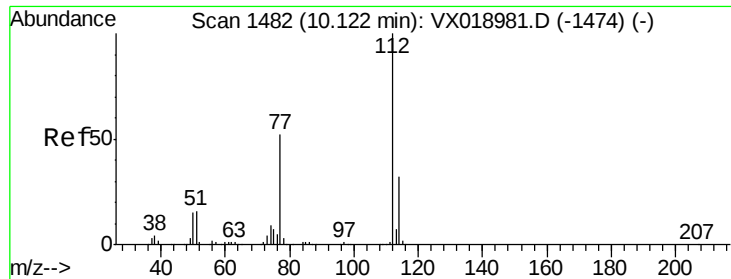
MMDadoda
10/21/2020 1:04:45 PM



#64
Tetrachloroethene
Concen: 44.849 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94558		
166	128.7	95.2	142.8	
129	102.7	79.4	119.0	
131	95.0	74.2	111.2	





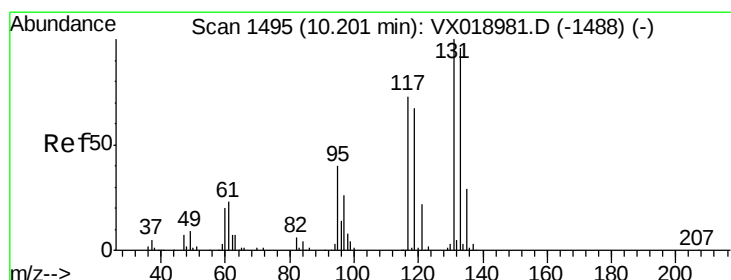
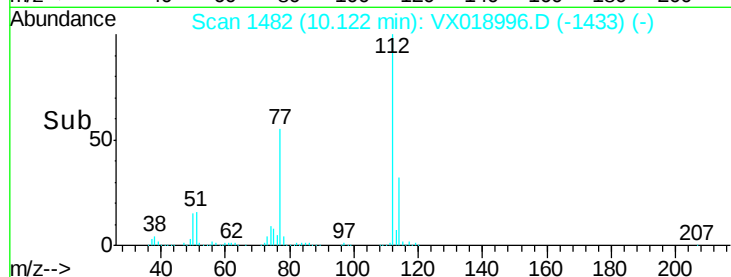
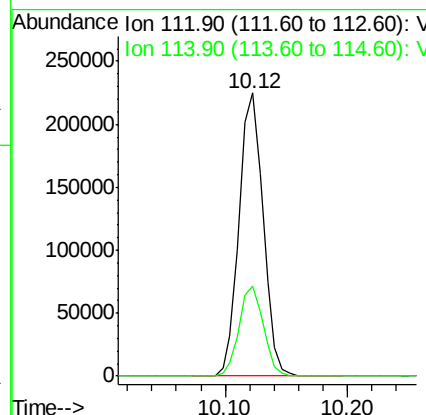
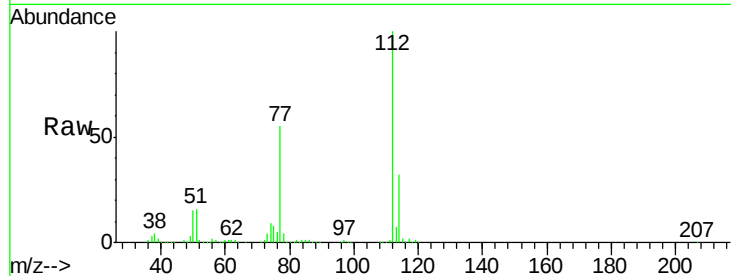
#65
Chlorobenzene
Concen: 48.323 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6

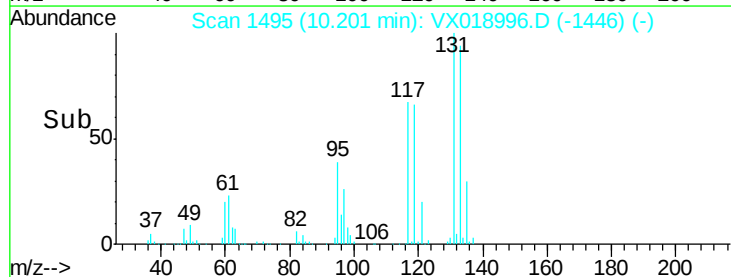
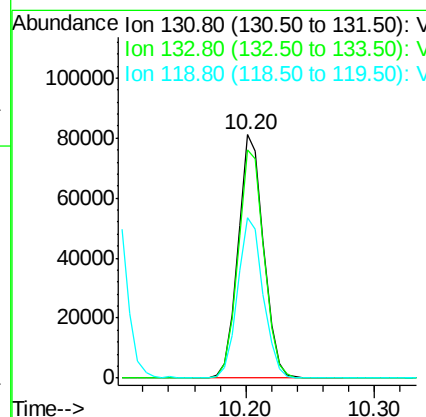
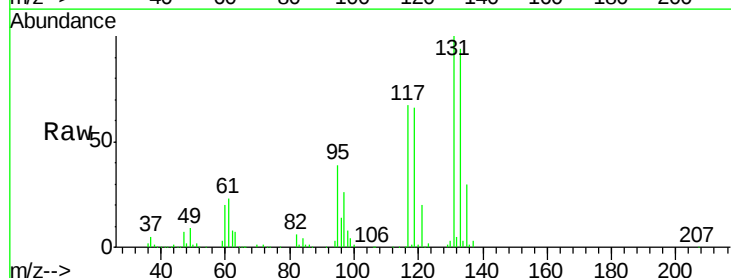
Manual Integrations
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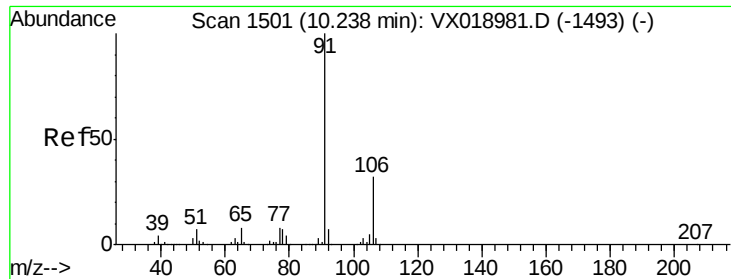
MMDadoda
10/21/2020 1:04:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.515 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.0	144.2
119	66.3	33.6	100.6





#67

Ethyl Benzene

Concen: 49.675 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 542942

Ion Ratio Lower Upper

91 100

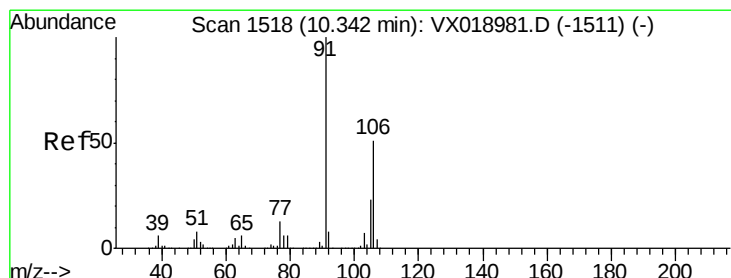
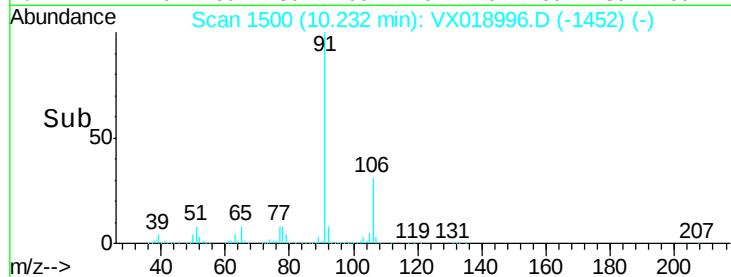
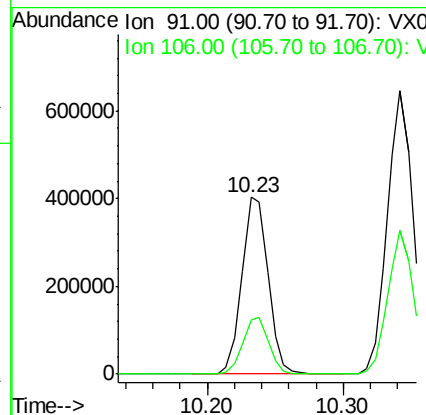
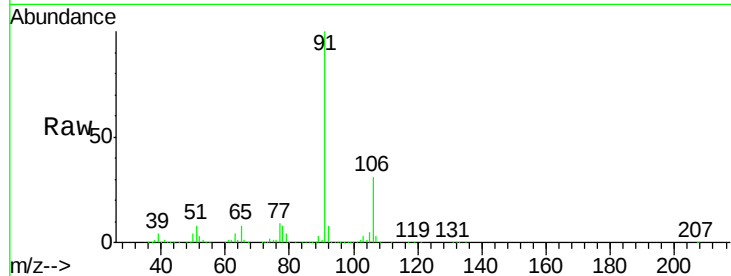
106 31.0 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

10/21/2020 1:04:45 PM



#68

m/p-Xylenes

Concen: 99.610 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018996.D

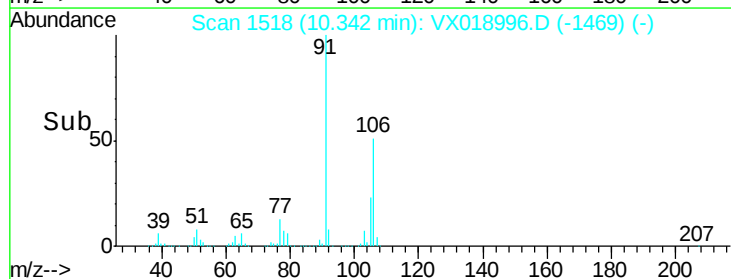
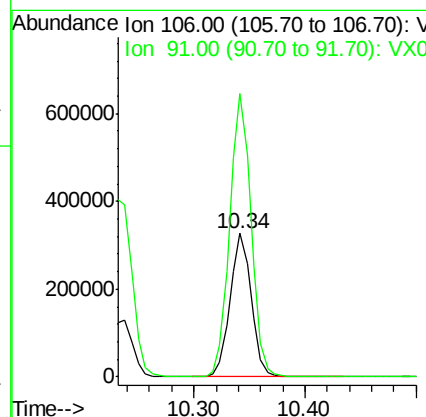
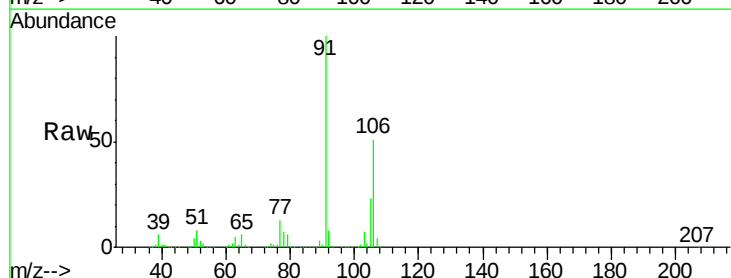
Acq: 21 Oct 2020 00:09

