

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019564.D
 Acq On : 23 Nov 2020 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:00:01 PM

Quant Time: Nov 24 04:51:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	482000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179679	47.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.82%
35) Dibromofluoromethane	5.46	113	149106	49.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.56%
50) Toluene-d8	8.70	98	552218	46.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.94%
62) 4-Bromofluorobenzene	11.12	95	205031	48.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.94%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135797	48.275	ug/l	99
3) Chloromethane	1.31	50	139931	43.350	ug/l	97
4) Vinyl Chloride	1.39	62	163851	47.154	ug/l	99
5) Bromomethane	1.62	94	56224	42.718	ug/l	99
6) Chloroethane	1.69	64	39469	46.314	ug/l	97
7) Trichlorofluoromethane	1.90	101	243554	48.563	ug/l	97
8) Diethyl Ether	2.17	74	100608	50.089	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137252	49.054	ug/l	99
10) Methyl Iodide	2.48	142	178403	48.535	ug/l	100
11) Tert butyl alcohol	3.05	59	189558	267.059	ug/l	100
12) 1,1-Dichloroethene	2.34	96	139410	48.544	ug/l	97
13) Acrolein	2.28	56	101702	213.157	ug/l	99
14) Allyl chloride	2.70	41	212420	47.216	ug/l	98
15) Acrylonitrile	3.12	53	412498	246.421	ug/l	100
16) Acetone	2.43	43	331123	228.295	ug/l	98
17) Carbon Disulfide	2.54	76	350917	45.484	ug/l	99
18) Methyl Acetate	2.75	43	177292	49.855	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	519488	52.405	ug/l	98
20) Methylene Chloride	2.83	84	164325	45.329	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	161663	49.685	ug/l	99
22) Diisopropyl ether	3.83	45	461971	49.638	ug/l	93
23) Vinyl Acetate	3.79	43	2005451	256.896	ug/l	99
24) 1,1-Dichloroethane	3.67	63	281724	49.490	ug/l	100
25) 2-Butanone	4.64	43	529741	243.134	ug/l	98
26) 2,2-Dichloropropane	4.55	77	222335	44.746	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	205117	54.880	ug/l	98
28) Bromochloromethane	4.98	49	116678	42.871	ug/l	95
29) Tetrahydrofuran	5.09	42	343097	246.801	ug/l	98
30) Chloroform	5.17	83	297419	49.966	ug/l	97
31) Cyclohexane	5.54	56	234563	48.085	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	263563	51.546	ug/l	99
36) 1,1-Dichloropropene	5.76	75	217899	48.221	ug/l	98
37) Ethyl Acetate	4.80	43	212434	50.077	ug/l	99
38) Carbon Tetrachloride	5.75	117	224171	51.253	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	249711	47.461	ug/l	98
40) Benzene	6.11	78	668773	48.169	ug/l	100
41) Methacrylonitrile	5.01	41	112478	48.081	ug/l	96
42) 1,2-Dichloroethane	6.16	62	232685	48.896	ug/l	100
43) Isopropyl Acetate	6.42	43	348546	48.877	ug/l	99
44) Trichloroethene	7.18	130	306930	84.397	ug/l	93
45) 1,2-Dichloropropane	7.49	63	164161	48.029	ug/l	100
46) Dibromomethane	7.63	93	114656	49.012	ug/l	100
47) Bromodichloromethane	7.87	83	228032	50.234	ug/l	98
48) Methyl methacrylate	7.74	41	167603	50.185	ug/l	98
49) 1,4-Dioxane	7.72	88	82150	1083.362	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1046995	251.780	ug/l	99
52) Toluene	8.76	92	410264	48.303	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	246710	50.324	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	270399	49.701	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	169686	49.055	ug/l	99
56) Ethyl methacrylate	9.16	69	257691	52.648	ug/l	98
57) 1,3-Dichloropropane	9.35	76	282167	48.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	671302	234.064	ug/l	98
59) 2-Hexanone	9.48	43	797670	252.924	ug/l	99
60) Dibromochloromethane	9.56	129	174219	51.420	ug/l	100
61) 1,2-Dibromoethane	9.65	107	177167	49.688	ug/l	99
64) Tetrachloroethene	9.32	164	148911	44.908	ug/l	95
65) Chlorobenzene	10.12	112	427670	49.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	165450	52.444	ug/l	98
67) Ethyl Benzene	10.23	91	768884	50.604	ug/l	98
68) m/p-Xylenes	10.34	106	577871	102.084	ug/l	99
69) o-Xylene	10.68	106	284637	52.601	ug/l	99
70) Styrene	10.70	104	481073	48.092	ug/l	100
71) Bromoform	10.84	173	128463	48.208	ug/l	99
73) Isopropylbenzene	11.00	105	746837	51.747	ug/l	99
74) N-amyl acetate	10.88	43	298543	55.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262592	50.878	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	233254m	51.231	ug/l	
77) Bromobenzene	11.24	156	191925	52.092	ug/l	95
78) n-propylbenzene	11.34	91	834283	50.389	ug/l	99
79) 2-Chlorotoluene	11.40	91	515850	51.374	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	633561	52.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	82314	48.930	ug/l	100
82) 4-Chlorotoluene	11.49	91	596072	50.427	ug/l	100
83) tert-Butylbenzene	11.76	119	623968	53.271	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	648358	52.927	ug/l	99
85) sec-Butylbenzene	11.93	105	700094	50.242	ug/l	99
86) p-Isopropyltoluene	12.05	119	649622	51.348	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	336562	49.741	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	344071	49.367	ug/l	99
89) n-Butylbenzene	12.37	91	556391	48.646	ug/l	100
90) Hexachloroethane	12.58	117	109269	51.615	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	345977	50.910	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57544	54.651	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221417	50.748	ug/l	99
94) Hexachlorobutadiene	13.76	225	87146	43.846	ug/l	98
95) Naphthalene	13.82	128	756180	49.177	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	217735	49.891	ug/l	96

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

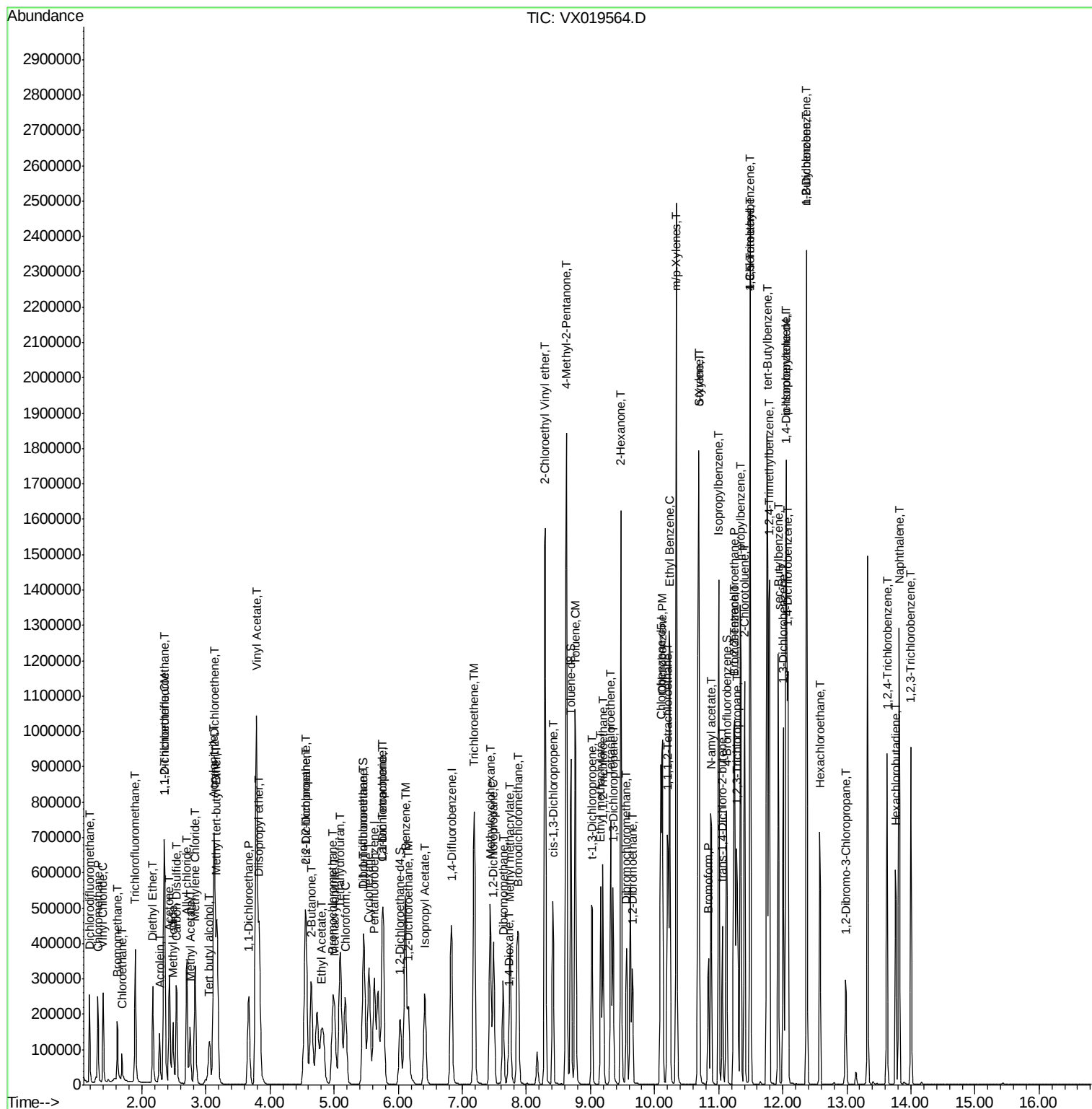
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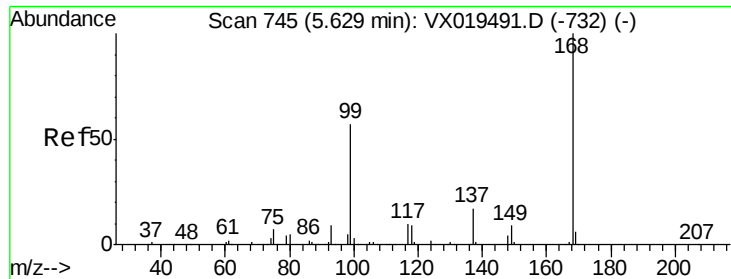
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 289266

Ion Ratio Lower Upper

168 100

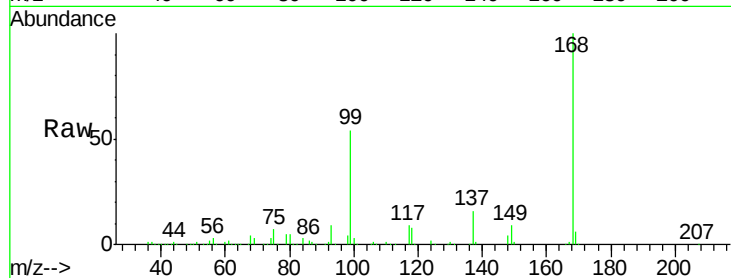
99 53.5 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

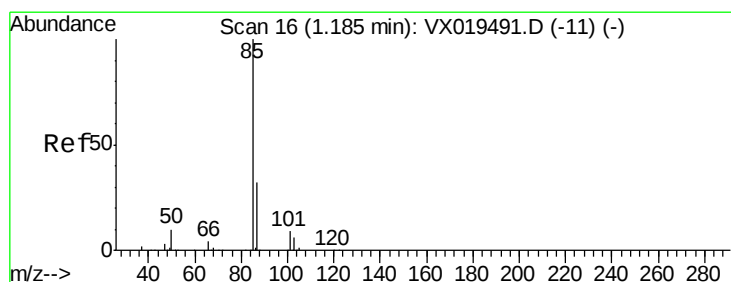
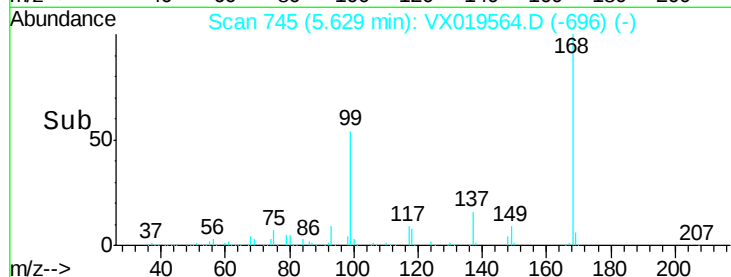
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.275 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019564.D

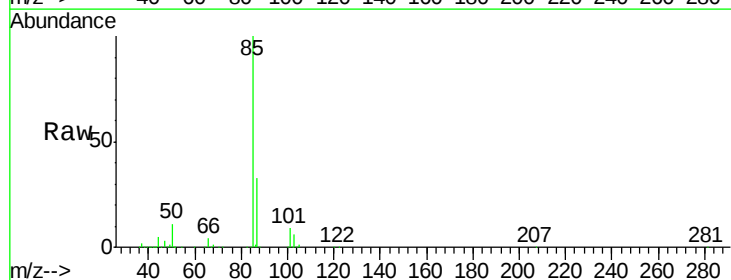
Acq: 23 Nov 2020 20:33

Tgt Ion: 85 Resp: 135797

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

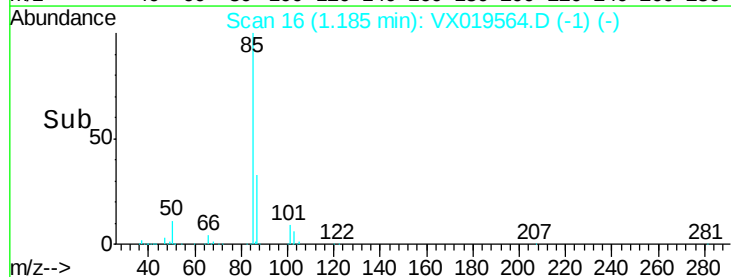
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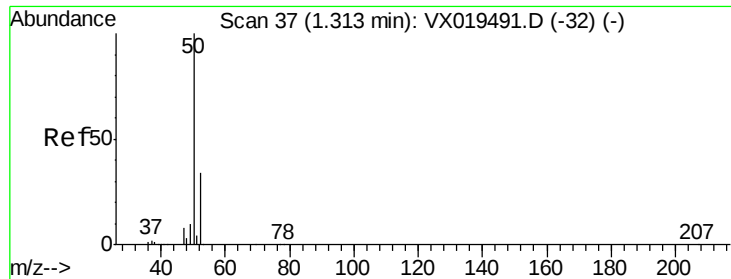
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.350 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 139931

Ion Ratio Lower Upper

50 100

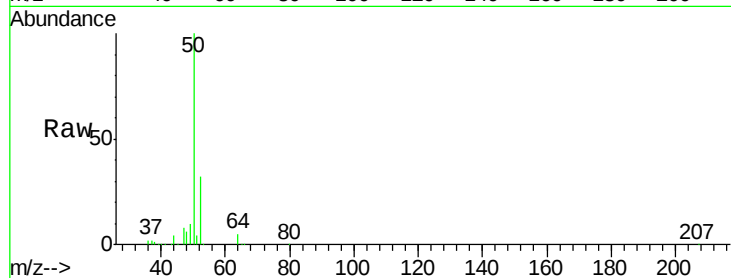
52 32.3 27.0 40.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

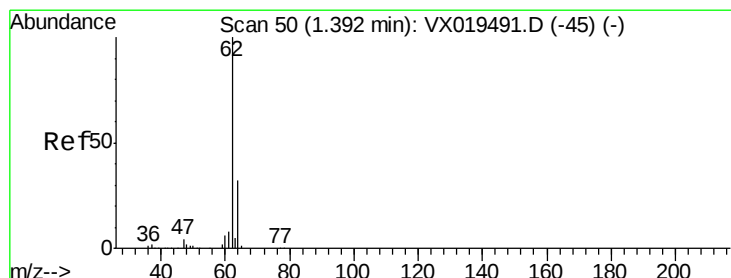
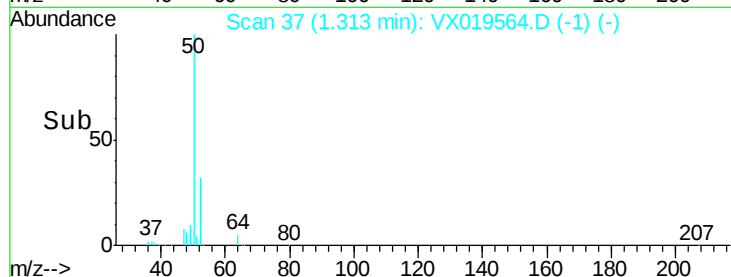
150000

100000

50000

0

Time--> 1.20 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.154 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019564.D

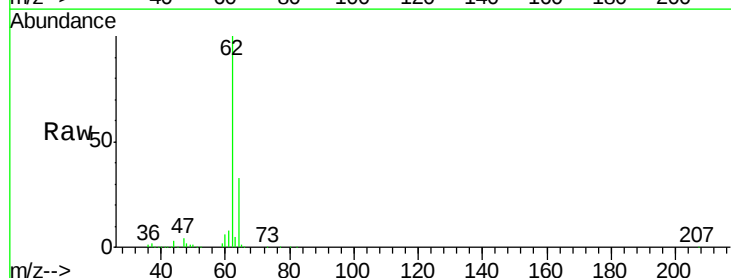
Acq: 23 Nov 2020 20:33

Tgt Ion: 62 Resp: 163851

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

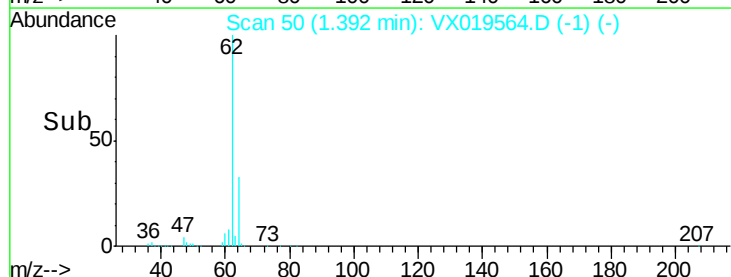
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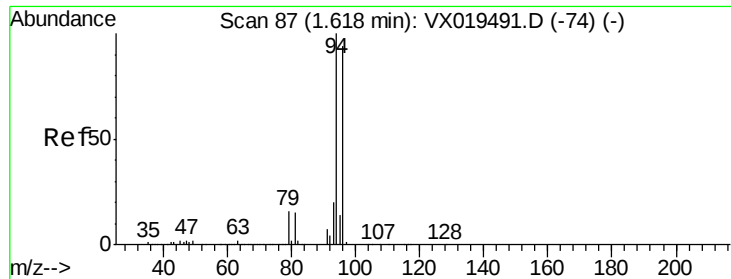
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 42.718 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56224

Ion Ratio Lower Upper

94 100

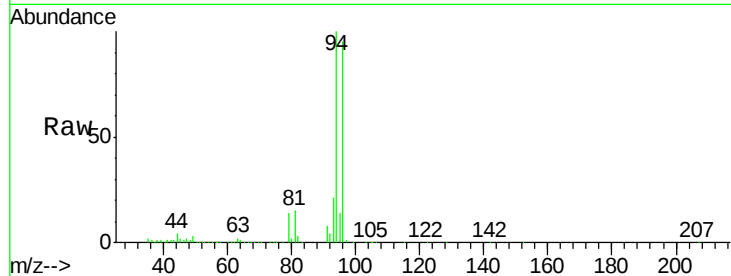
96 95.3 75.6 113.4

Manual Integrations

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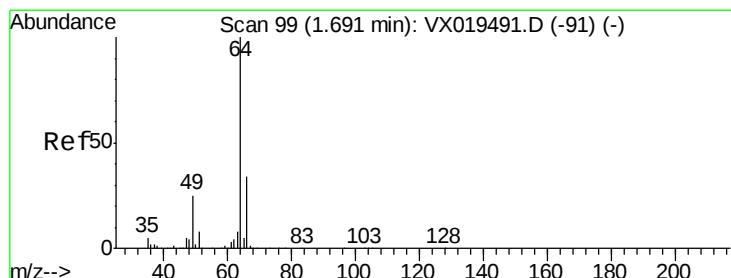
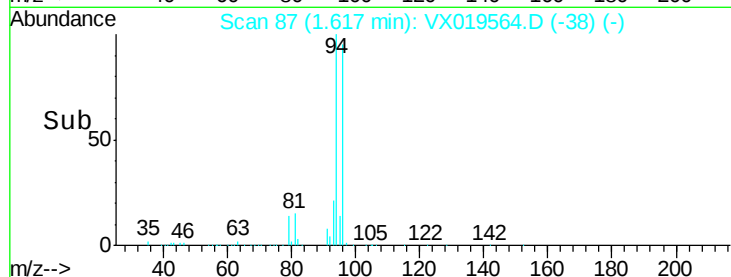
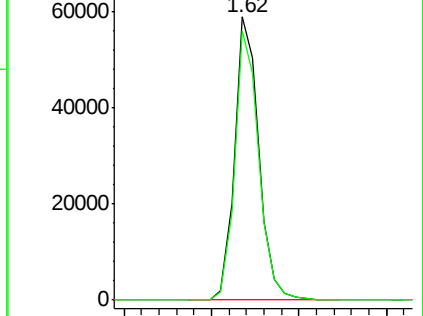
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11/24/2020 3:00:01 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.314 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019564.D

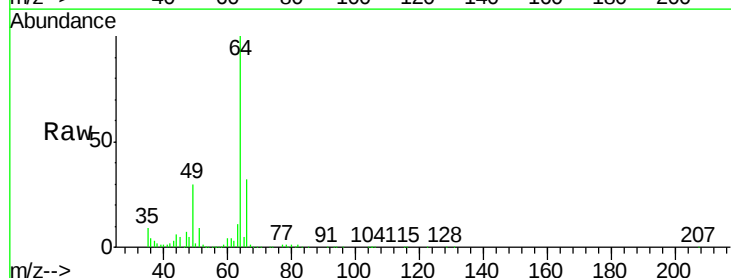
Acq: 23 Nov 2020 20:33

Tgt Ion: 64 Resp: 39469

Ion Ratio Lower Upper

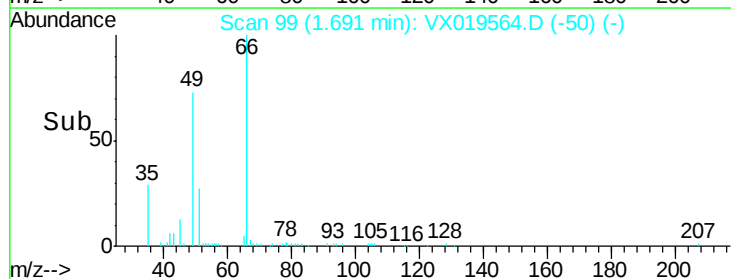
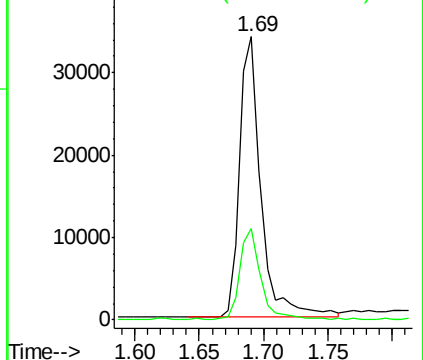
64 100

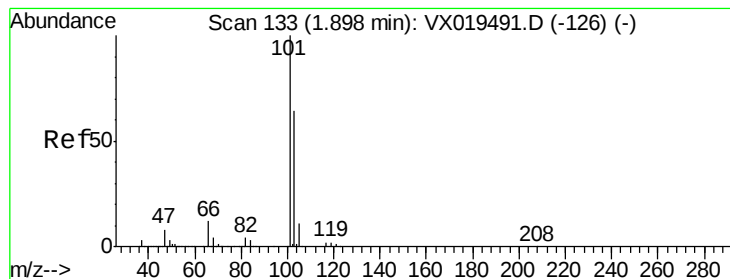
66 32.3 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

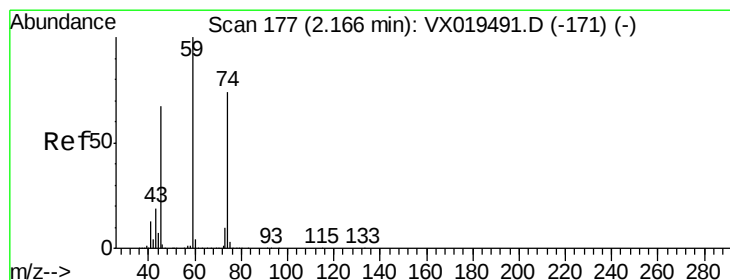
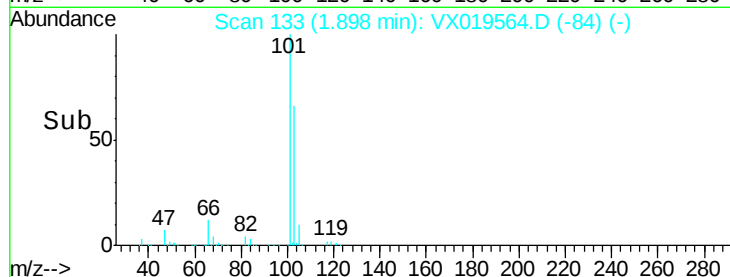
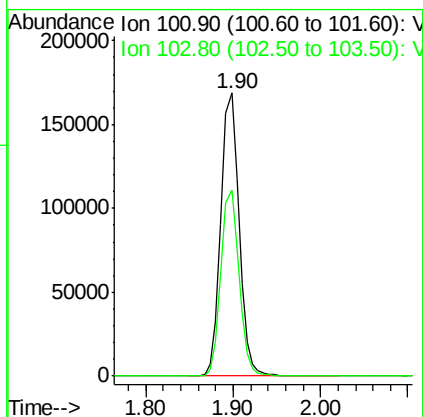
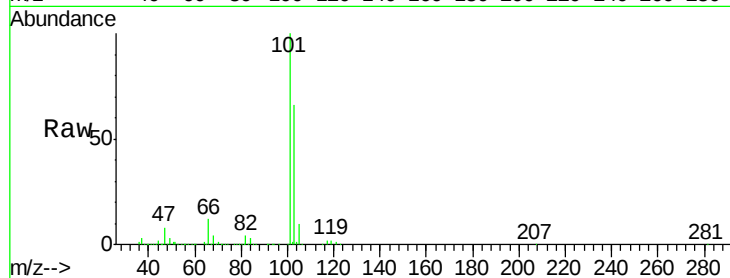
Trichlorofluoromethane
Concen: 48.563 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019564.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.9	76.3

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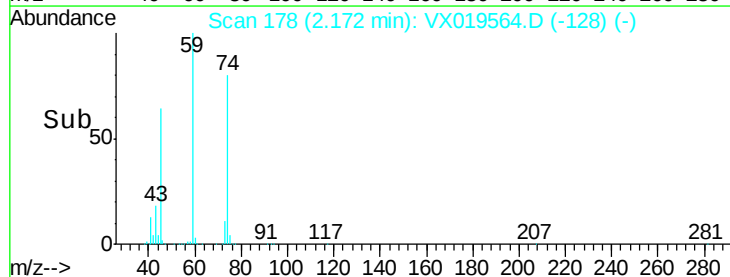
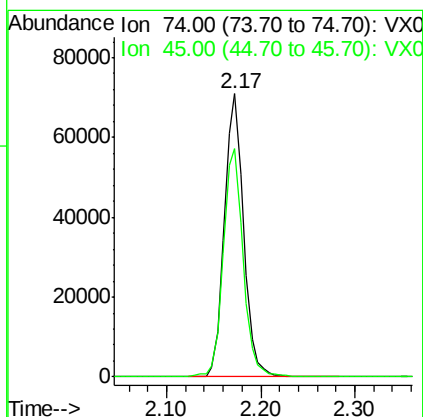
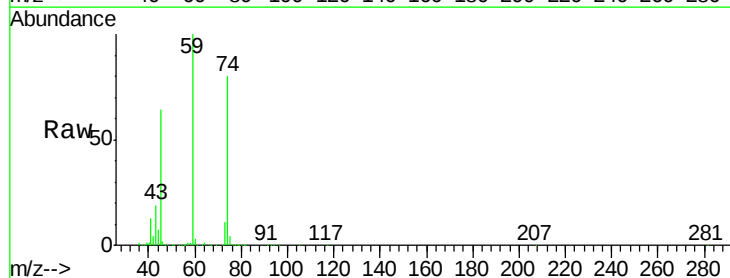
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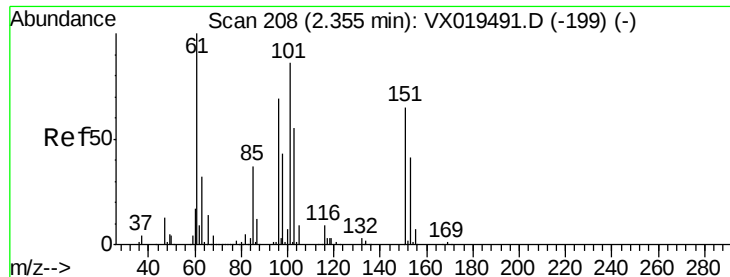


#8

Diethyl Ether
Concen: 50.089 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.6	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.054 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

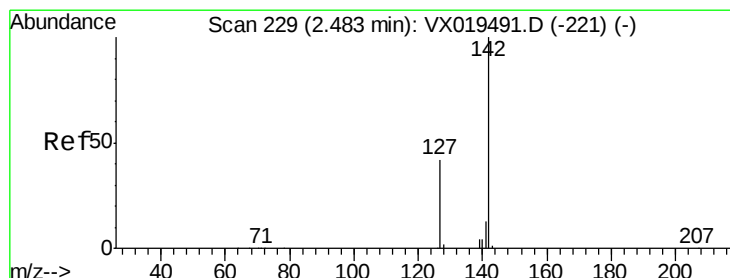
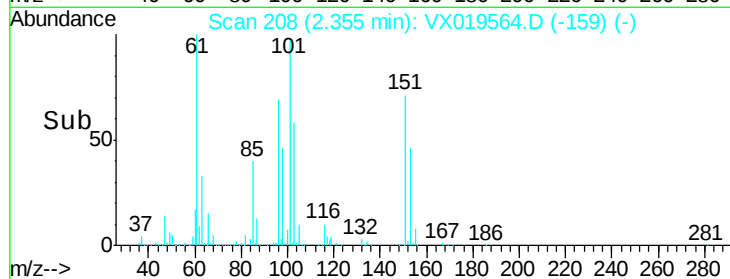
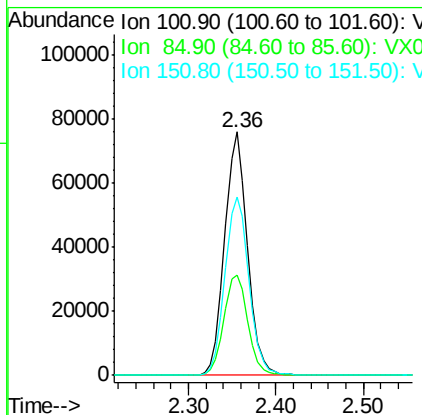
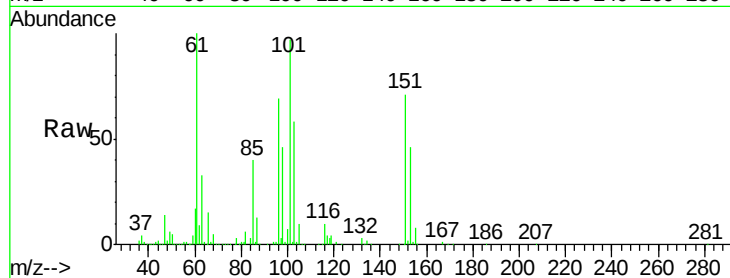
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	137252
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	77.2	60.9	91.3

