

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019645.D
 Acq On : 25 Nov 2020 07:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:55:08 AM

Quant Time: Nov 25 07:55:37 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	5.62	168	260697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172728	51.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.20%
35) Dibromofluoromethane	5.46	113	140175	49.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.52%
50) Toluene-d8	8.70	98	541602	49.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.94%
62) 4-Bromofluorobenzene	11.12	95	204992	52.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126070	49.729	ug/l	99
3) Chloromethane	1.31	50	142296	48.913	ug/l	100
4) Vinyl Chloride	1.39	62	154214	49.244	ug/l	99
5) Bromomethane	1.62	94	58832	49.599	ug/l	100
6) Chloroethane	1.70	64	63702	86.598	ug/l	98
7) Trichlorofluoromethane	1.90	101	219051	48.463	ug/l	99
8) Diethyl Ether	2.17	74	90863	50.195	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121053	48.006	ug/l	98
10) Methyl Iodide	2.48	142	173395	52.342	ug/l	99
11) Tert butyl alcohol	3.04	59	188564	294.771	ug/l	100
12) 1,1-Dichloroethene	2.35	96	125216	48.380	ug/l	99
13) Acrolein	2.28	56	87402	203.260	ug/l	100
14) Allyl chloride	2.70	41	198644	48.993	ug/l	100
15) Acrylonitrile	3.12	53	405449	268.753	ug/l	100
16) Acetone	2.42	43	321691	246.098	ug/l	99
17) Carbon Disulfide	2.54	76	321272	46.205	ug/l	100
18) Methyl Acetate	2.75	43	171281	53.398	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	478985	53.614	ug/l	99
20) Methylene Chloride	2.83	84	160967	49.268	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	148033	50.482	ug/l	97
22) Diisopropyl ether	3.82	45	435597	51.933	ug/l	99
23) Vinyl Acetate	3.78	43	1882130	267.520	ug/l	100
24) 1,1-Dichloroethane	3.67	63	264921	51.638	ug/l	99
25) 2-Butanone	4.64	43	521044	265.349	ug/l	99
26) 2,2-Dichloropropane	4.55	77	166004	37.071	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	174704	51.866	ug/l	98
28) Bromochloromethane	4.98	49	115584	47.123	ug/l	99
29) Tetrahydrofuran	5.09	42	328383	262.103	ug/l	100
30) Chloroform	5.18	83	275406	51.338	ug/l	97
31) Cyclohexane	5.54	56	217242	49.415	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	237754	51.594	ug/l	99
36) 1,1-Dichloropropene	5.76	75	202743	48.186	ug/l	99
37) Ethyl Acetate	4.80	43	201681	51.059	ug/l	99
38) Carbon Tetrachloride	5.75	117	201095	49.378	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227521	46.442	ug/l	99
40) Benzene	6.11	78	625012	48.347	ug/l	99
41) Methacrylonitrile	5.00	41	112194	51.507	ug/l	98
42) 1,2-Dichloroethane	6.16	62	217557	49.099	ug/l	100
43) Isopropyl Acetate	6.41	43	334991	50.451	ug/l	100
44) Trichloroethene	7.18	130	165509	48.877	ug/l	99
45) 1,2-Dichloropropane	7.49	63	158663	49.854	ug/l	97
46) Dibromomethane	7.63	93	108689	49.898	ug/l	99
47) Bromodichloromethane	7.87	83	217965	51.568	ug/l	100
48) Methyl methacrylate	7.74	41	166046	53.397	ug/l	100
49) 1,4-Dioxane	7.72	88	82059	1162.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1032501	266.662	ug/l	100
52) Toluene	8.76	92	397919	50.316	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	229635	50.306	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	252637	49.871	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162954	50.594	ug/l	96
56) Ethyl methacrylate	9.16	69	250042	54.864	ug/l	100
57) 1,3-Dichloropropane	9.35	76	278006	51.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660203	247.222	ug/l	99
59) 2-Hexanone	9.48	43	772593	263.093	ug/l	99
60) Dibromochloromethane	9.56	129	168693	53.472	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171314	51.601	ug/l	99
64) Tetrachloroethene	9.32	164	140597	43.317	ug/l	98
65) Chlorobenzene	10.12	112	427596	50.366	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	159647	51.698	ug/l	99
67) Ethyl Benzene	10.23	91	752190	50.575	ug/l	99
68) m/p-Xylenes	10.34	106	576385	104.021	ug/l	99
69) o-Xylene	10.68	106	275414	51.996	ug/l	99
70) Styrene	10.70	104	473872	48.386	ug/l	99
71) Bromoform	10.84	173	121217	46.602	ug/l #	98
73) Isopropylbenzene	11.00	105	732981	53.088	ug/l	99
74) N-amyl acetate	10.88	43	289896	56.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	253537	51.350	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	223630m	51.343	ug/l	
77) Bromobenzene	11.24	156	185377	52.594	ug/l	98
78) n-propylbenzene	11.34	91	827015	52.214	ug/l	99
79) 2-Chlorotoluene	11.40	91	507846	52.868	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	616853	53.258	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	71488	44.810	ug/l	99
82) 4-Chlorotoluene	11.49	91	591383	52.298	ug/l	100
83) tert-Butylbenzene	11.76	119	604661	53.962	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621951	53.072	ug/l	99
85) sec-Butylbenzene	11.93	105	688021	51.613	ug/l	100
86) p-Isopropyltoluene	12.05	119	621735	51.370	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	330652	51.082	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	327691	49.147	ug/l	98
89) n-Butylbenzene	12.37	91	530889	48.519	ug/l	99
90) Hexachloroethane	12.58	117	106027	52.353	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	331598	51.005	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53685	53.297	ug/l	98

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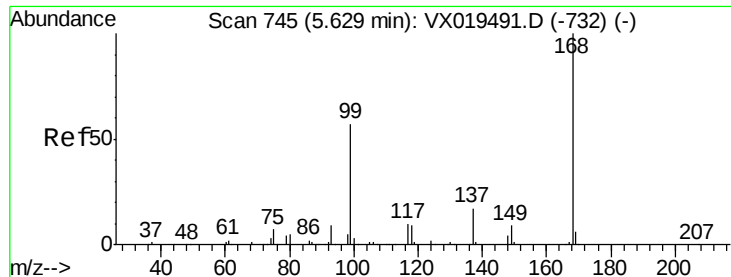
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	209600	50.216	ug/l	97
94) Hexachlorobutadiene	13.76	225	82383	43.327	ug/l	98
95) Naphthalene	13.82	128	726259	49.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	212579	50.917	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 260697

Ion Ratio Lower Upper

168 100

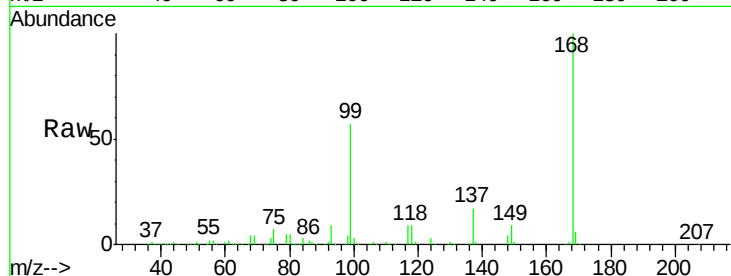
99 56.4 45.8 68.6

Manual Integrations

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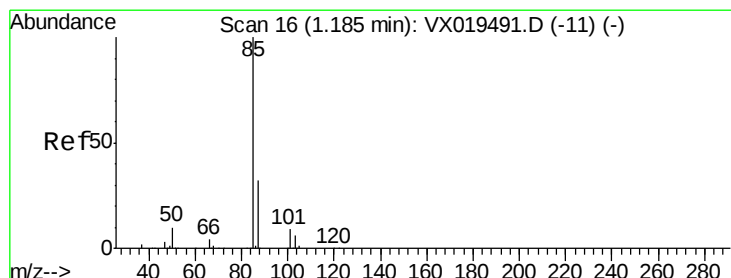
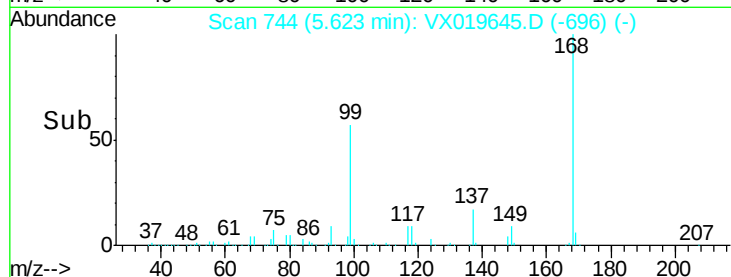
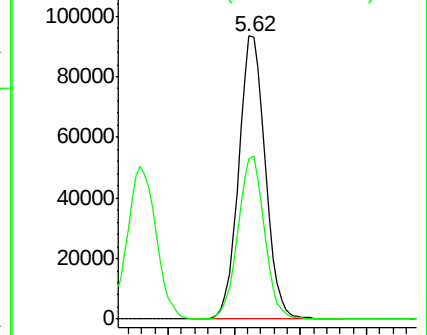
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.729 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019645.D

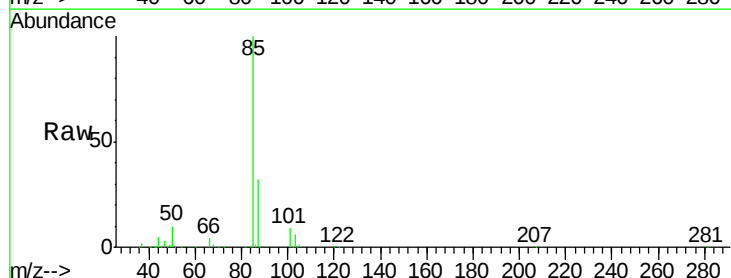
Acq: 25 Nov 2020 07:24

Tgt Ion: 85 Resp: 126070

Ion Ratio Lower Upper

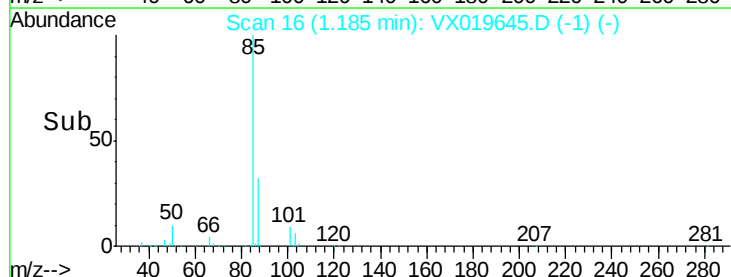
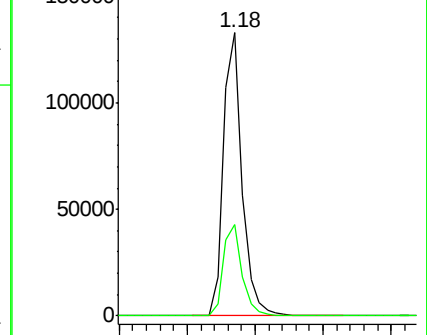
85 100

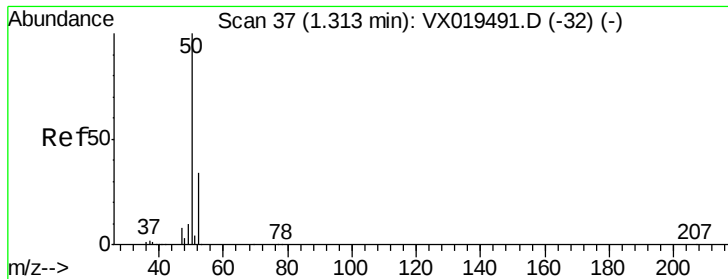
87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.913 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 142296