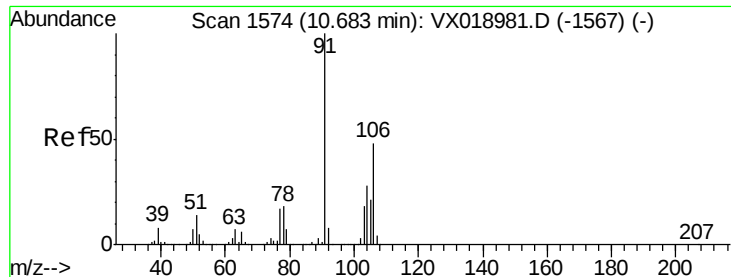
Tgt Ion: 106 Resp: 429186

Ion Ratio Lower Upper

106 100

91 199.5 157.9 236.9





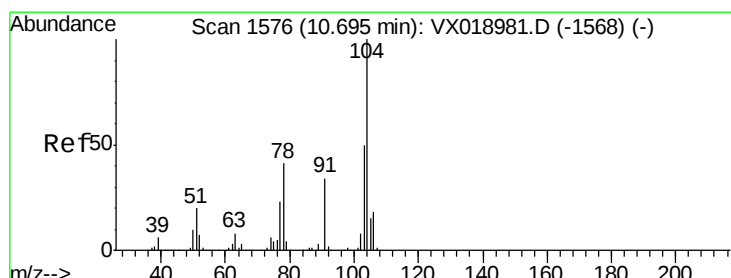
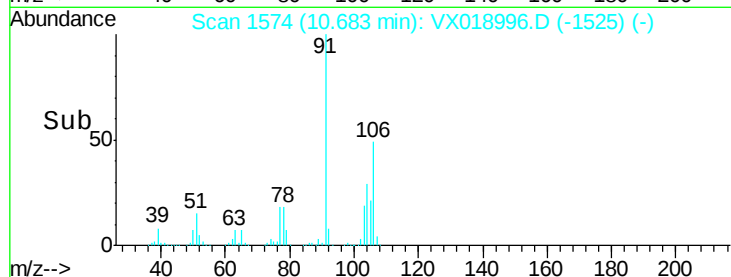
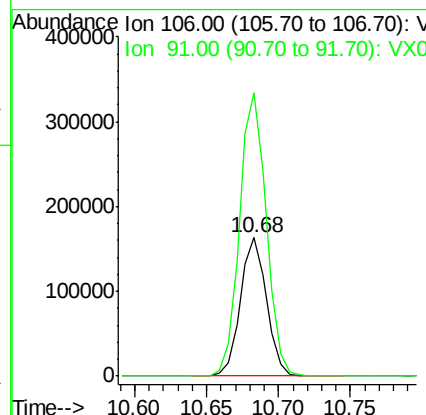
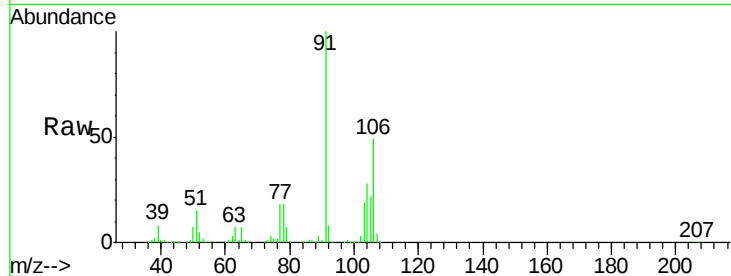
#69
o-Xylene
Concen: 50.082 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	206679		
91	209.4	105.5	316.5	

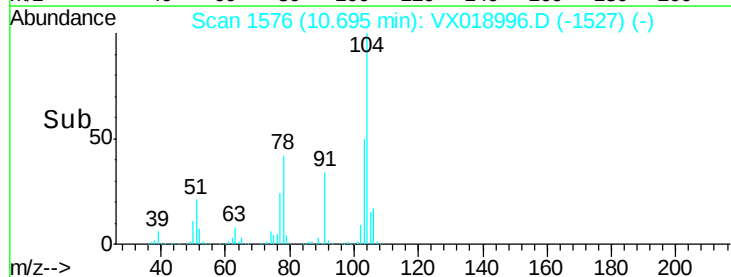
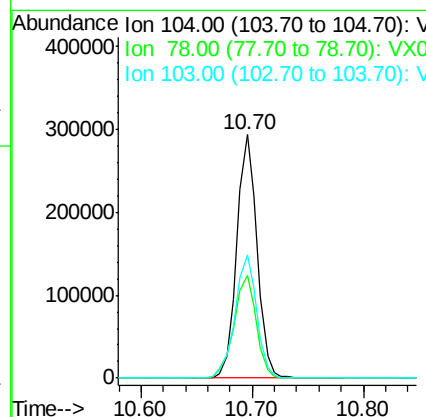
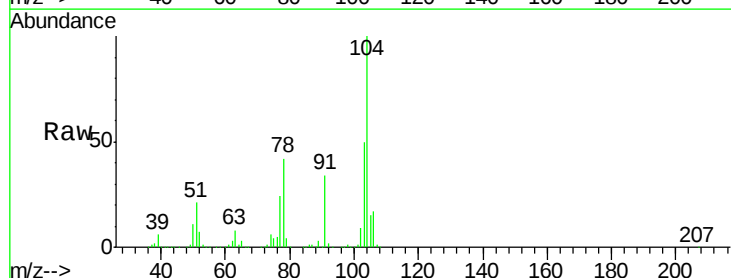
Manual Integrations
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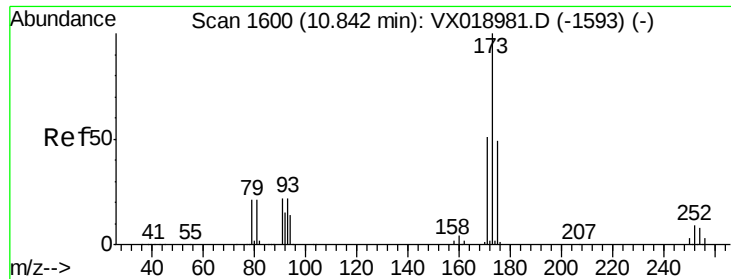
MMDadoda
10/21/2020 1:04:45 PM



#70
Styrene
Concen: 52.114 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	368919		
78	46.6	37.4	56.0	
103	54.2	43.7	65.5	





#71

Bromoform

Concen: 44.471 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 97561

Ion Ratio Lower Upper

173 100

175 47.9 24.8 74.4

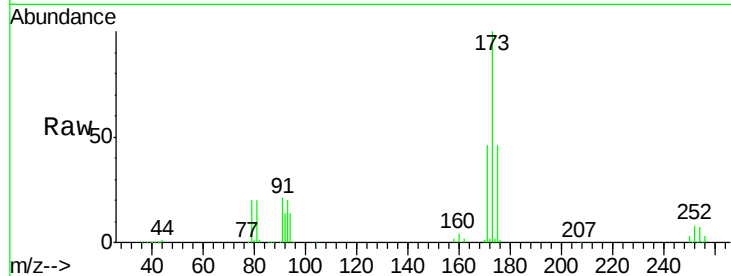
254 0.1 0.1 0.1#

Manual Integrations

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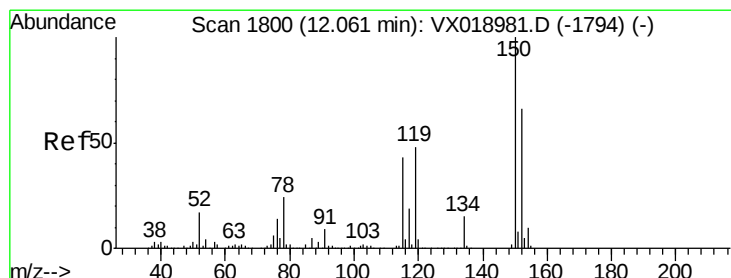
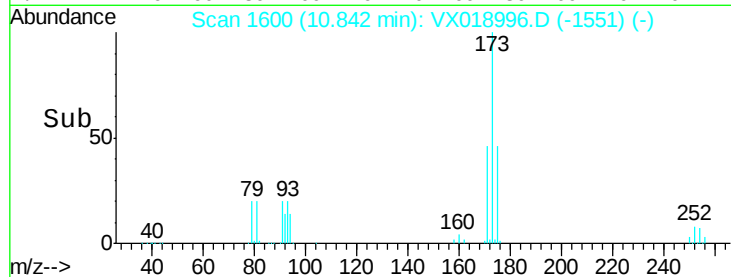
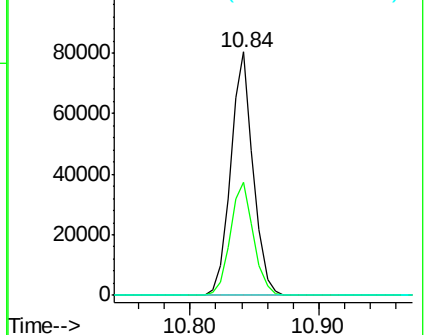
10/21/2020 1:04:45 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

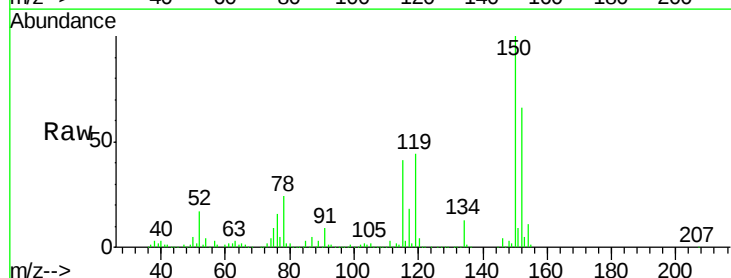
Tgt Ion:152 Resp: 185506

Ion Ratio Lower Upper

152 100

115 78.2 41.2 123.6

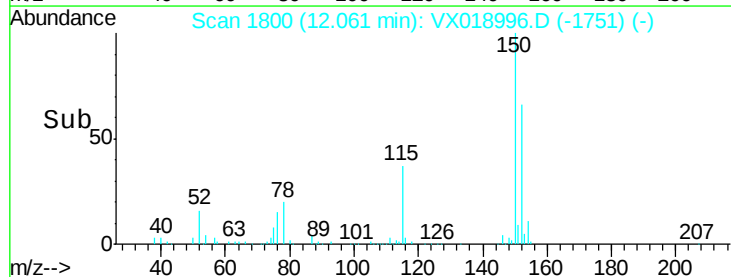
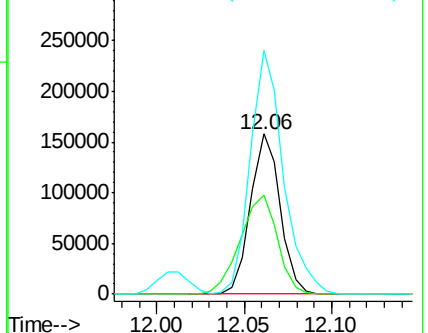
150 170.4 0.0 345.6