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#10

Methyl Iodide

Concen: 48.535 ug/l

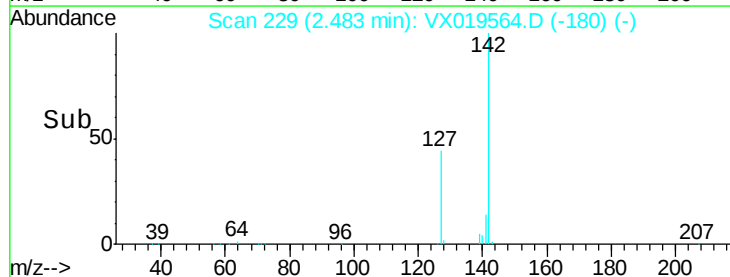
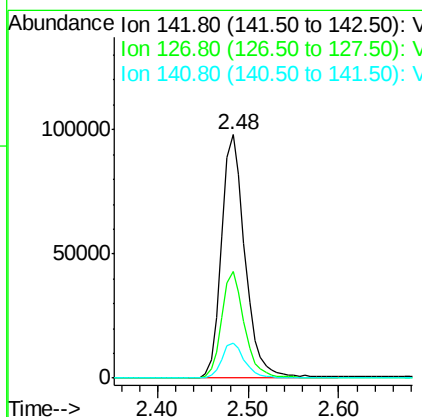
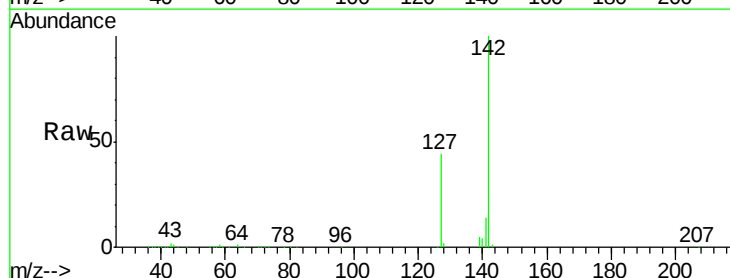
RT: 2.48 min Scan# 229

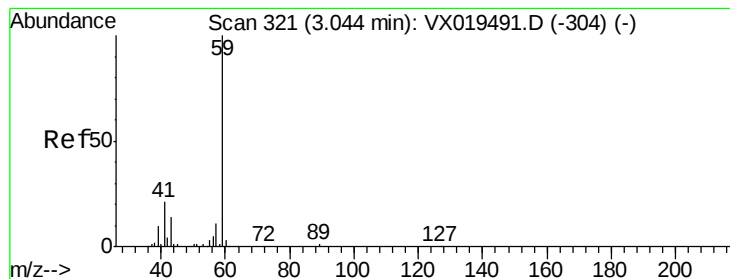
Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion:	142	Resp:	178403
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.8	50.6
141	14.2	11.0	16.6





#11

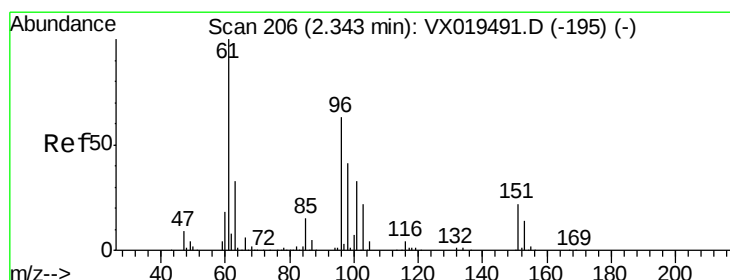
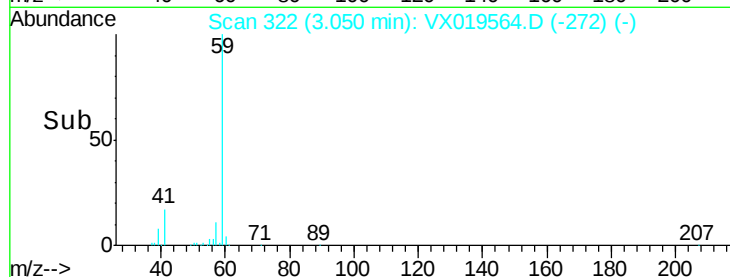
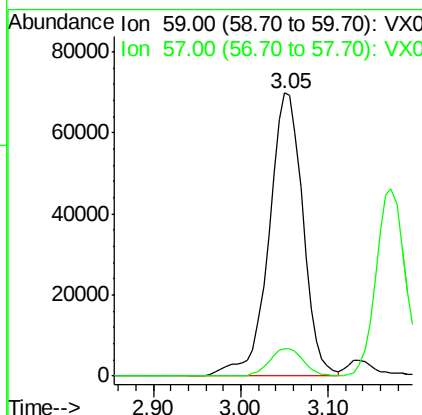
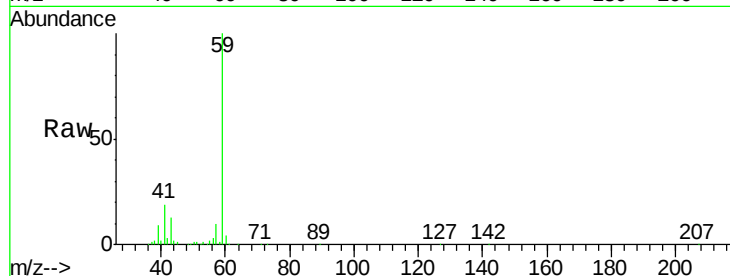
Tert butyl alcohol
Concen: 267.059 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	189558		
57	9.8		7.9	11.9

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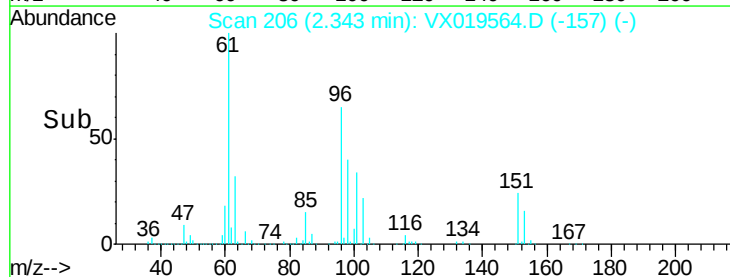
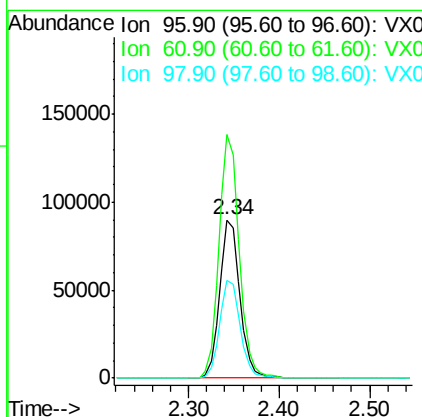
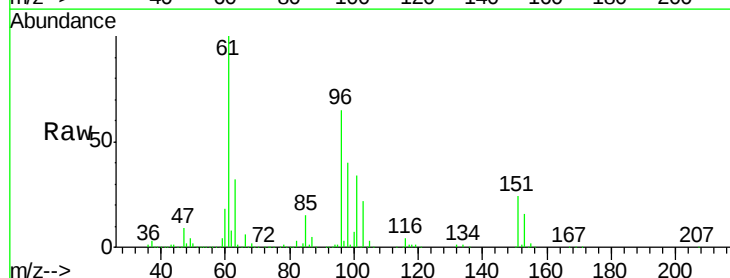
MMDadoda
11/24/2020 3:00:01 PM

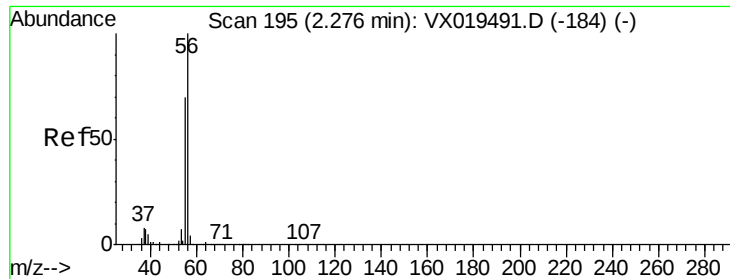


#12

1,1-Dichloroethene
Concen: 48.544 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	139410		
61	154.1		126.0	189.0
98	61.7		52.0	78.0





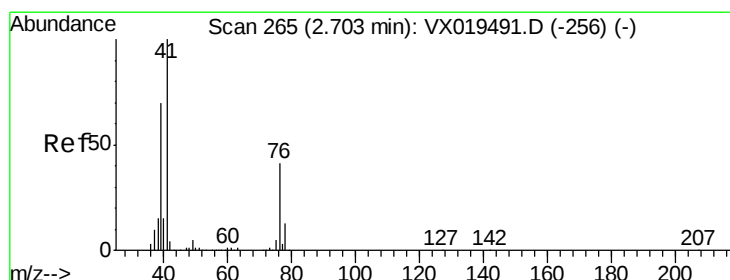
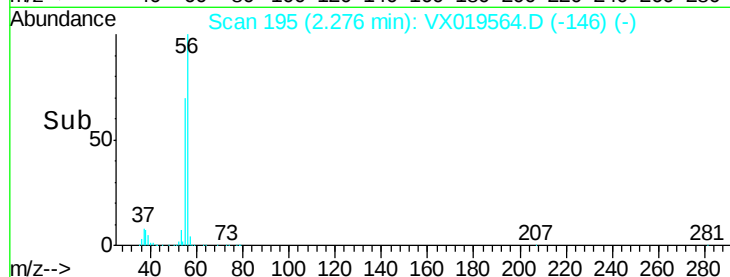
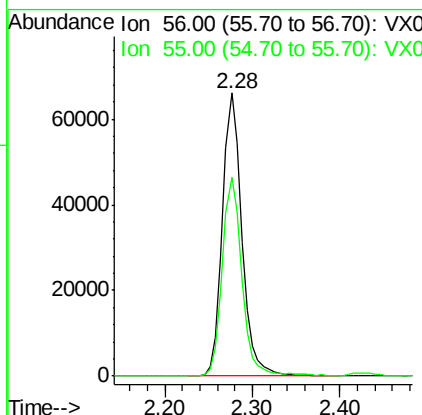
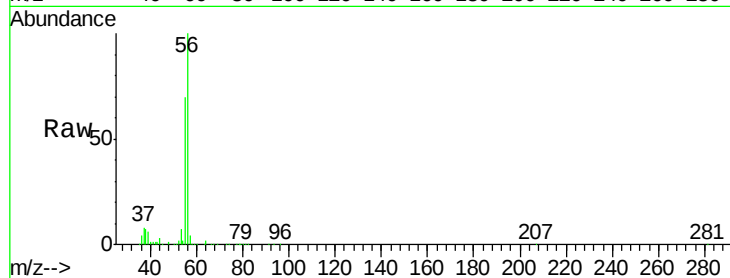
#13
Acrolein
Concen: 213.157 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.2	55.5	83.3

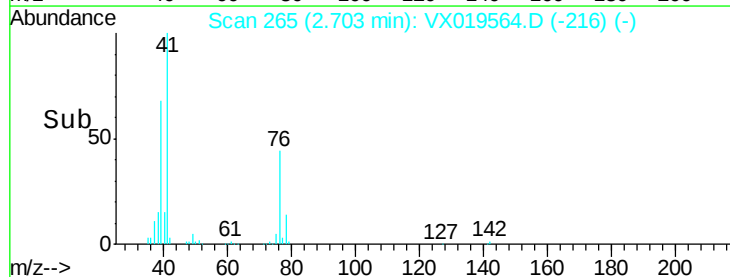
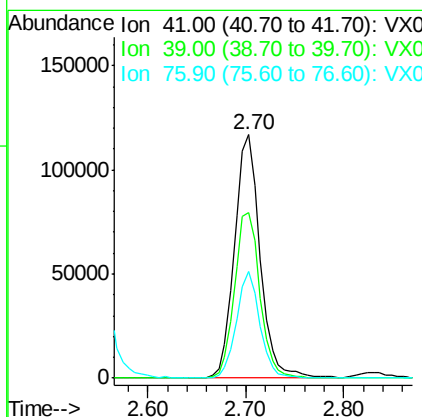
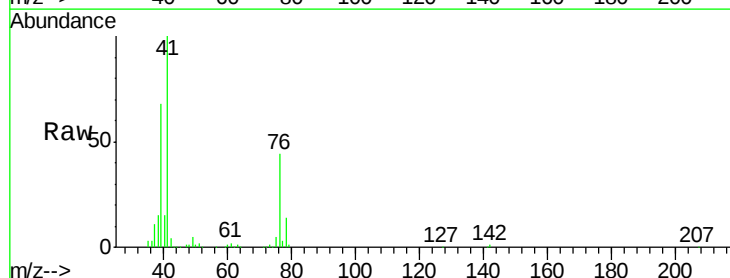
Manual Integrations
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11/24/2020 3:00:01 PM



#14
Allyl chloride
Concen: 47.216 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.1	53.0	79.4
76	40.3	31.0	46.6





#15

Acrylonitrile

Concen: 246.421 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

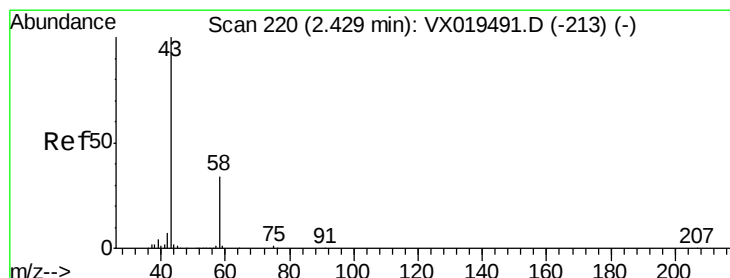
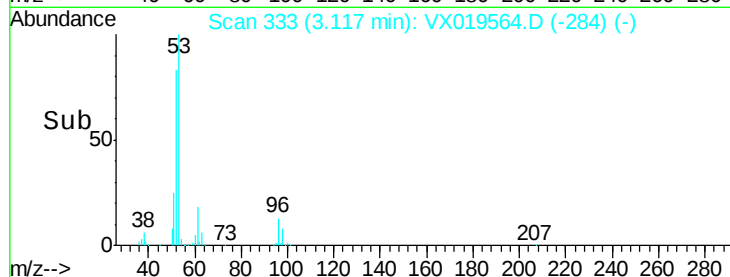
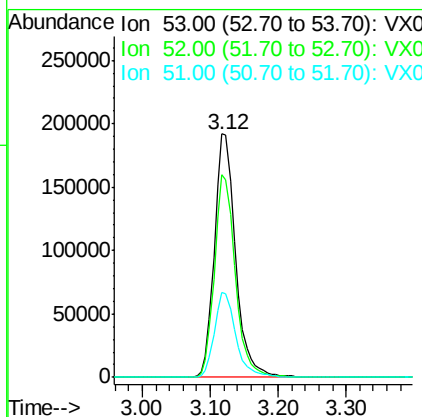
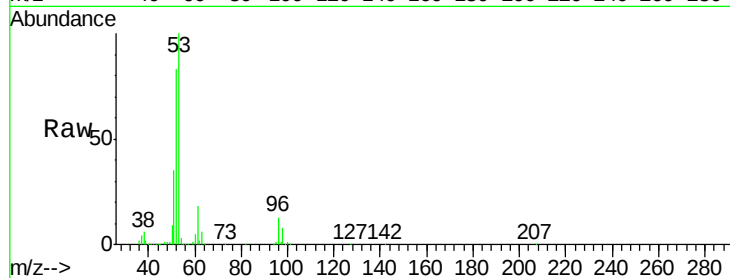
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	412498
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	35.4	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 228.295 ug/l

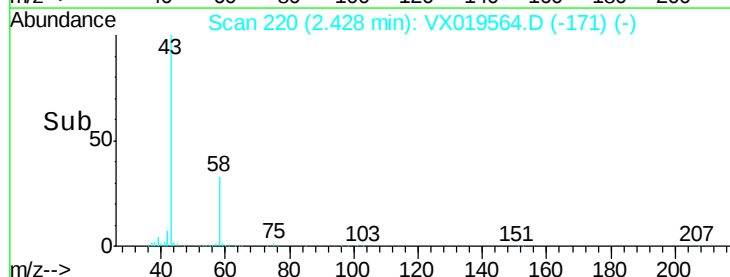
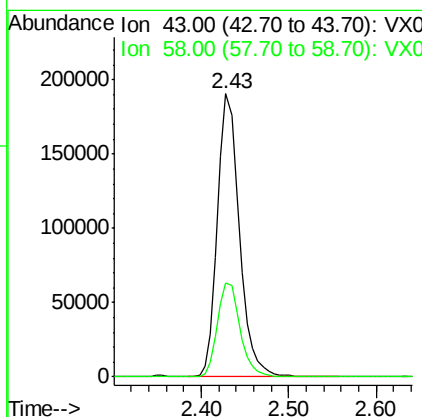
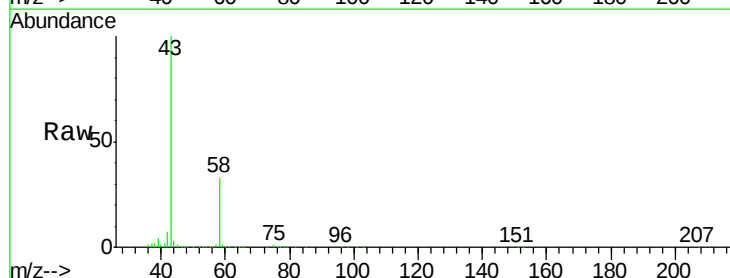
RT: 2.43 min Scan# 220

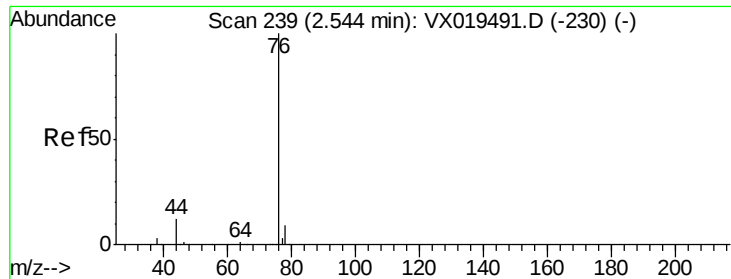
Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion:	43	Resp:	331123
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.4	41.2





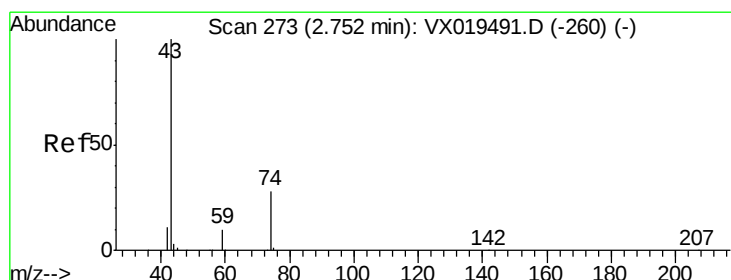
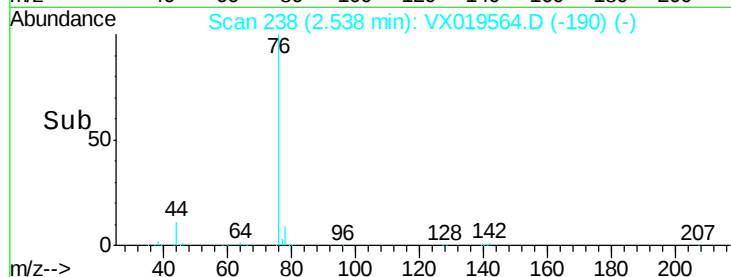
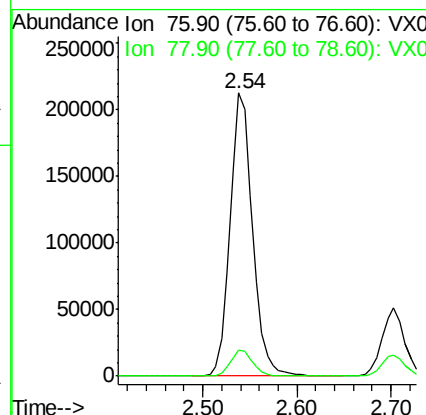
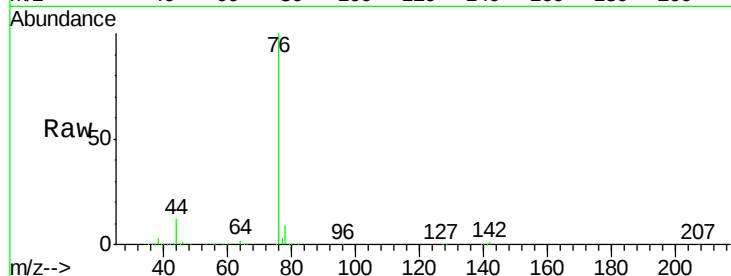
#17
Carbon Disulfide
Concen: 45.484 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

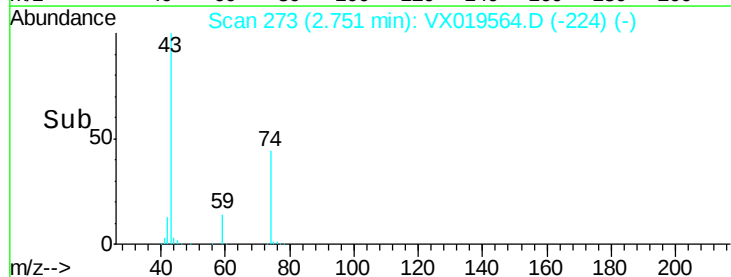
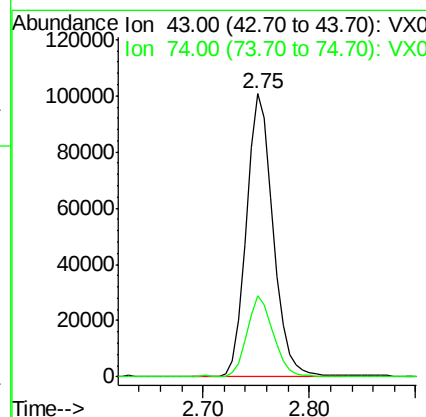
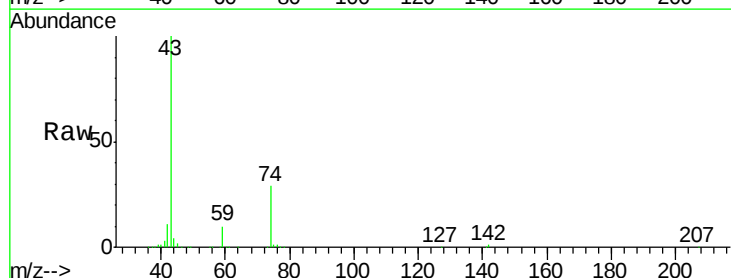
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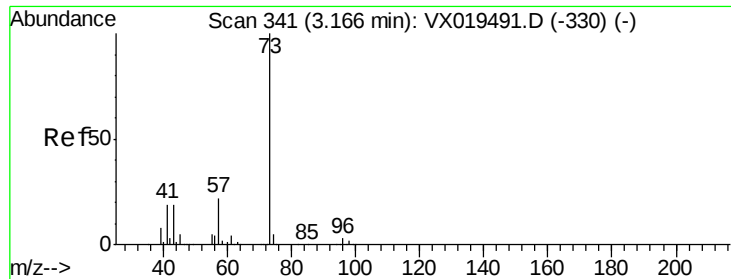
MMDadoda
11/24/2020 3:00:01 PM



#18
Methyl Acetate
Concen: 49.855 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	22.2	33.4





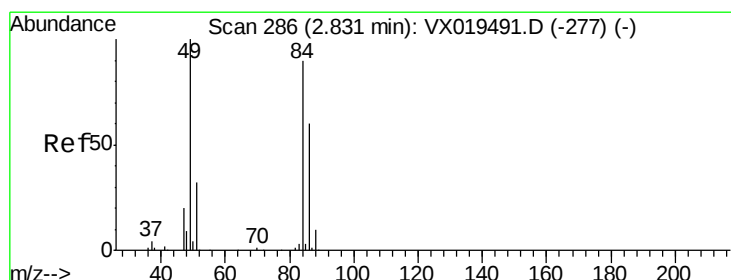
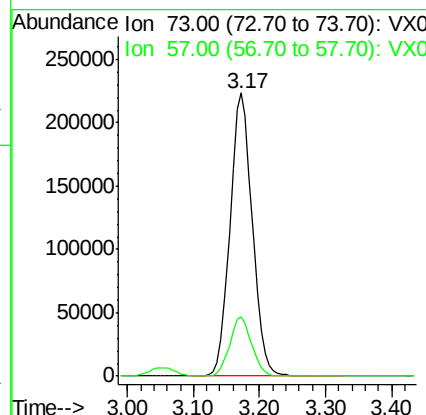
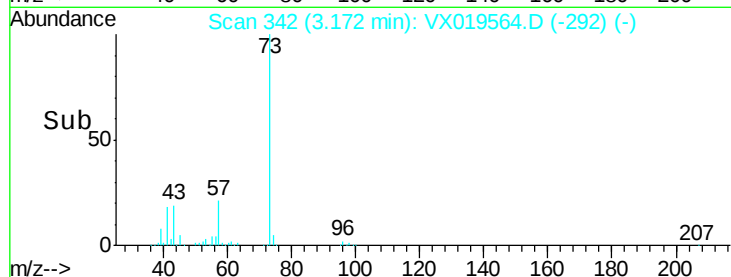
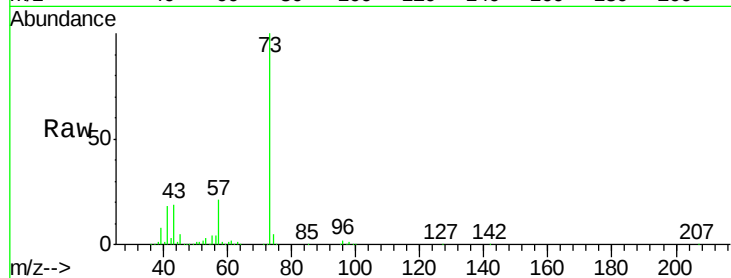
#19
Methvl tert-butvl Ether
Concen: 52.405 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.3	25.9

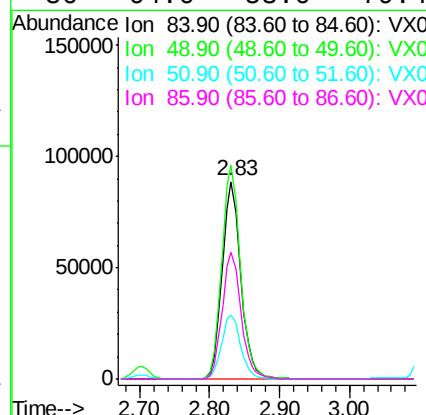
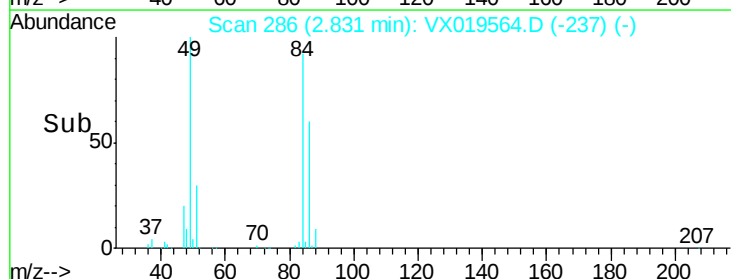
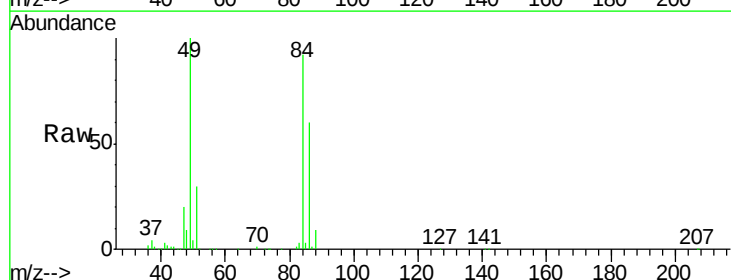
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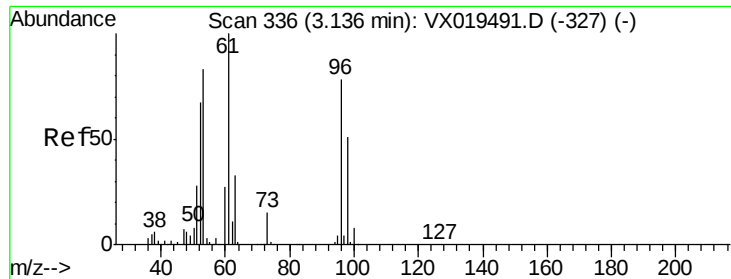
MMDadoda
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#20
Methylene Chloride
Concen: 45.329 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.3	88.5	132.7
51	32.7	28.0	42.0
86	64.6	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 49.685 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

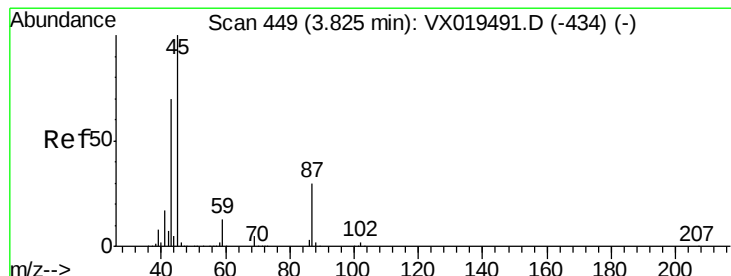
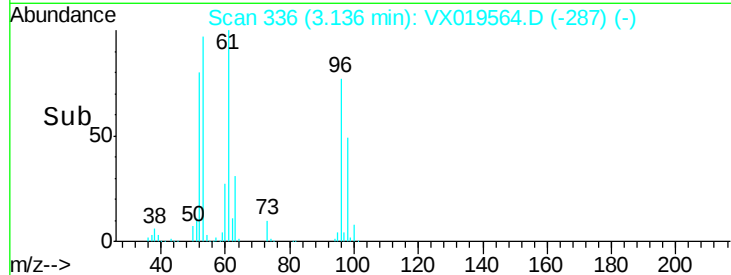
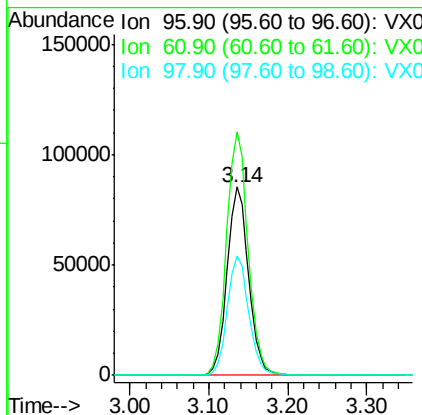
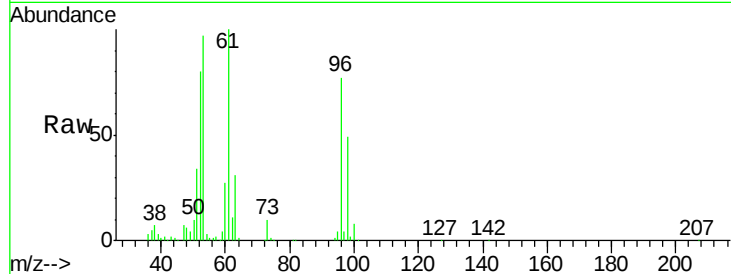
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	161663
Ion	Ratio	Lower	Upper
96	100		
61	129.3	102.9	154.3
98	63.5	52.1	78.1

Manual Integrations
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11/24/2020 3:00:01 PM



#22

Diisopropyl ether

Concen: 49.638 ug/l

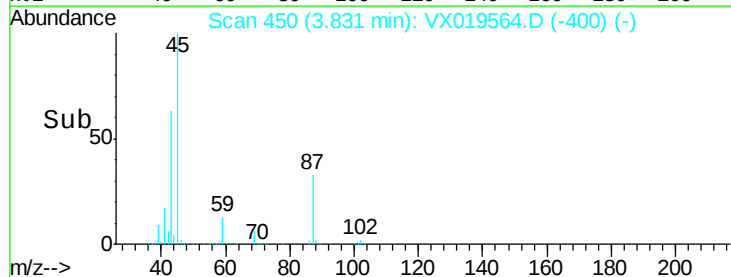
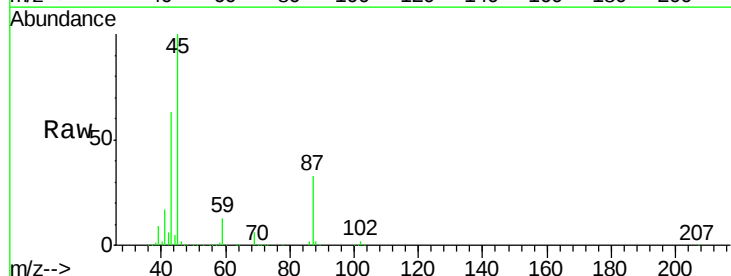
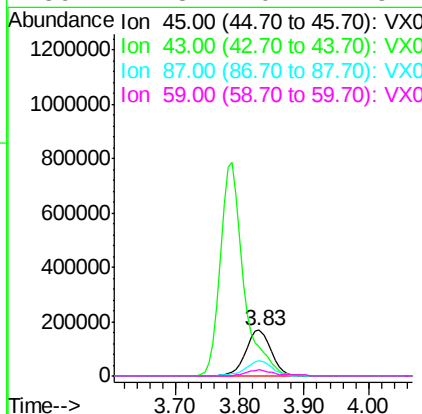
RT: 3.83 min Scan# 450