Ion Ratio Lower Upper

50 100

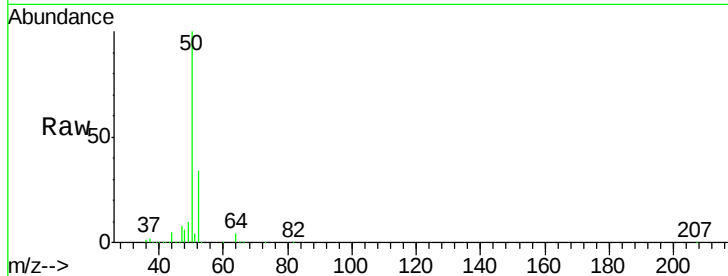
52 33.6 27.0 40.6

Manual Integrations

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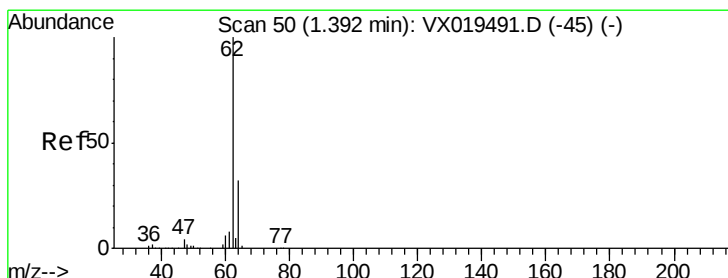
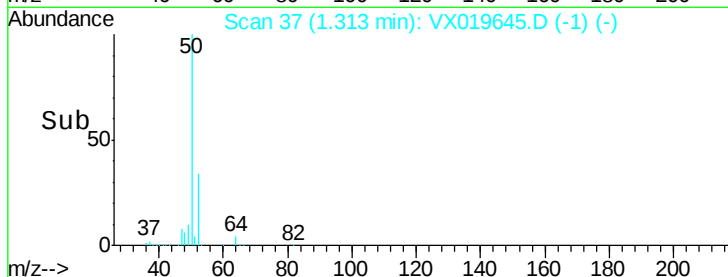
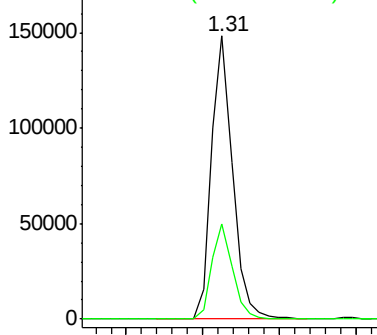
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.244 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019645.D

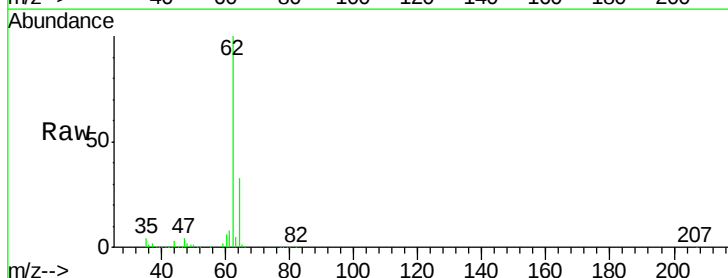
Acq: 25 Nov 2020 07:24

Tgt Ion: 62 Resp: 154214

Ion Ratio Lower Upper

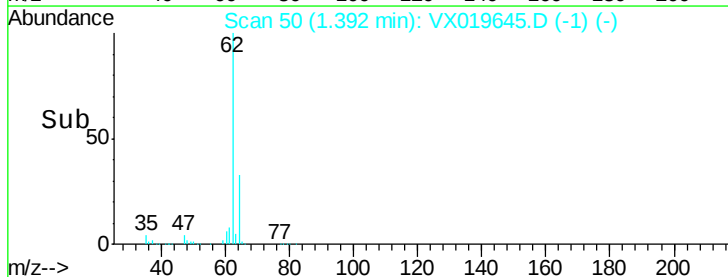
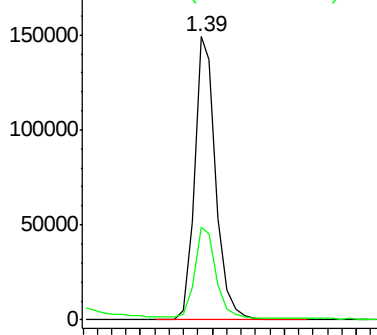
62 100

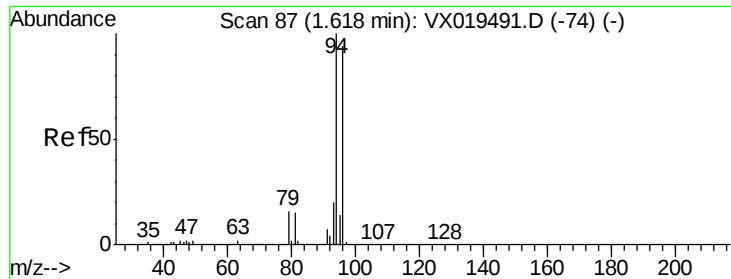
64 32.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.599 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 58832

Ion Ratio Lower Upper

94 100

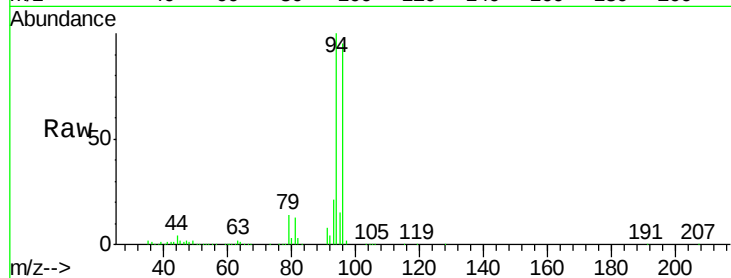
96 95.0 75.6 113.4

Manual Integrations

APPROVED

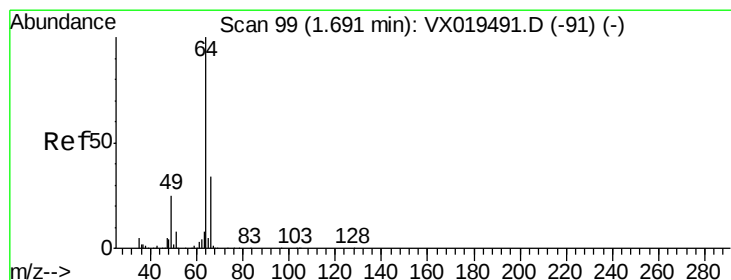
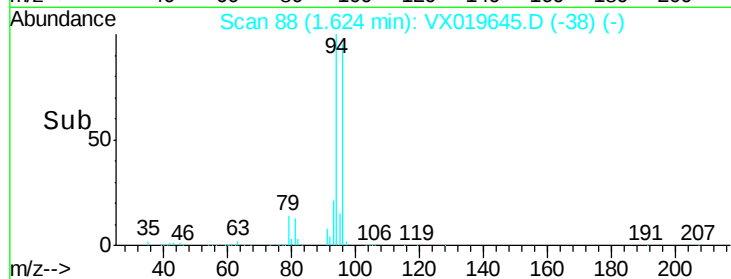
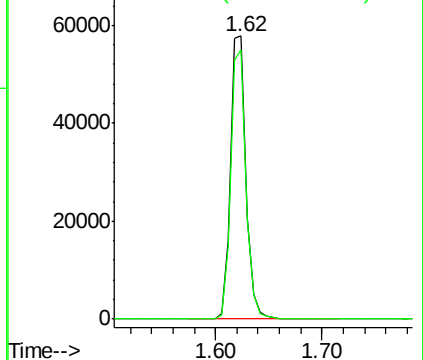
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 86.598 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019645.D

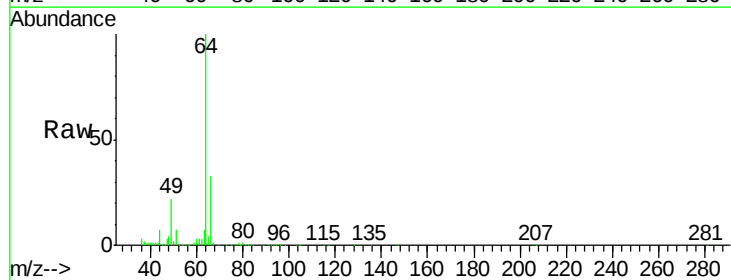
Acq: 25 Nov 2020 07:24

Tgt Ion: 64 Resp: 63702

Ion Ratio Lower Upper

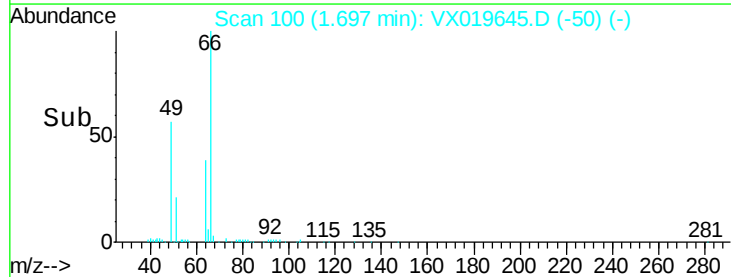
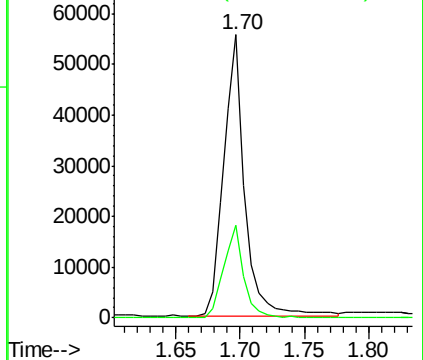
64 100

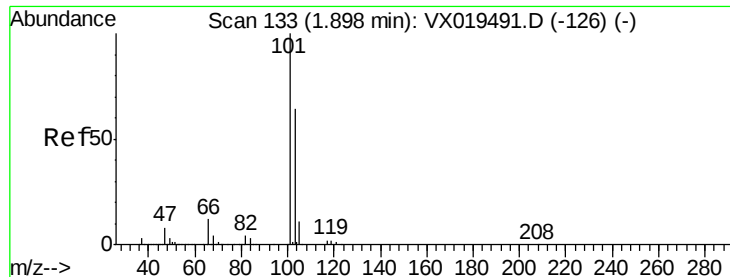
66 32.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

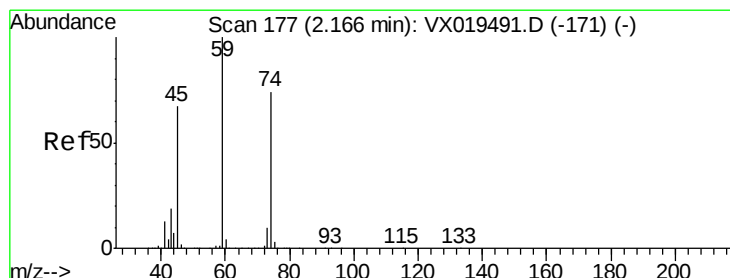
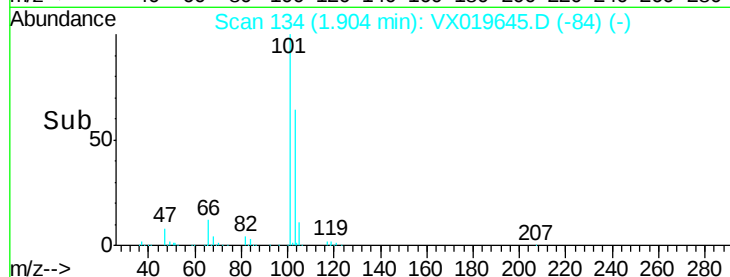
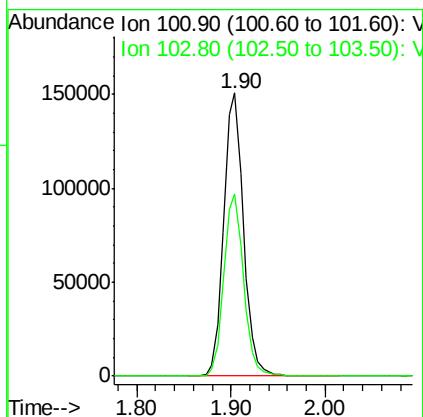
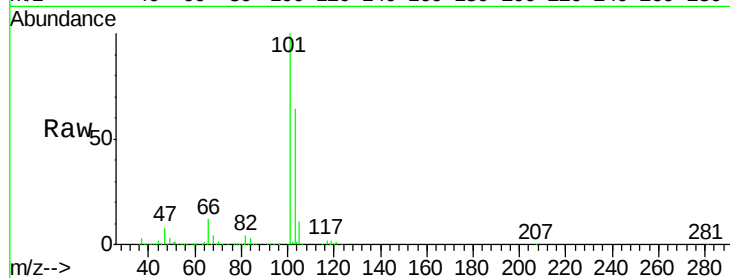
Trichlorofluoromethane
Concen: 48.463 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.9	76.3