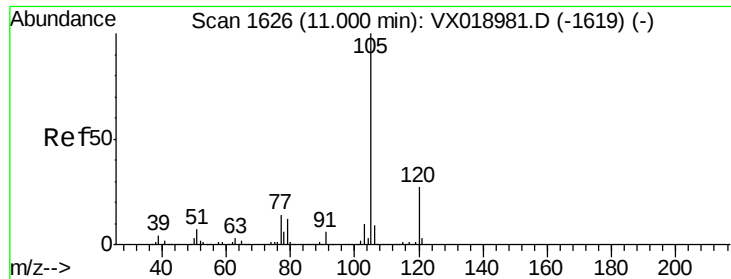


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





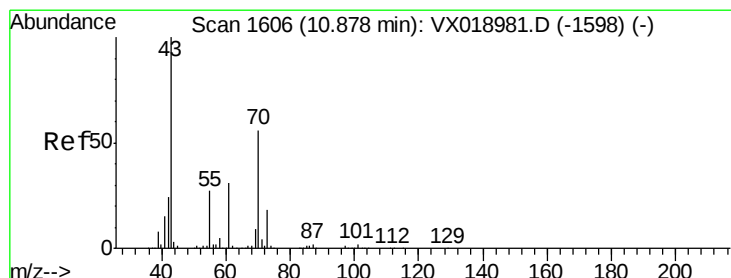
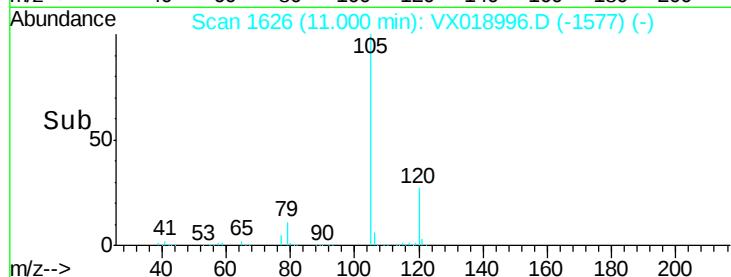
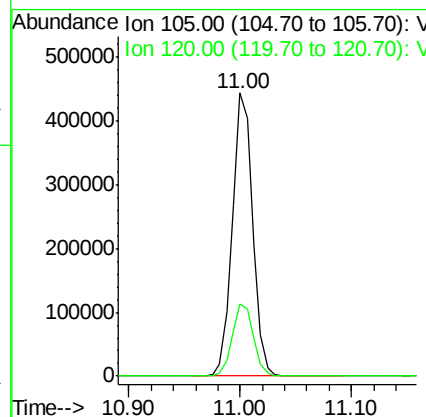
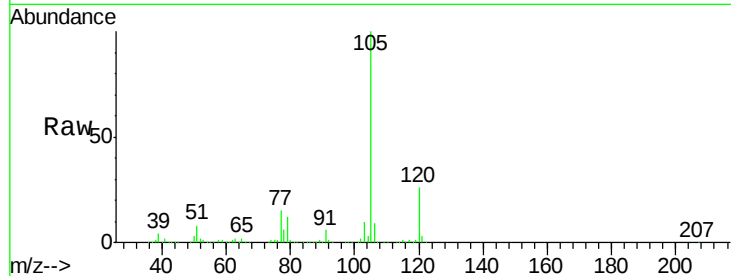
#73
Isopropylbenzene
Concen: 44.724 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.6	40.7

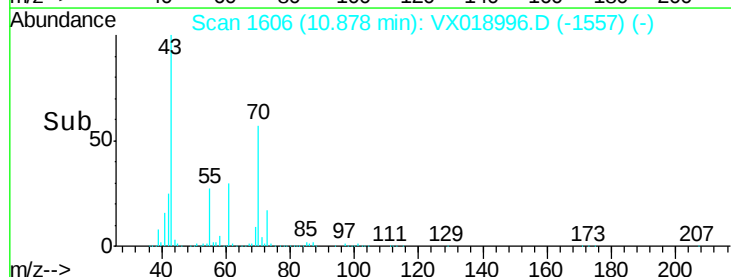
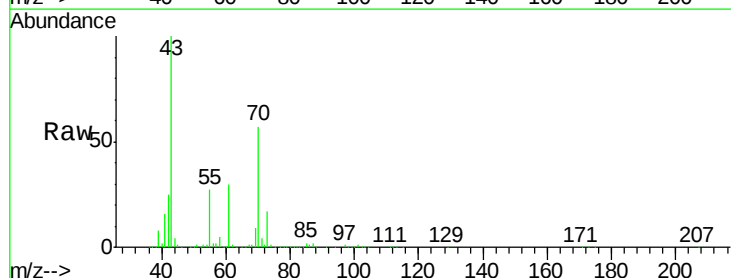
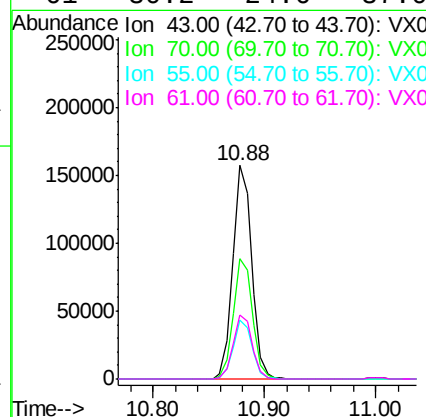
Manual Integrations
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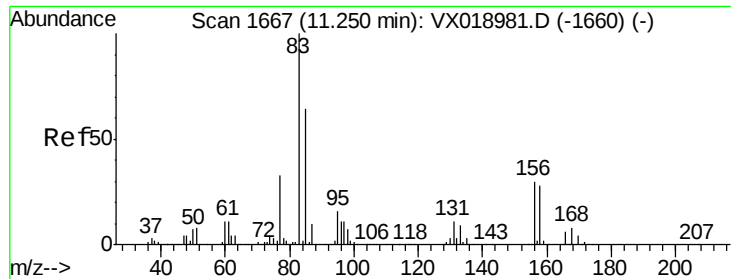
MMDadoda
10/21/2020 1:04:45 PM



#74
N-ethyl acetate
Concen: 43.234 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	57.0	45.9	68.9
55	27.7	21.9	32.9
61	30.2	24.6	37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.282 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

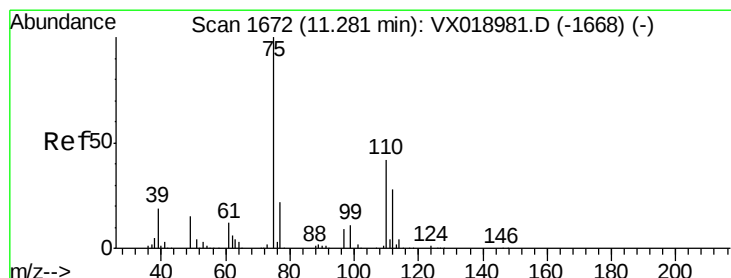
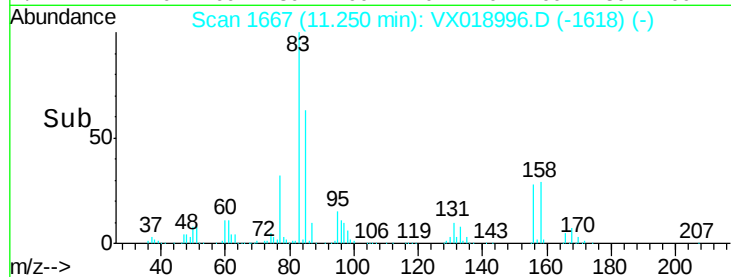
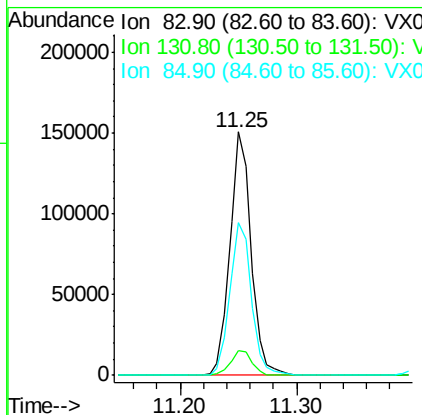
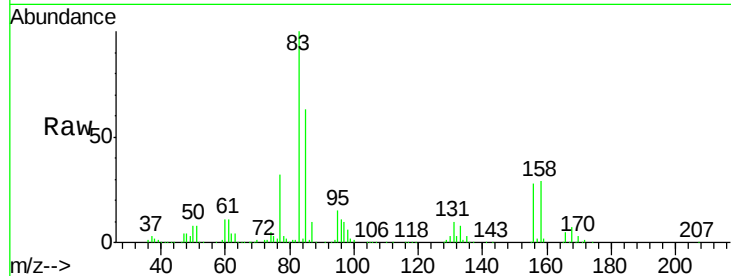
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	190771
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	64.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.763 ug/l m

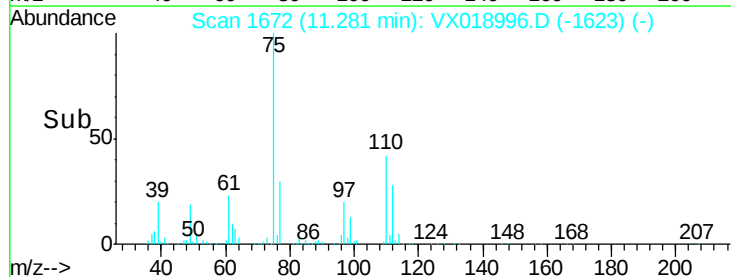
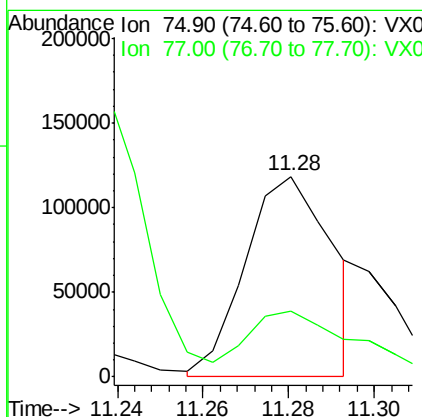
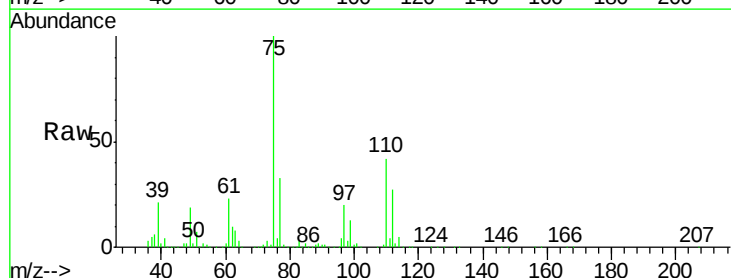
RT: 11.28 min Scan# 1672