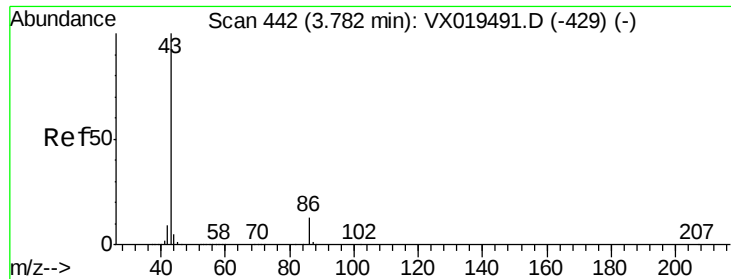
Delta R.T. 0.01 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion:	45	Resp:	461971
Ion	Ratio	Lower	Upper
45	100		
43	63.2	56.1	84.1
87	32.8	24.2	36.2
59	12.8	10.2	15.2





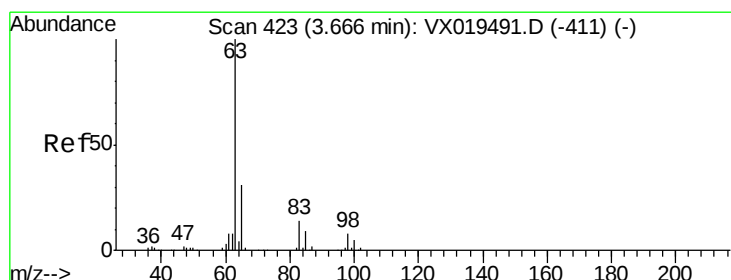
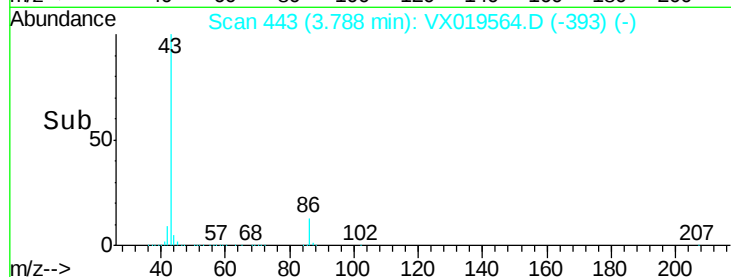
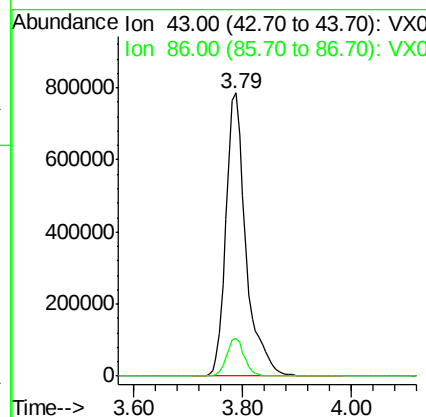
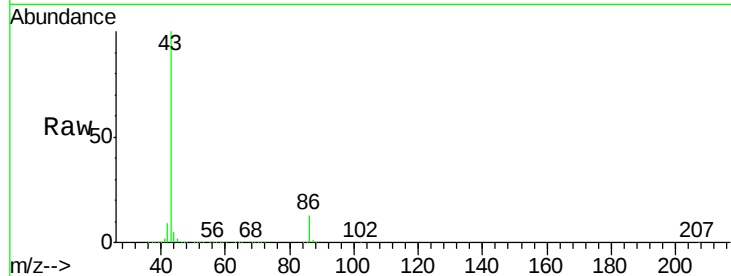
#23
 Vinyl Acetate
 Concen: 256.896 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2005451
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.2 15.2

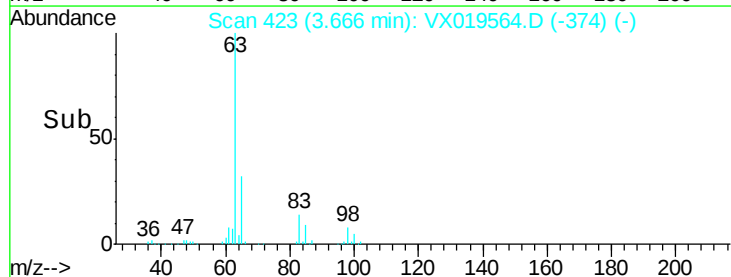
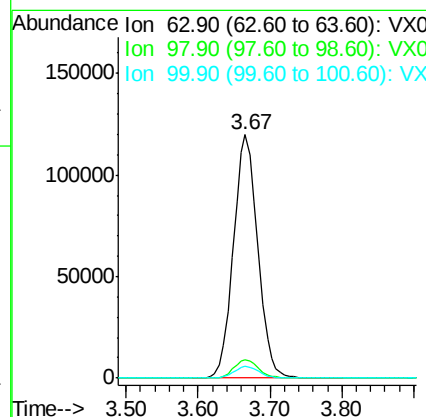
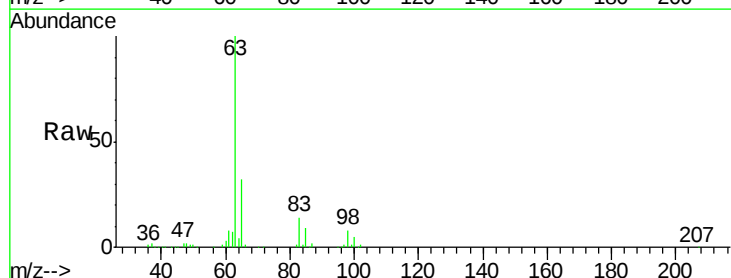
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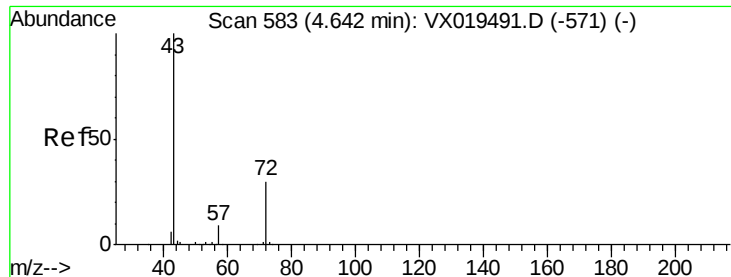
MMDadoda
 11/24/2020 3:00:01 PM



#24
 1,1-Dichloroethane
 Concen: 49.490 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion: 63 Resp: 281724
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 243.134 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 529741

Ion Ratio Lower Upper

43 100

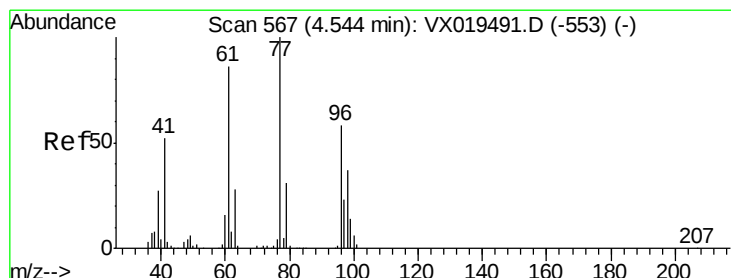
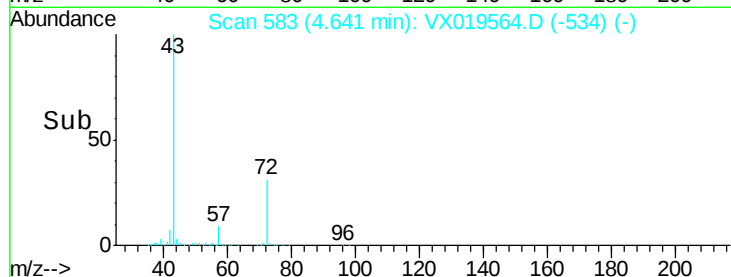
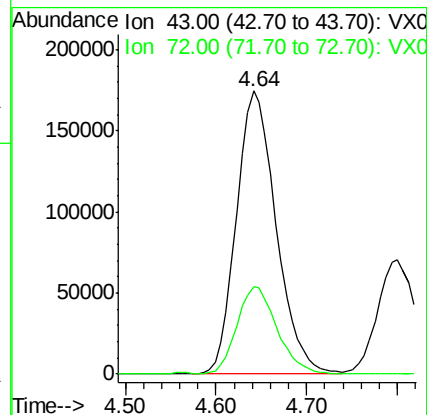
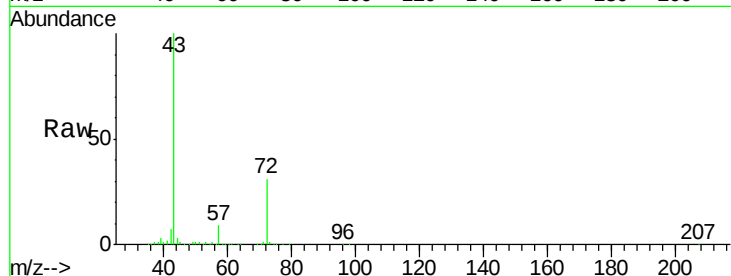
72 30.9 24.0 36.0

Manual Integrations

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11/24/2020 3:00:01 PM



#26

2,2-Dichloropropane

Concen: 44.746 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019564.D

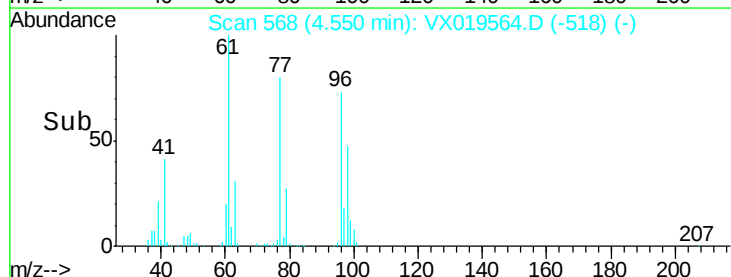
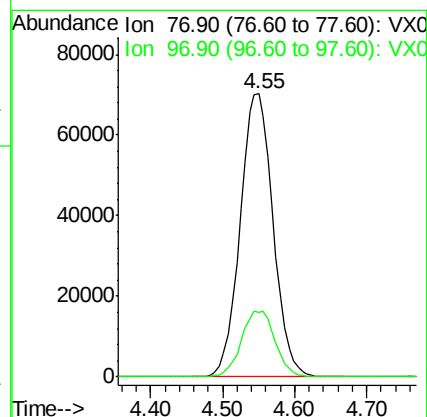
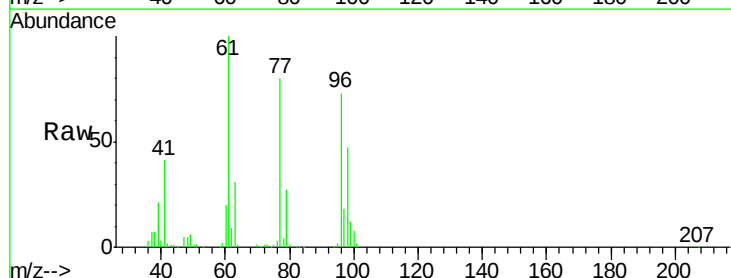
Acq: 23 Nov 2020 20:33

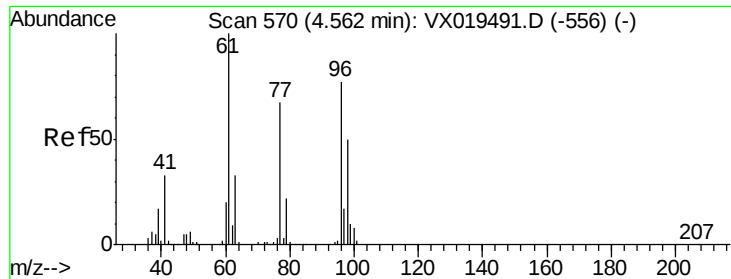
Tgt Ion: 77 Resp: 222335

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

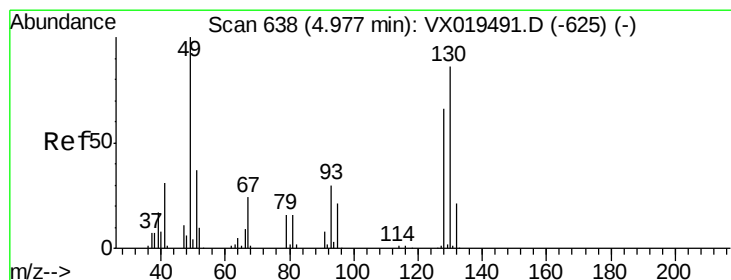
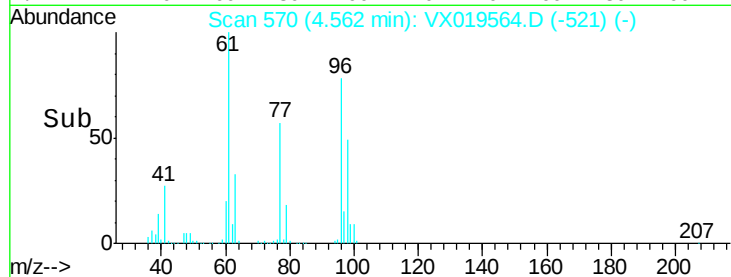
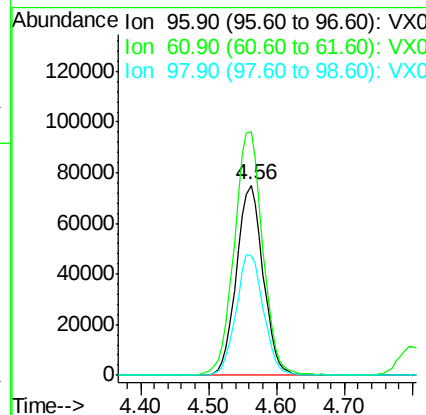
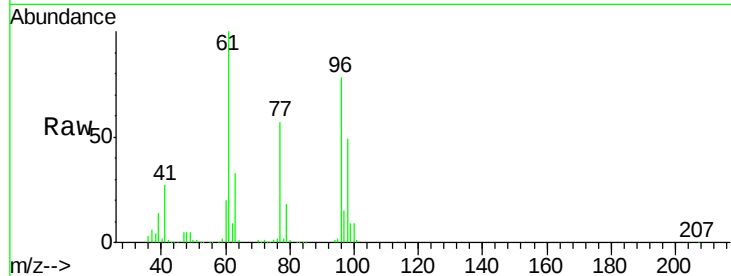
cis-1,2-Dichloroethene
Concen: 54.880 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	205117		
61	136.6	0.0	279.2	
98	65.1	0.0	129.8	

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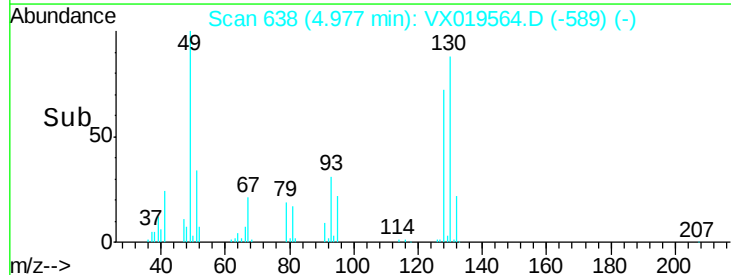
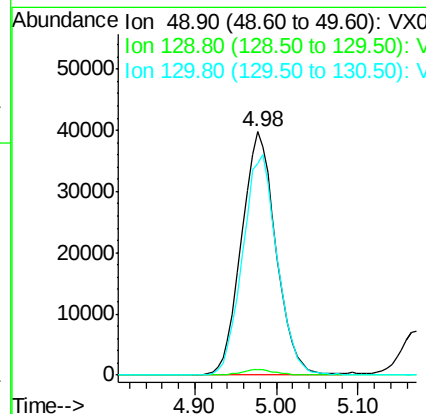
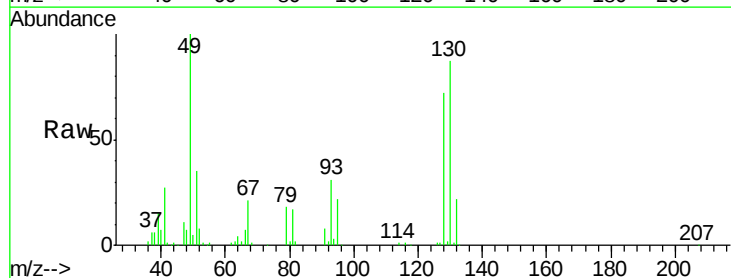
MMDadoda
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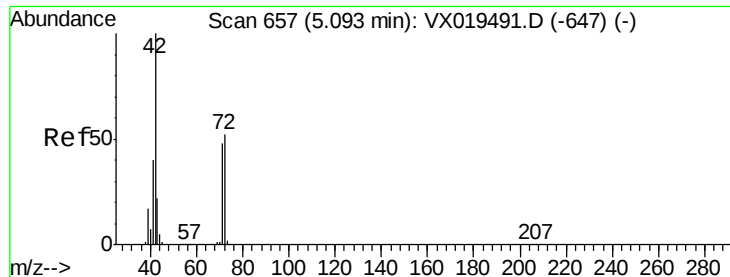


#28

Bromochloromethane
Concen: 42.871 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116678		
129	2.2	0.0	4.2	
130	91.4	69.0	103.6	





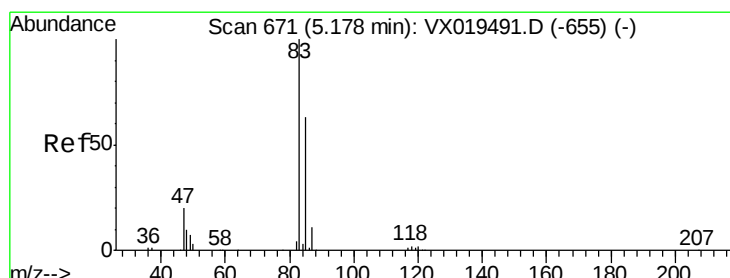
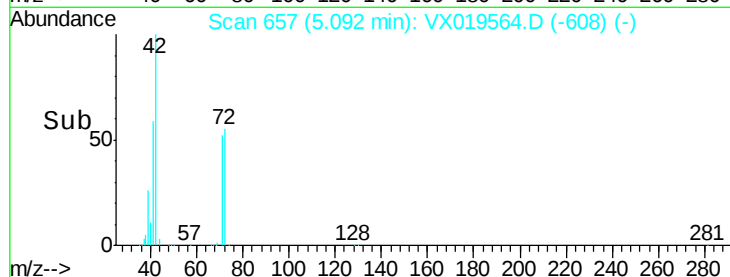
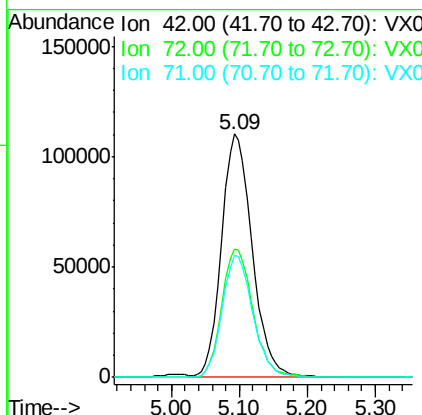
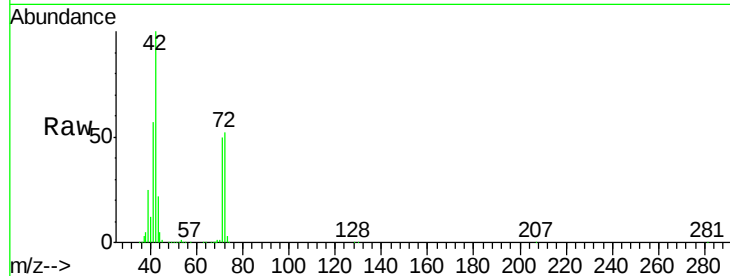
#29
Tetrahydrofuran
Concen: 246.801 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	343097
Ion	Ratio	Lower	Upper
42	100		
72	54.2	42.6	63.8
71	50.4	39.0	58.6

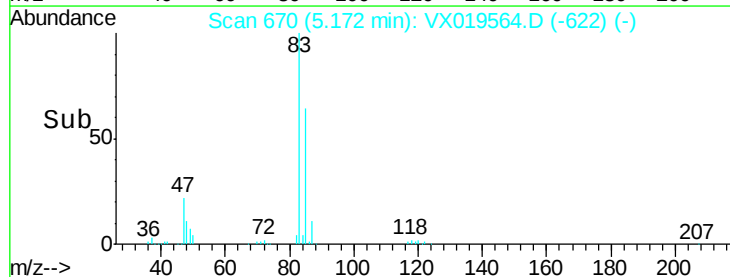
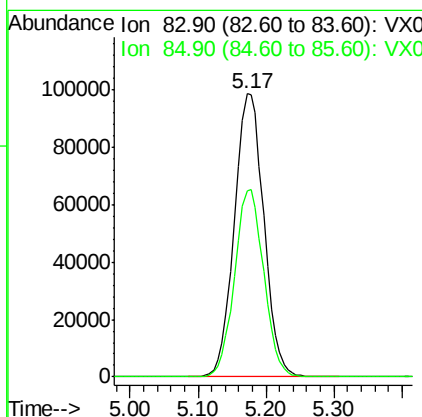
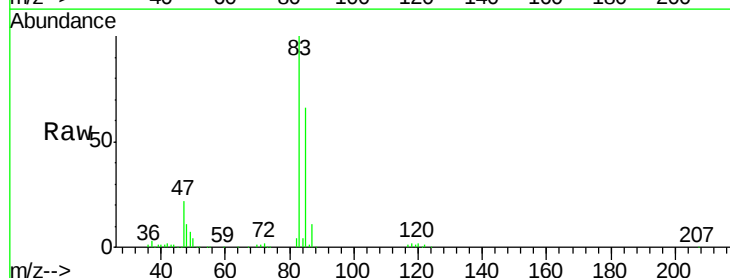
Manual Integrations
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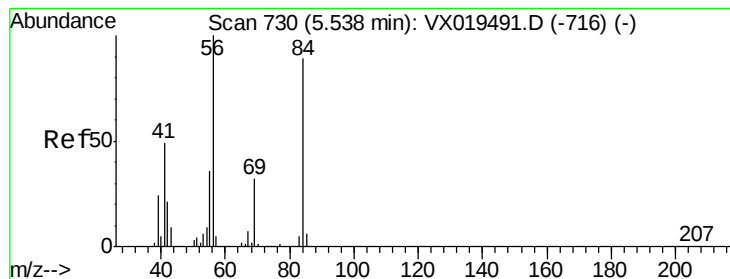
MMDadoda
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#30
Chloroform
Concen: 49.966 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion:	83	Resp:	297419
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.5	75.7





#31

Cvclohexane

Concen: 48.085 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

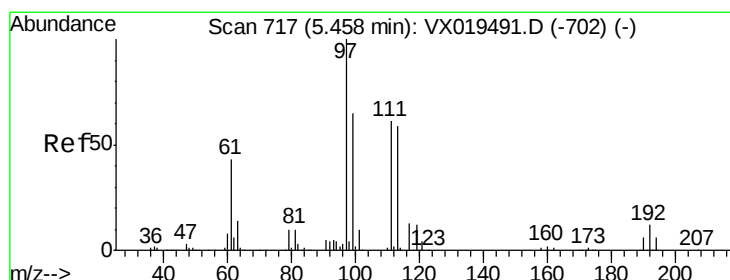
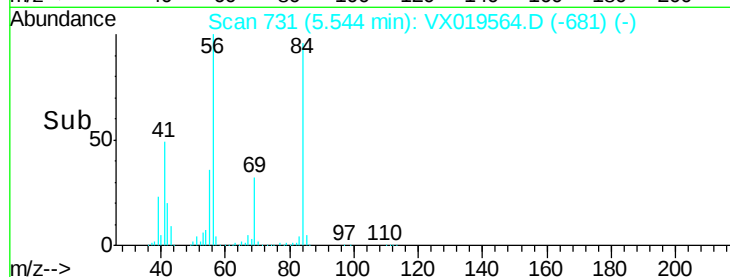
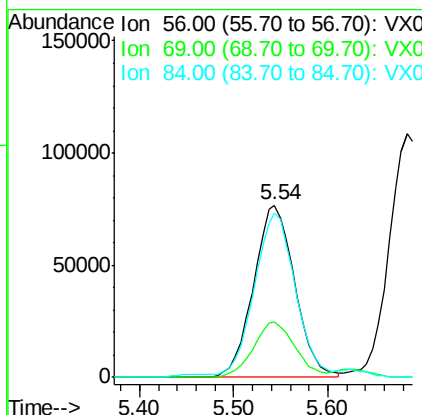
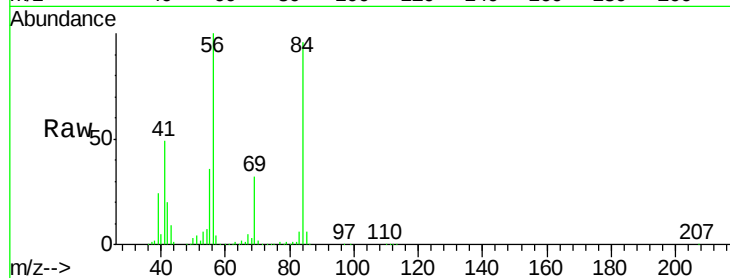
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.5	38.3
84	93.8	71.1	106.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.546 ug/l

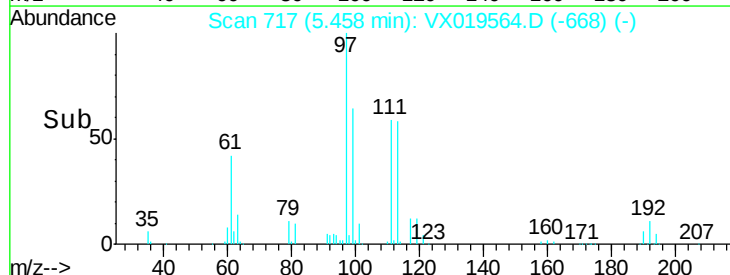
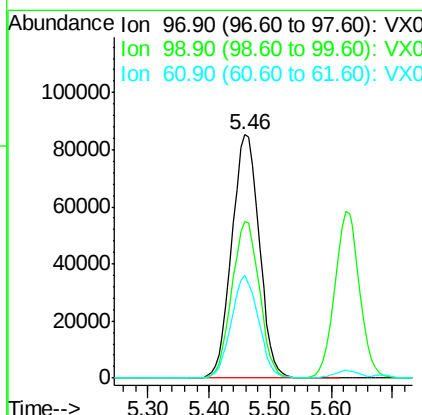
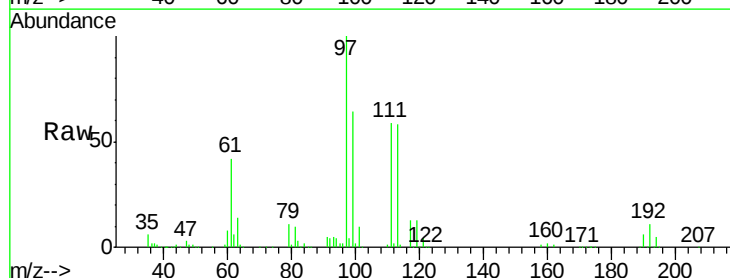
RT: 5.46 min Scan# 717

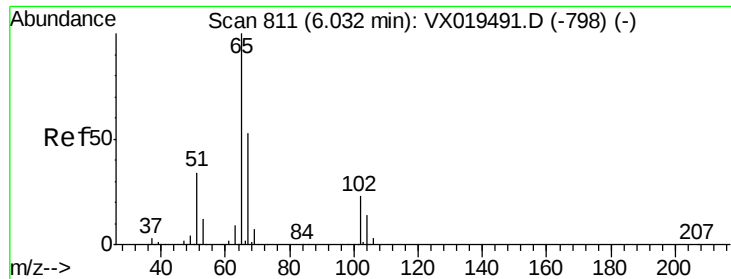
Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	41.8	34.2	51.2





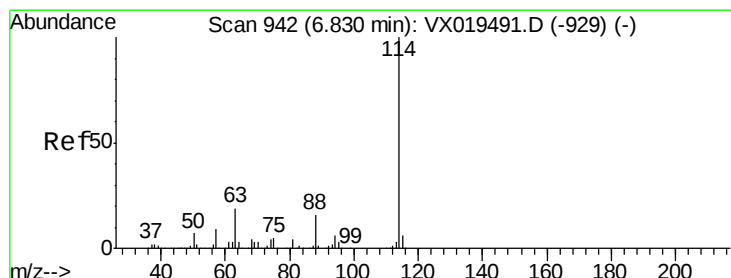
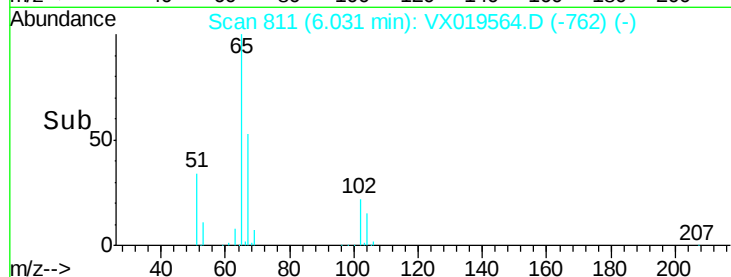
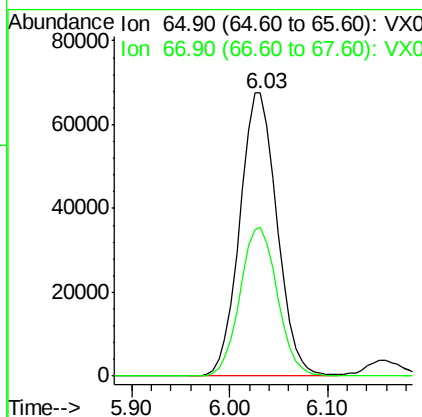
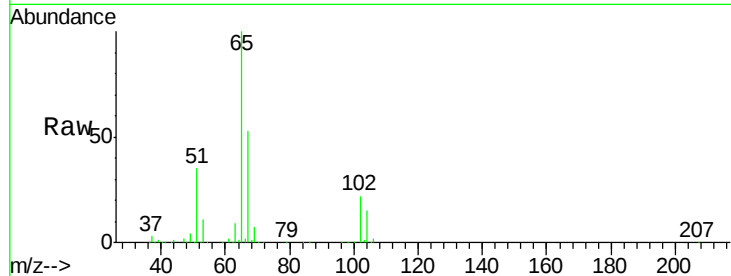
#33
 1,2-Dichloroethane-d4
 Concen: 47.907 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179679		
67	52.8	0.0	105.0	

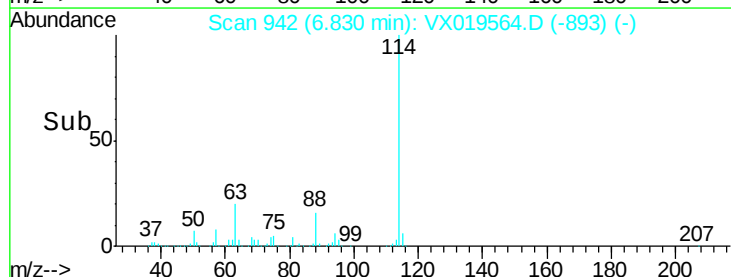
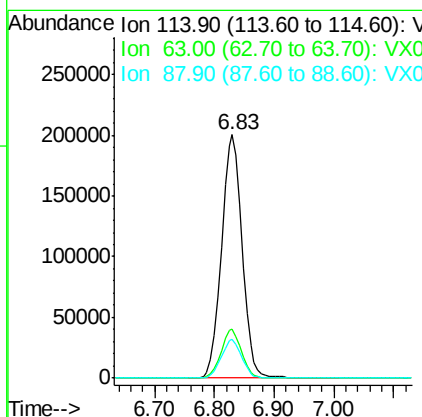
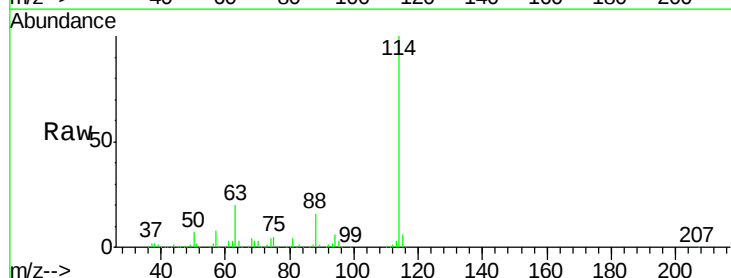
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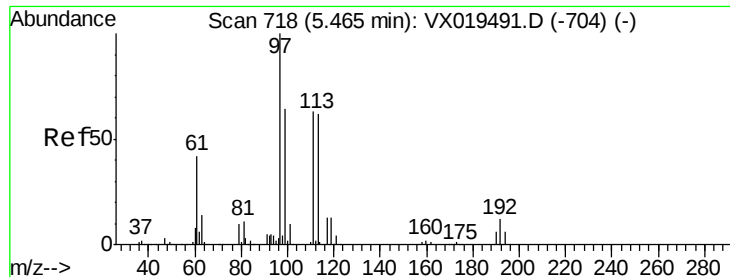
MMDadoda
 11/24/2020 3:00:01 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	482000		
63	19.9	0.0	38.8	
88	16.0	0.0	31.6	