Manual Integrations
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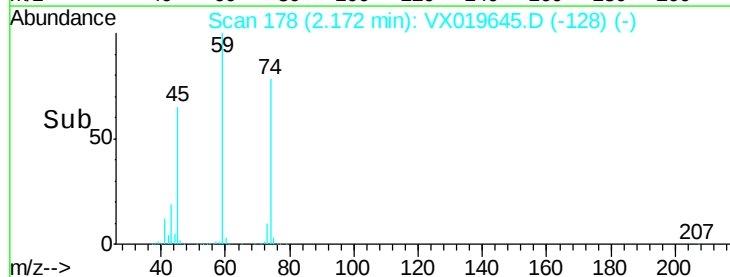
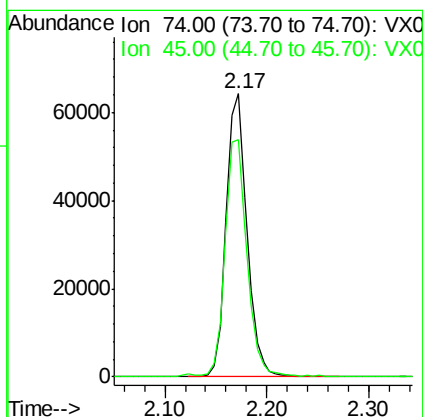
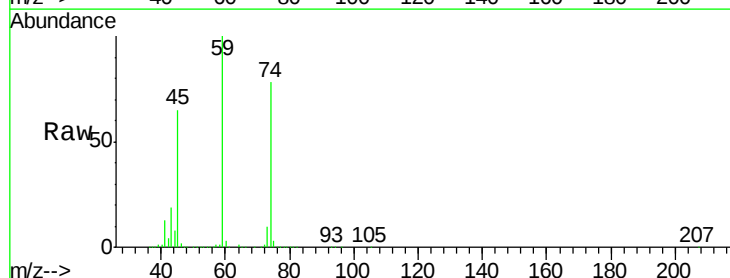
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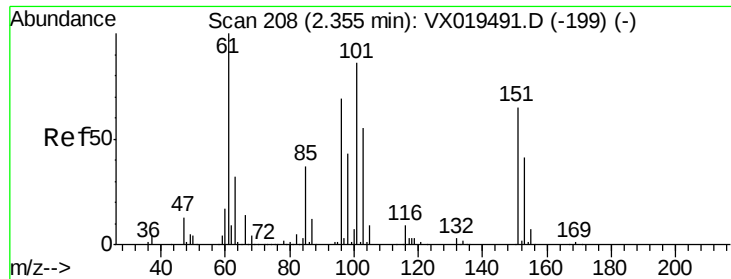


#8

Diethyl Ether
Concen: 50.195 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019645.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.8	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.006 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

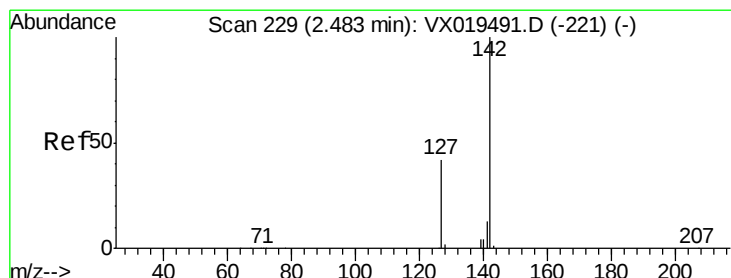
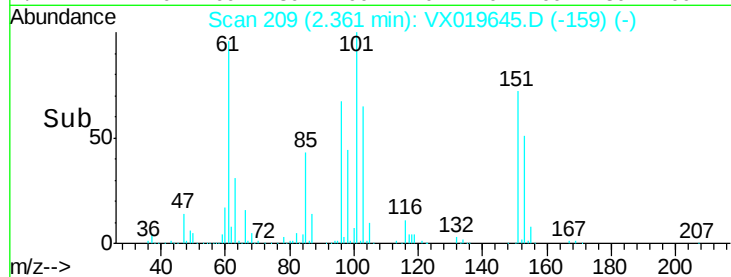
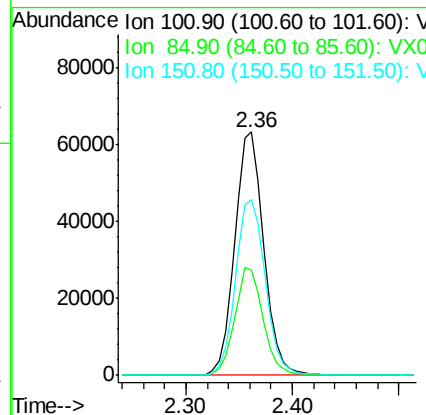
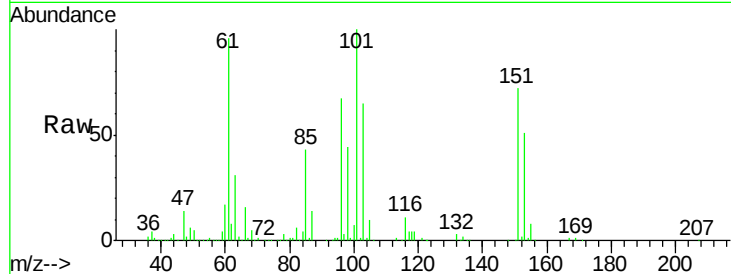
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121053
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	74.6	60.9	91.3

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#10

Methyl Iodide

Concen: 52.342 ug/l

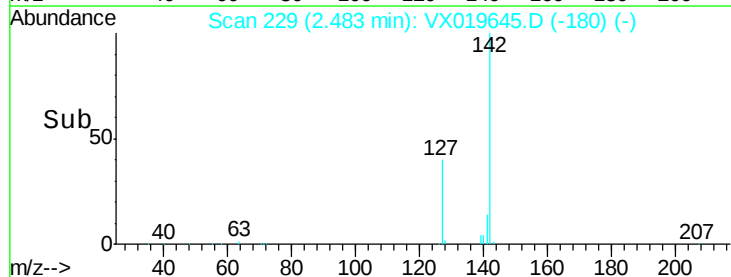
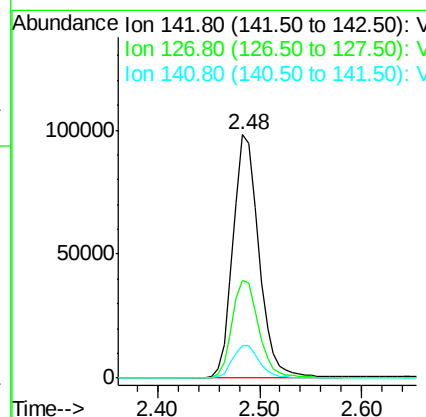
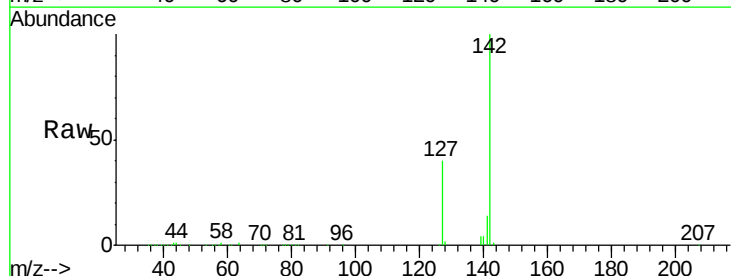
RT: 2.48 min Scan# 229

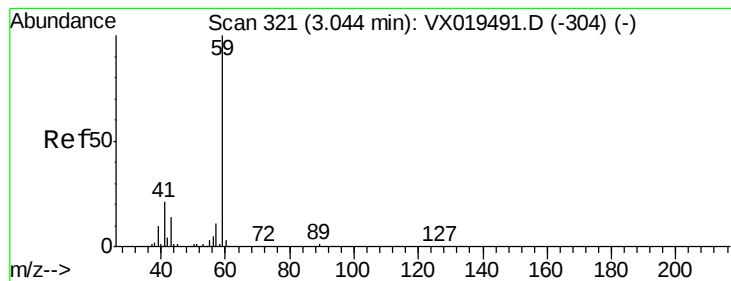
Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion:	142	Resp:	173395
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.8	50.6
141	14.0	11.0	16.6





#11

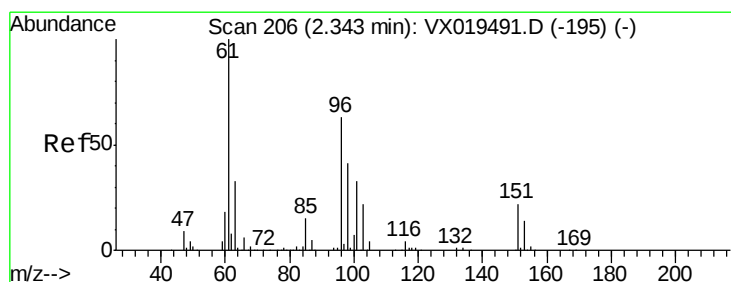
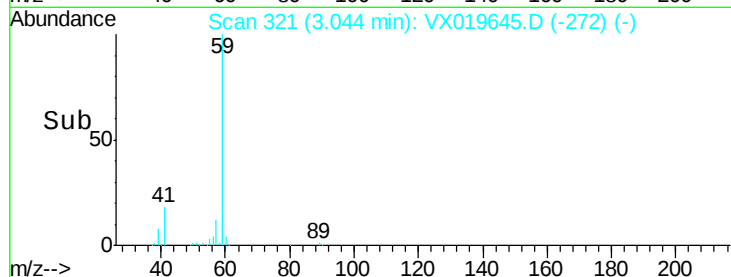
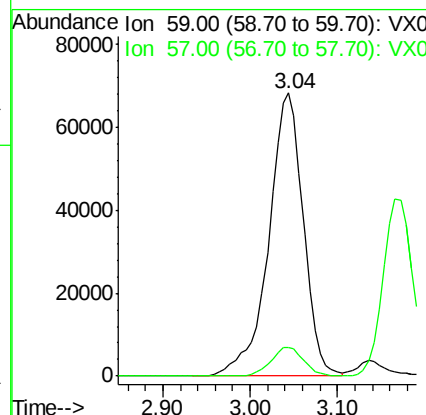
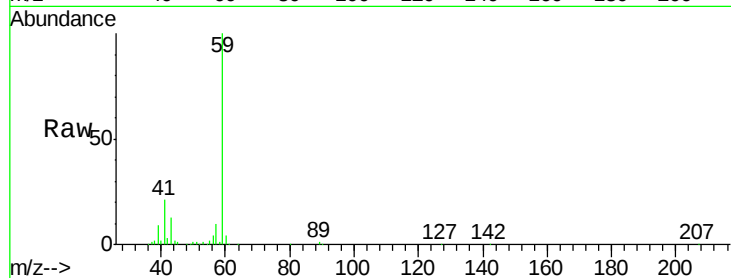
Tert butyl alcohol
 Concen: 294.771 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	188564
Ion Ratio	100	Lower	Upper
59	100		
57	9.7	7.9	11.9