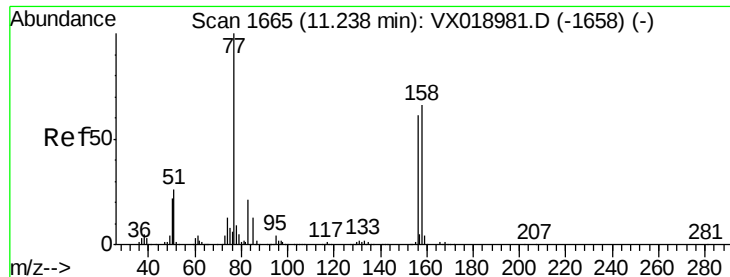
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	75	Resp:	166854
Ion Ratio	Lower	Upper	
75	100		
77	41.1	20.6	61.9





#77

Bromobenzene

Concen: 44.077 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

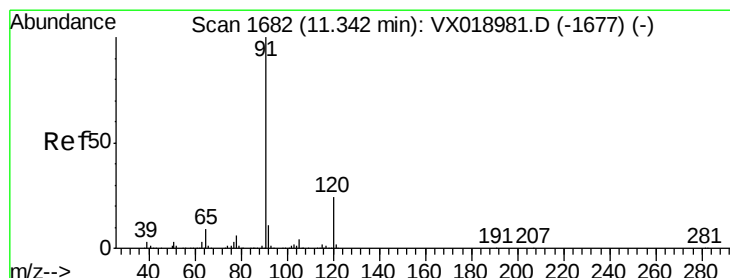
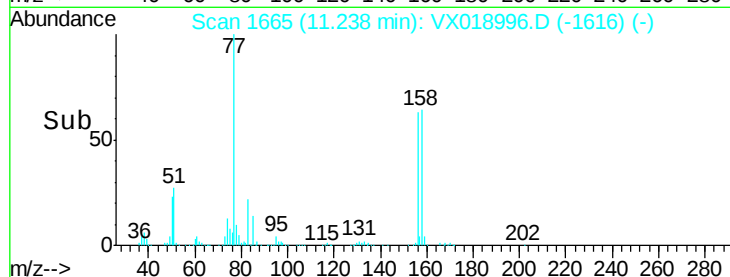
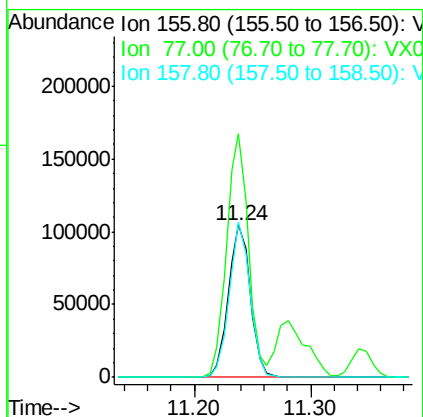
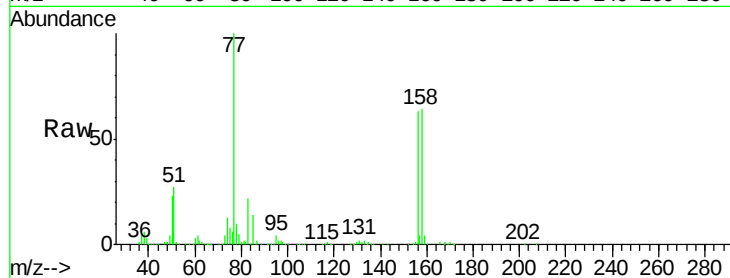
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	137114
Ion Ratio	Lower	Upper	
156	100		
77	158.6	78.5	235.3
158	96.6	50.2	150.6

Manual Integrations
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#78

n-propylbenzene

Concen: 44.655 ug/l

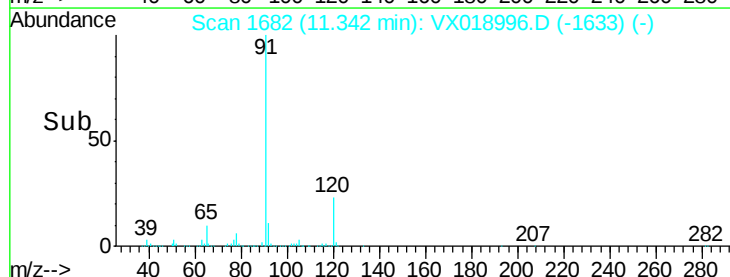
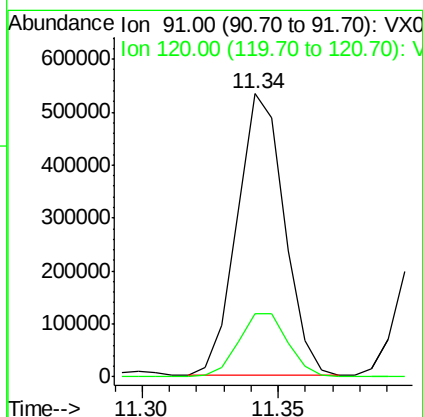
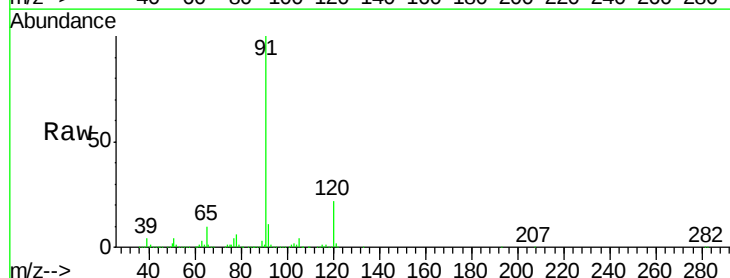
RT: 11.34 min Scan# 1682

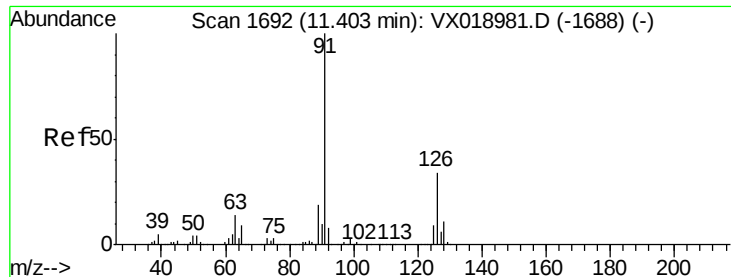
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	91	Resp:	642364
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.3	36.9





#79

2-Chlorotoluene

Concen: 45.173 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 383166

Ion Ratio Lower Upper

91 100

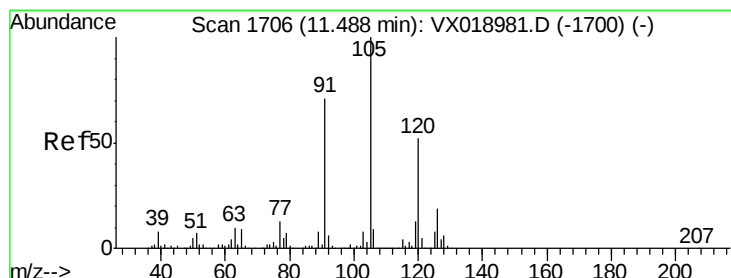
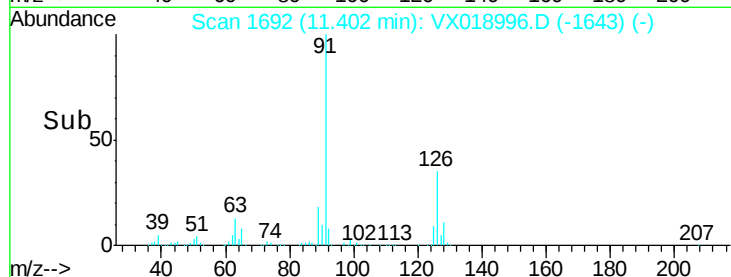
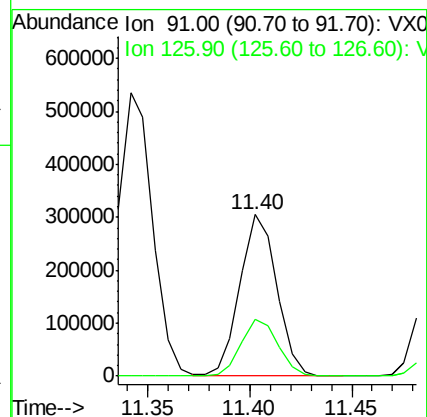
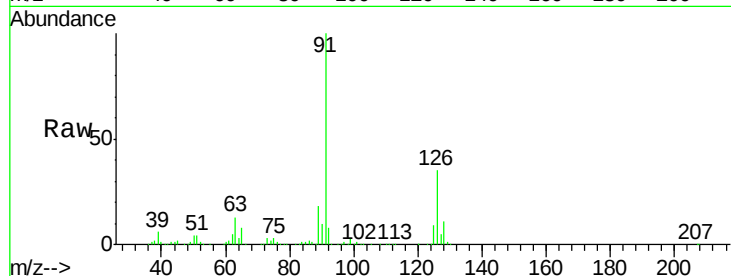
126 35.3 18.0 54.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 45.838 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018996.D