#35

Dibromofluoromethane

Concen: 49.283 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

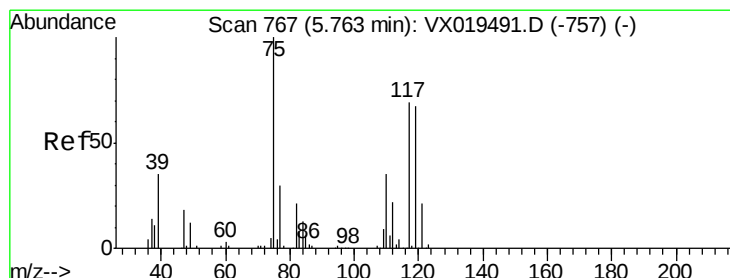
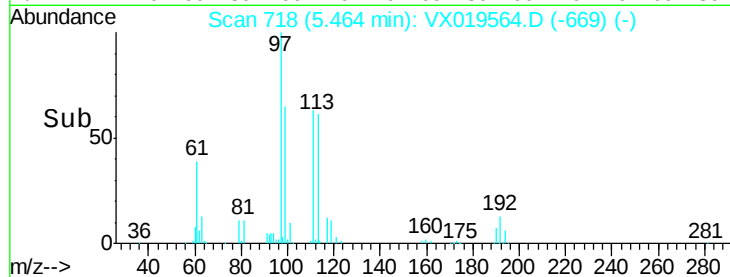
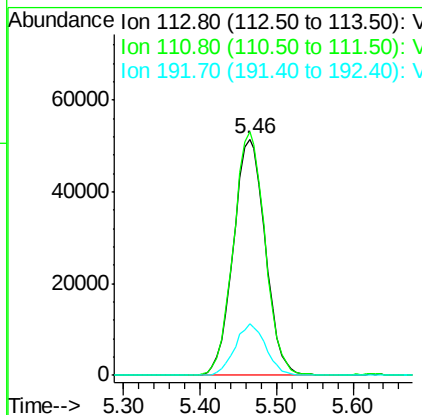
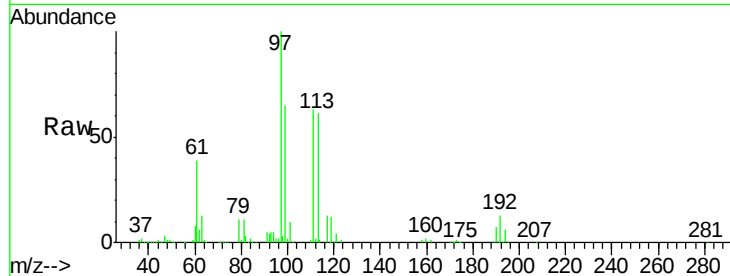
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	149106
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.5	122.3
192	20.9	16.2	24.2

Manual Integrations
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11/24/2020 3:00:01 PM



#36

1,1-Dichloropropene

Concen: 48.221 ug/l

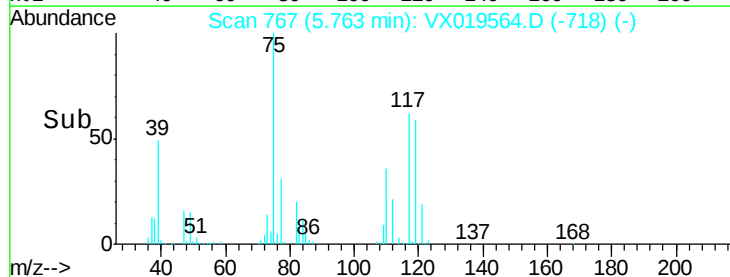
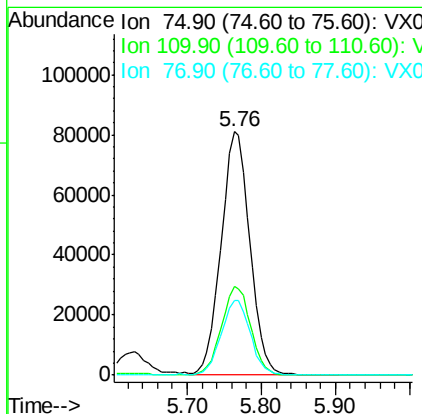
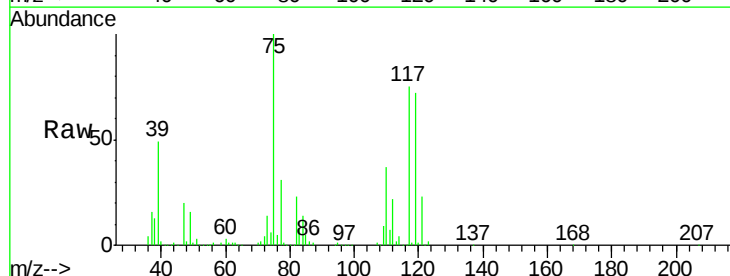
RT: 5.76 min Scan# 767

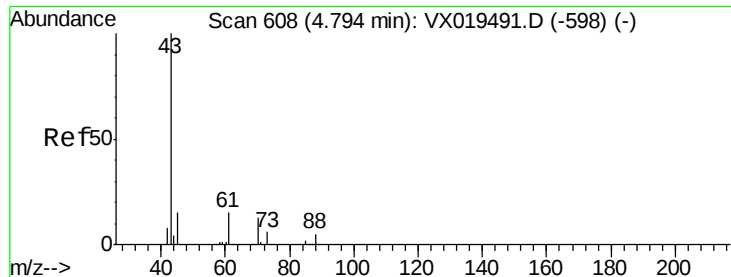
Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion:	75	Resp:	217899
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.3
77	31.3	24.2	36.4





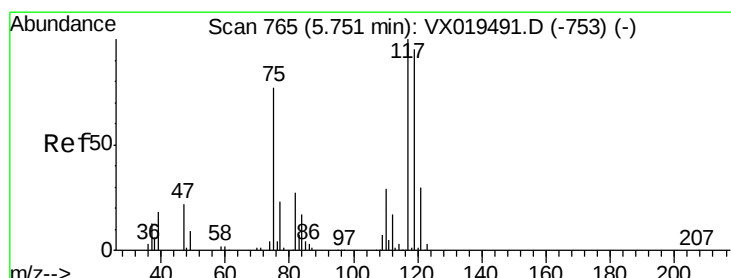
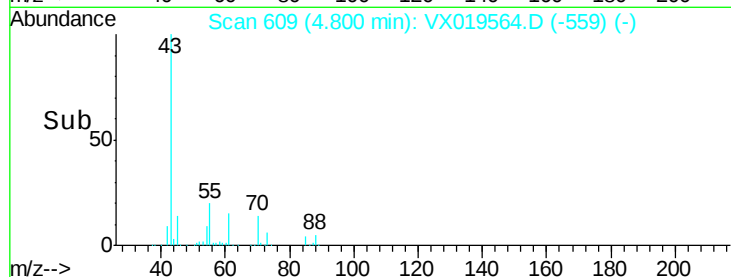
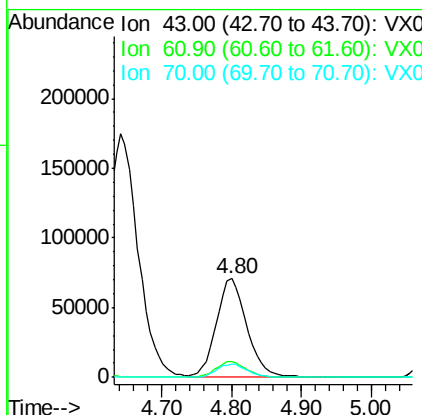
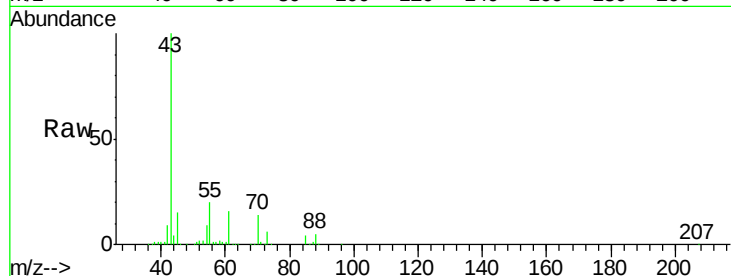
#37
Ethyl Acetate
Concen: 50.077 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.7	19.1
70	13.4	10.2	15.2

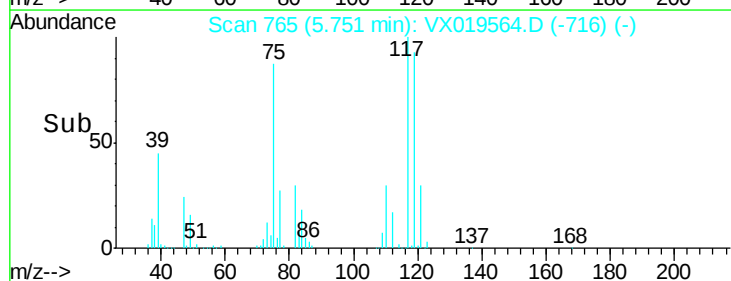
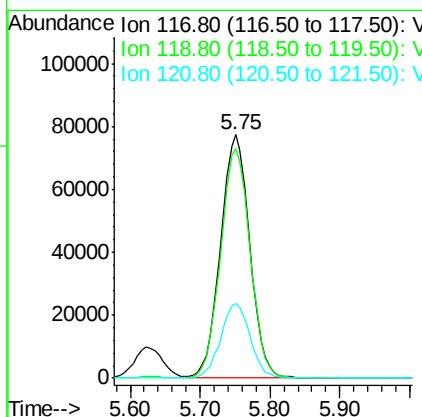
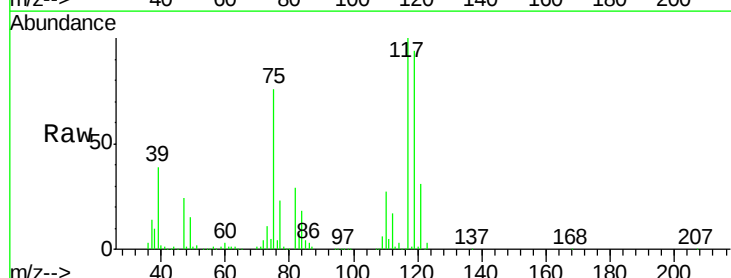
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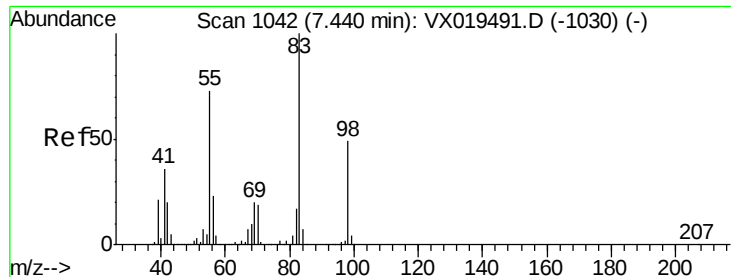
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#38
Carbon Tetrachloride
Concen: 51.253 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.9	113.9
121	30.5	24.0	36.0





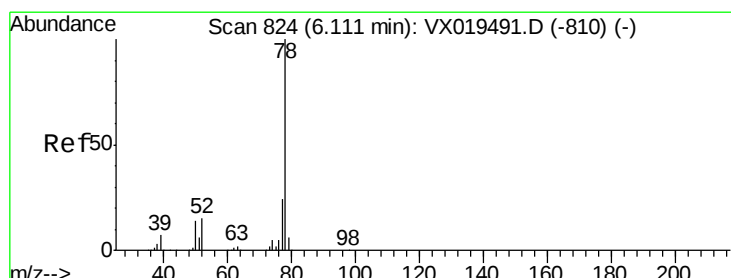
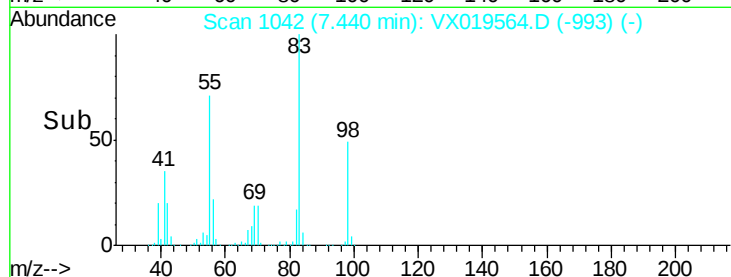
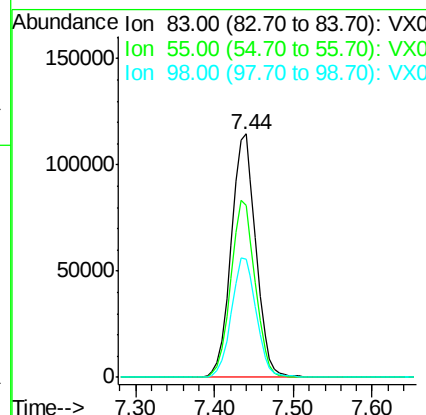
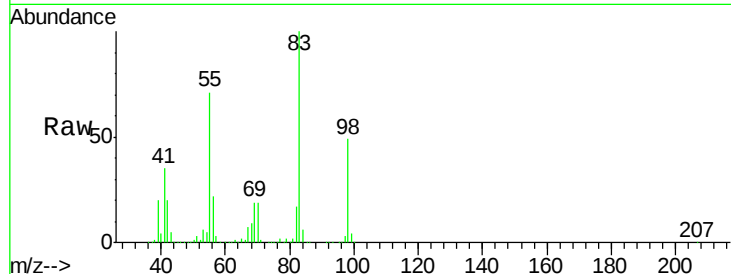
#39
Methvlcvclohexane
Concen: 47.461 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	58.3	87.5
98	48.8	38.9	58.3

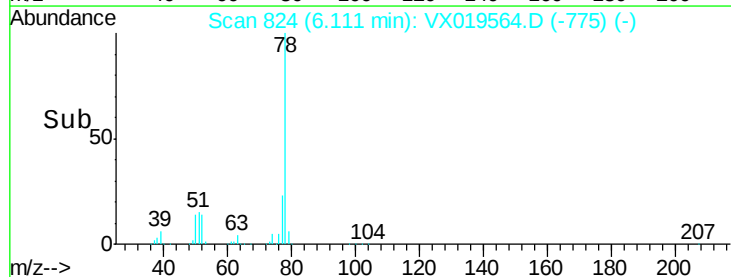
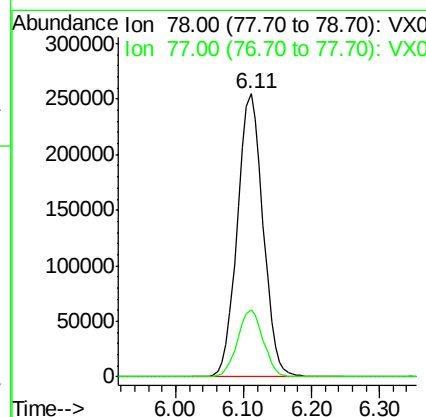
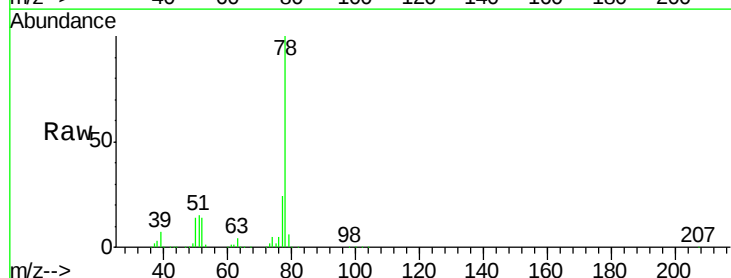
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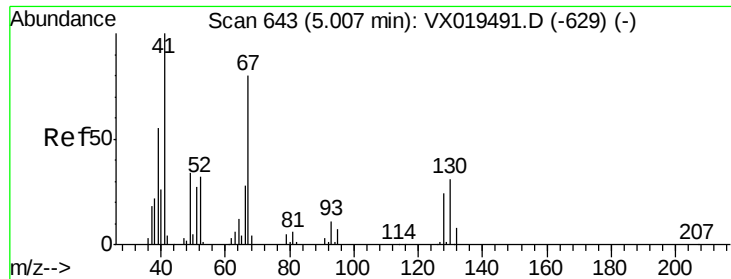
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#40
Benzene
Concen: 48.169 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





#41

Methacrylonitrile

Concen: 48.081 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 112478

Ion Ratio Lower Upper

41 100

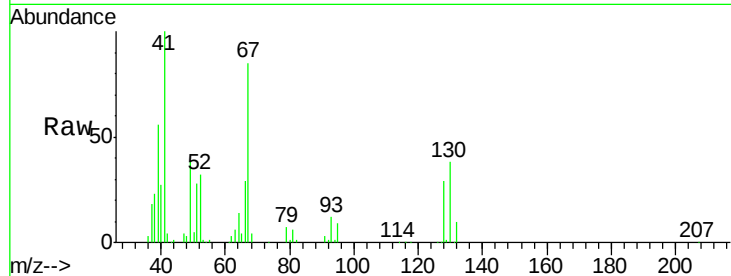
39 54.8 43.3 64.9

67 87.6 66.0 99.0

52 33.2 25.4 38.2

Manual Integrations
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11/24/2020 3:00:01 PM



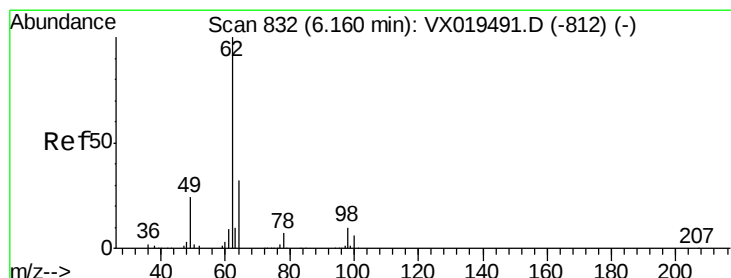
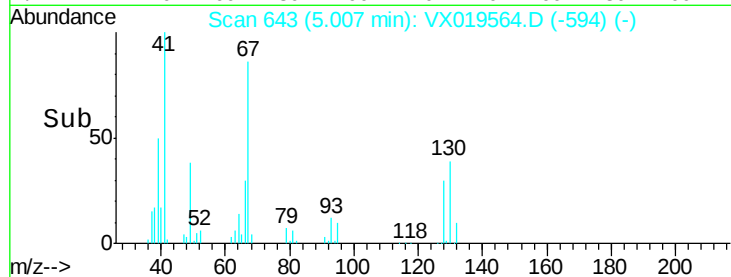
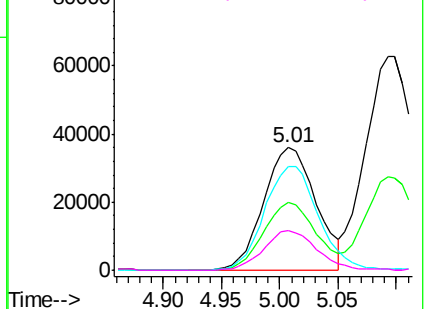
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.896 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019564.D

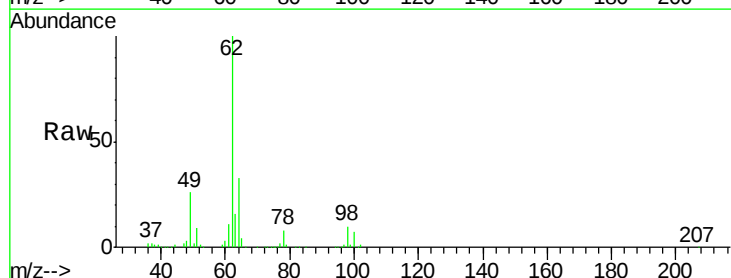
Acq: 23 Nov 2020 20:33

Tgt Ion: 62 Resp: 232685

Ion Ratio Lower Upper

62 100

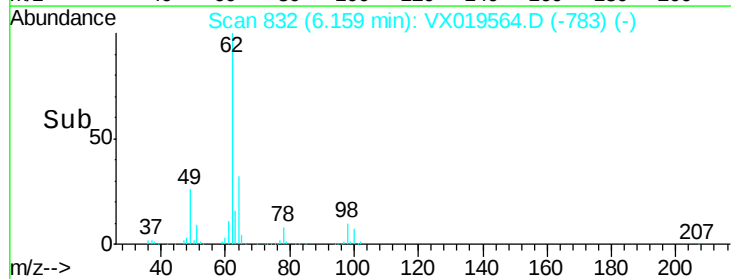
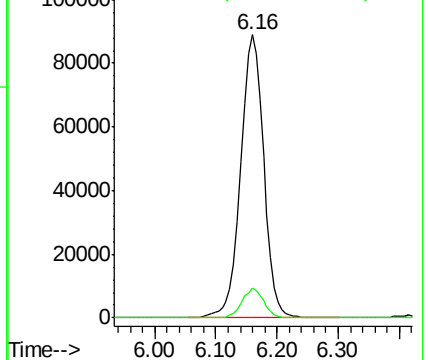
98 9.9 0.0 20.0

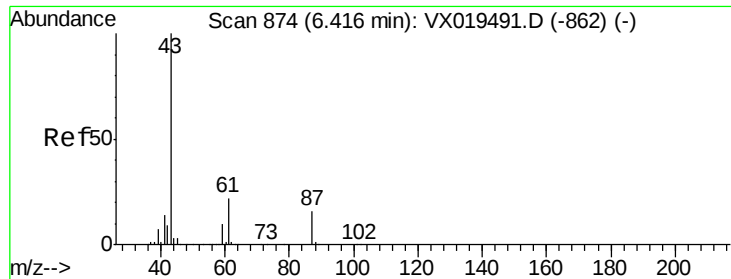


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





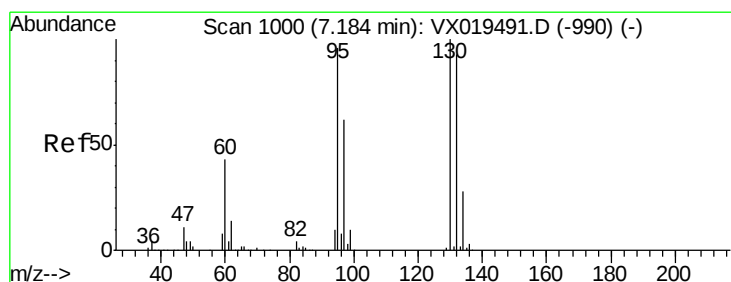
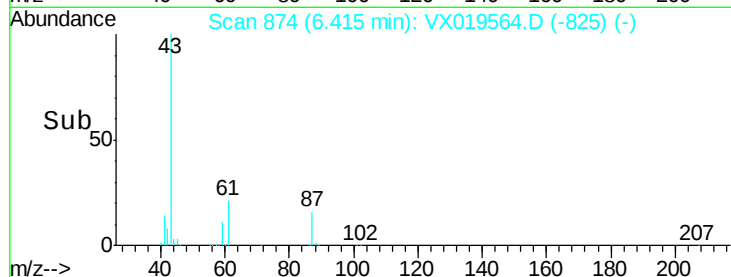
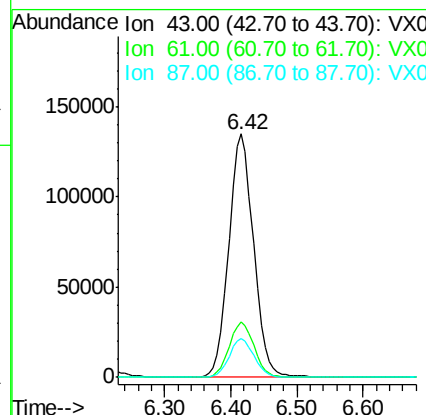
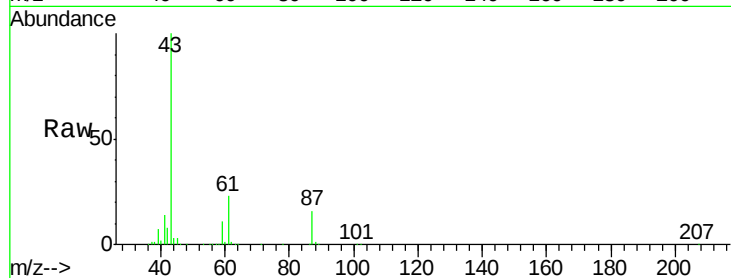
#43
Isopropyl Acetate
Concen: 48.877 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	16.0	12.6	18.8

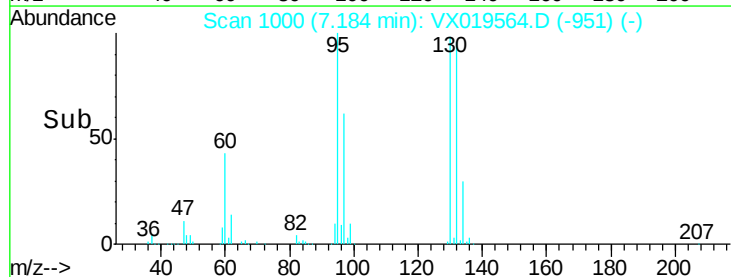
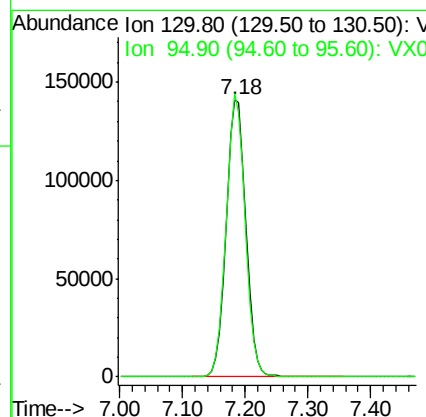
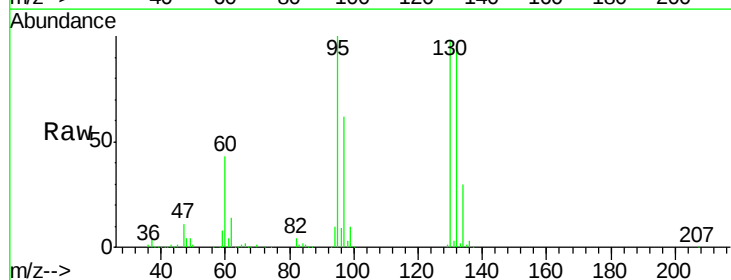
Manual Integrations
APPROVED

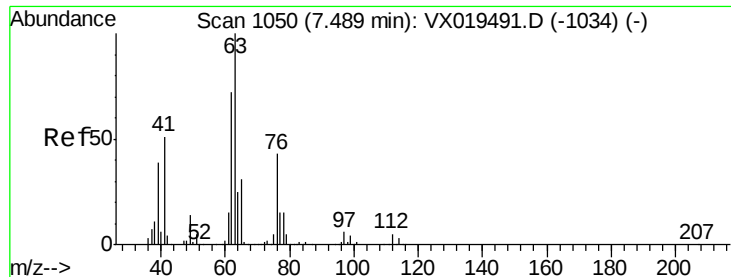
MMDadoda
11/24/2020 3:00:01 PM



#44
Trichloroethene
Concen: 84.397 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 48.029 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 164161

Ion Ratio Lower Upper

63 100

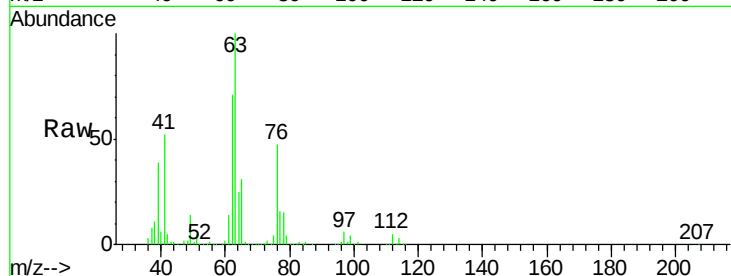
65 31.3 25.0 37.4

Manual Integrations

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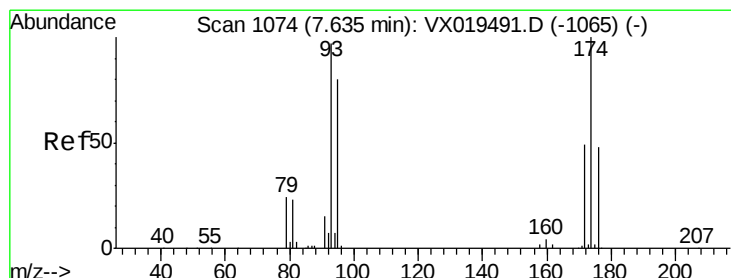
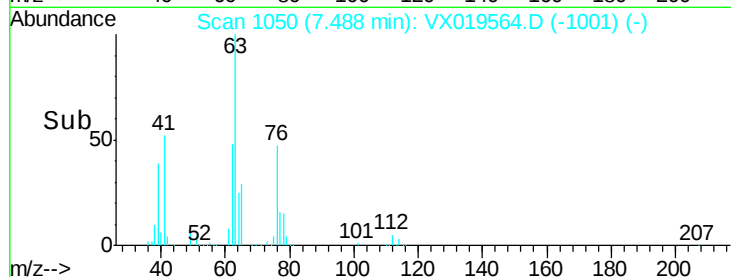
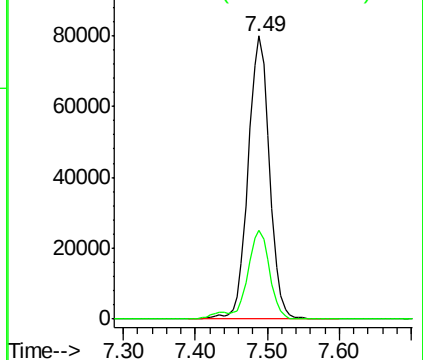
MMDadoda

11/24/2020 3:00:01 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.012 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

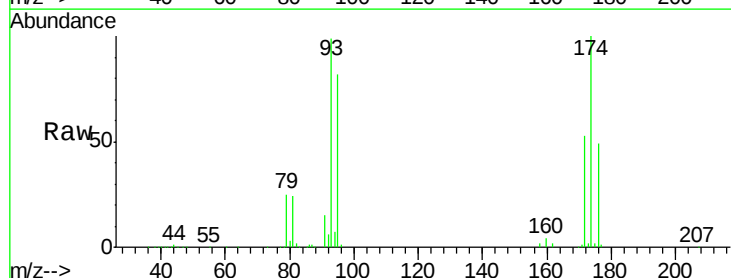
Tgt Ion: 93 Resp: 114656

Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

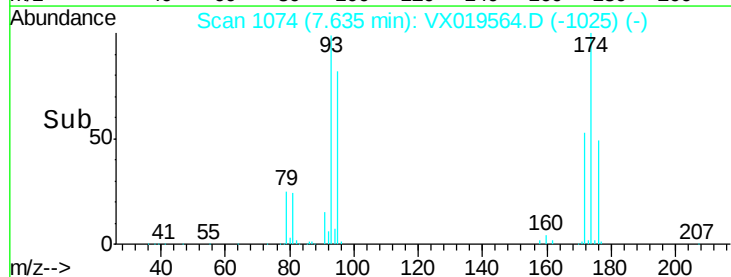
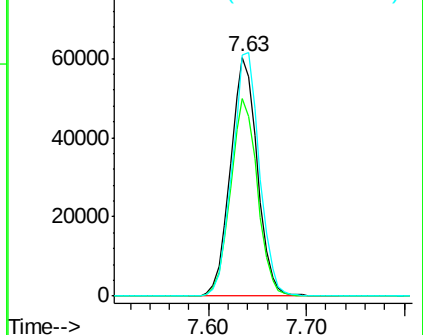
174 103.5 83.0 124.4

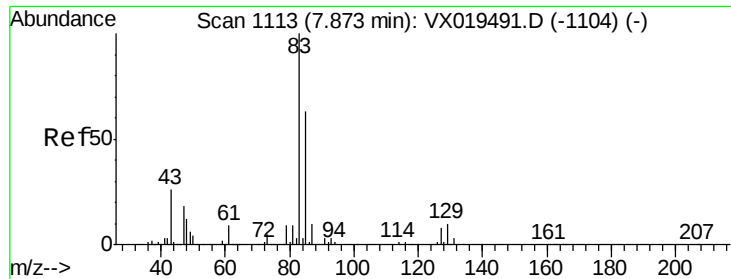


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.234 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