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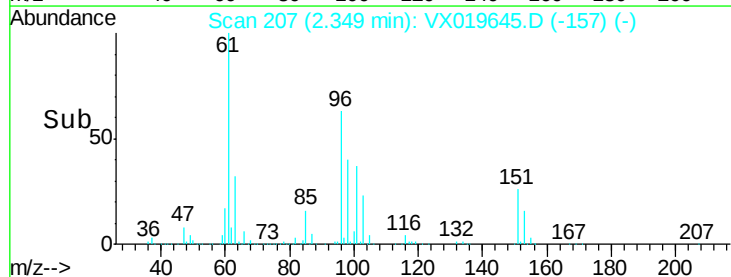
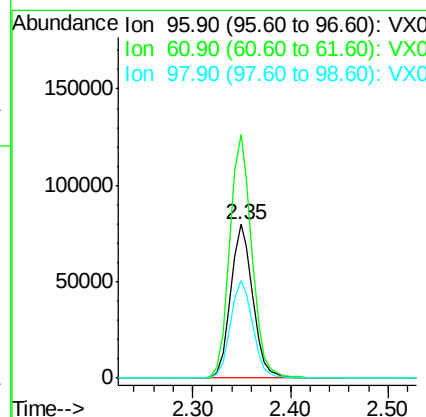
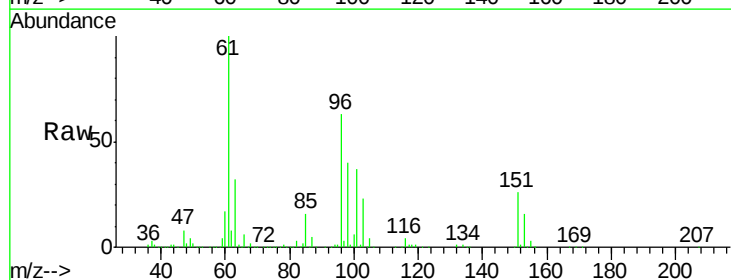
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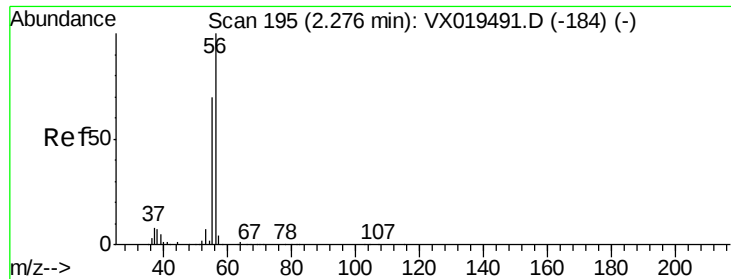


#12

1,1-Dichloroethene
 Concen: 48.380 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion	96	Resp	125216
Ion Ratio	100	Lower	Upper
96	100		
61	158.4	126.0	189.0
98	63.3	52.0	78.0





#13

Acrolein

Concen: 203.260 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 87402

Ion Ratio Lower Upper

56 100

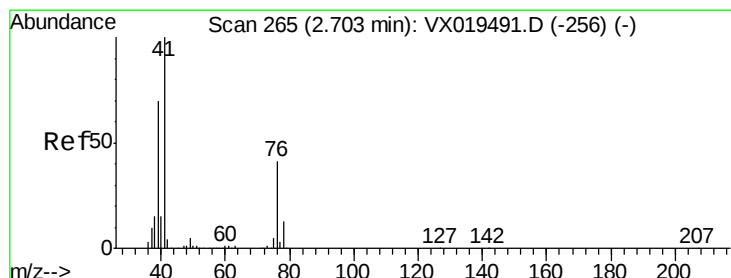
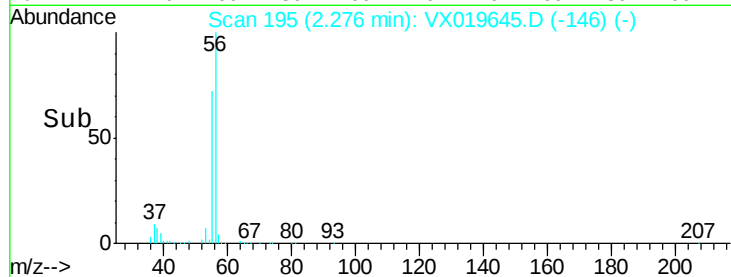
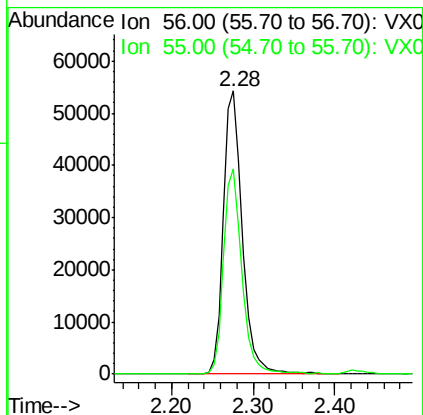
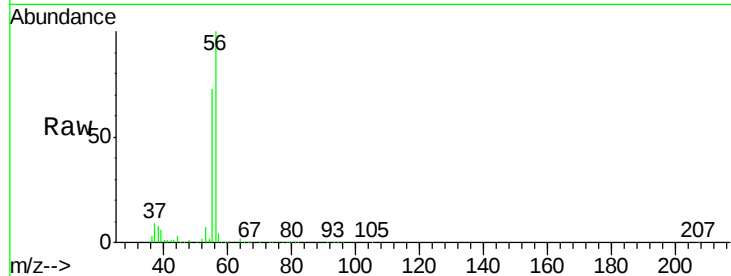
55 69.4 55.5 83.3

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#14

Allyl chloride

Concen: 48.993 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

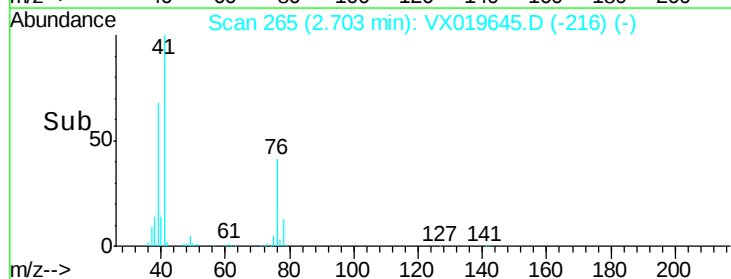
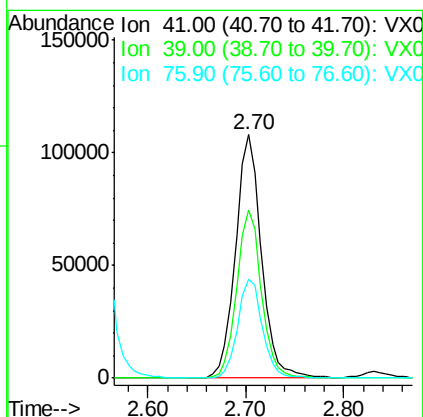
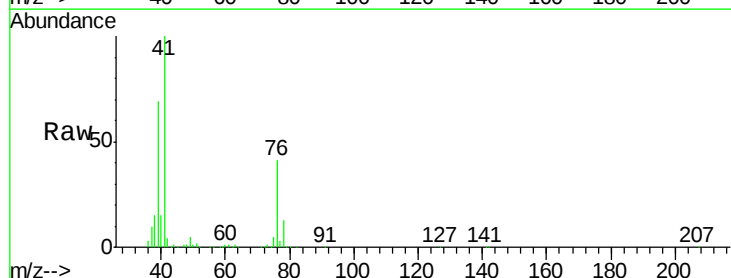
Tgt Ion: 41 Resp: 198644

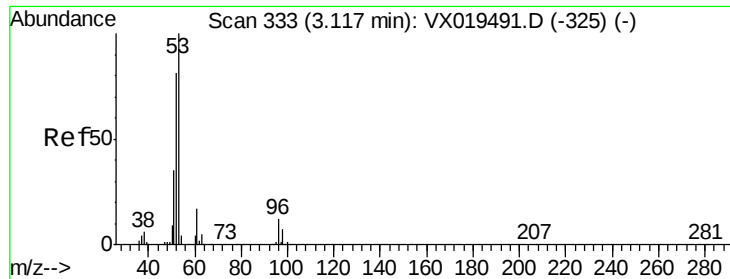
Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.4

76 39.0 31.0 46.6





#15

Acrylonitrile

Concen: 268.753 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

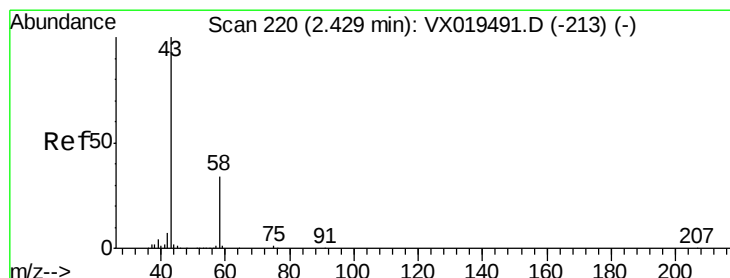
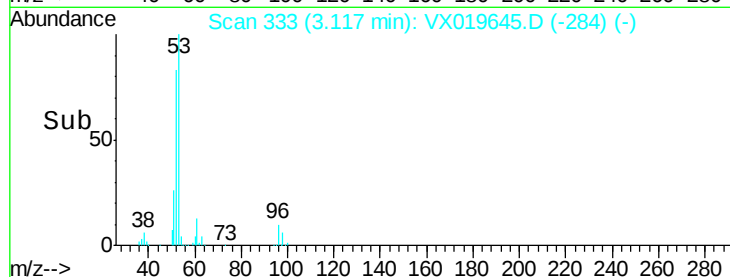
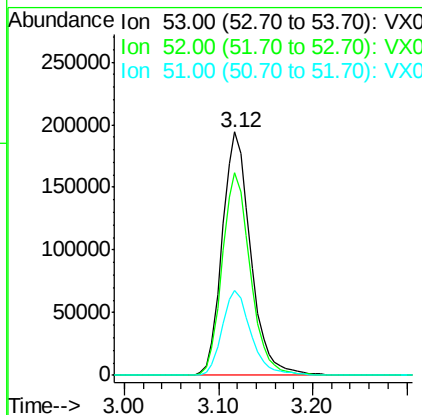
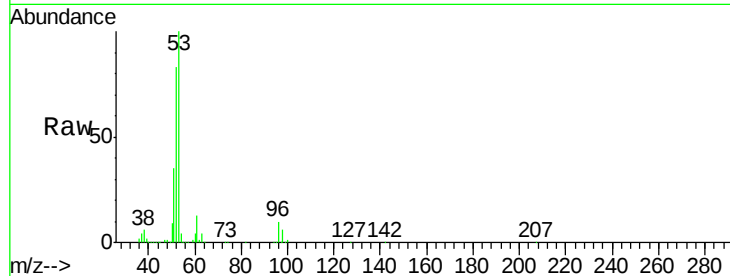
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	405449
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	35.7	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 246.098 ug/l

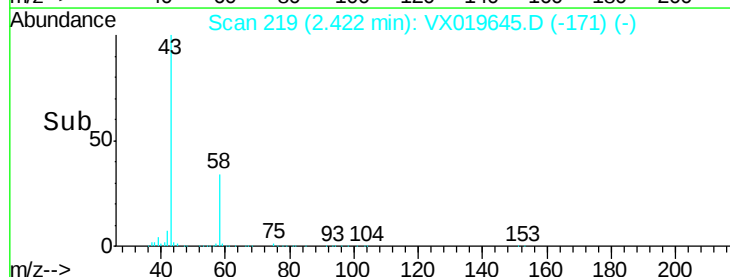
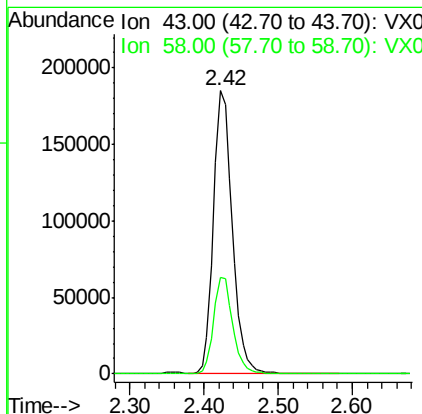
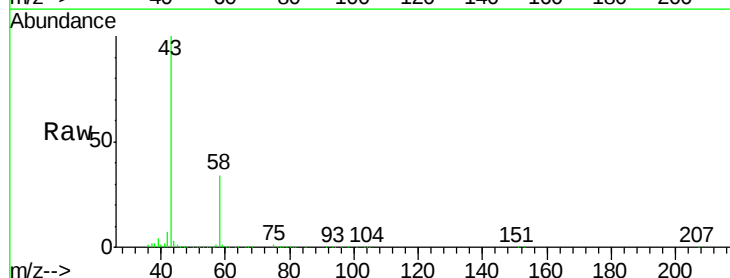
RT: 2.42 min Scan# 219