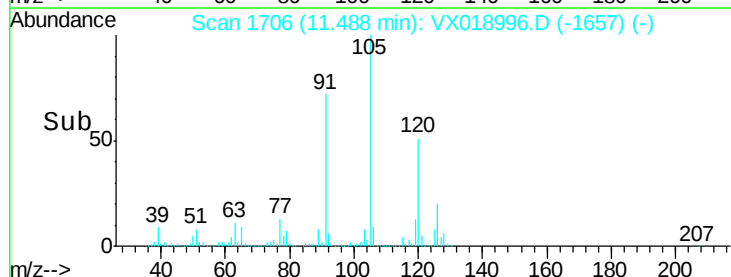
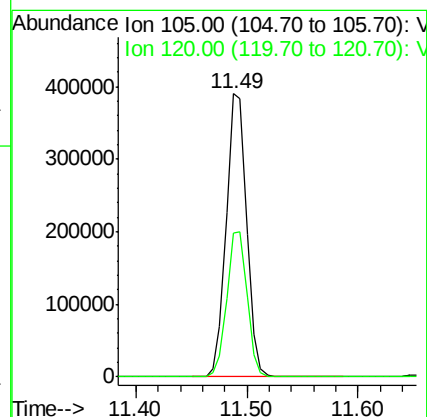
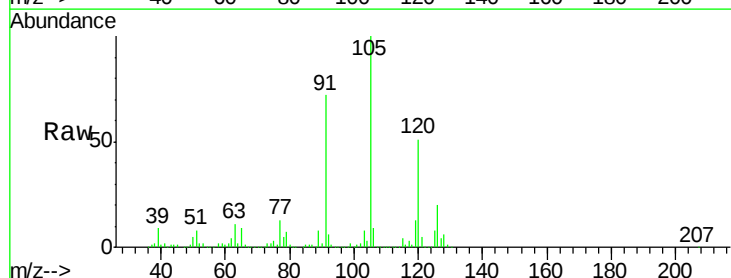
Acq: 21 Oct 2020 00:09

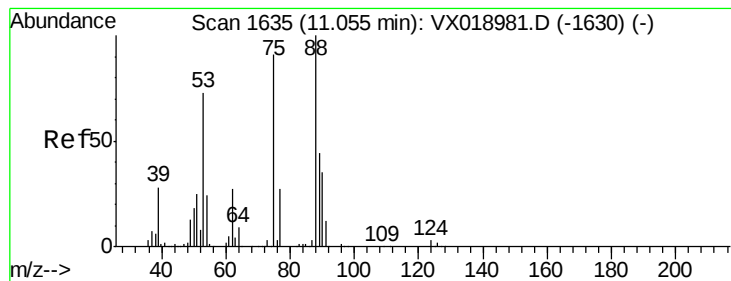
Tgt Ion: 105 Resp: 493598

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.736 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

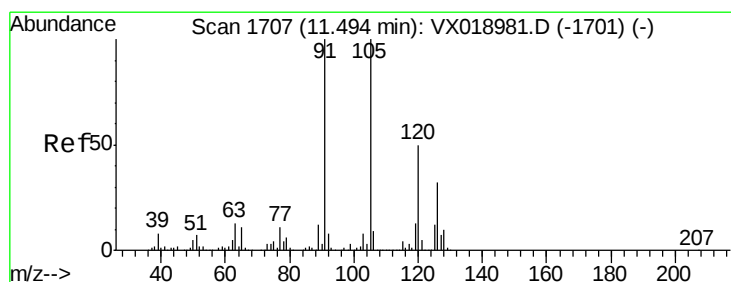
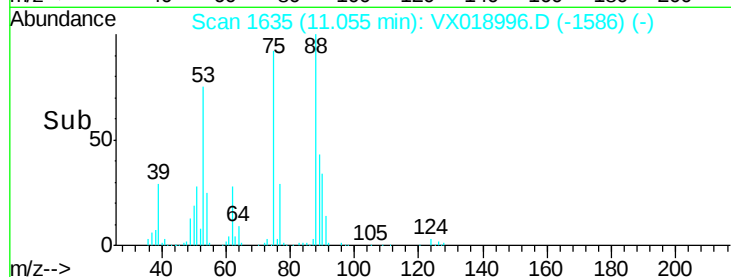
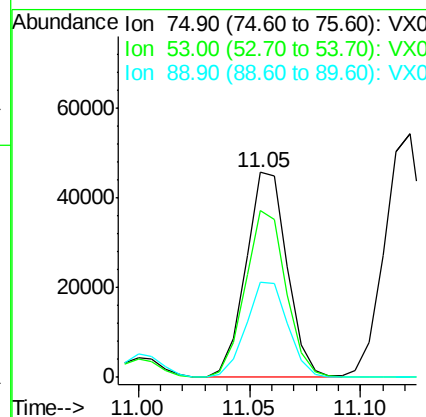
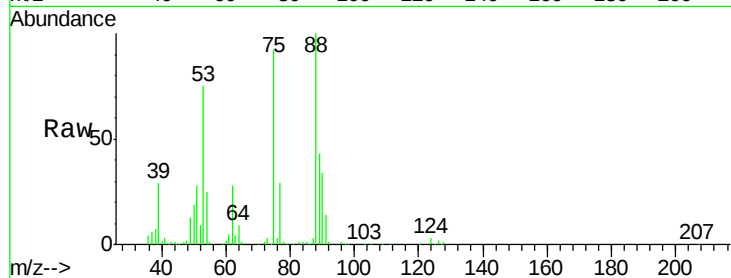
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	58880
Ion	Ratio	Lower	Upper
75	100		
53	80.7	63.9	95.9
89	47.4	39.9	59.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 44.827 ug/l

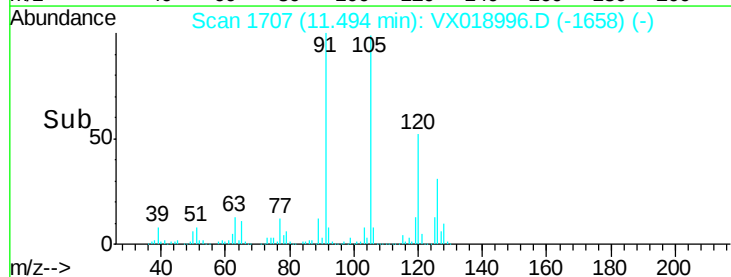
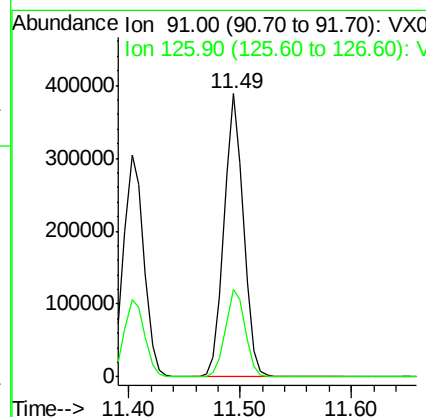
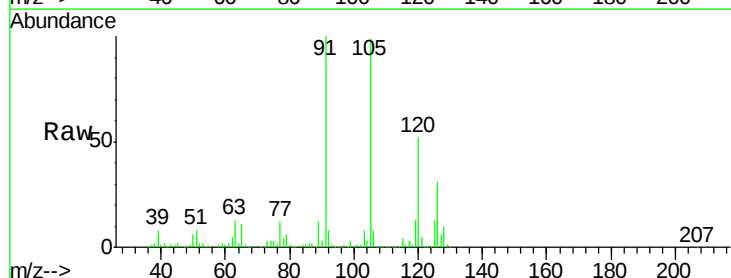
RT: 11.49 min Scan# 1707

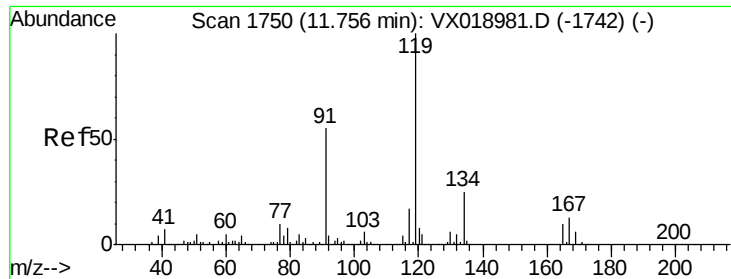
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	91	Resp:	466386
Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.9	47.6





#83

tert-Butylbenzene

Concen: 46.140 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

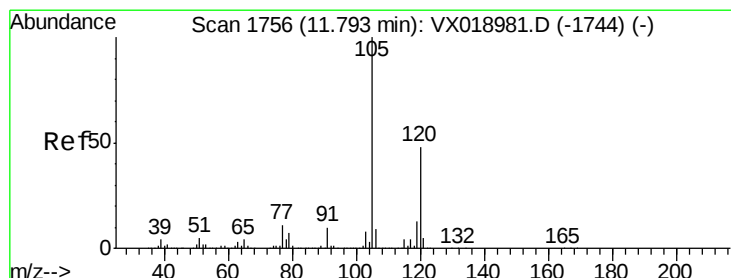
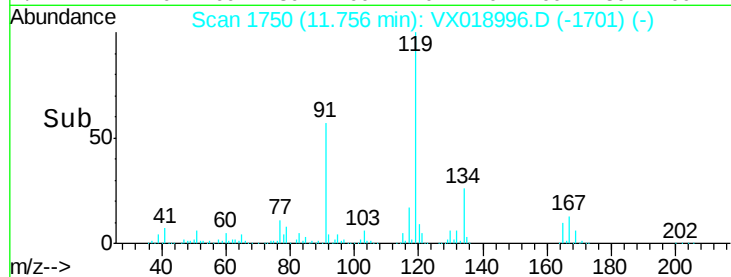
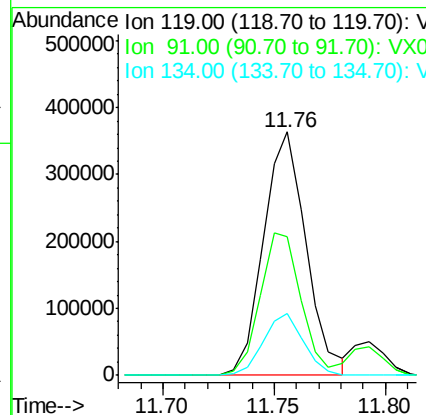
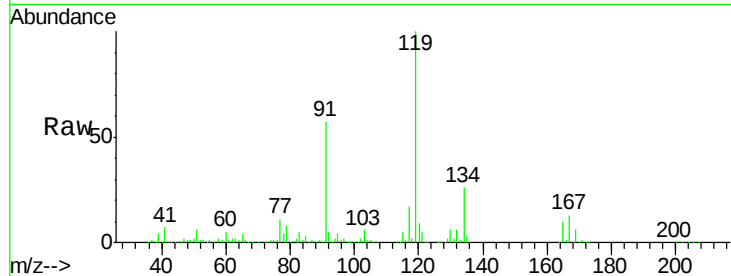
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	483855
Ion Ratio	Lower	Upper	
119	100		
91	56.0	27.5	82.4
134	23.9	11.9	35.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 46.645 ug/l