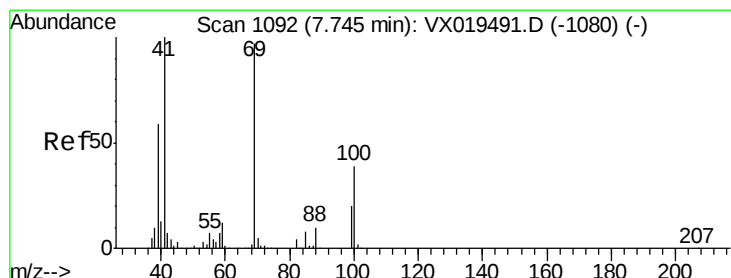
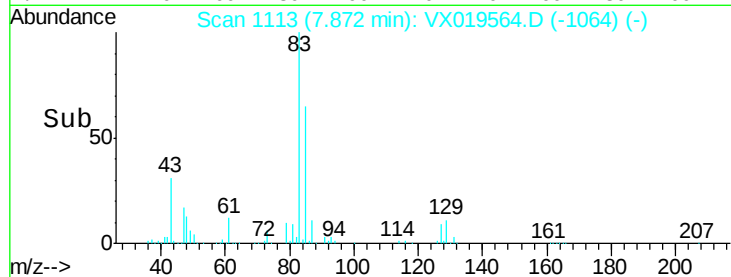
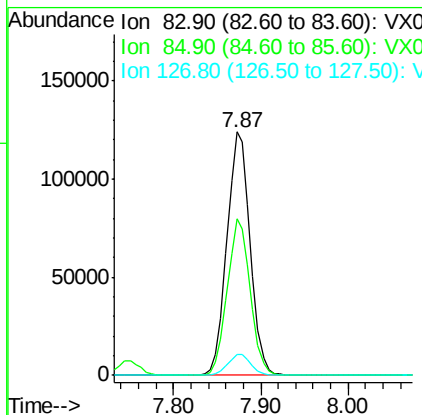
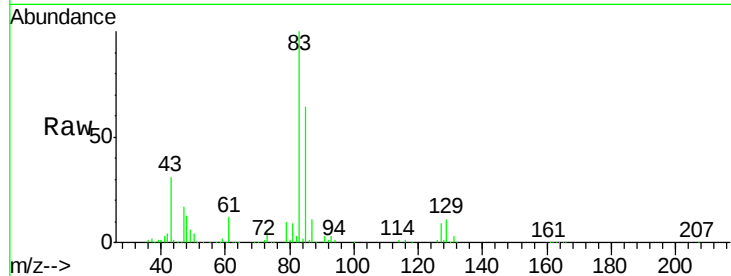
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	228032
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.2	75.2
127	8.6	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.185 ug/l

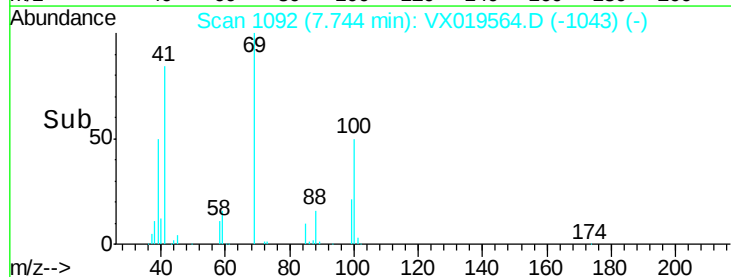
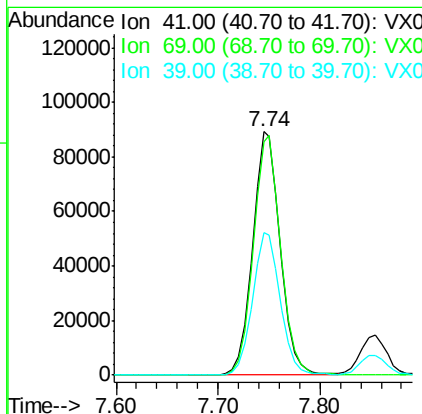
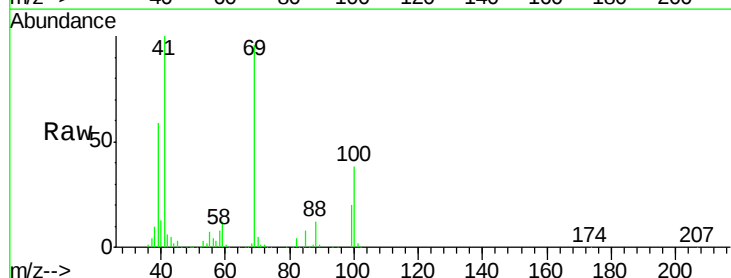
RT: 7.74 min Scan# 1092

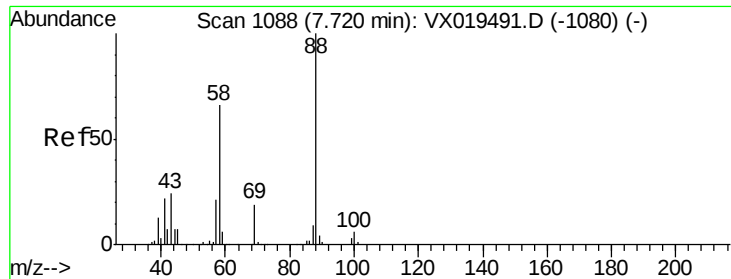
Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion:	41	Resp:	167603
Ion	Ratio	Lower	Upper
41	100		
69	98.0	77.0	115.6
39	58.9	45.6	68.4





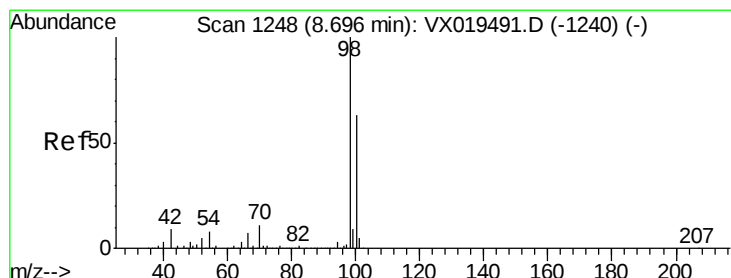
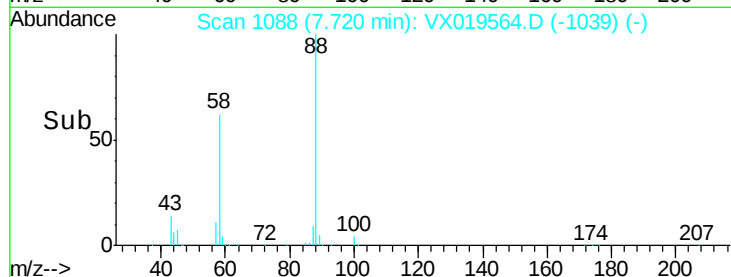
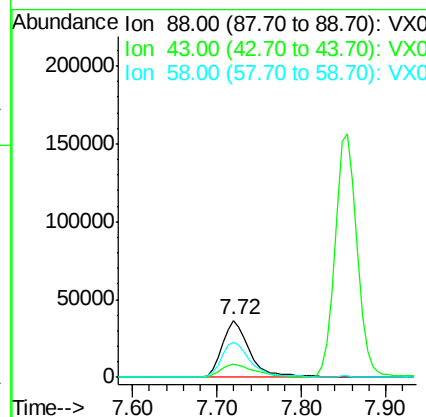
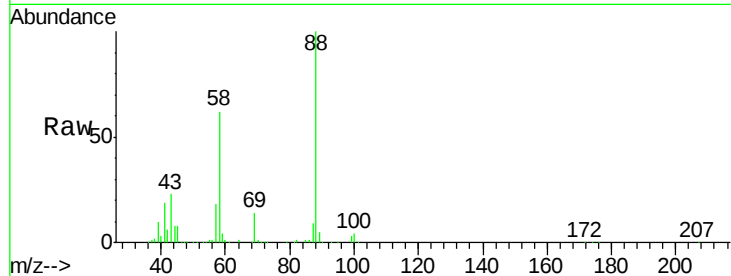
#49
1,4-Dioxane
Concen: 1083.362 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.8	35.6
58	65.4	54.2	81.2

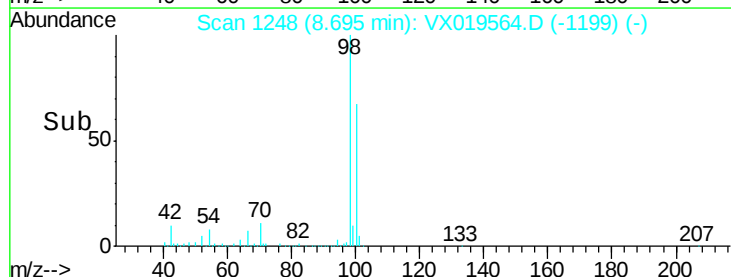
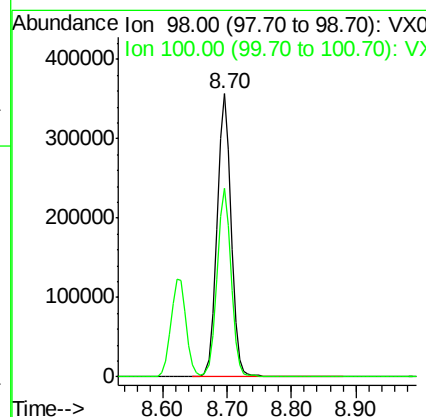
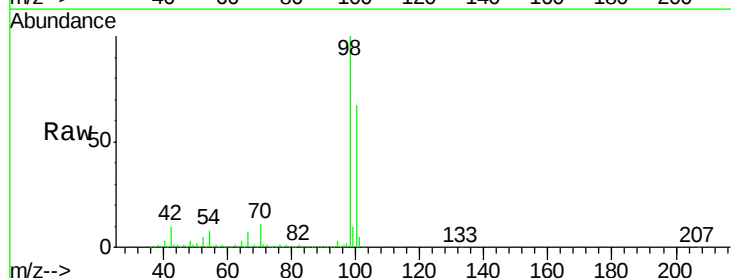
Manual Integrations
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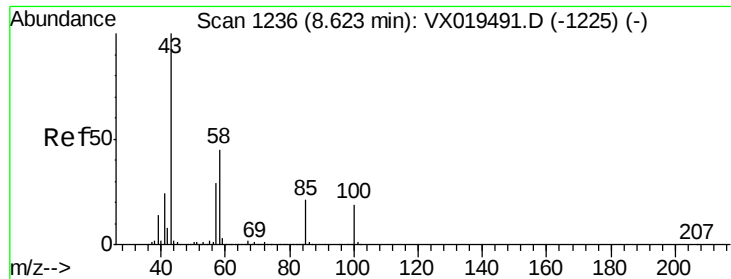
MMDadoda
11/24/2020 3:00:01 PM



#50
Toluene-d8
Concen: 46.970 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.4	78.6





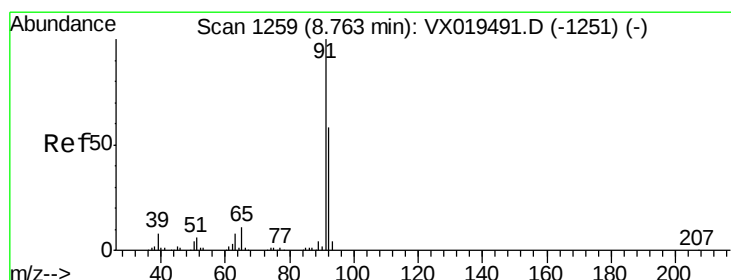
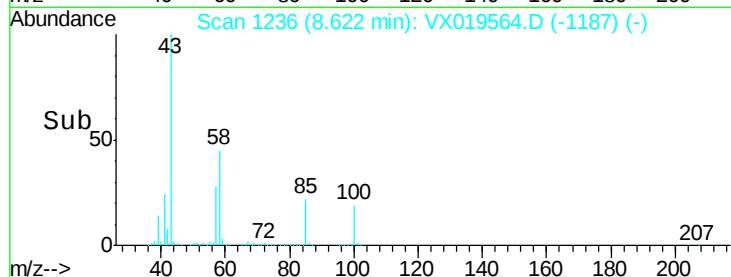
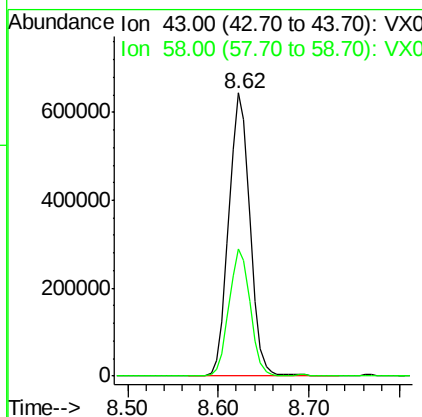
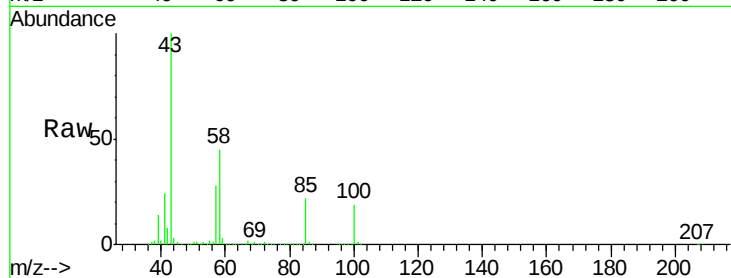
#51
 4-Methyl-2-Pentanone
 Concen: 251.780 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1046995
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.1 52.7

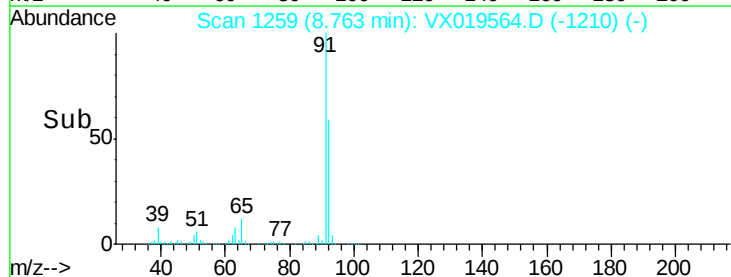
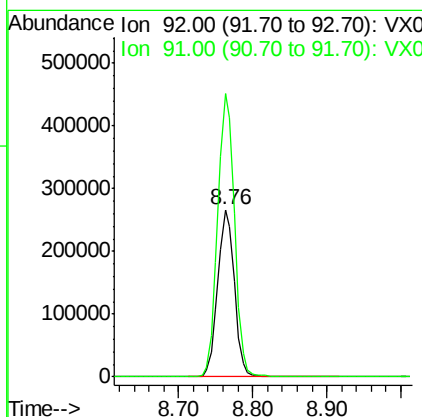
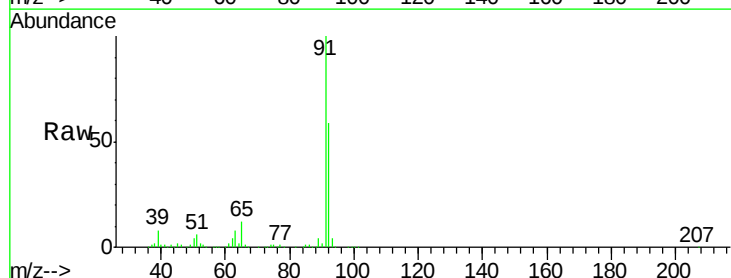
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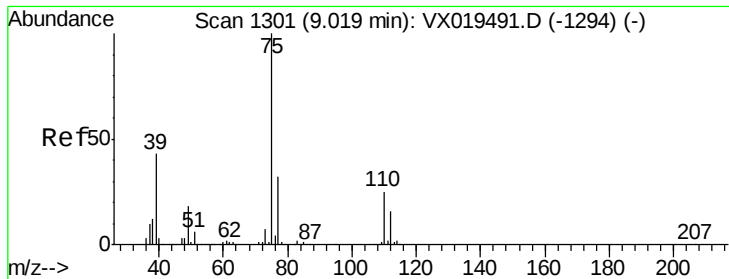
MMDadoda
 11/24/2020 3:00:01 PM



#52
 Toluene
 Concen: 48.303 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion: 92 Resp: 410264
 Ion Ratio Lower Upper
 92 100
 91 171.4 138.1 207.1





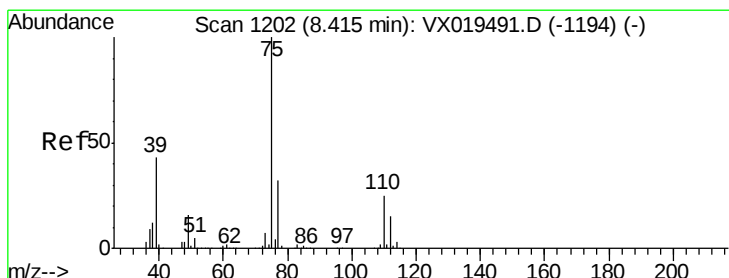
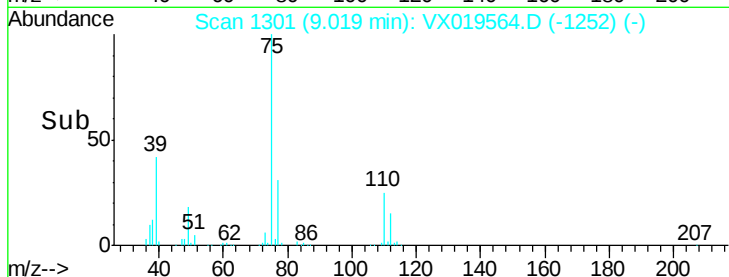
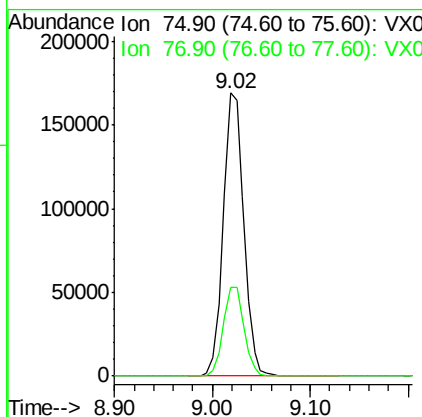
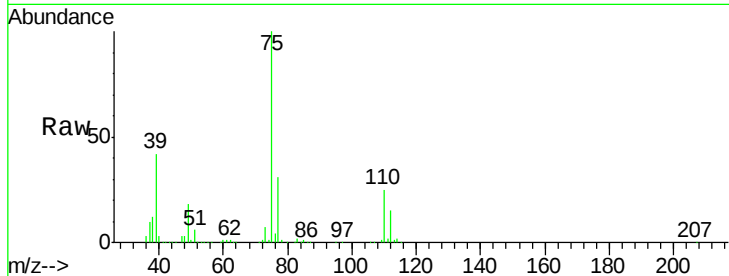
#53
t-1,3-Dichloropropene
Concen: 50.324 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 246710
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9

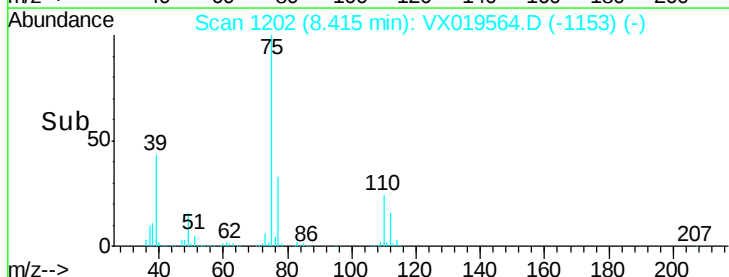
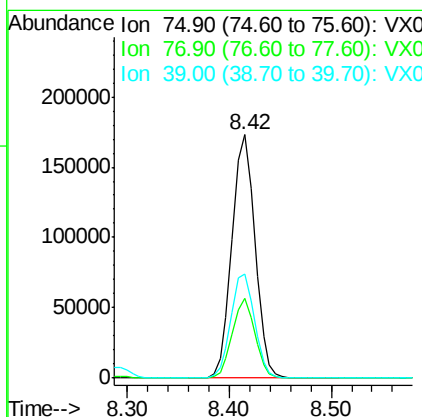
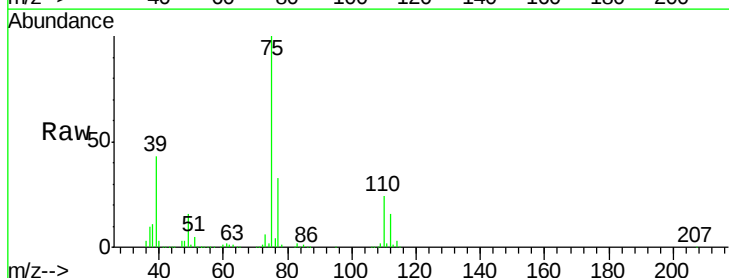
Manual Integrations
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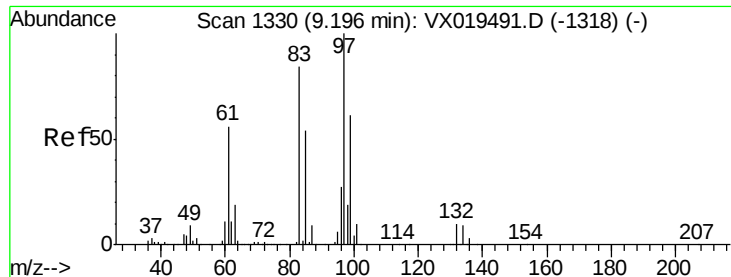
MMDadoda
11/24/2020 3:00:01 PM



#54
cis-1,3-Dichloropropene
Concen: 49.701 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 75 Resp: 270399
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.6
39 42.9 34.6 51.8





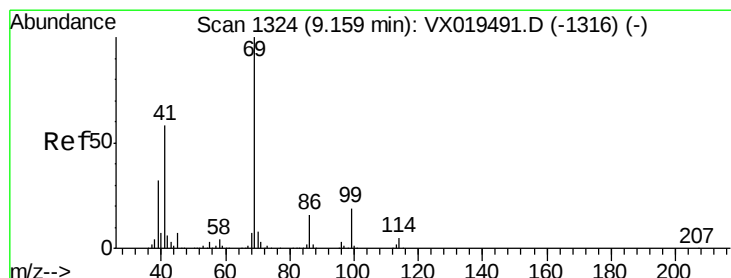
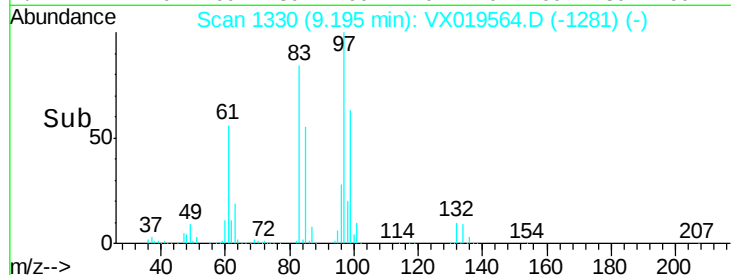
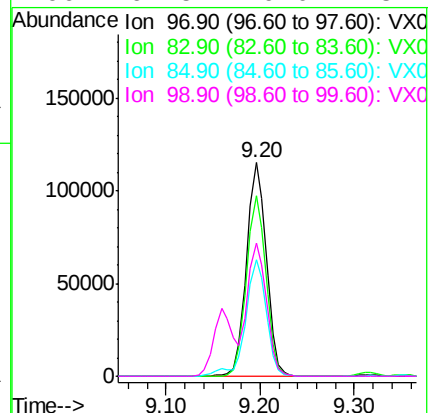
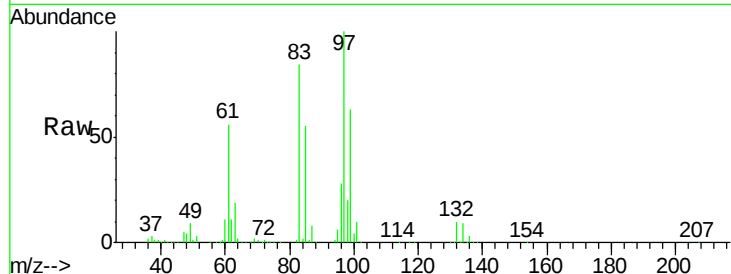
#55
 1,1,2-Trichloroethane
 Concen: 49.055 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	169686
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.6
85	54.7	43.4	65.0
99	62.5	49.0	73.4

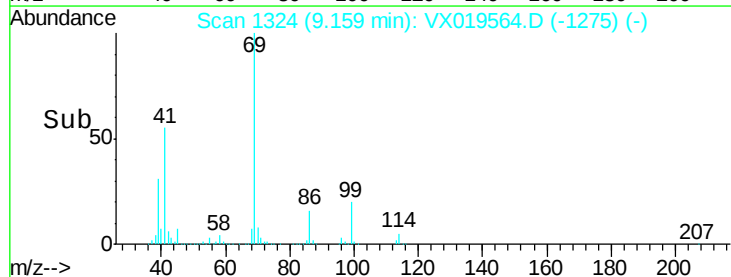
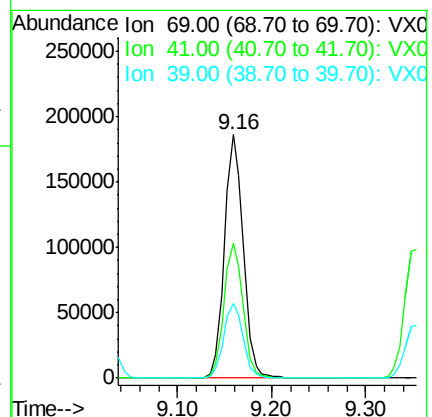
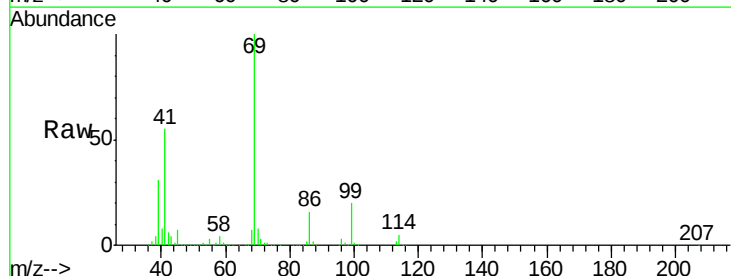
Manual Integrations
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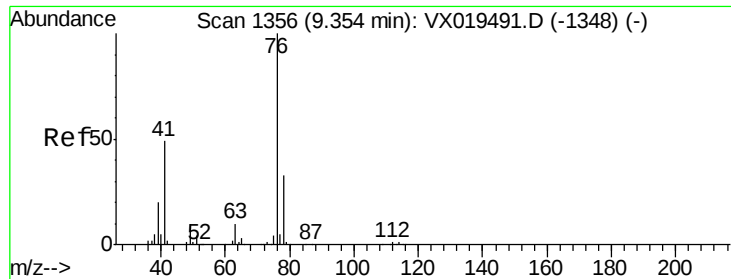
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 11/24/2020 3:00:01 PM



#56
 Ethyl methacrylate
 Concen: 52.648 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion:	69	Resp:	257691
Ion	Ratio	Lower	Upper
69	100		
41	56.0	46.2	69.2
39	31.9	25.5	38.3





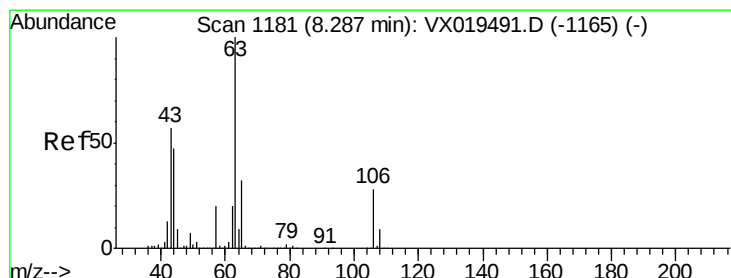
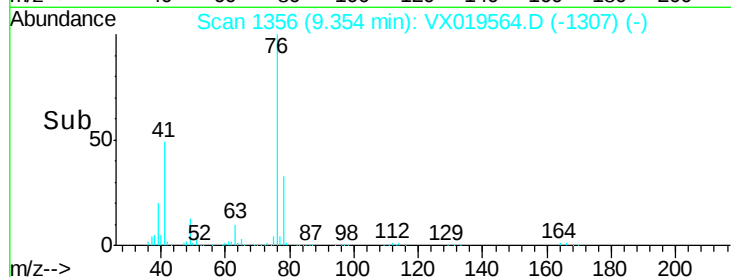
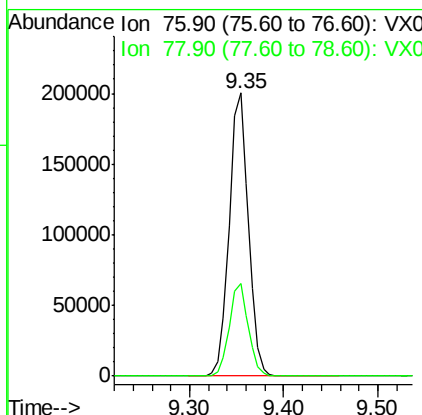
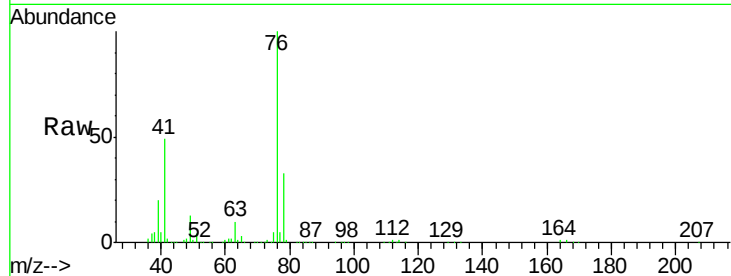
#57
 1,3-Dichloropropane
 Concen: 48.723 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.7	38.5

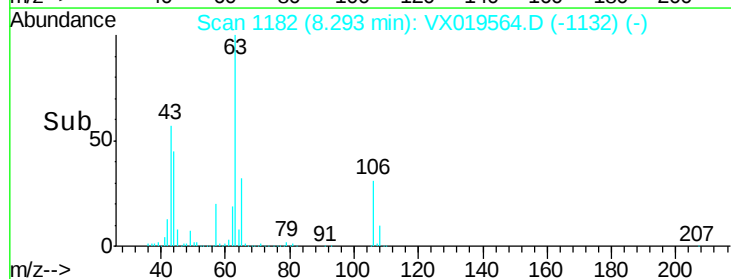
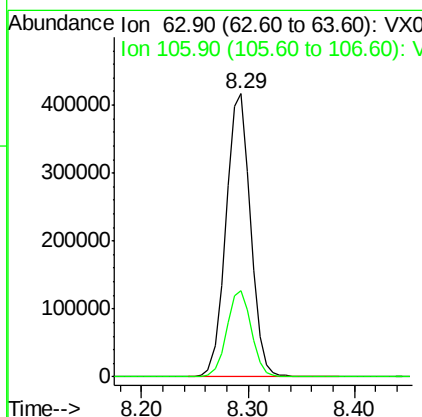
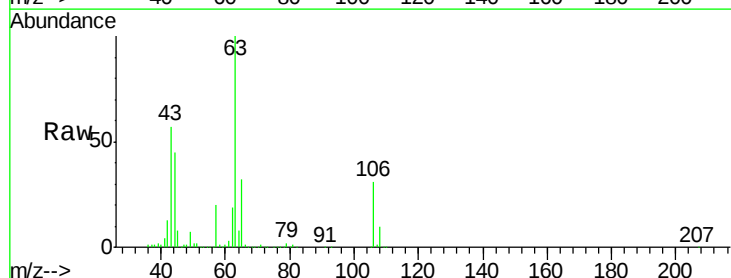
Manual Integrations
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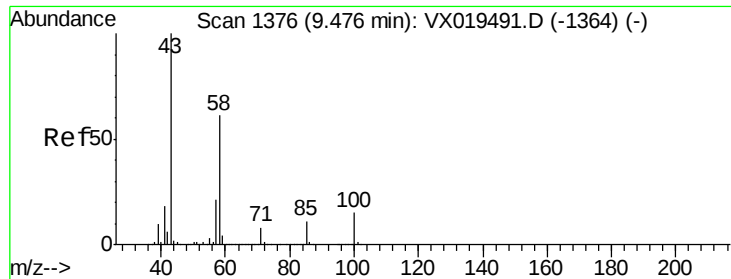
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 11/24/2020 3:00:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.064 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	23.7	35.5