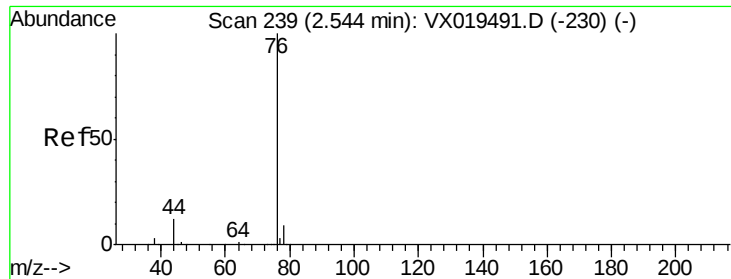
Delta R.T. -0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion:	43	Resp:	321691
Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.4	41.2





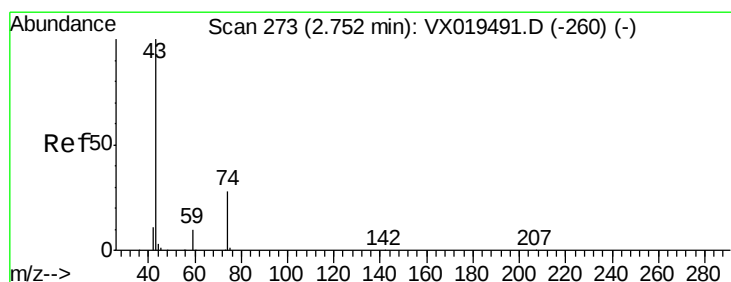
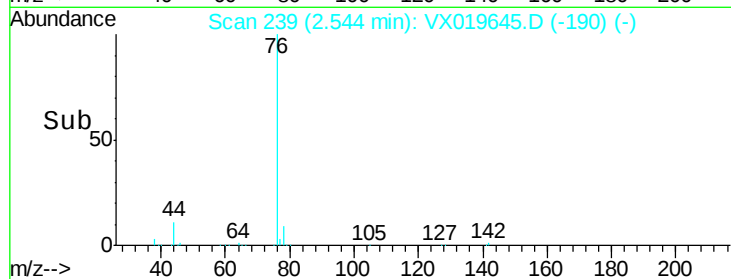
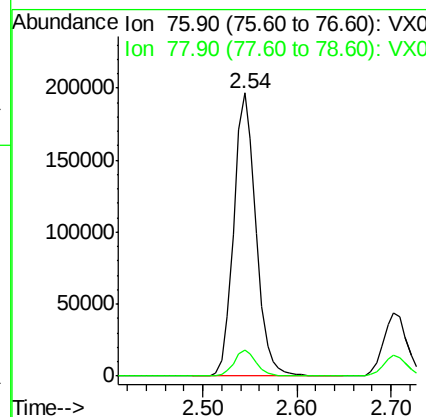
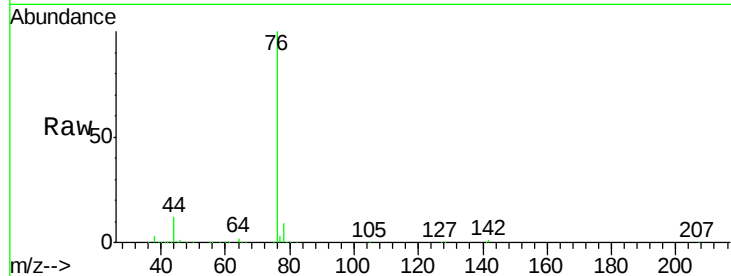
#17
Carbon Disulfide
Concen: 46.205 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

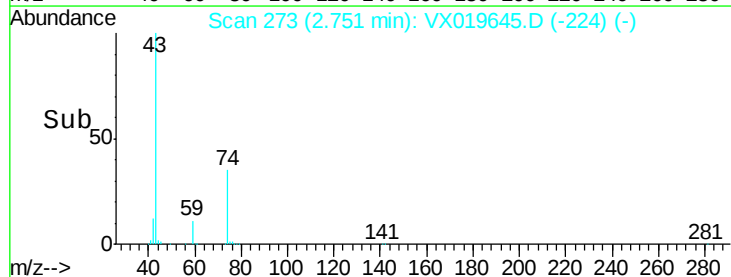
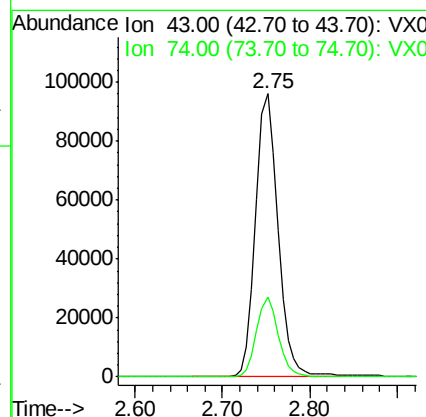
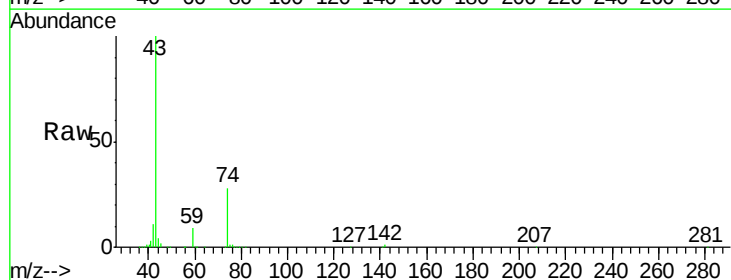
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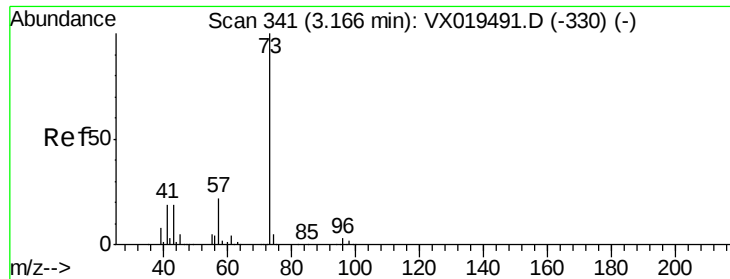
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#18
Methyl Acetate
Concen: 53.398 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	22.2	33.4





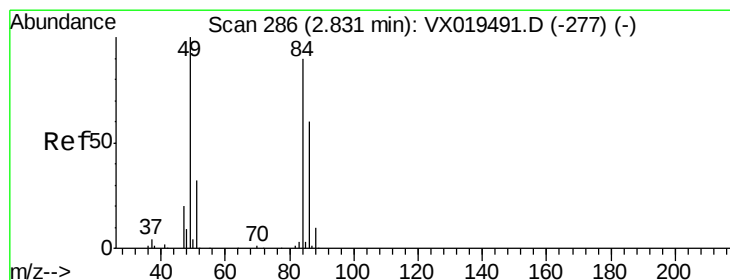
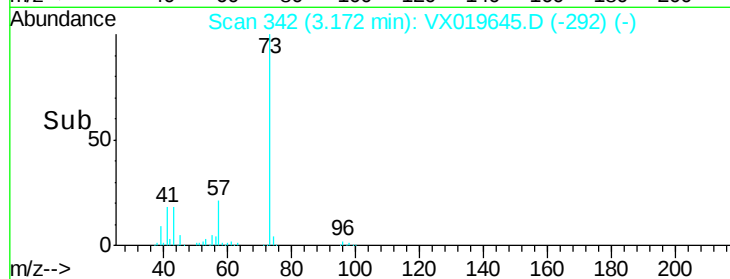
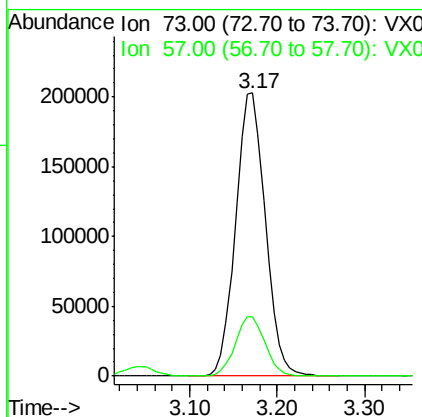
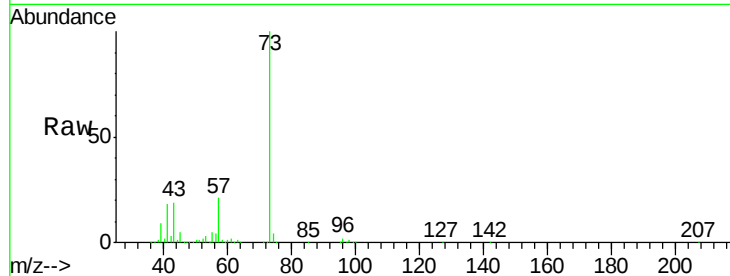
#19
Methvl tert-butvl Ether
Concen: 53.614 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.3	25.9

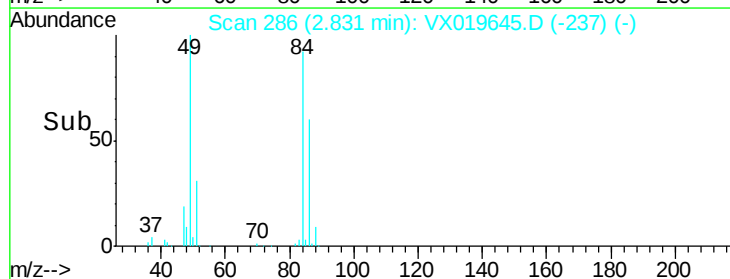
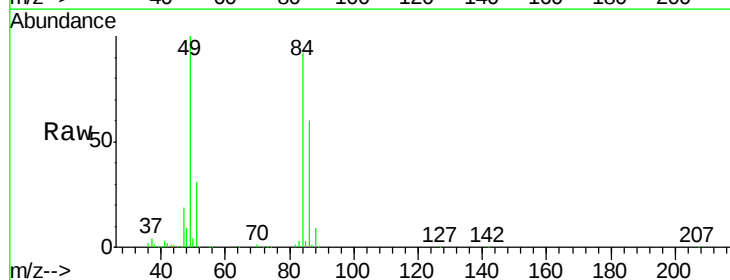
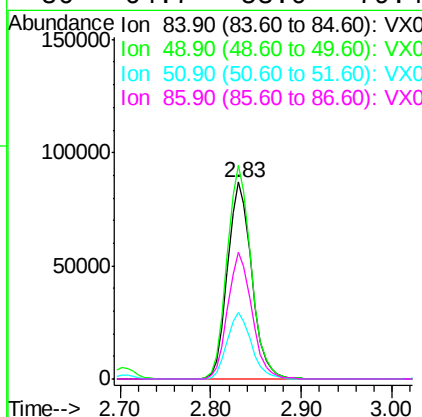
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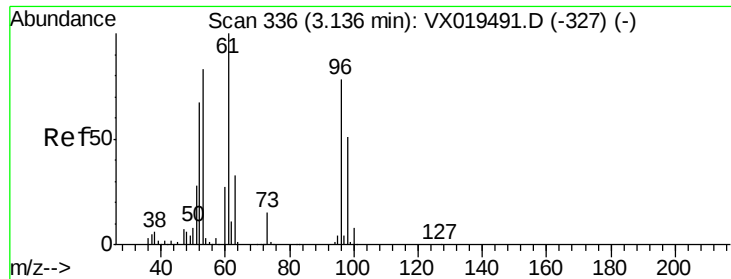
MMDadoda
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#20
Methylene Chloride
Concen: 49.268 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	88.5	132.7
51	33.6	28.0	42.0
86	64.7	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 50.482 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