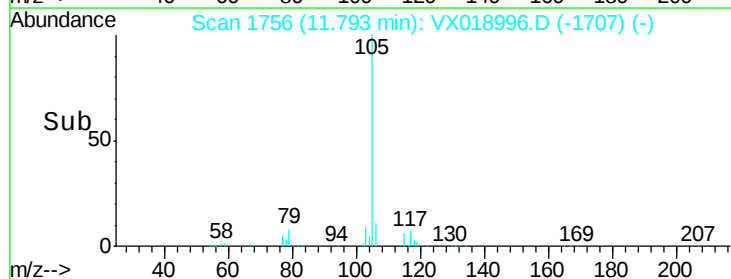
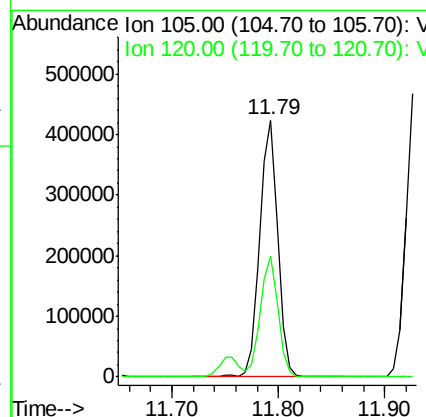
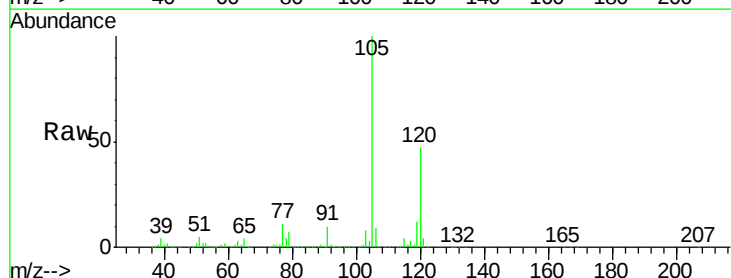
RT: 11.79 min Scan# 1756

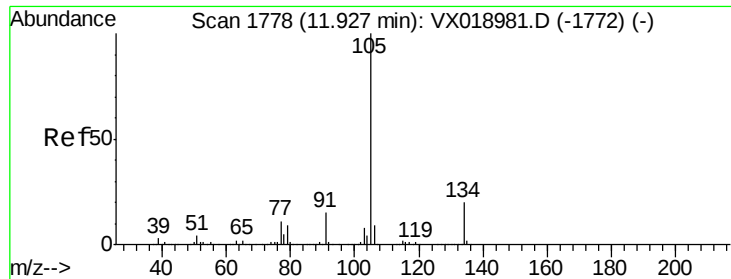
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	105	Resp:	506426
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.3	69.8





#85

sec-Butylbenzene

Concen: 46.831 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 587130

Ion Ratio Lower Upper

105 100

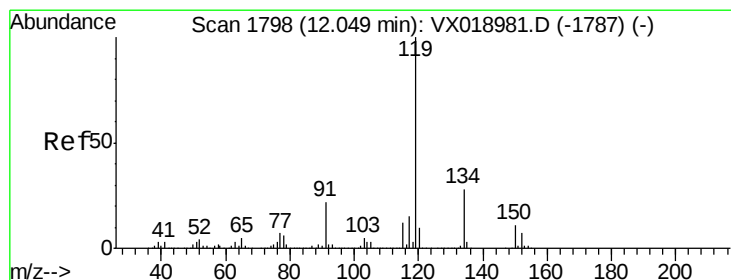
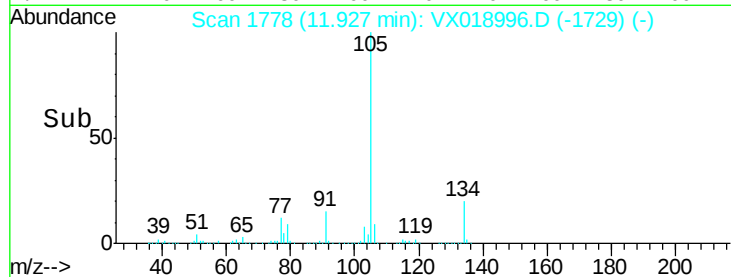
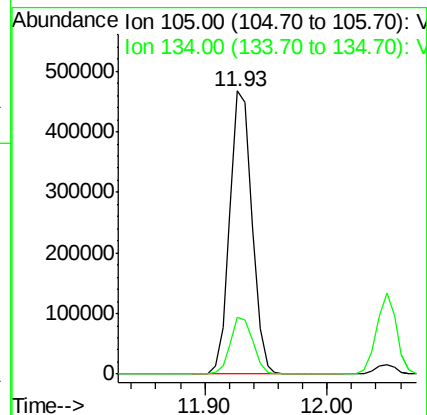
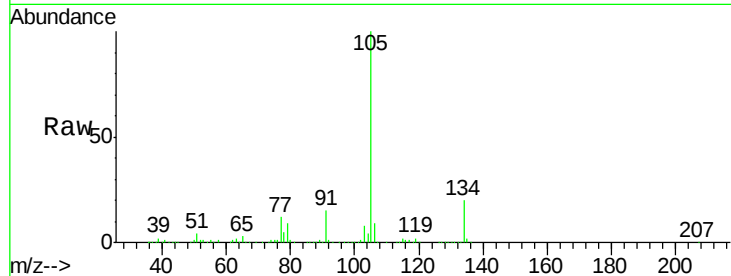
134 20.3 10.5 31.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 46.541 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

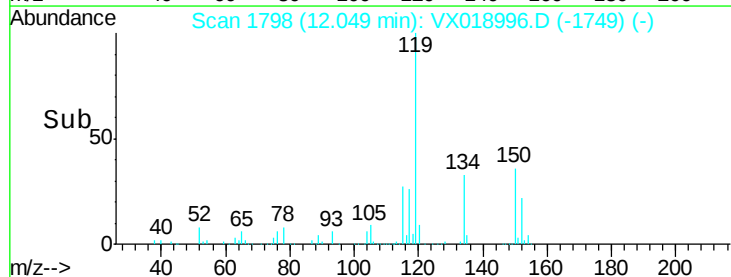
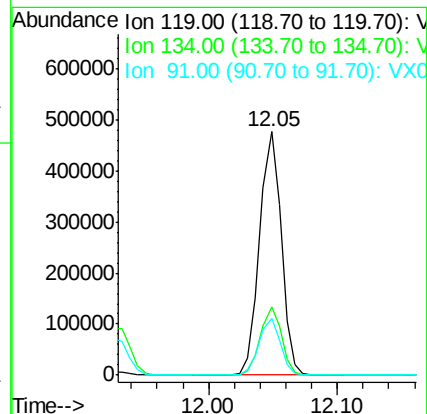
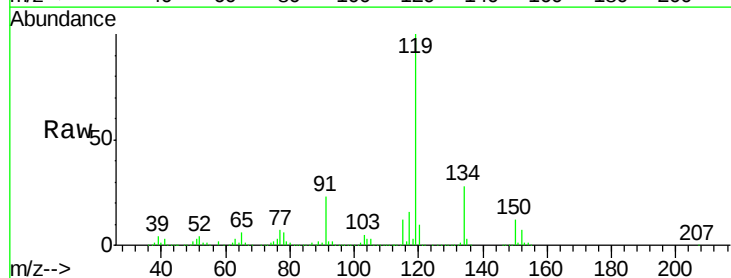
Tgt Ion:119 Resp: 548754

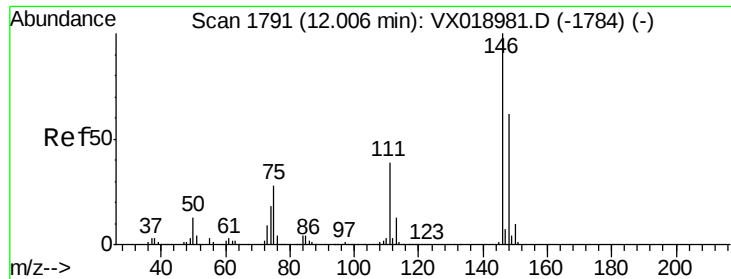
Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.5

91 22.9 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 45.152 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Instrument :

MSVOA_X

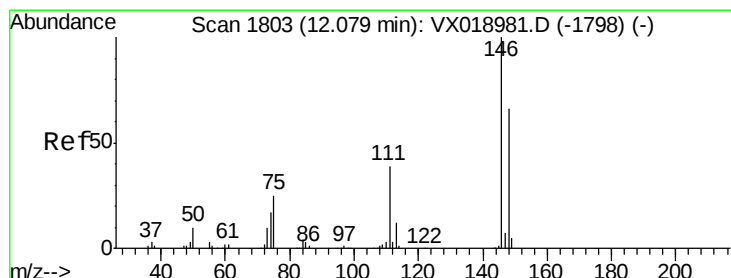
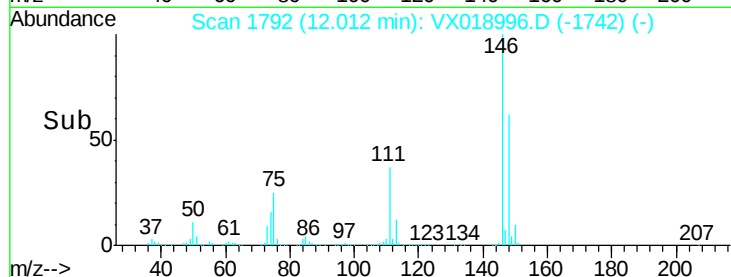
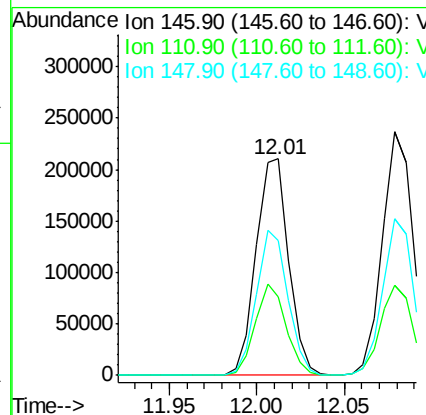
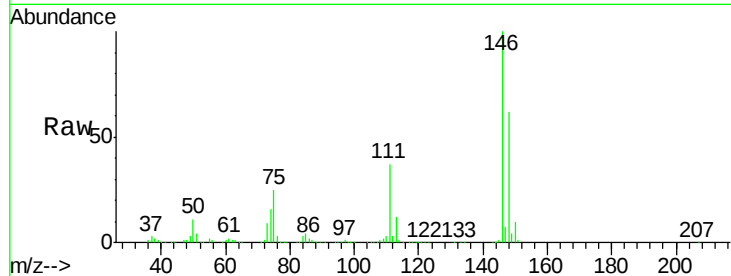
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	273501
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.8	59.4
148	64.6	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.258 ug/l