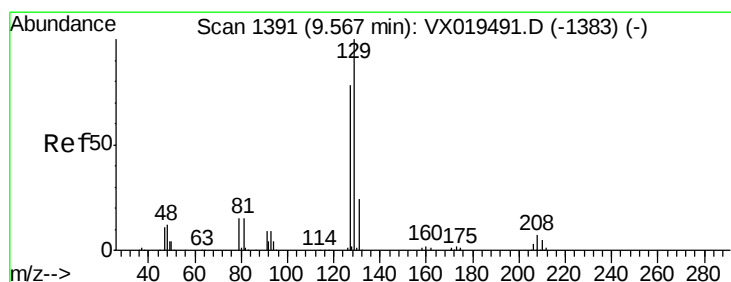
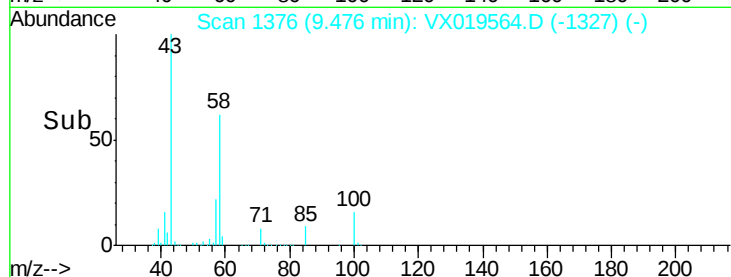
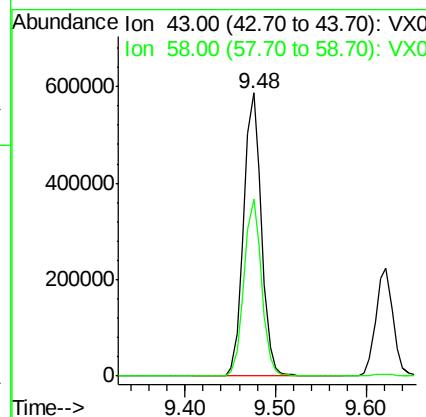
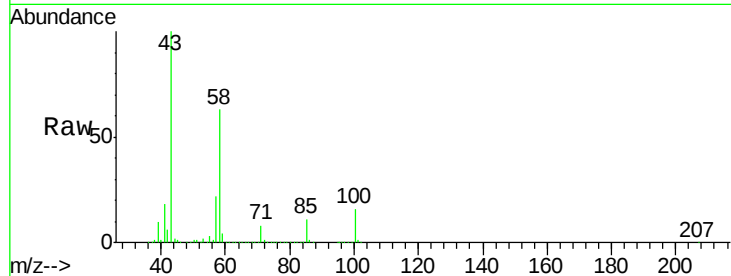
#59
2-Hexanone
Concen: 252.924 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 797670
Ion Ratio Lower Upper
43 100
58 62.0 30.6 91.6

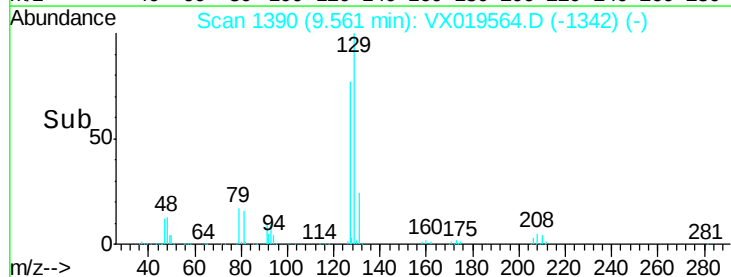
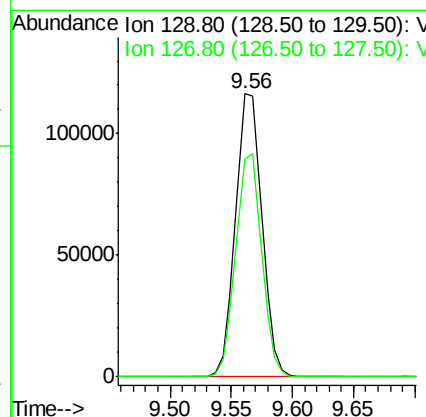
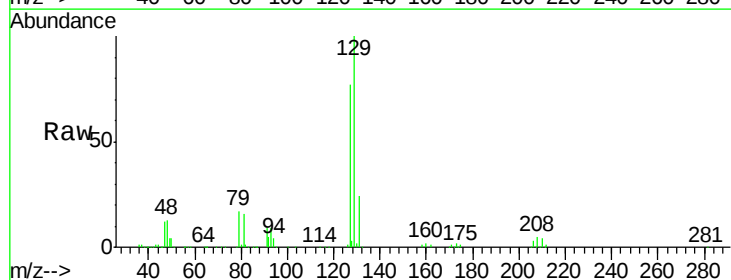
Manual Integrations
APPROVED

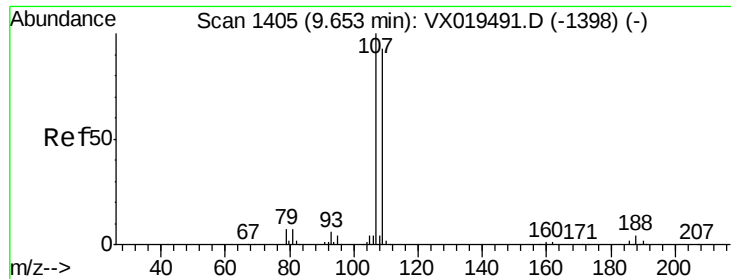
MMDadoda
11/24/2020 3:00:01 PM



#60
Dibromochloromethane
Concen: 51.420 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 129 Resp: 174219
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





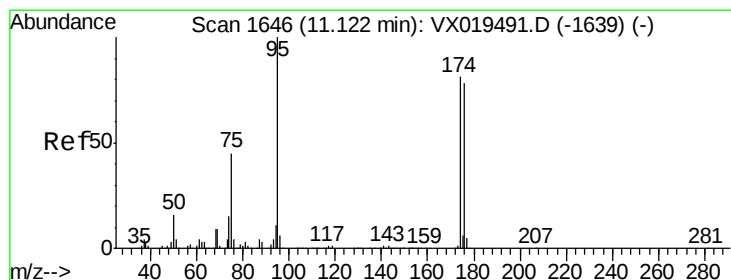
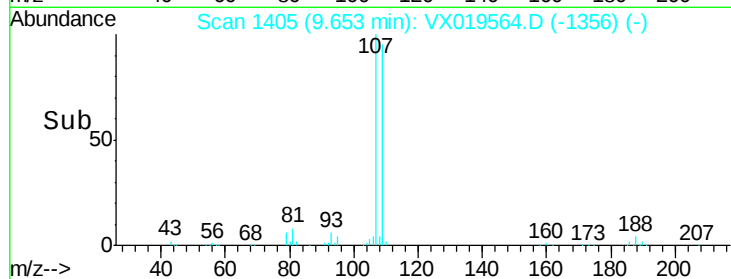
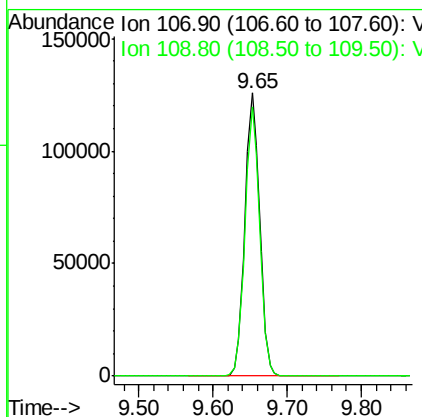
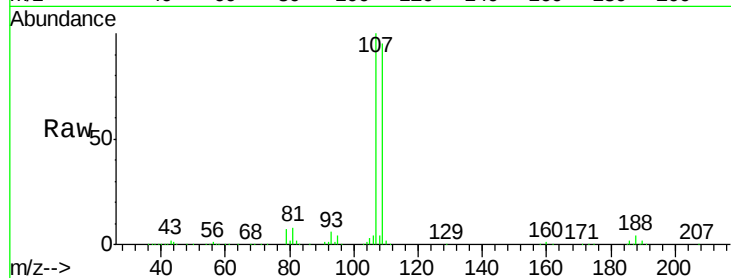
#61
 1,2-Dibromoethane
 Concen: 49.688 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.8	112.2

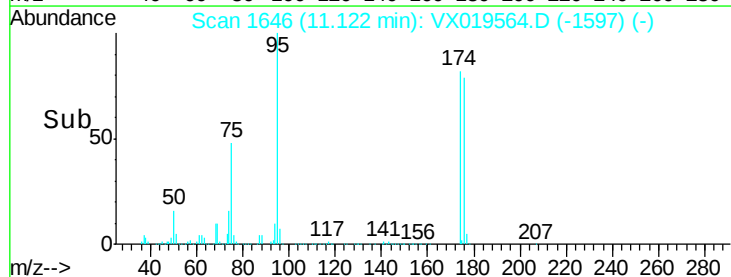
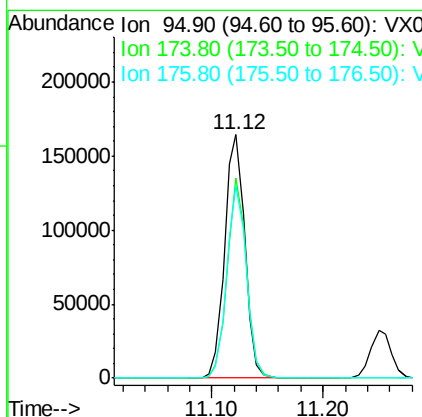
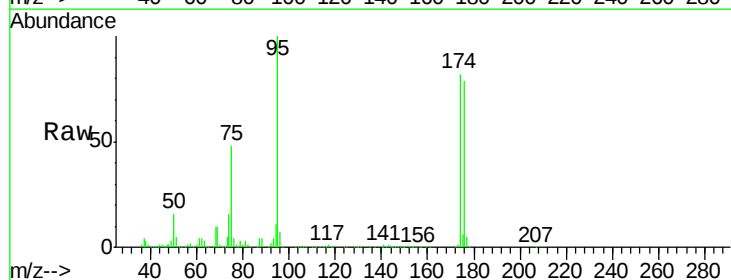
Manual Integrations
 APPROVED

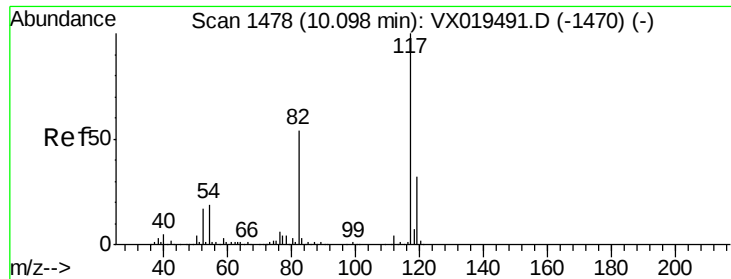
MMDadoda
 11/24/2020 3:00:01 PM



#62
 4-Bromofluorobenzene
 Concen: 48.471 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	156.2
176	77.1	0.0	151.4





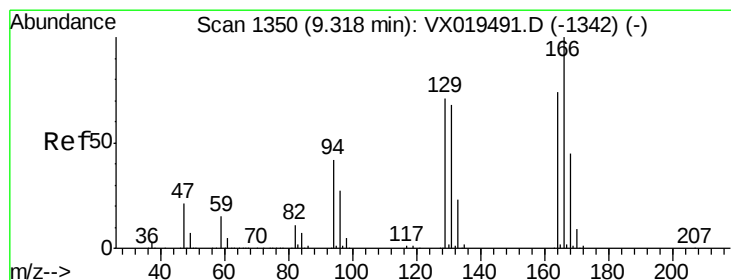
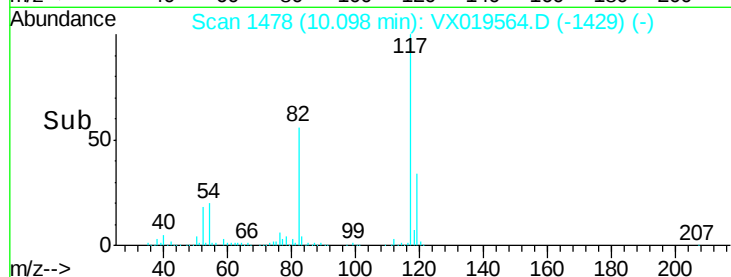
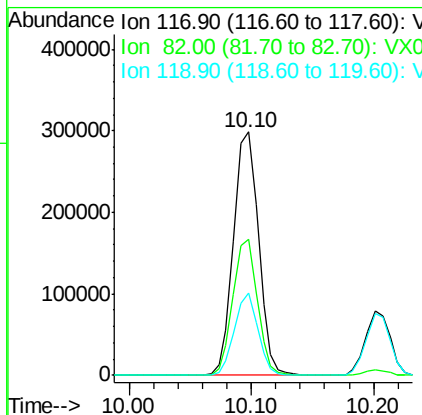
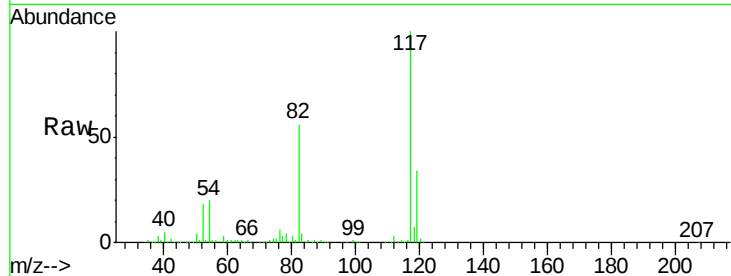
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.0	64.4
119	33.6	25.6	38.4

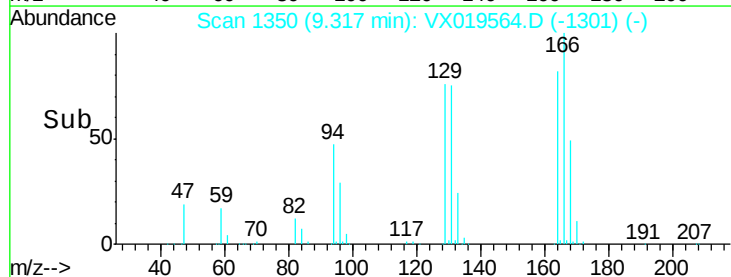
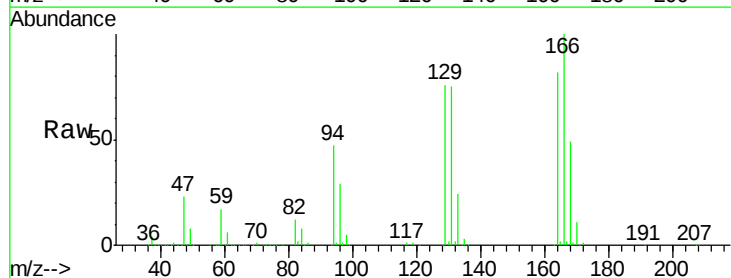
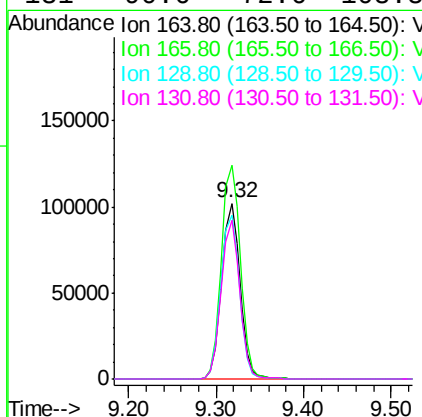
Manual Integrations
APPROVED

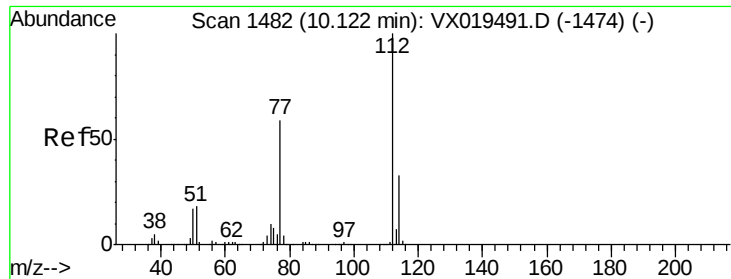
MMDadoda
11/24/2020 3:00:01 PM



#64
Tetrachloroethene
Concen: 44.908 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.5	107.4	161.0
129	92.8	76.6	114.8
131	90.6	72.6	108.8





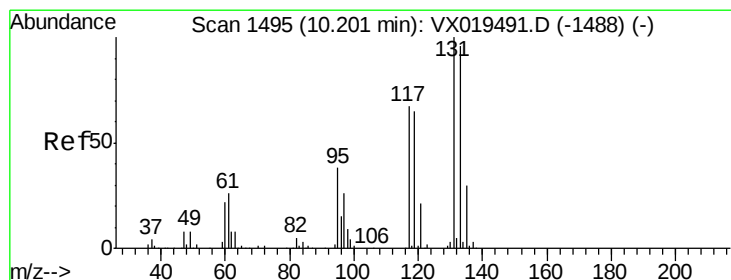
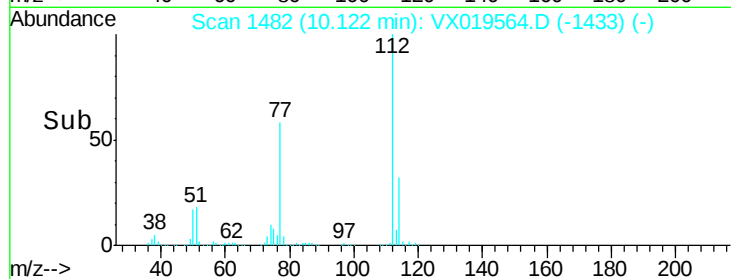
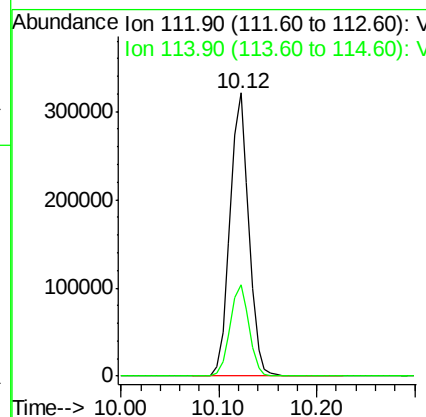
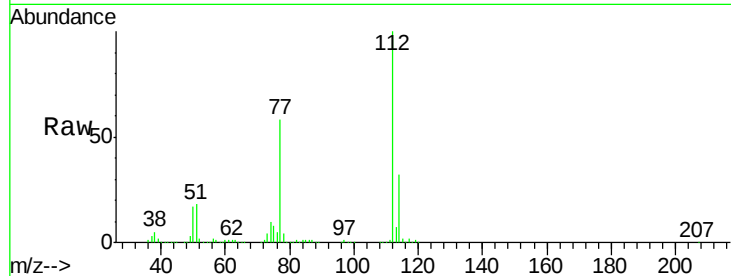
#65
Chlorobenzene
Concen: 49.309 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 427670
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

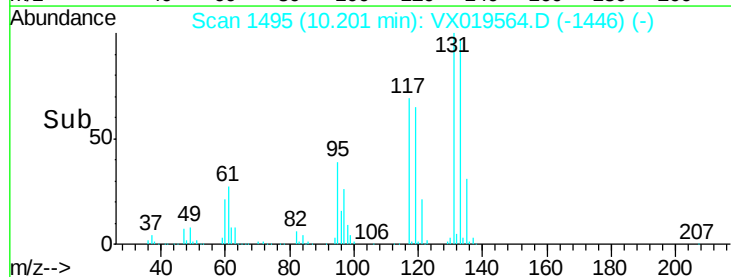
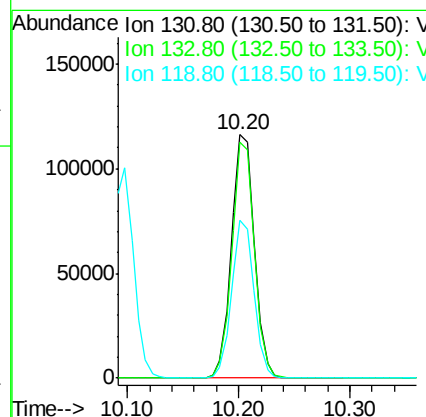
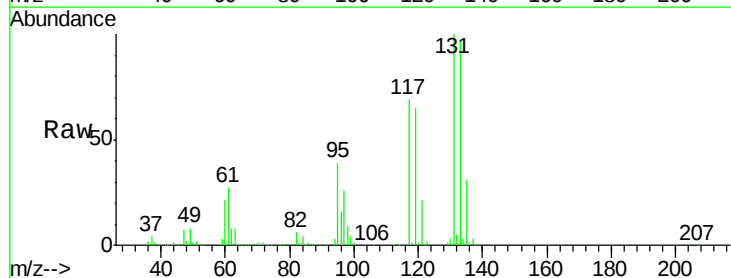
Manual Integrations
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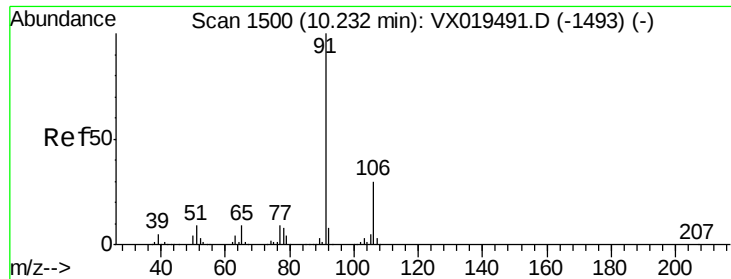
MMDadoda
11/24/2020 3:00:01 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.444 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion:131 Resp: 165450
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 63.5 33.0 99.0





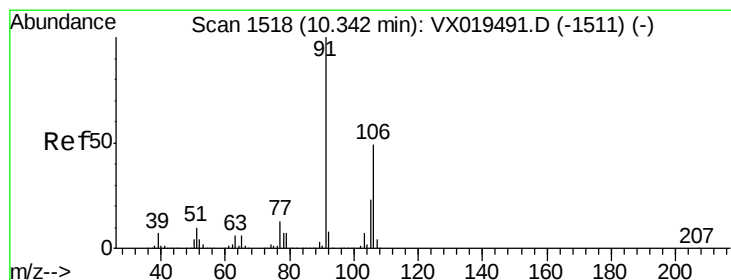
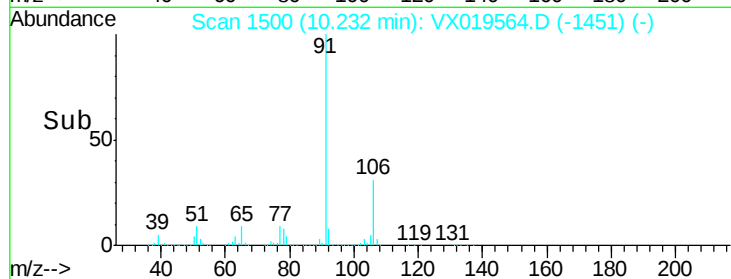
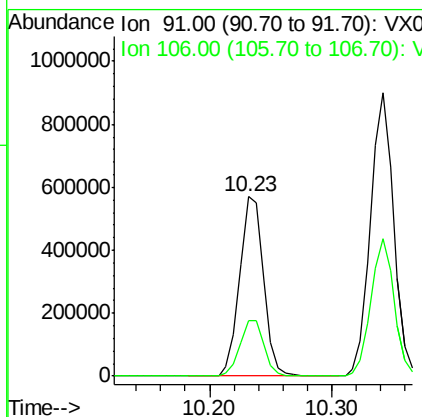
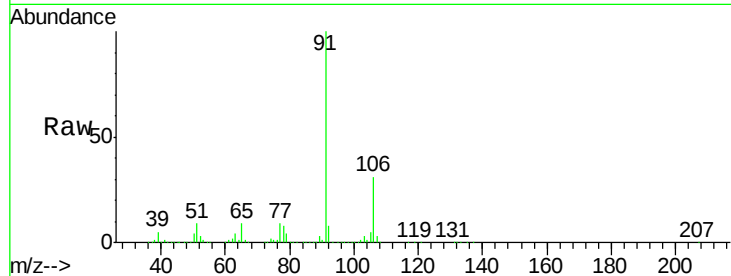
#67
Ethyl Benzene
Concen: 50.604 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		768884		
106	30.8	24.0	36.0		

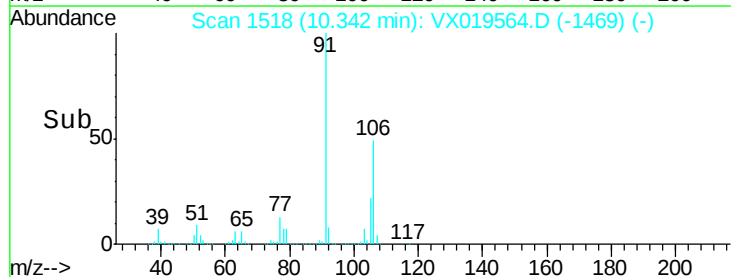
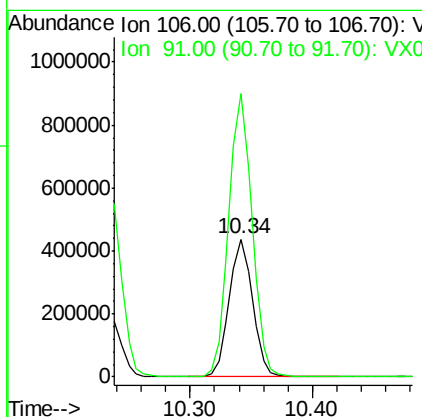
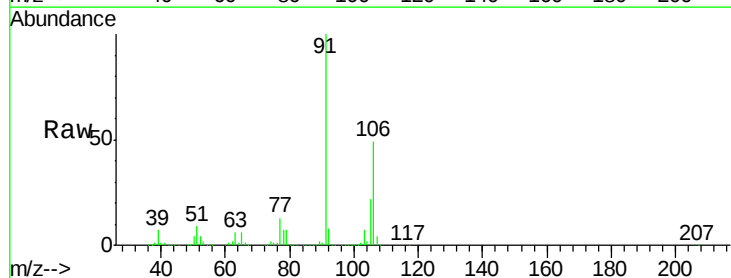
Manual Integrations
APPROVED

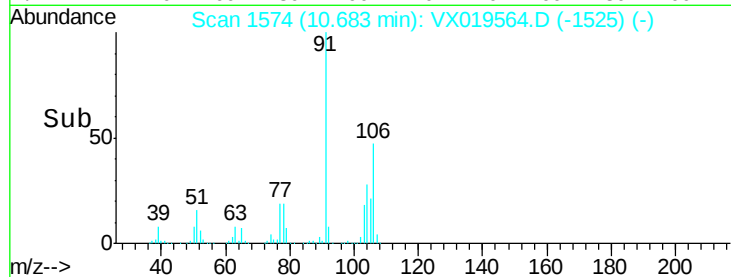
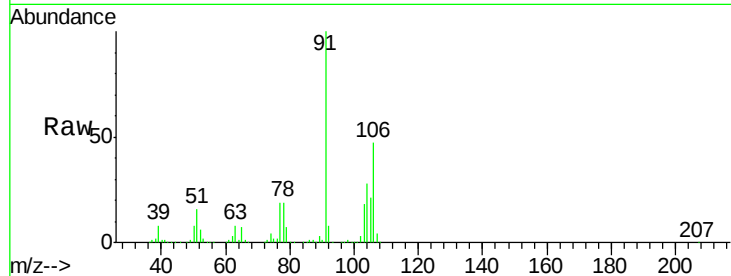
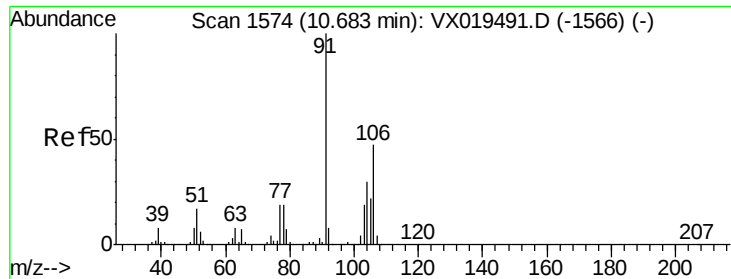
MMDadoda
11/24/2020 3:00:01 PM



#68
m/p-Xylenes
Concen: 102.084 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		577871		
91	205.2	163.3	244.9		





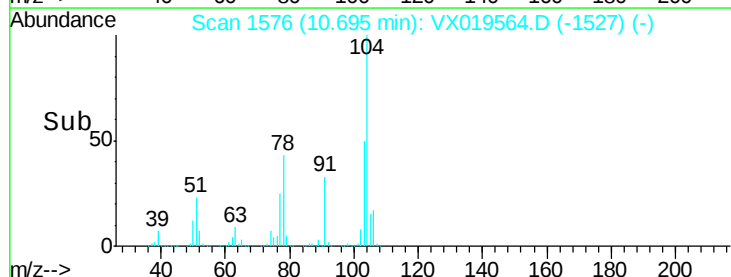
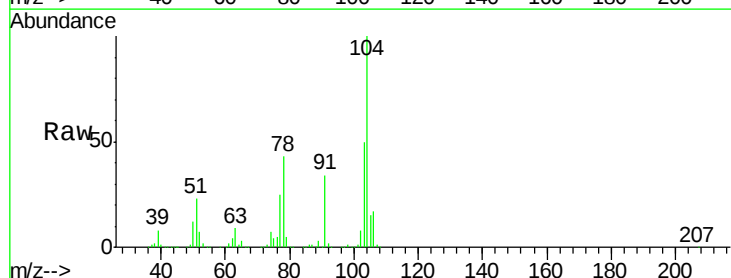
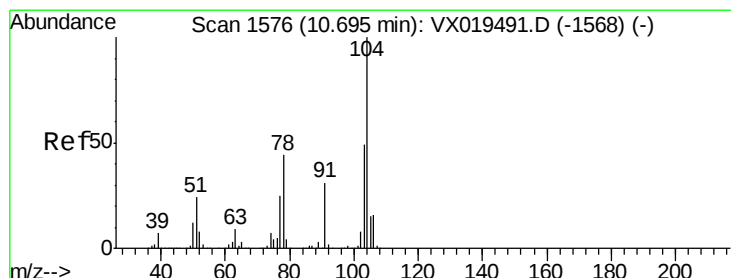
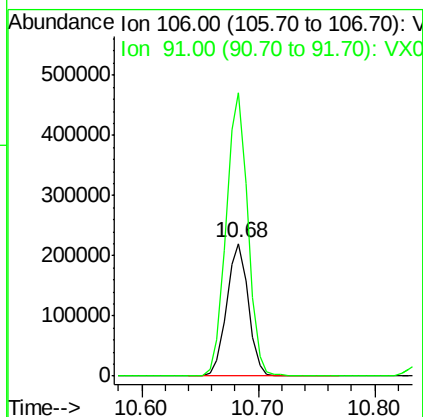
#69
o-Xylene
Concen: 52.601 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tot Ion:106 Resp: 284637
Ion Ratio Lower Upper
106 100
91 213.7 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

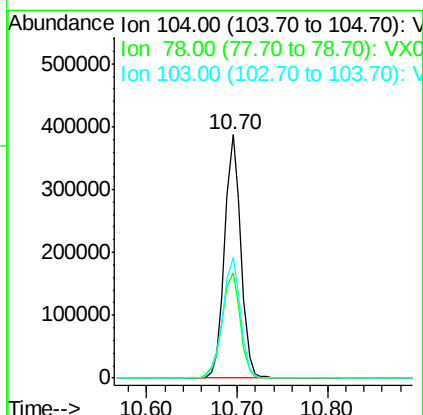
Manual Integrations
APPROVED

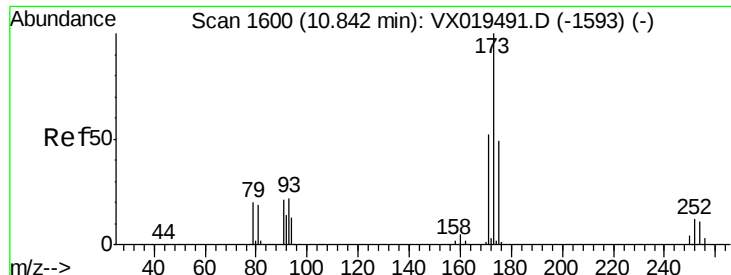
MMDadoda
11/24/2020 3:00:01 PM



#70
Styrene
Concen: 48.092 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion:104 Resp: 481073
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 54.2 43.6 65.4