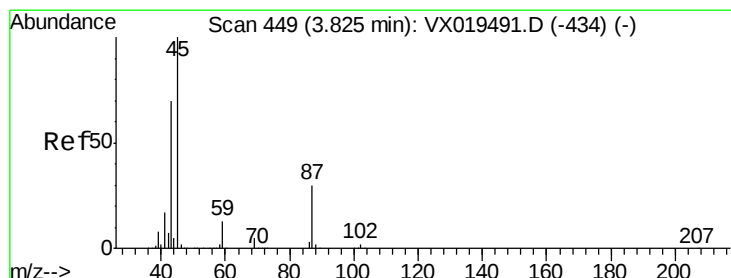
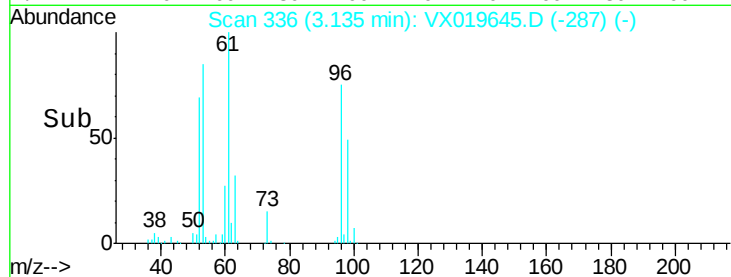
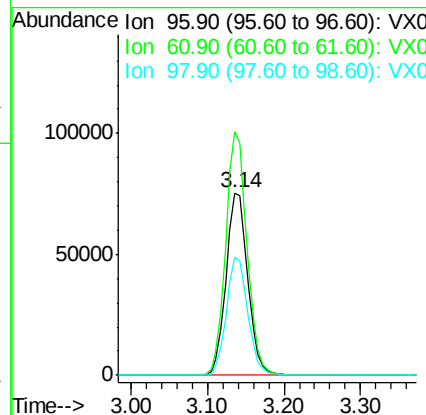
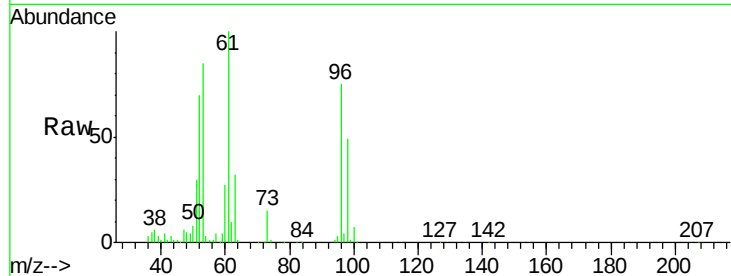
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	148033
Ion	Ratio	Lower	Upper
96	100		
61	133.3	102.9	154.3
98	64.7	52.1	78.1

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#22

Diisopropyl ether

Concen: 51.933 ug/l

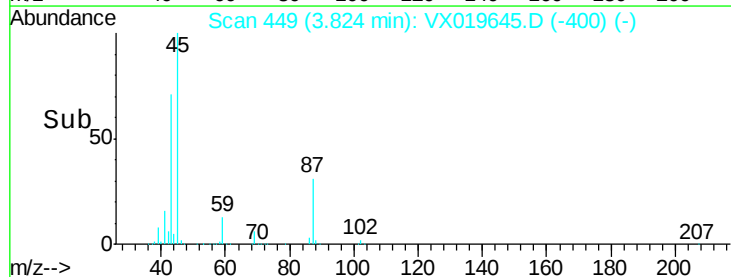
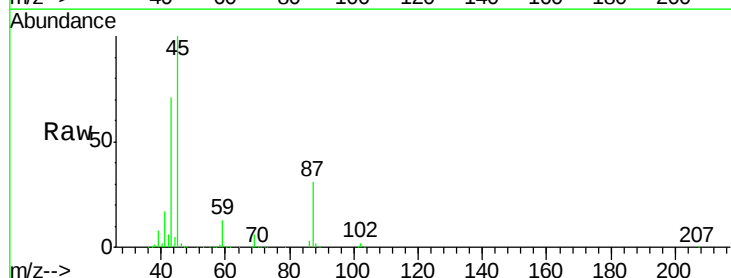
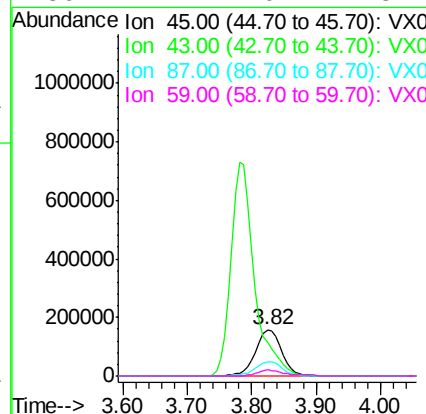
RT: 3.82 min Scan# 449

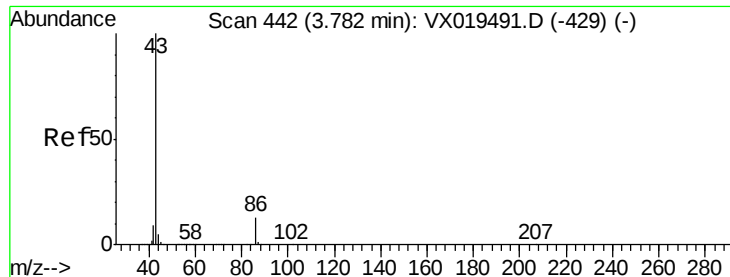
Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion:	45	Resp:	435597
Ion	Ratio	Lower	Upper
45	100		
43	70.5	56.1	84.1
87	31.3	24.2	36.2
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 267.520 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1882130

Ion Ratio Lower Upper

43 100

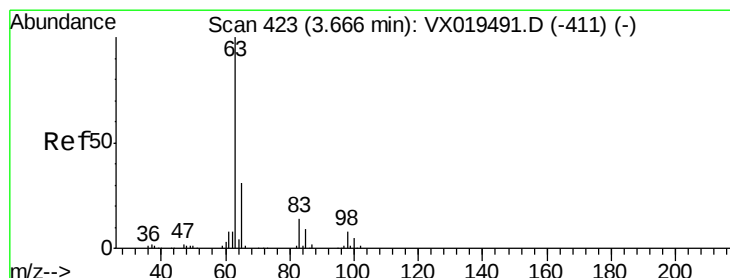
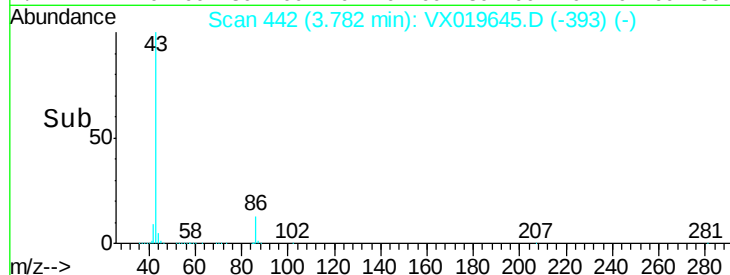
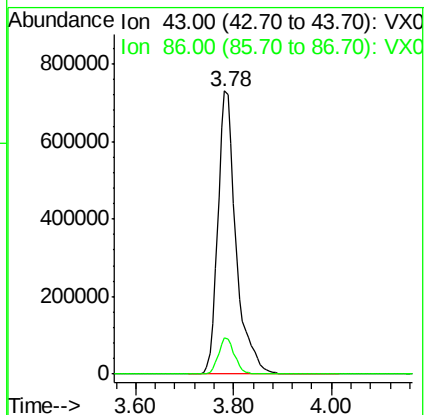
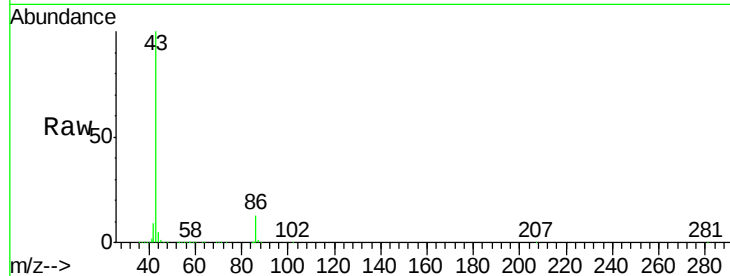
86 12.6 10.2 15.2

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#24

1,1-Dichloroethane

Concen: 51.638 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

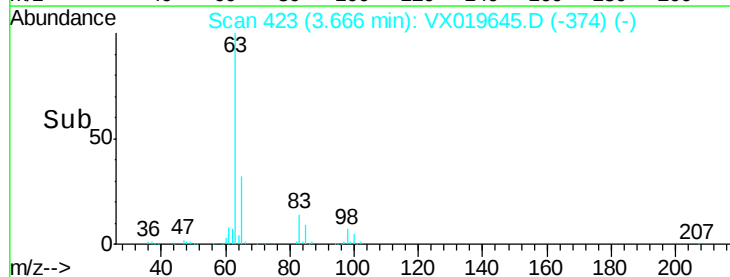
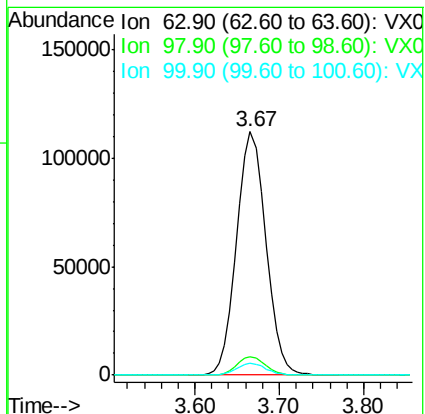
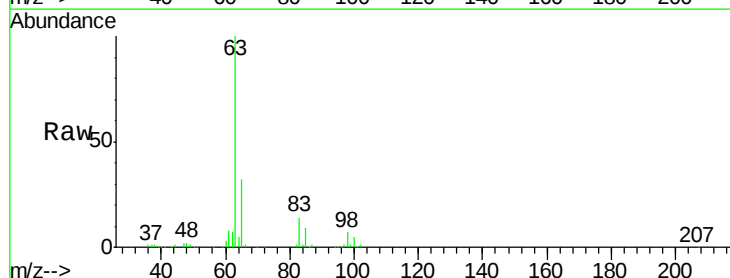
Tgt Ion: 63 Resp: 264921

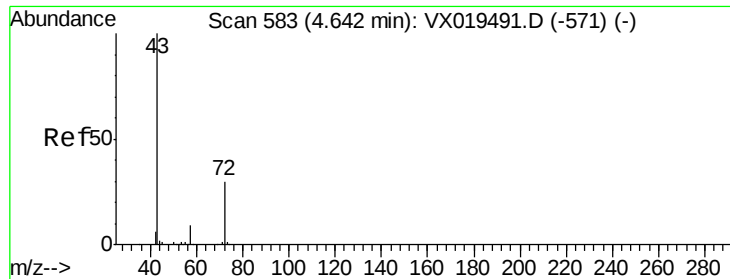
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 265.349 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 521044

Ion Ratio Lower Upper

43 100

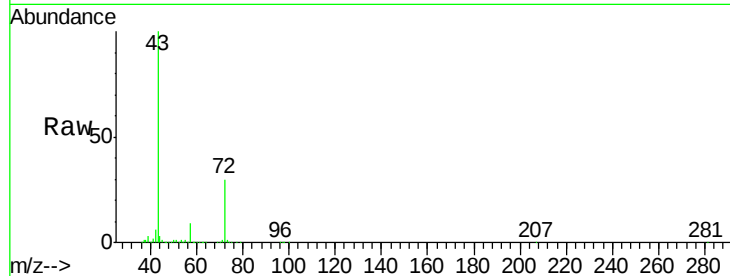
72 29.7 24.0 36.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