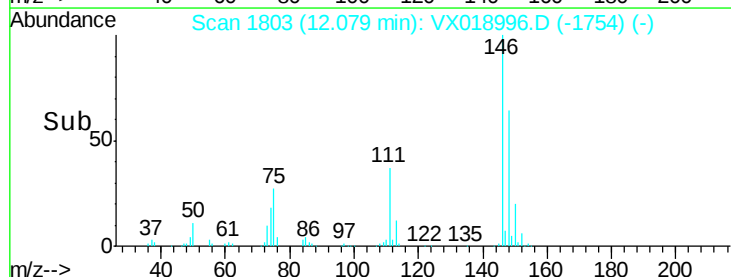
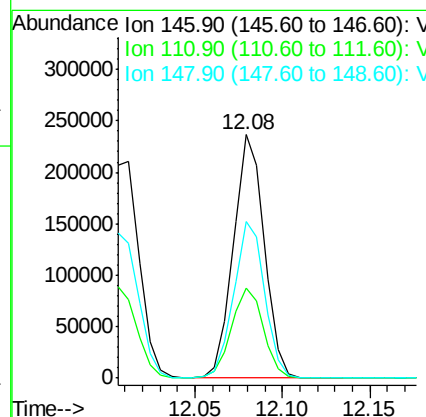
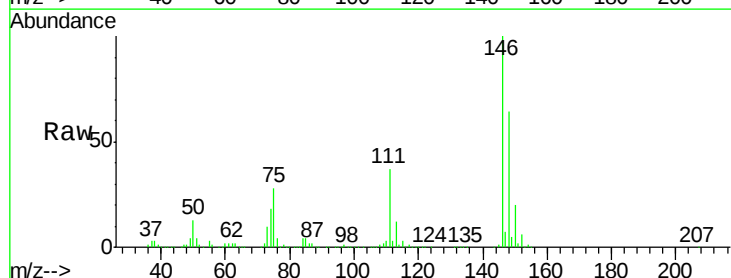
RT: 12.08 min Scan# 1803

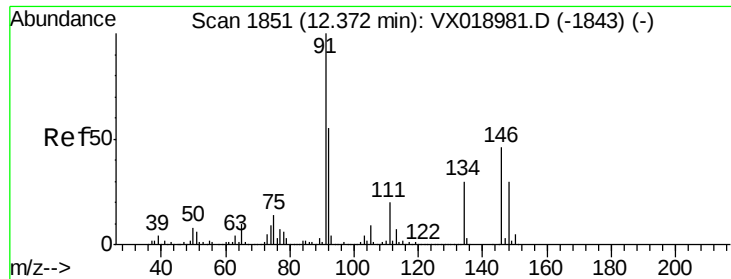
Delta R.T. -0.00 min

Lab File: VX018996.D

Acq: 21 Oct 2020 00:09

Tgt Ion:	146	Resp:	289450
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.3	57.9
148	64.2	32.6	98.0





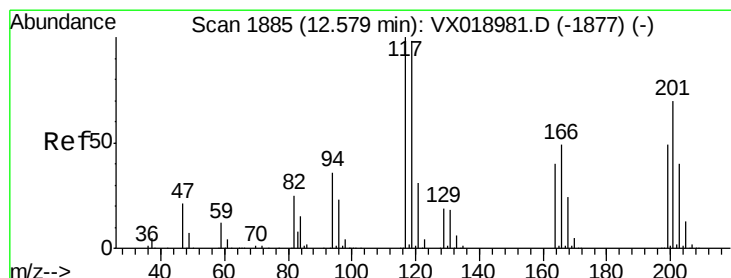
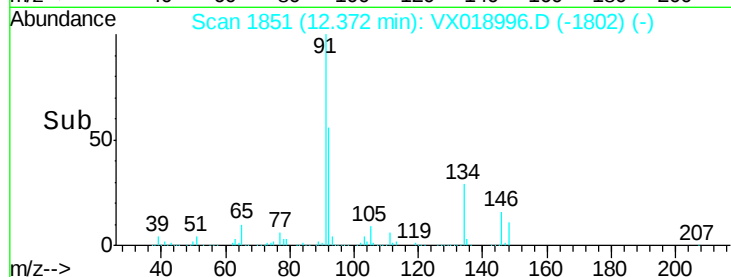
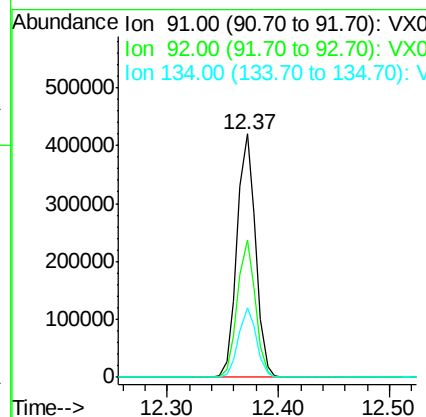
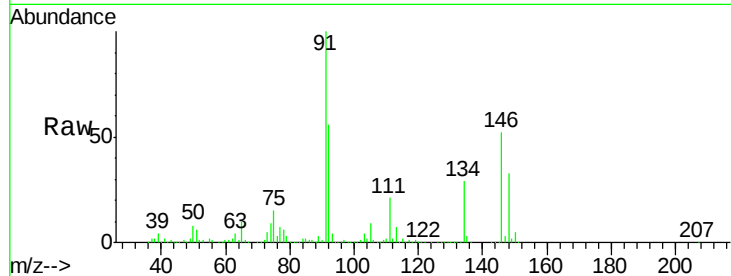
#89
n-Butylbenzene
Concen: 43.793 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.2	81.6
134	27.8	14.2	42.8

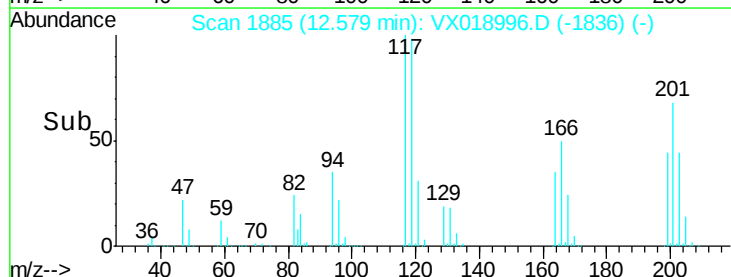
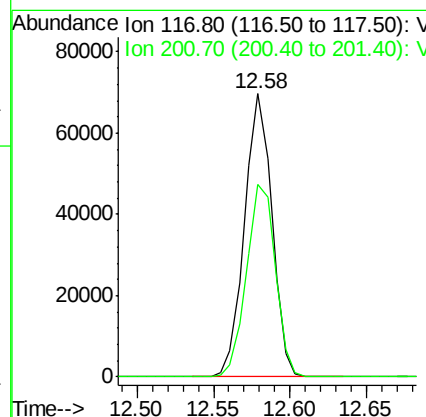
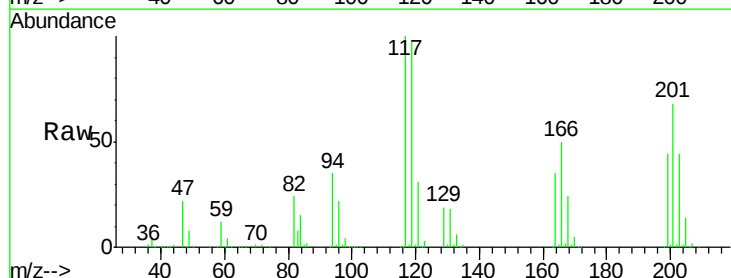
Manual Integrations
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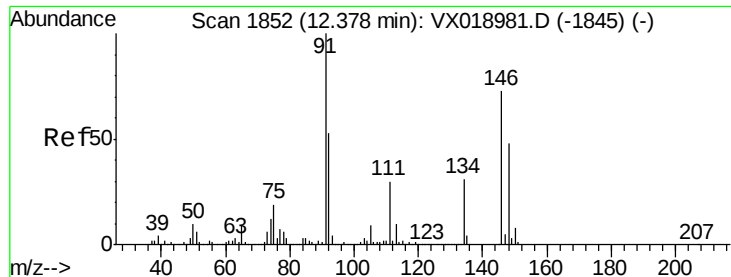
MMDadoda
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#90
Hexachloroethane
Concen: 46.912 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.5	36.1	108.5





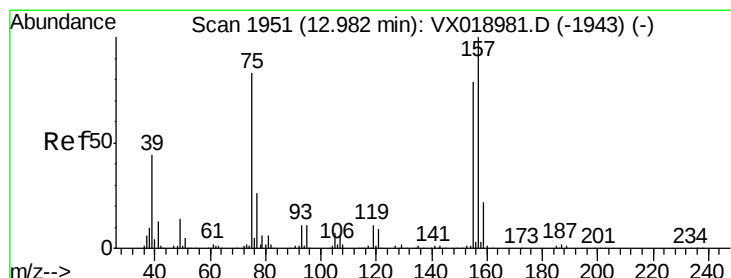
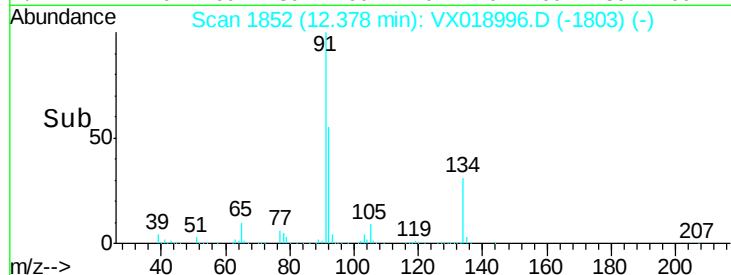
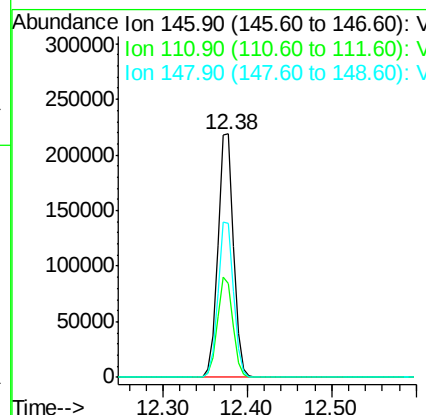
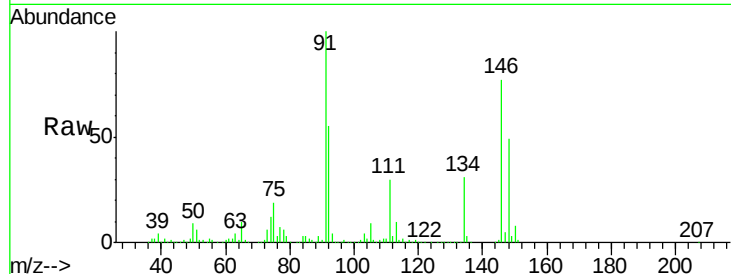
#91
 1,2-Dichlorobenzene
 Concen: 47.848 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018996.D
 Acq: 21 Oct 2020 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.8	62.5
148	63.7	32.5	97.4