#71

Bromoform

Concen: 48.208 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 128463

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.8

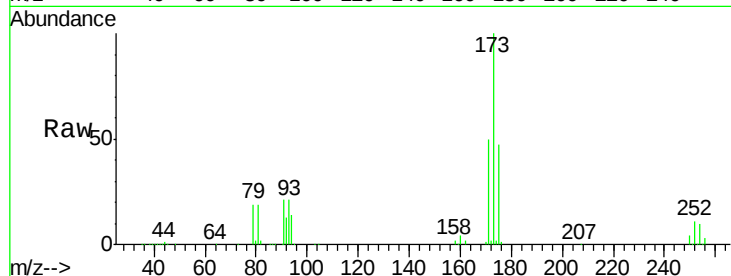
254 0.1 0.1 0.1

Manual Integrations

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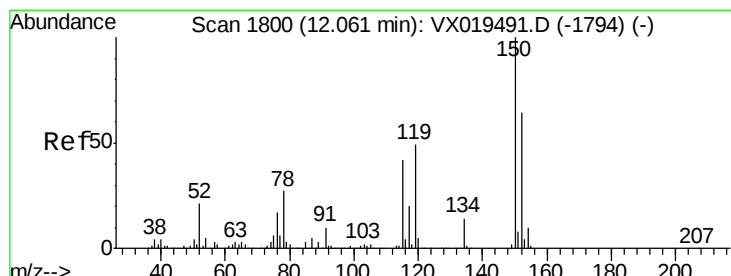
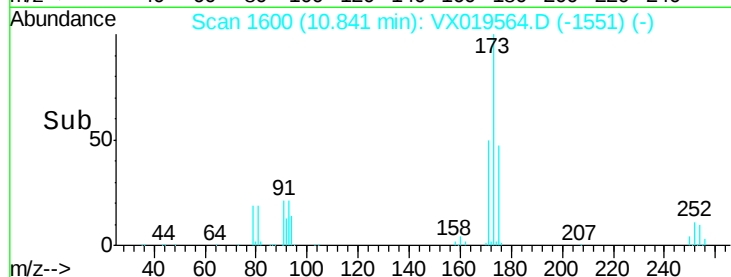
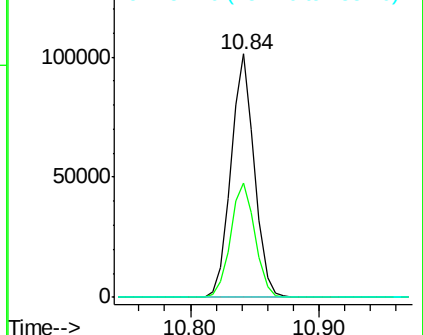
11/24/2020 3:00:01 PM



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: VX019564.D

Acq: 23 Nov 2020 20:33

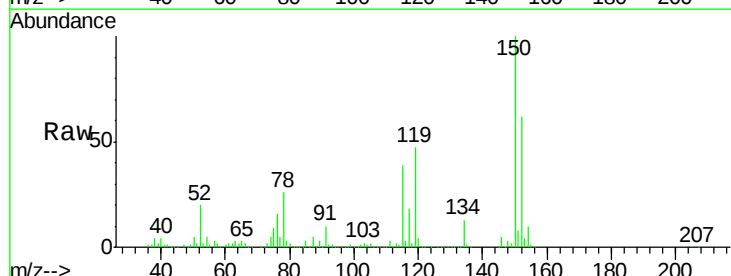
Tgt Ion:152 Resp: 208628

Ion Ratio Lower Upper

152 100

115 82.8 41.8 125.4

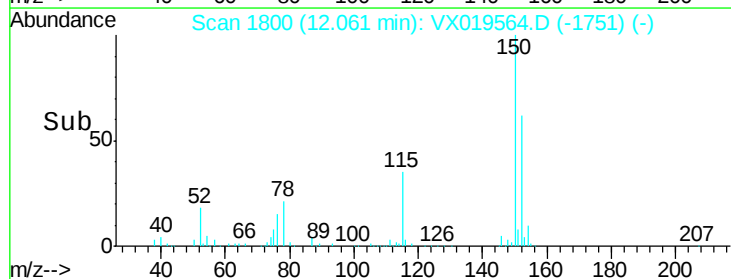
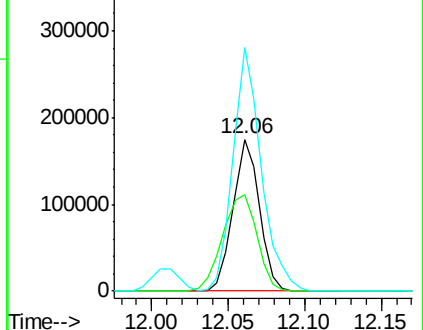
150 173.3 0.0 348.2



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: 51.747 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 746837

Ion Ratio Lower Upper

105 100

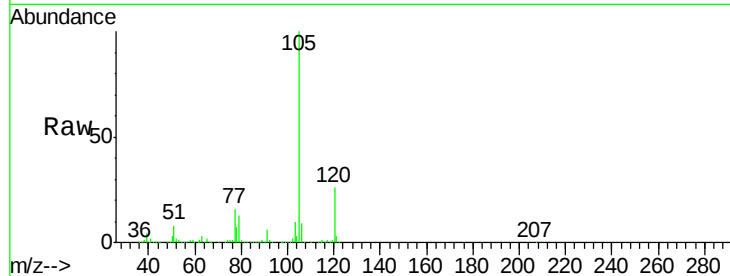
120 26.7 13.0 39.0

Manual Integrations

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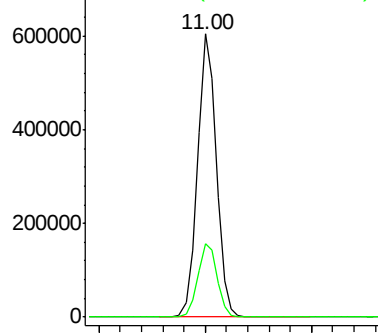
MMDadoda

11/24/2020 3:00:01 PM

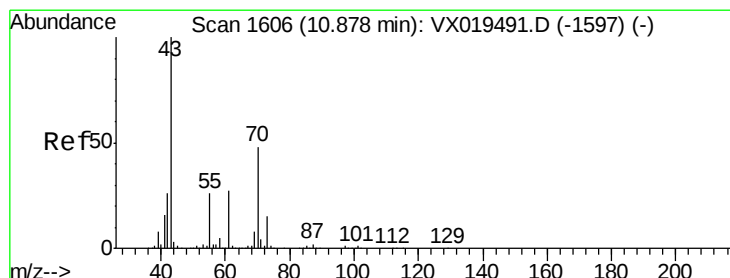
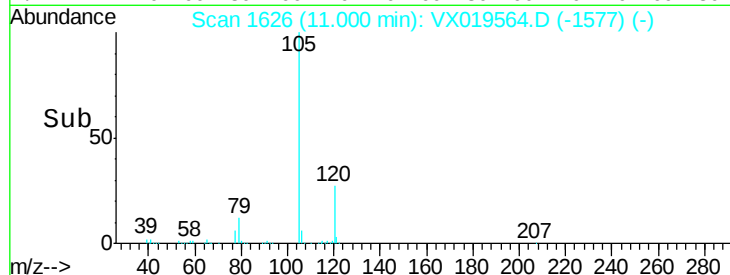


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 55.203 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion: 43 Resp: 298543

Ion Ratio Lower Upper

43 100

70 50.2 39.7 59.5

55 26.1 21.8 32.6

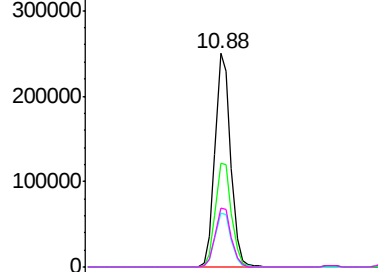
61 28.1 22.2 33.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

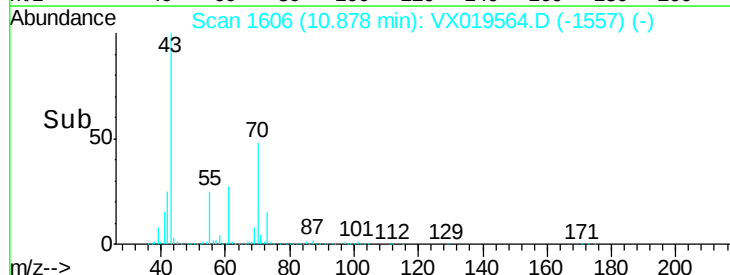
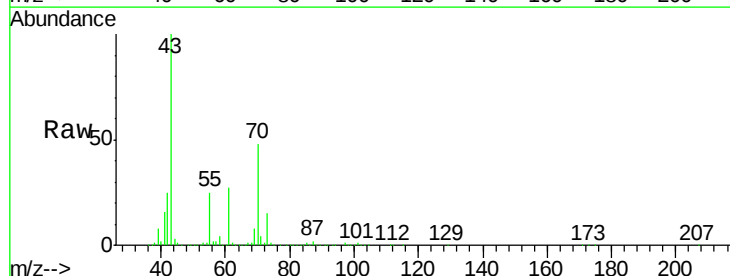
Ion 70.00 (69.70 to 70.70): VX0

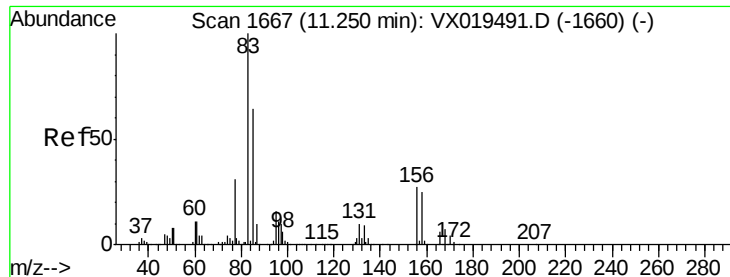
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.878 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 262592

Ion Ratio Lower Upper

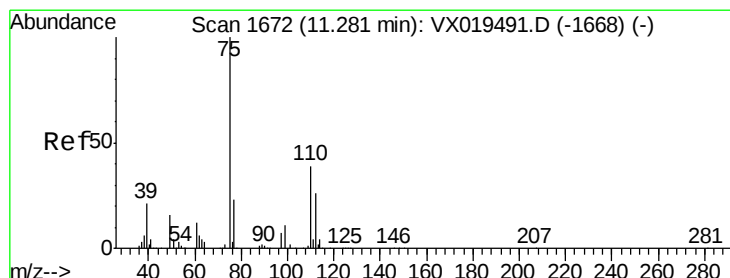
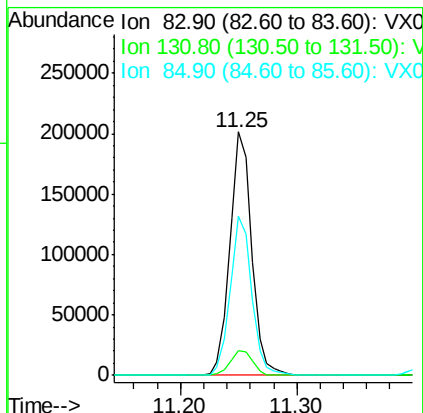
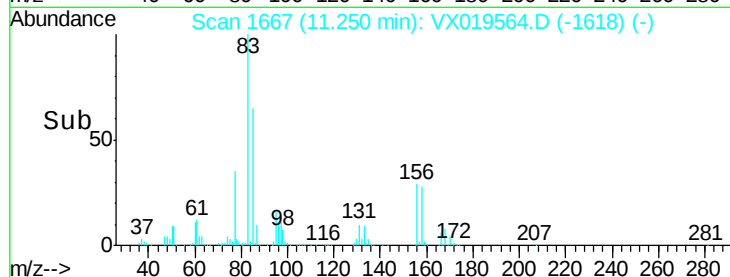
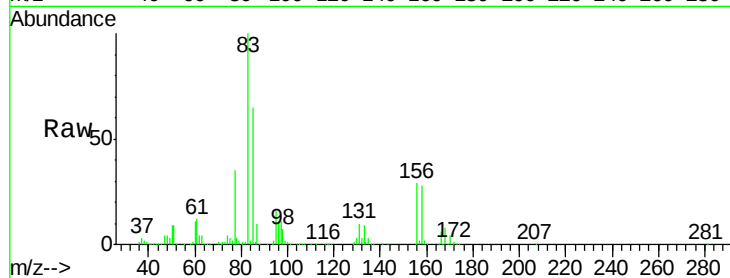
83 100

131 10.5 5.0 15.0

85 65.0 32.4 97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.231 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019564.D

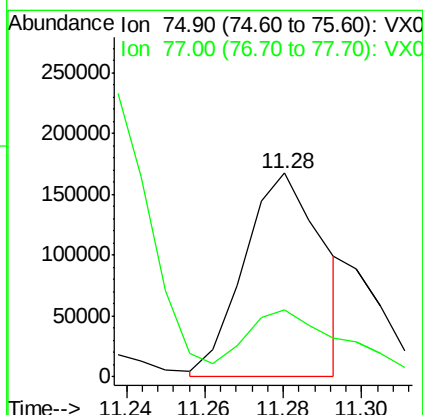
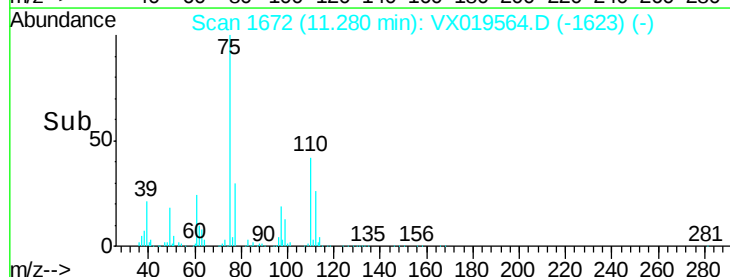
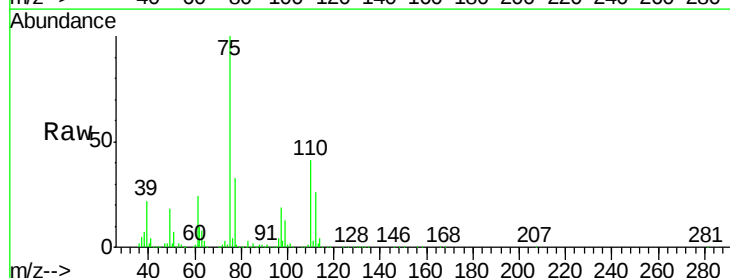
Acq: 23 Nov 2020 20:33

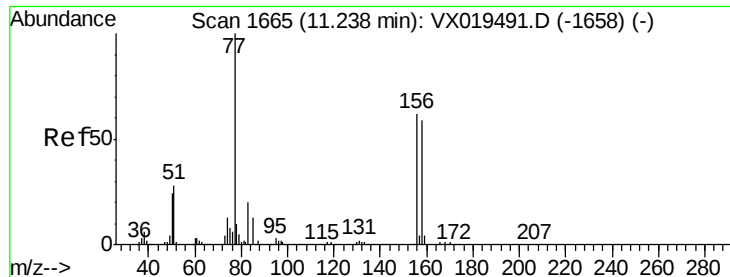
Tgt Ion: 75 Resp: 233254

Ion Ratio Lower Upper

75 100

77 41.1 20.0 60.0





#77

Bromobenzene

Concen: 52.092 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

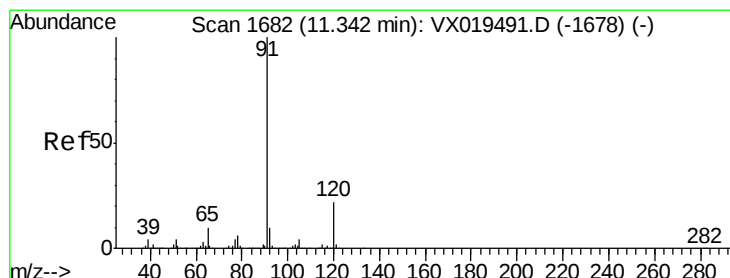
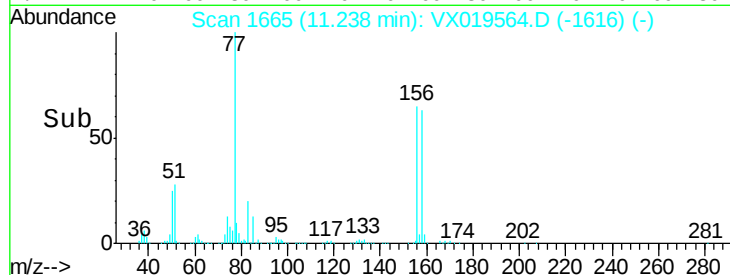
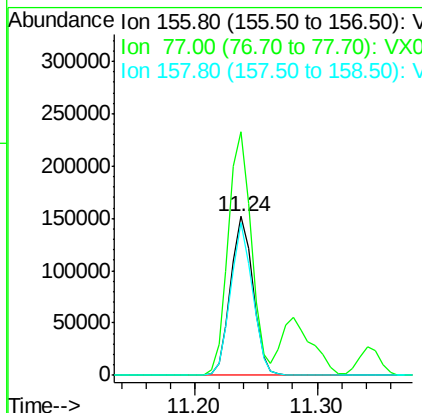
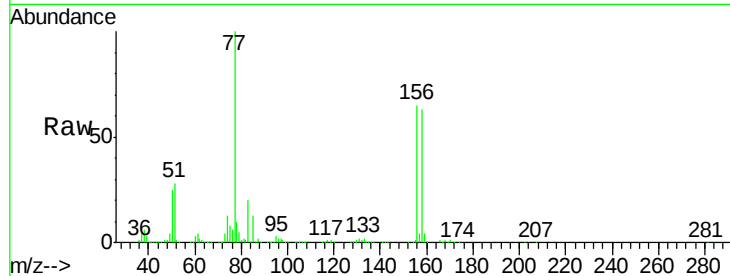
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	191925
Ion Ratio	Lower	Upper	
156	100		
77	158.6	82.5	247.3
158	93.3	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 50.389 ug/l

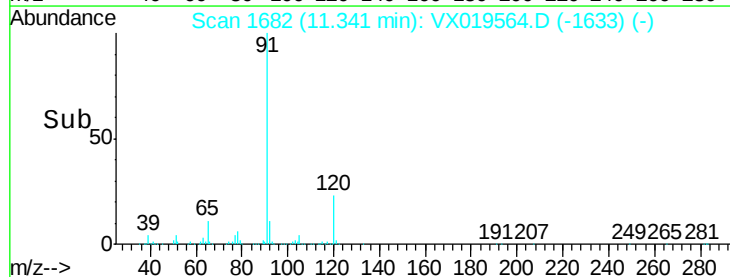
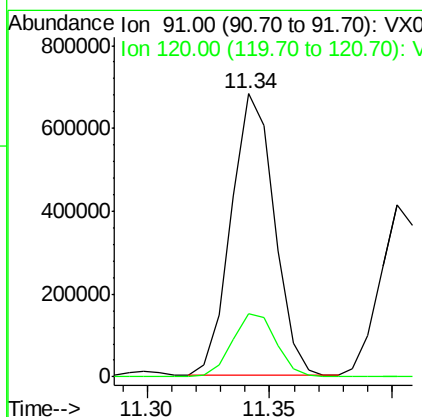
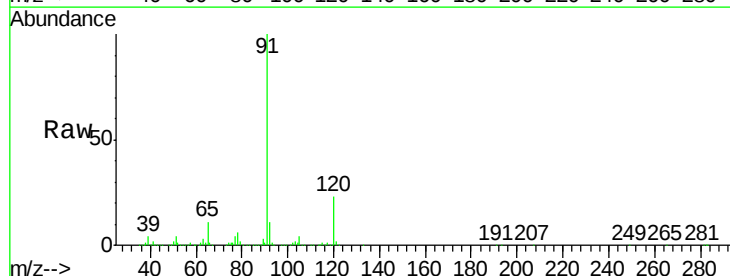
RT: 11.34 min Scan# 1682

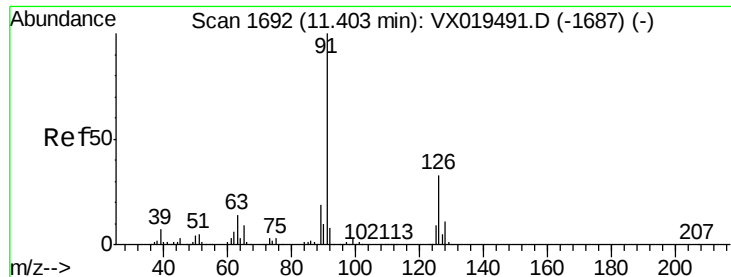
Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion:	91	Resp:	834283
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 51.374 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 515850

Ion Ratio Lower Upper

91 100

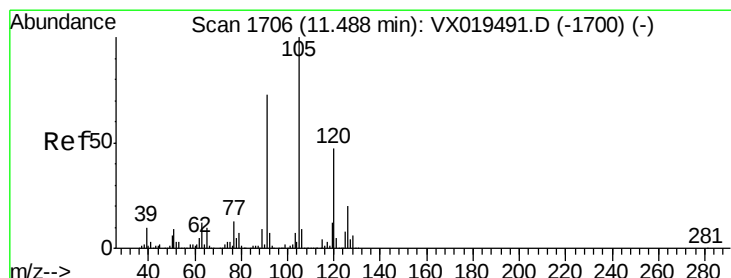
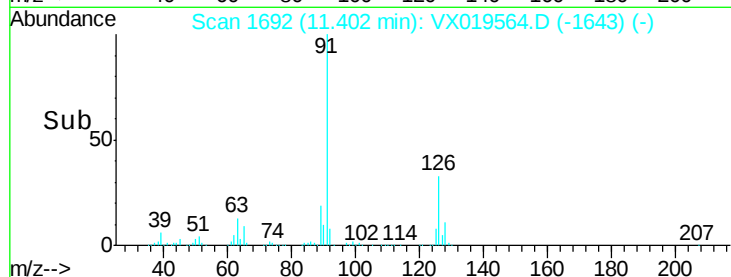
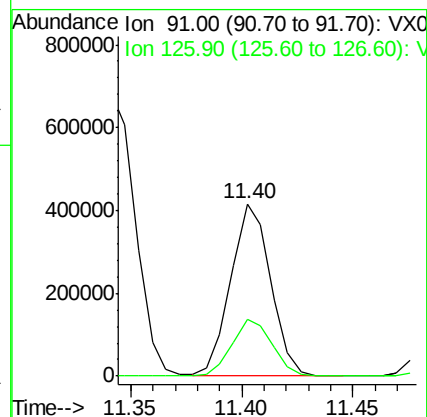
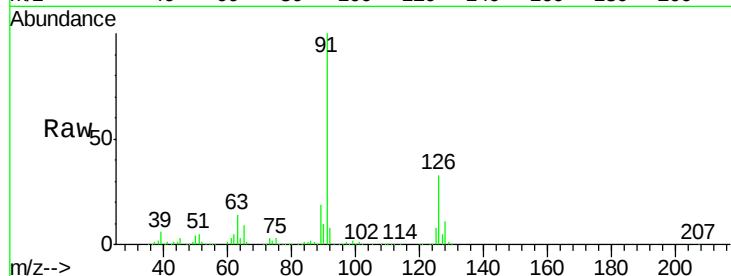
126 33.6 16.7 50.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.330 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019564.D

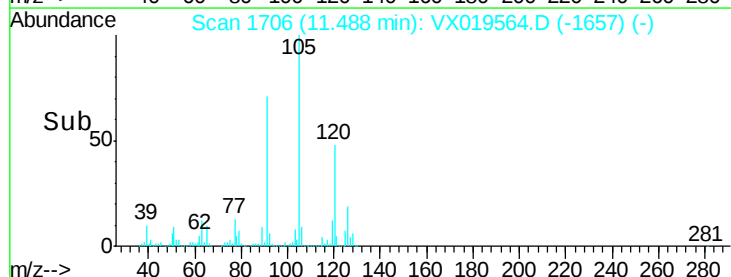
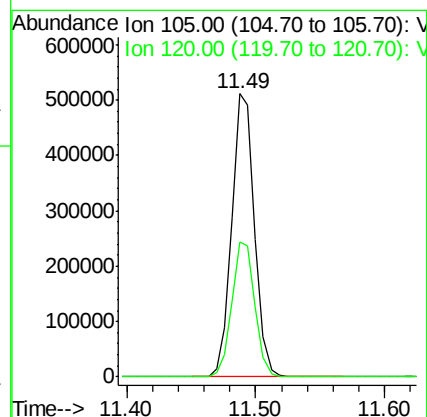
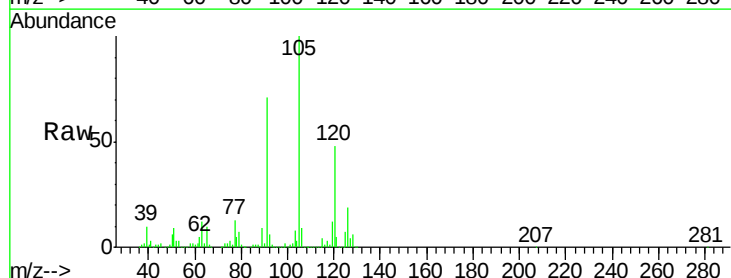
Acq: 23 Nov 2020 20:33

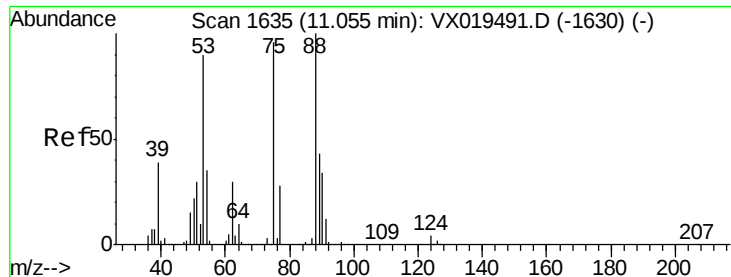
Tgt Ion: 105 Resp: 633561

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3





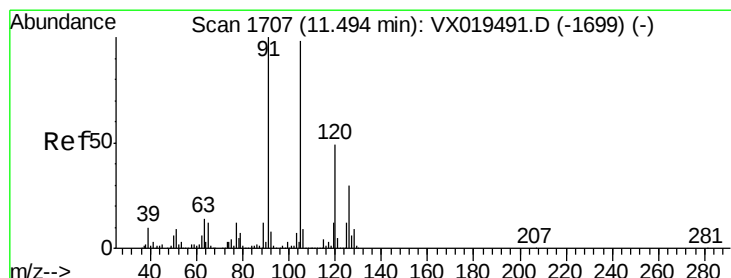
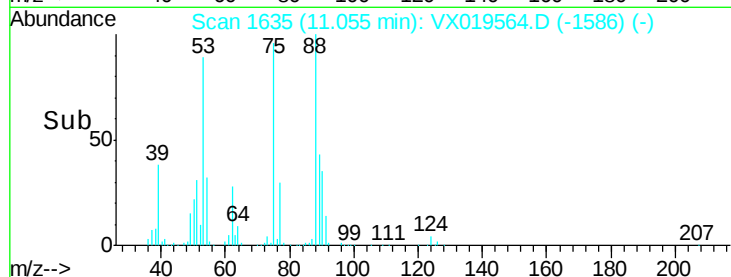
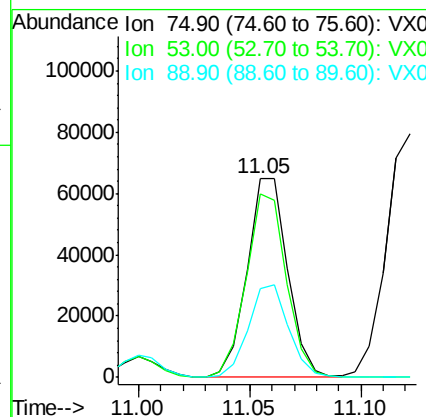
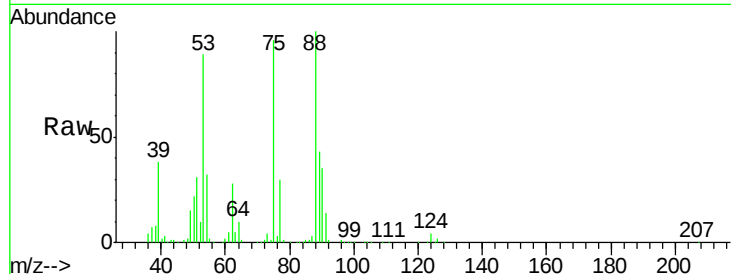
#81
trans-1,4-Dichloro-2-butene
Concen: 48.930 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.6	73.9	110.9
89	46.6	37.3	55.9

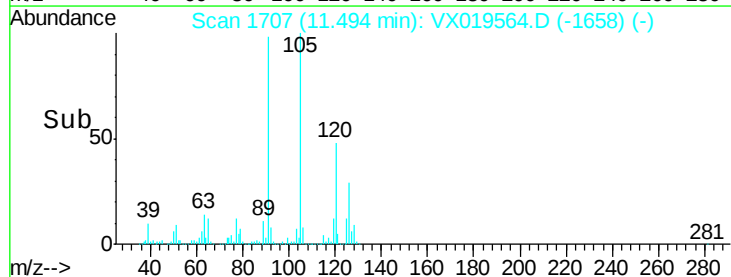
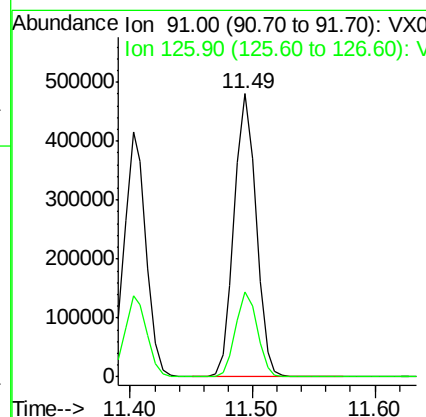
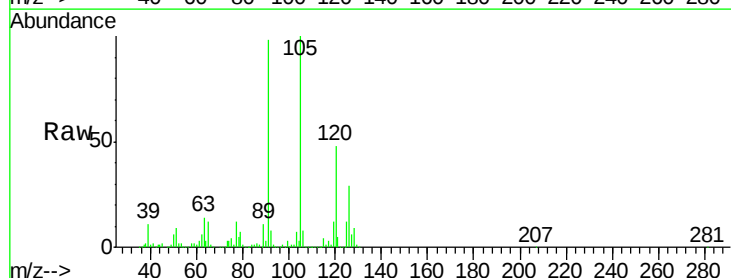
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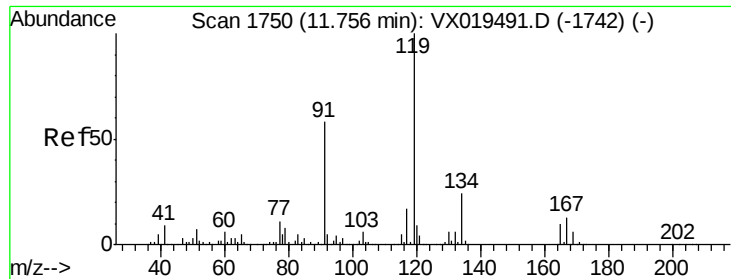
MMDadoda
11/24/2020 3:00:01 PM



#82
4-Chlorotoluene
Concen: 50.427 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.9	44.7





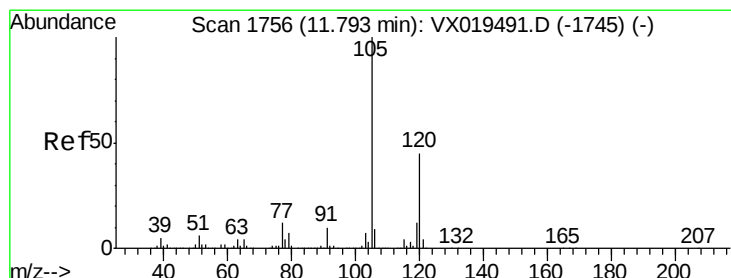
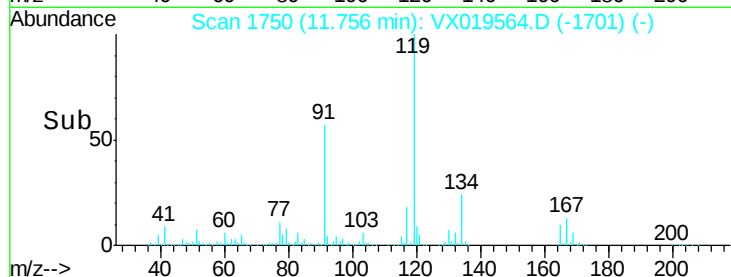
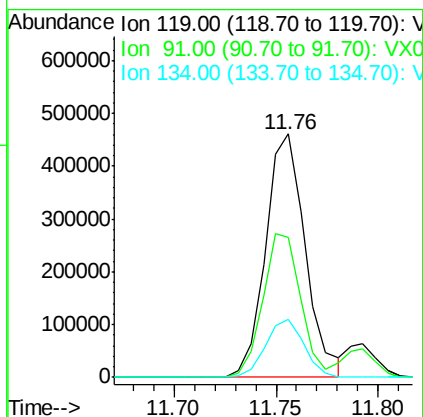
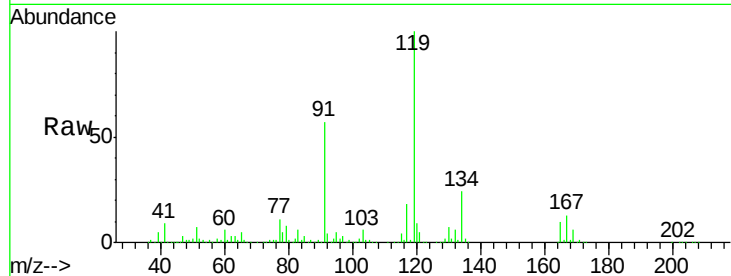
#83
tert-Butylbenzene
Concen: 53.271 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	28.9	86.8
134	23.1	11.7	35.0