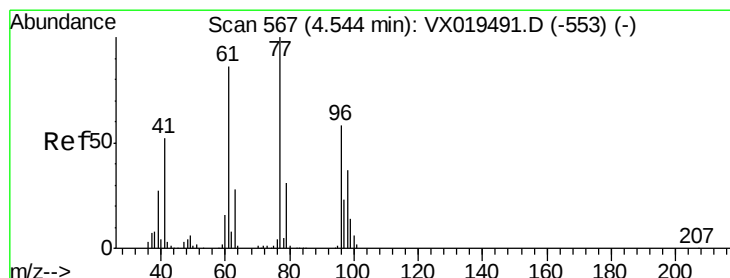
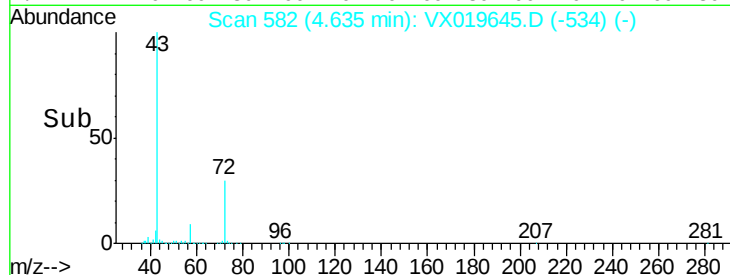
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 37.071 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019645.D

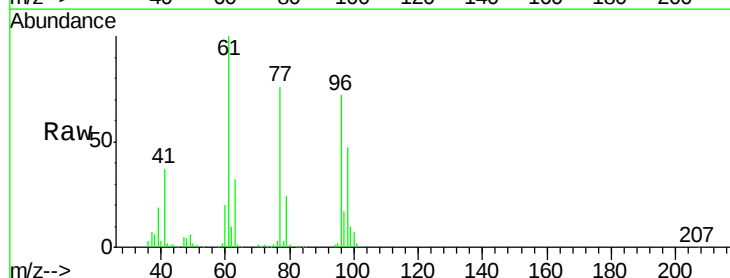
Acq: 25 Nov 2020 07:24

Tgt Ion: 77 Resp: 166004

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

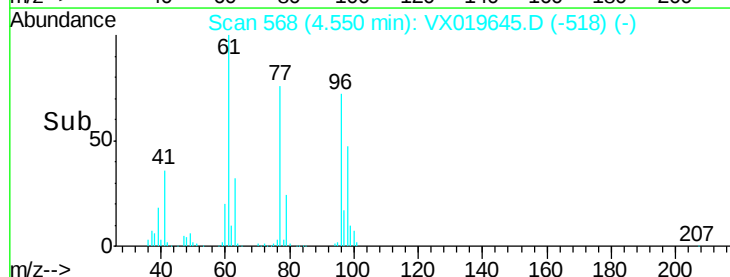
20000

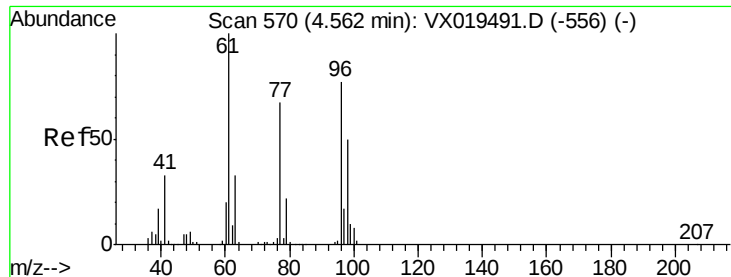
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

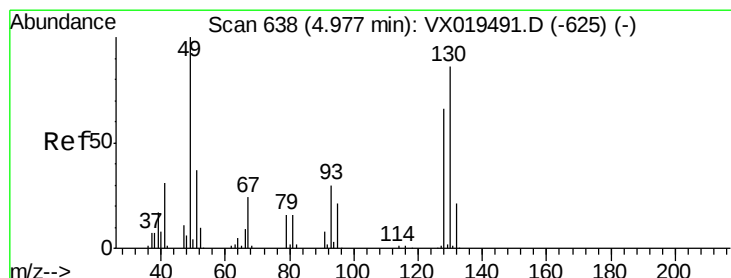
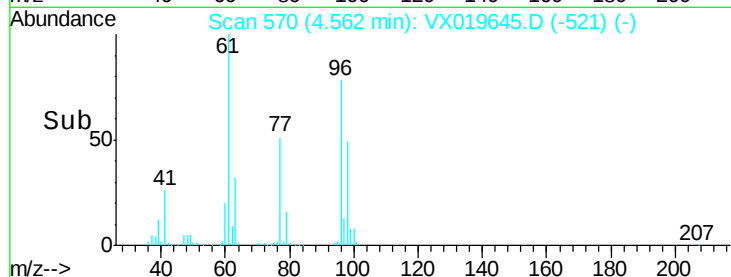
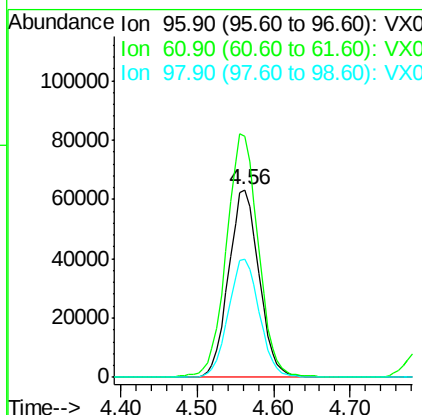
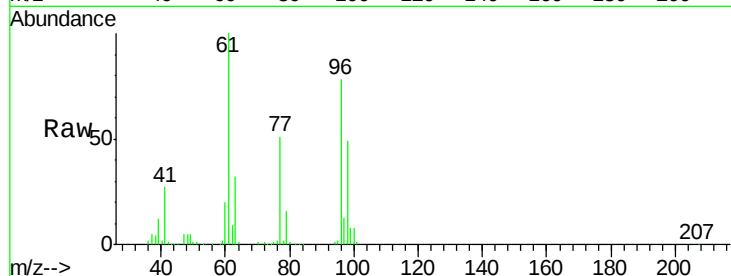
cis-1,2-Dichloroethene
Concen: 51.866 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	279.2
98	64.1	0.0	129.8

Manual Integrations
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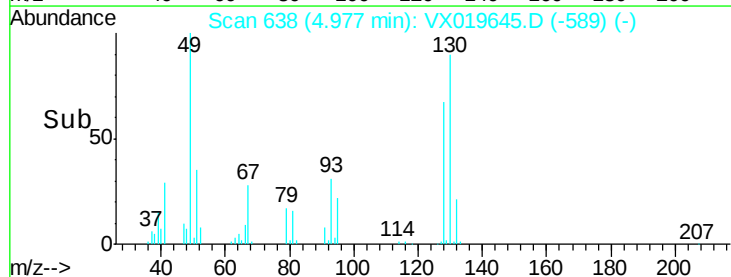
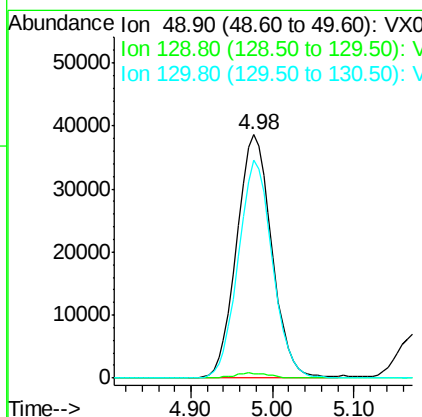
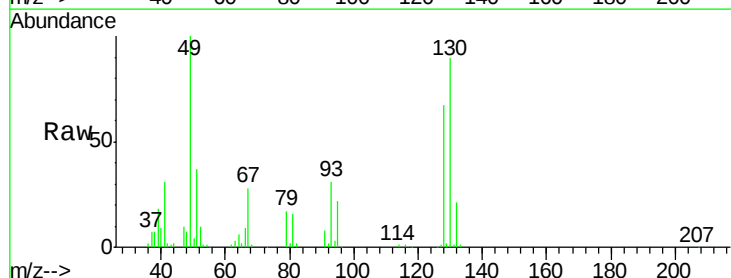
MMDadoda
11/25/2020 9:55:08 AM

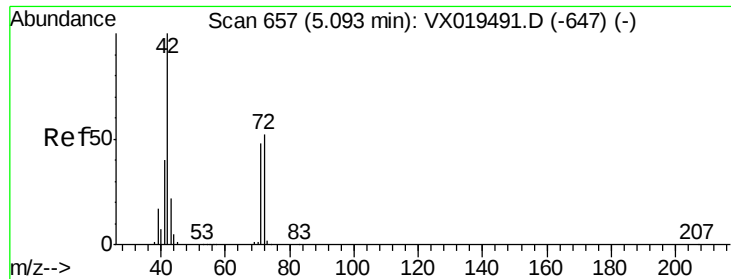


#28

Bromochloromethane
Concen: 47.123 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	87.2	69.0	103.6





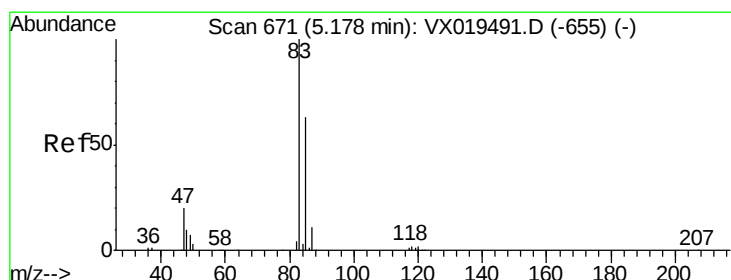
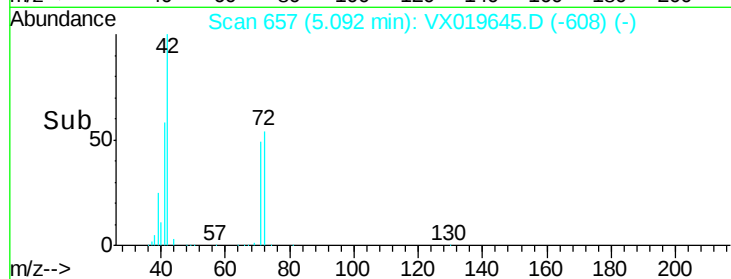
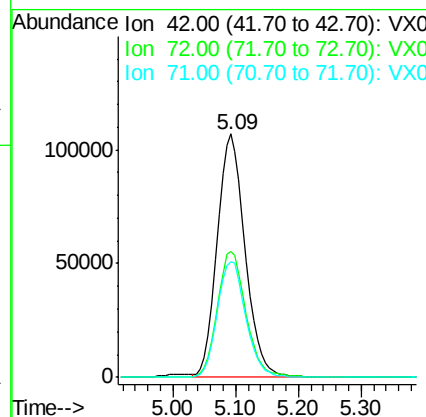
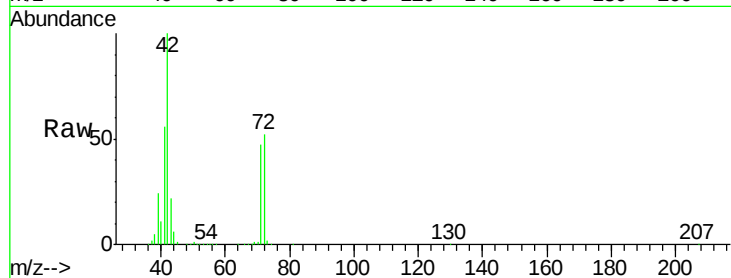
#29
Tetrahydrofuran
Concen: 262.103 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.4	42.6	63.8
71	48.8	39.0	58.6