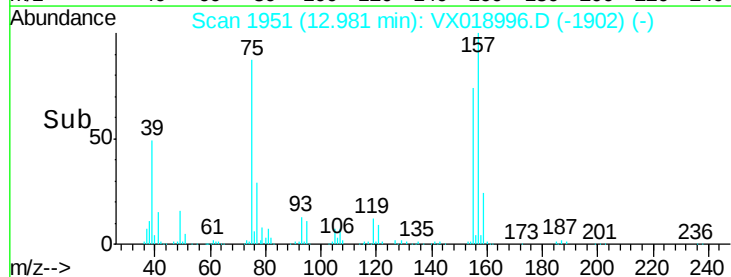
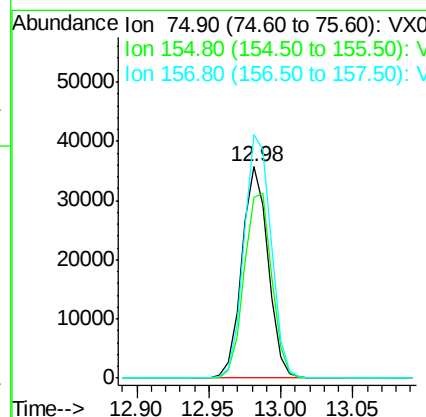
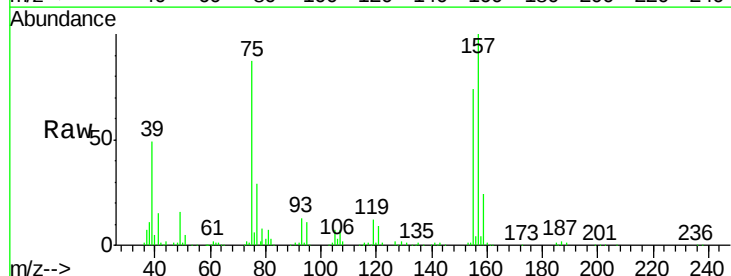
Manual Integrations
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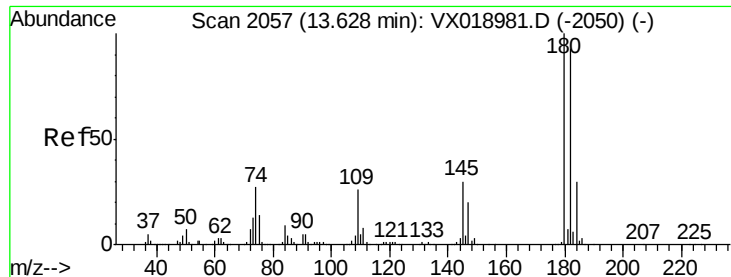
MMDadoda
 10/21/2020 1:04:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.713 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018996.D
 Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	47.6	142.9
157	117.9	62.7	188.1





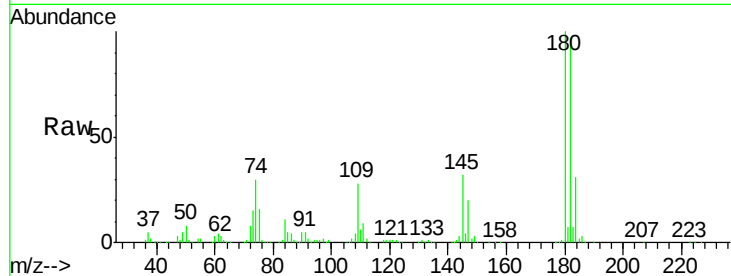
#93
1,2,4-Trichlorobenzene
Concen: 41.397 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

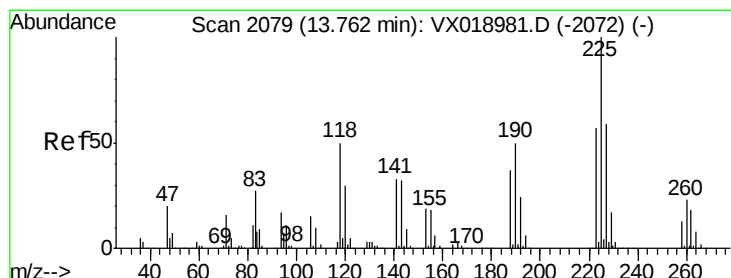
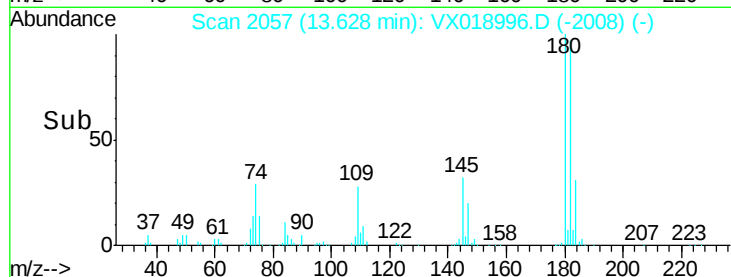
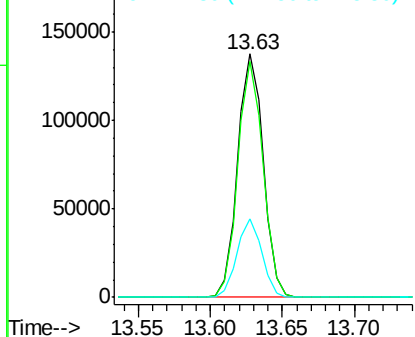
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.6	139.7
145	31.6	15.7	47.1

Manual Integrations
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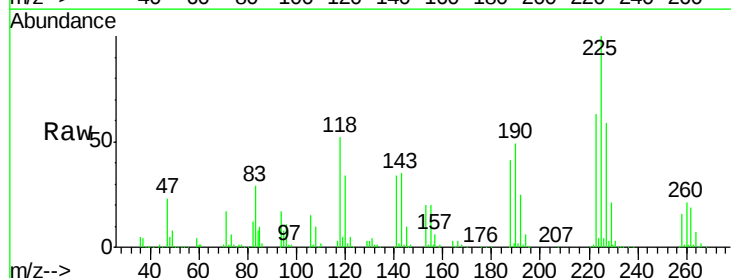


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

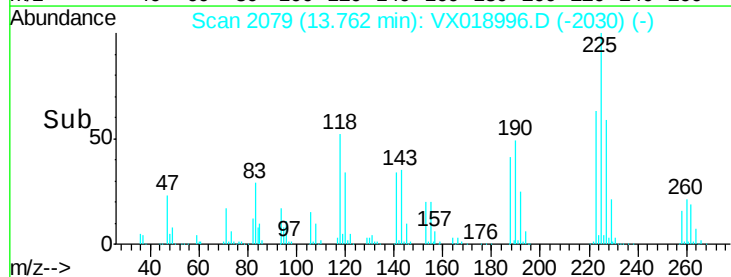
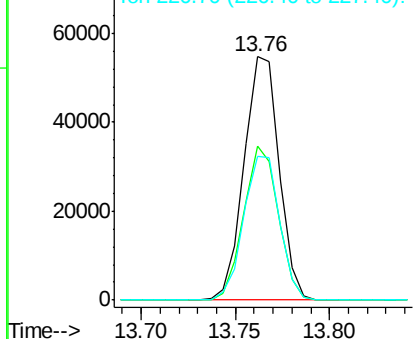


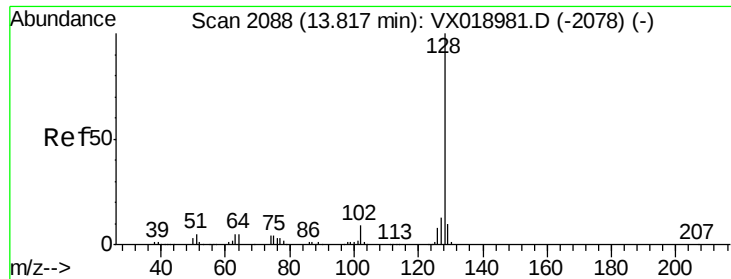
#94
Hexachlorobutadiene
Concen: 42.351 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	29.4	88.3
227	60.5	30.6	92.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





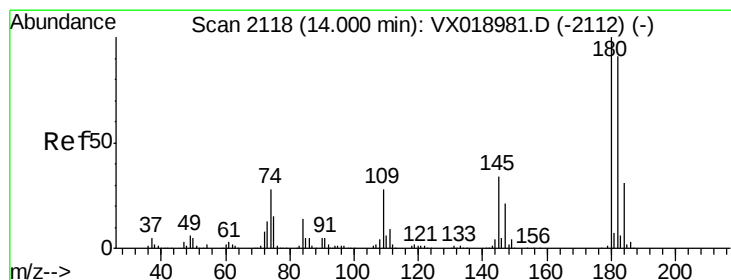
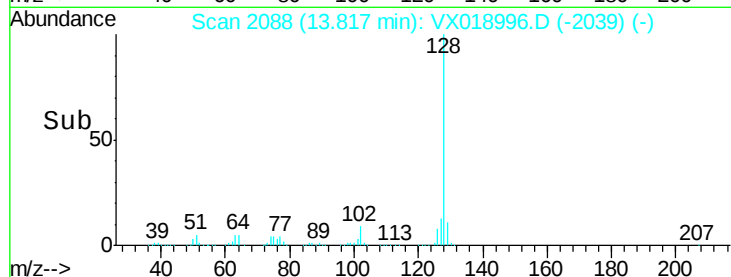
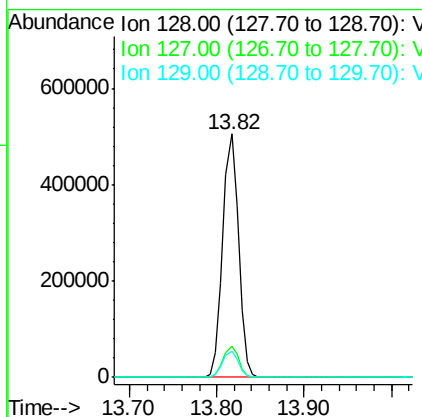
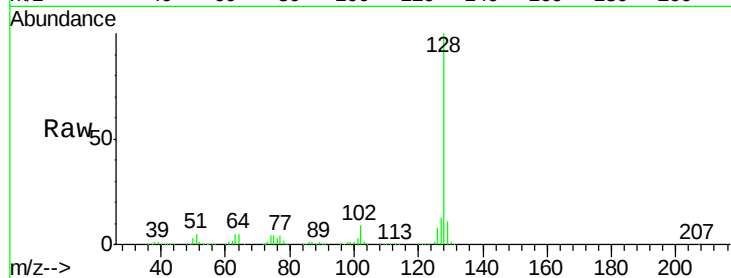
#95
Naphthalene
Concen: 45.768 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
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10/21/2020 1:04:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.576 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018996.D
Acq: 21 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	34.0	17.0	51.0