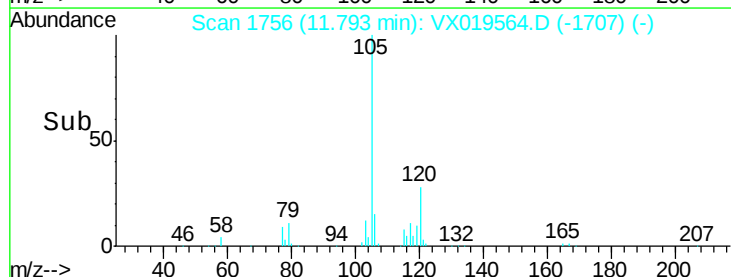
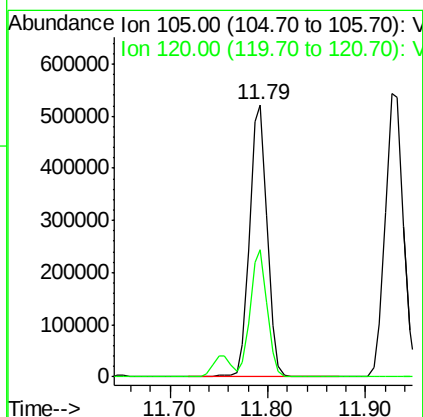
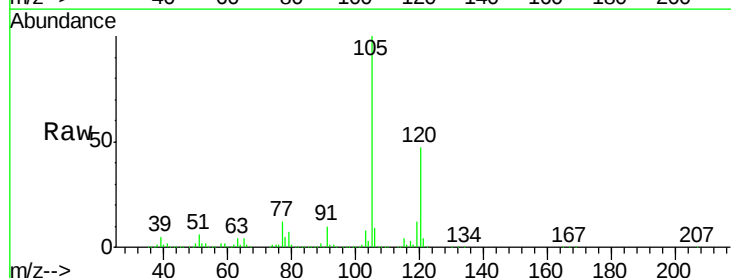
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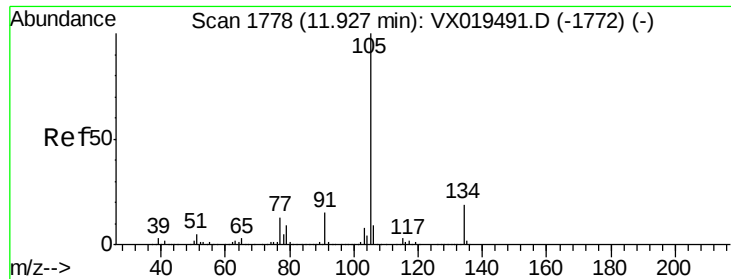
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.927 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.2	66.6





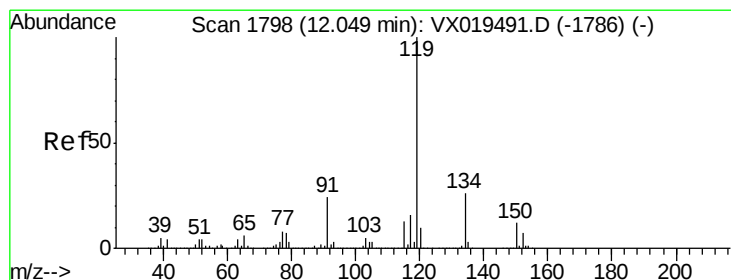
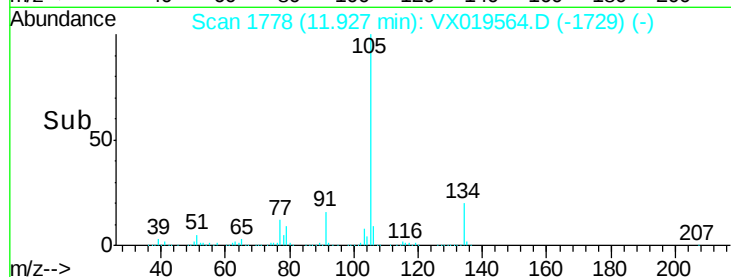
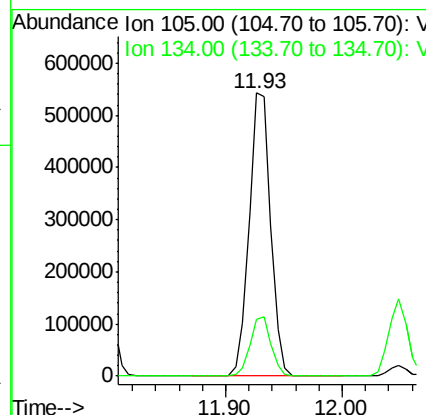
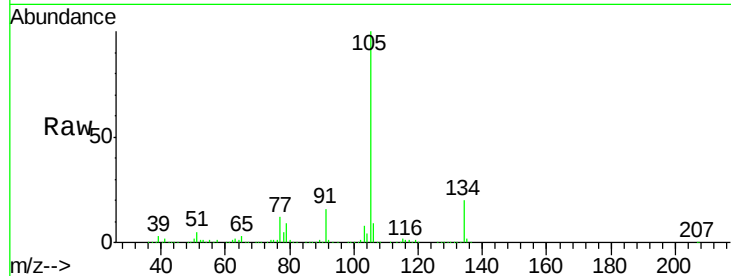
#85
 sec-Butylbenzene
 Concen: 50.242 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

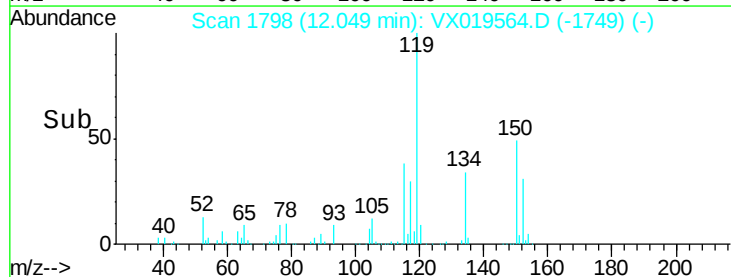
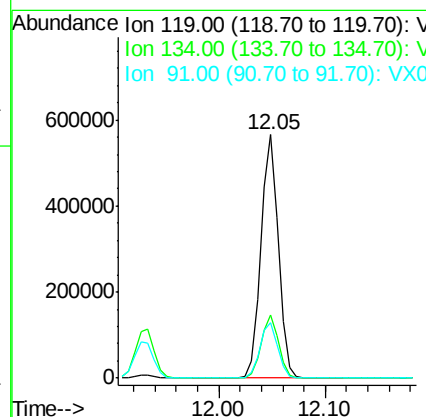
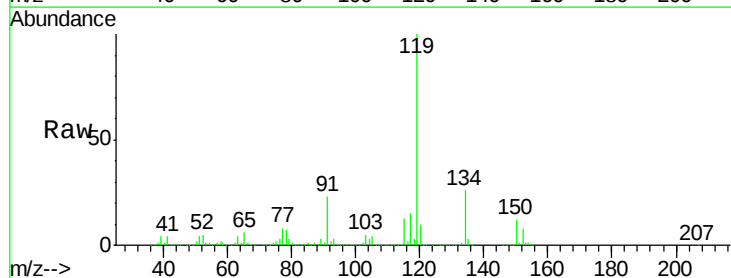
Manual Integrations
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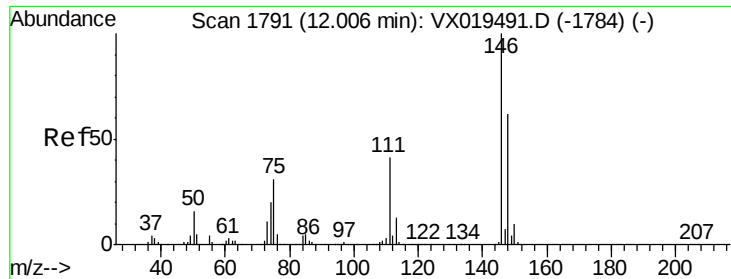
MMDadoda
 11/24/2020 3:00:01 PM



#86
 p-Isopropyltoluene
 Concen: 51.348 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.4	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 49.741 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

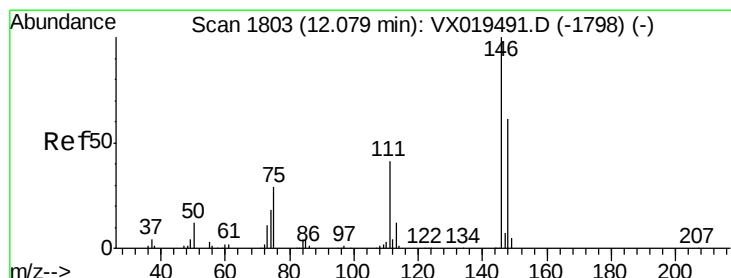
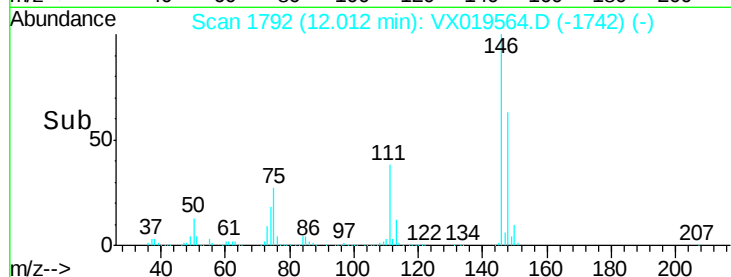
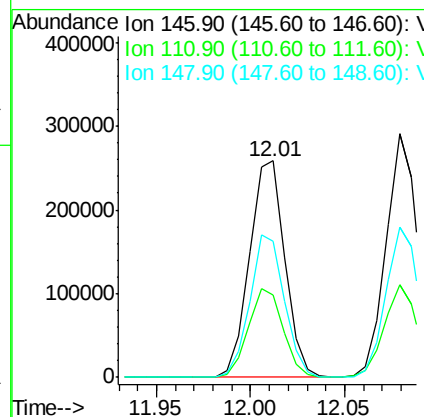
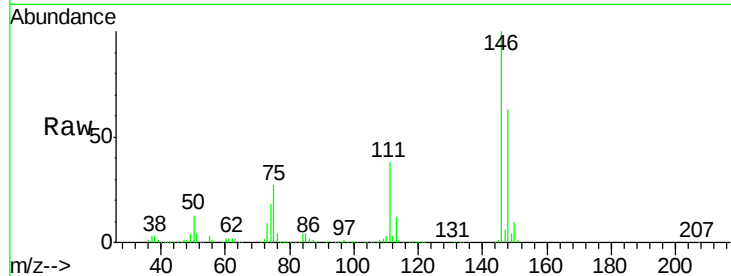
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	336562
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.2	60.6
148	64.3	31.4	94.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.367 ug/l

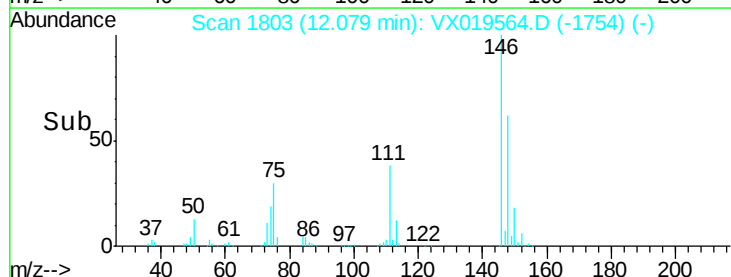
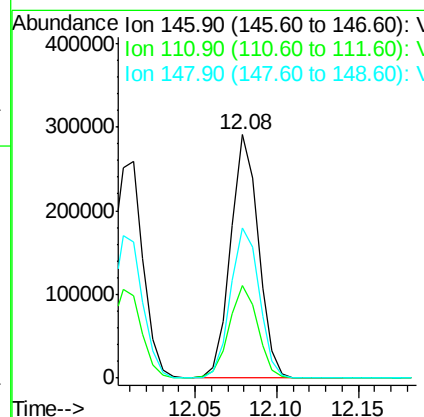
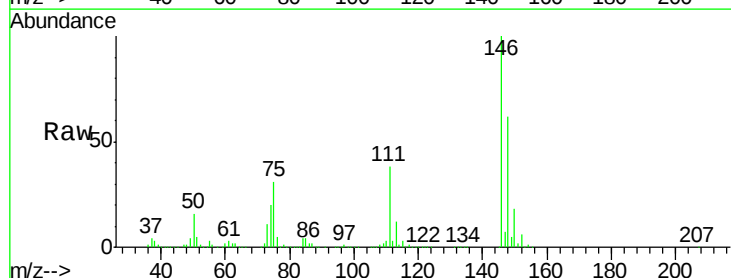
RT: 12.08 min Scan# 1803

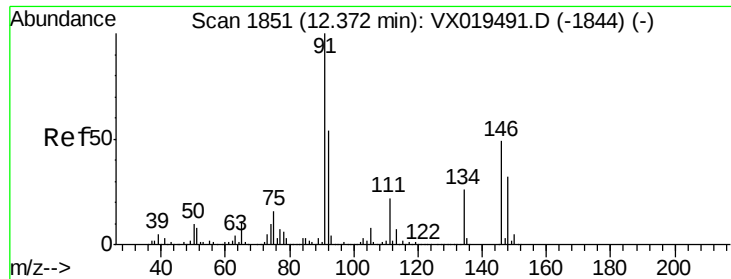
Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion:	146	Resp:	344071
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.9	59.6
148	64.2	31.7	95.1





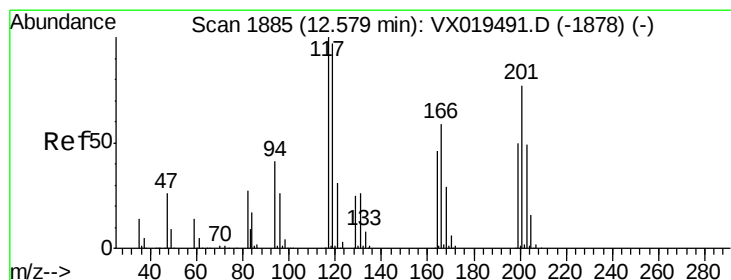
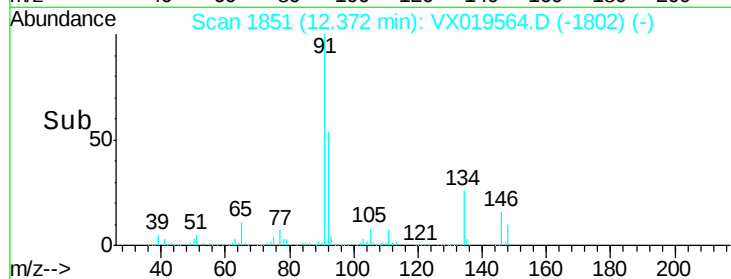
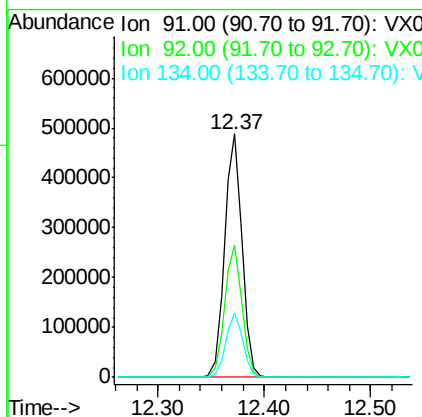
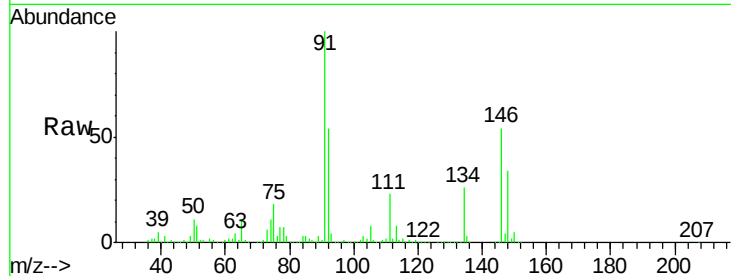
#89
n-Butylbenzene
Concen: 48.646 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.6
134	26.0	12.9	38.6

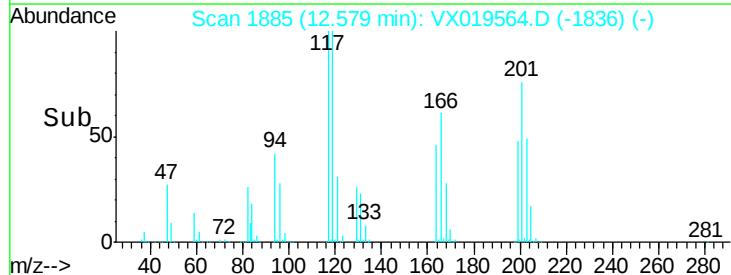
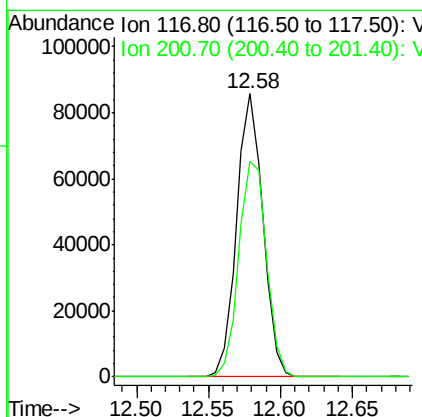
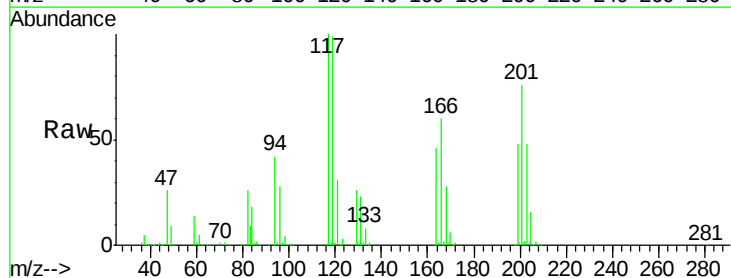
Manual Integrations
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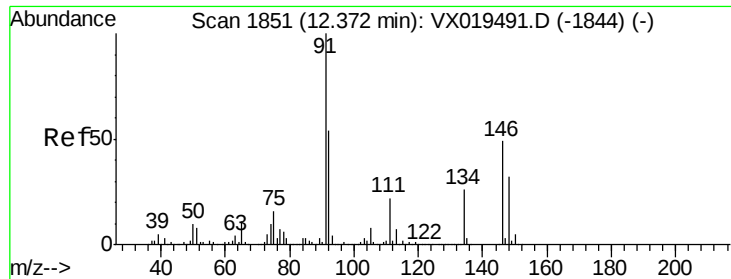
MMDadoda
11/24/2020 3:00:01 PM



#90
Hexachloroethane
Concen: 51.615 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.0	39.4	118.2





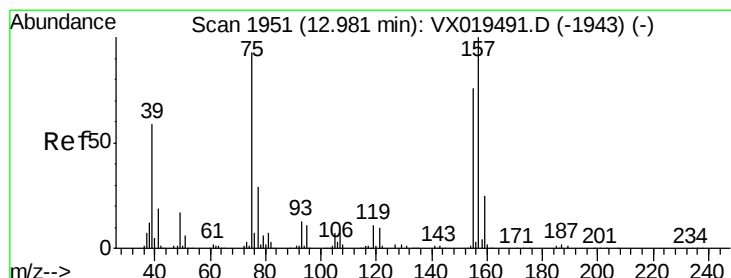
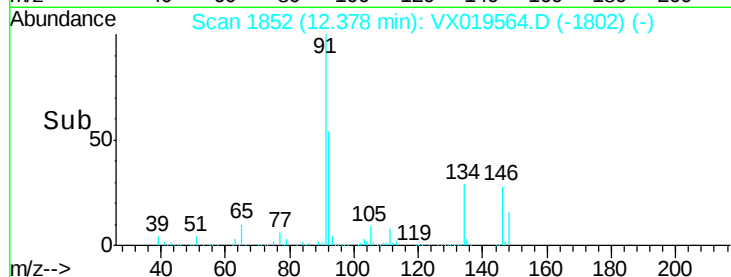
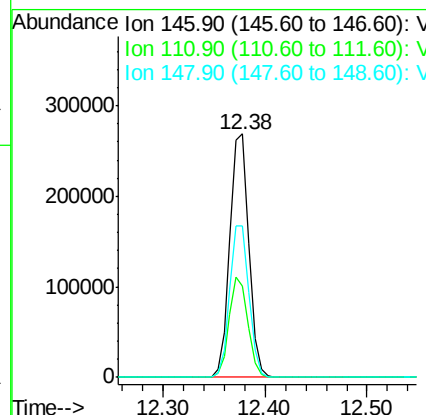
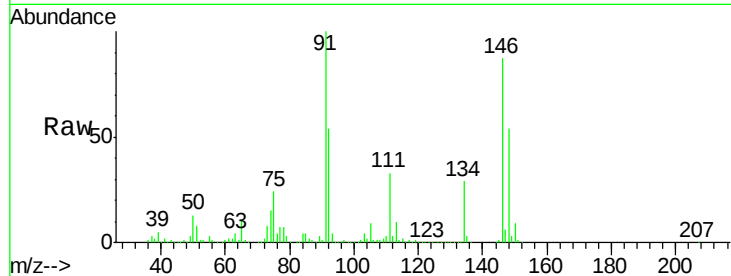
#91
1,2-Dichlorobenzene
Concen: 50.910 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	345977		
111	40.6	21.1	63.3	
148	63.2	32.4	97.0	

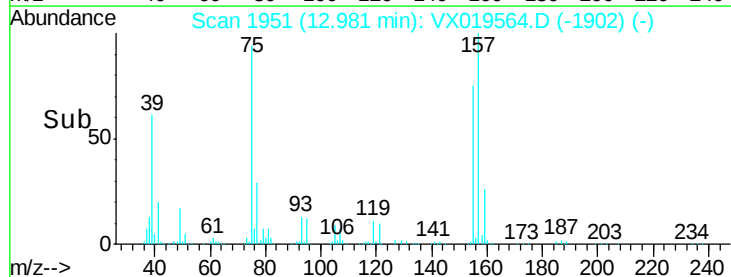
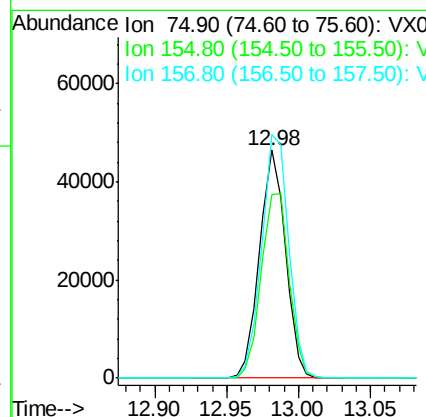
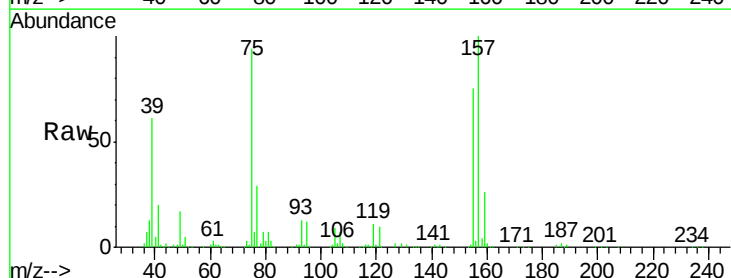
Manual Integrations
APPROVED

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11/24/2020 3:00:01 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.651 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57544		
155	87.4	43.6	130.9	
157	110.9	57.0	170.8	





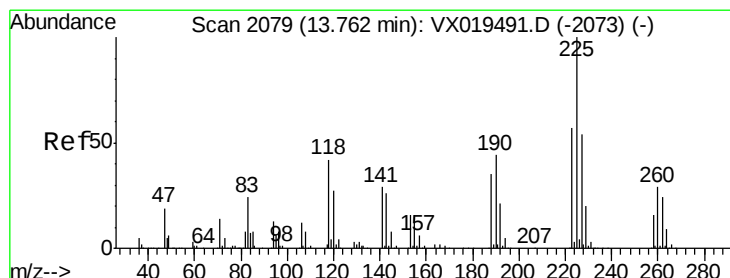
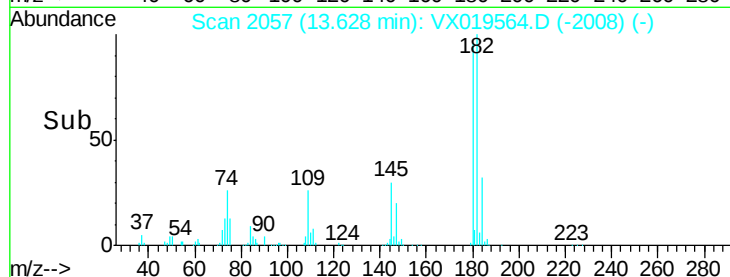
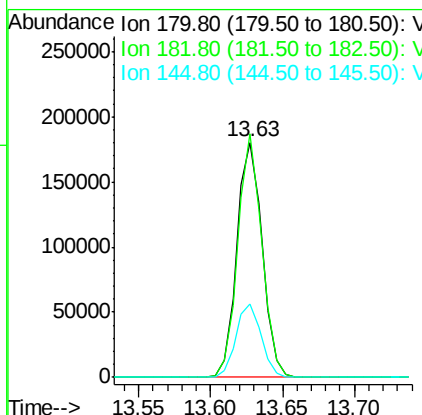
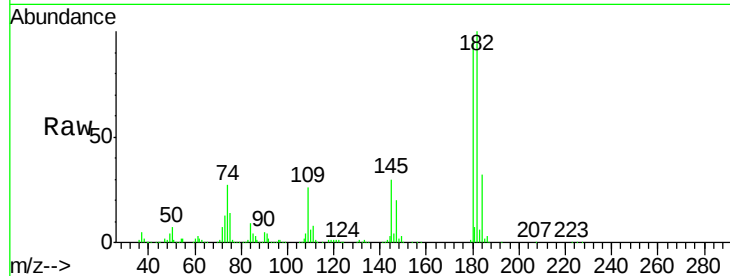
#93
1,2,4-Trichlorobenzene
Concen: 50.748 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	221417		
182	98.0	48.6	145.9	
145	31.2	15.9	47.7	

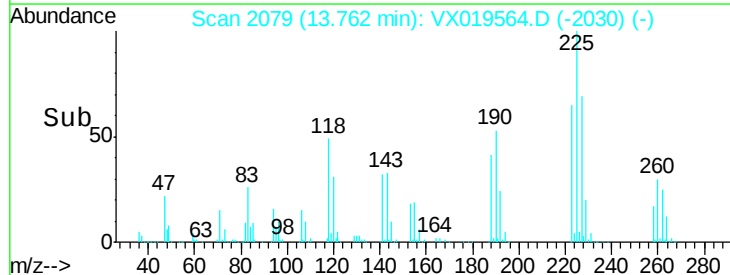
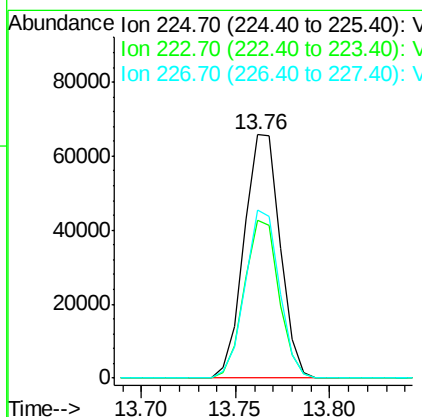
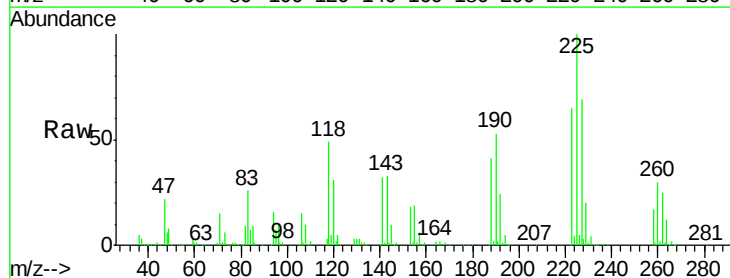
Manual Integrations
APPROVED

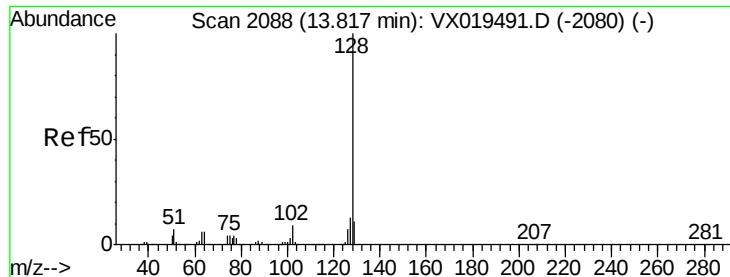
MMDadoda
11/24/2020 3:00:01 PM



#94
Hexachlorobutadiene
Concen: 43.846 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87146		
223	62.5	32.5	97.5	
227	65.7	32.8	98.3	





#95

Naphthalene

Concen: 49.177 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

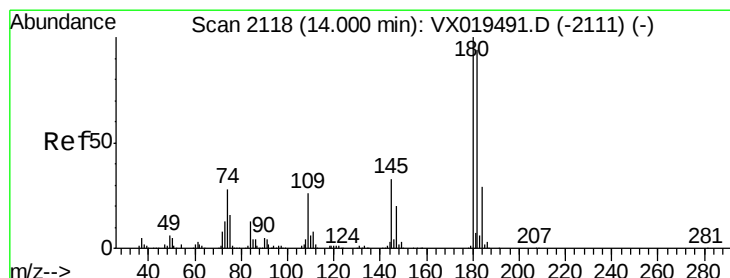
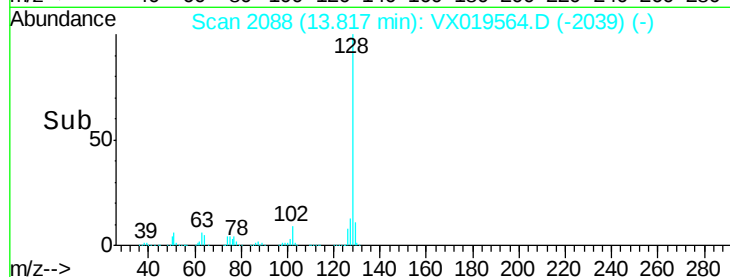
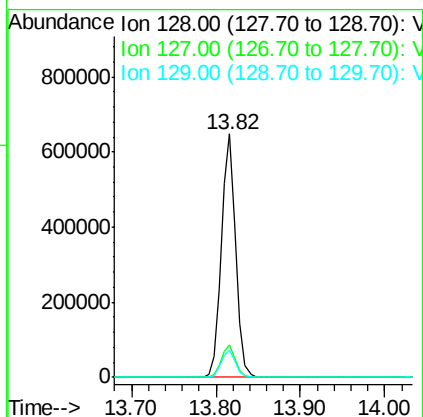
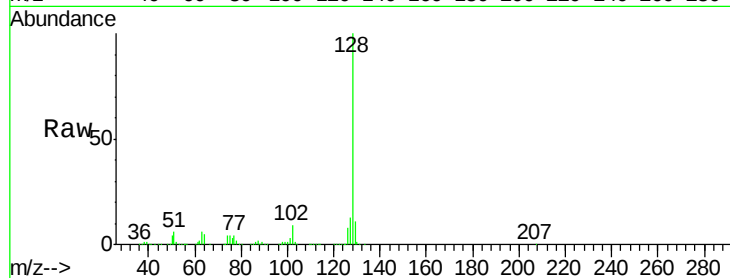
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	756180
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

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11/24/2020 3:00:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.891 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion:	180	Resp:	217735
Ion Ratio	Lower	Upper	
180	100		
182	101.0	48.1	144.3
145	33.5	16.6	49.8