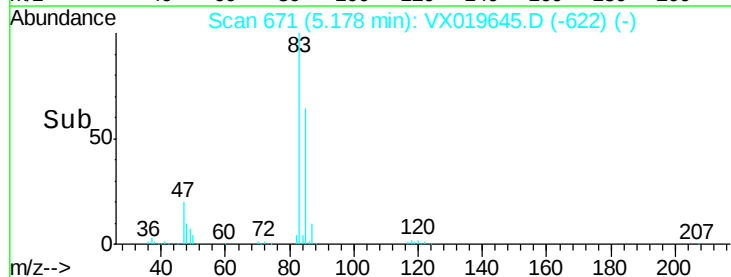
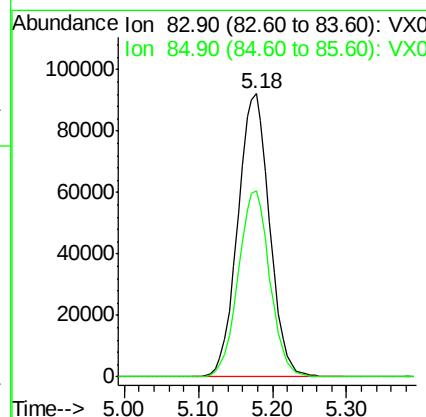
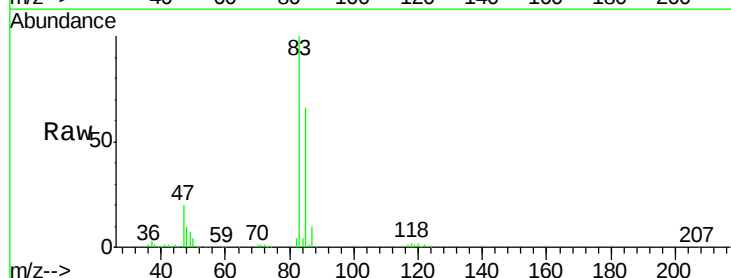
Manual Integrations
APPROVED

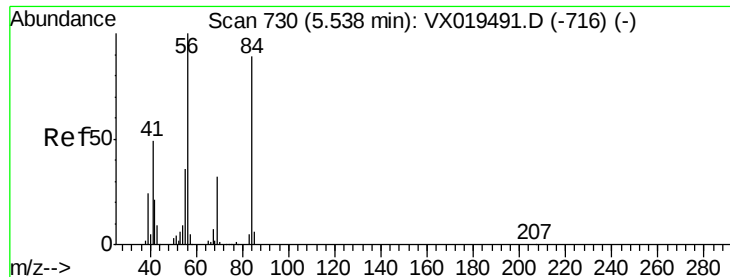
MMDadoda
11/25/2020 9:55:08 AM



#30
Chloroform
Concen: 51.338 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.5	75.7





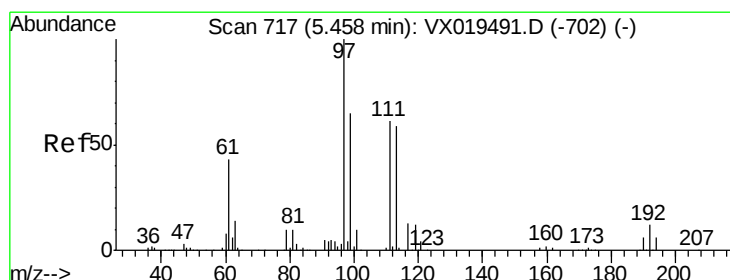
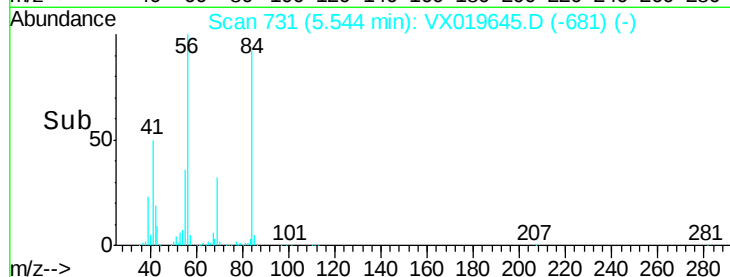
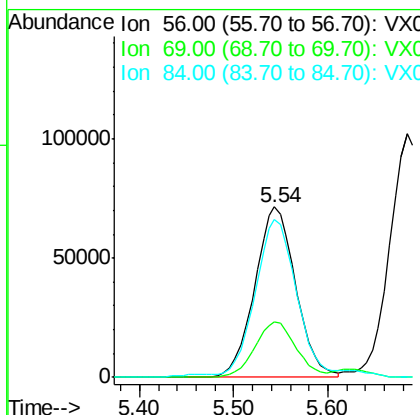
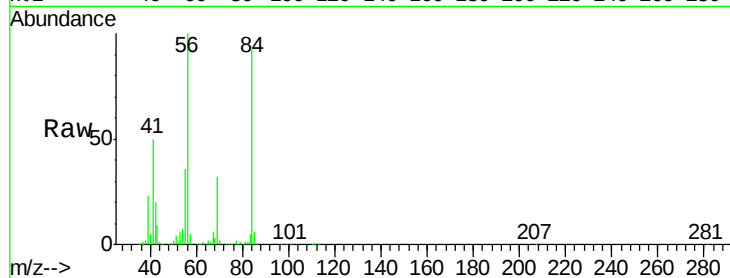
#31
Cyclohexane
Concen: 49.415 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.5	38.3
84	90.4	71.1	106.7

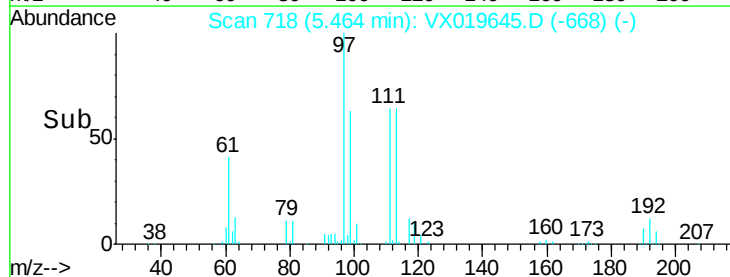
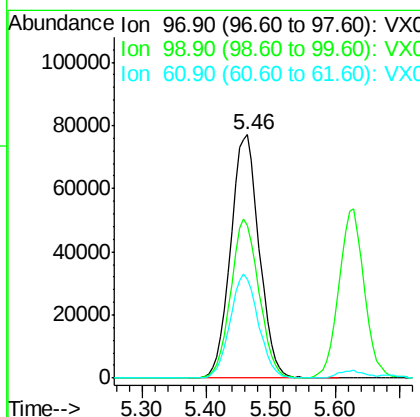
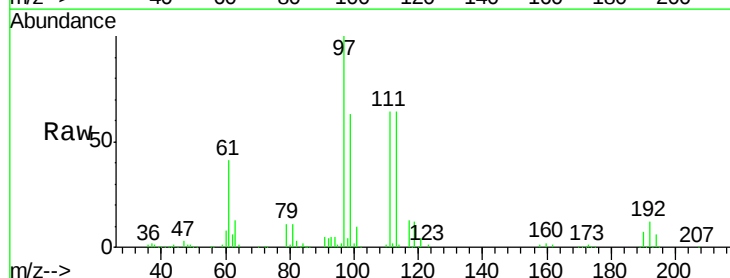
Manual Integrations
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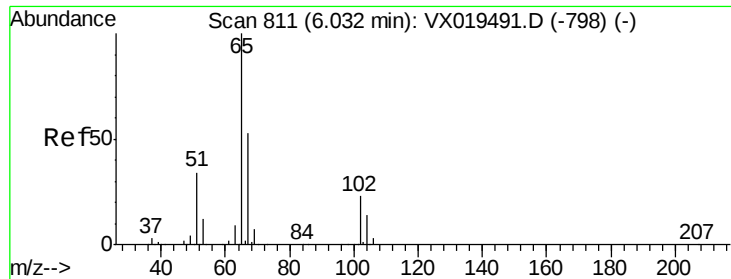
MMDadoda
11/25/2020 9:55:08 AM



#32
1,1,1-Trichloroethane
Concen: 51.594 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	42.3	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 51.101 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 172728

Ion Ratio Lower Upper

65 100

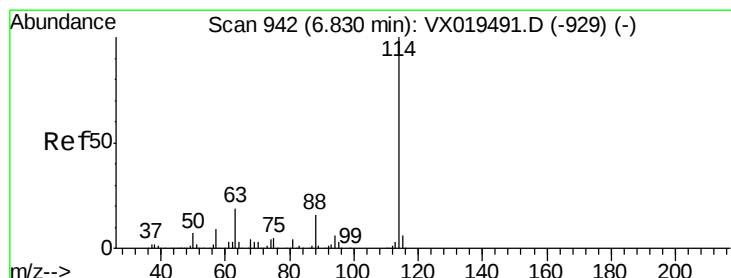
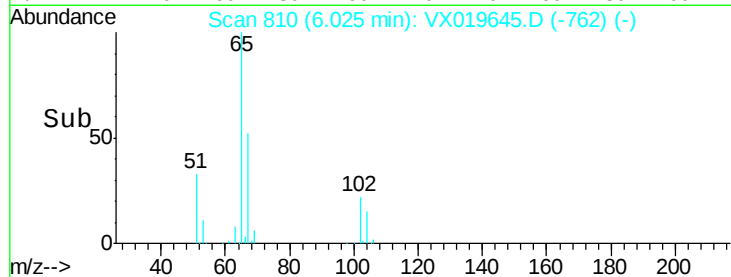
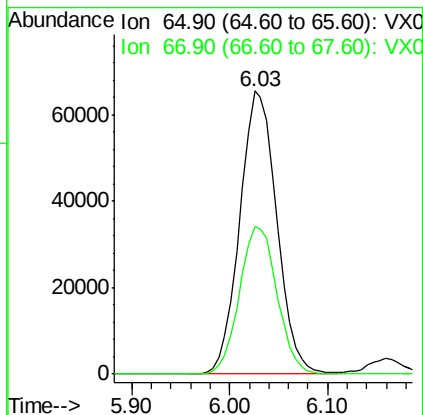
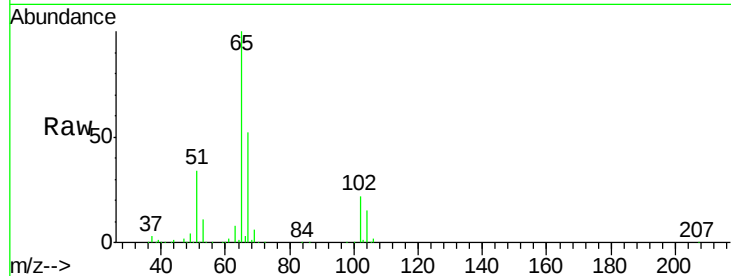
67 53.0 0.0 105.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

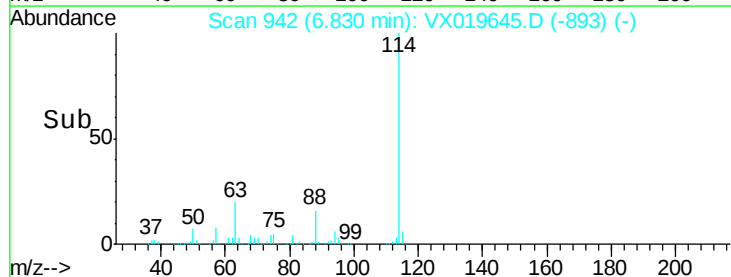
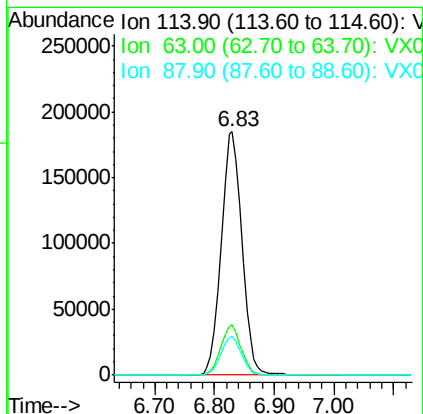
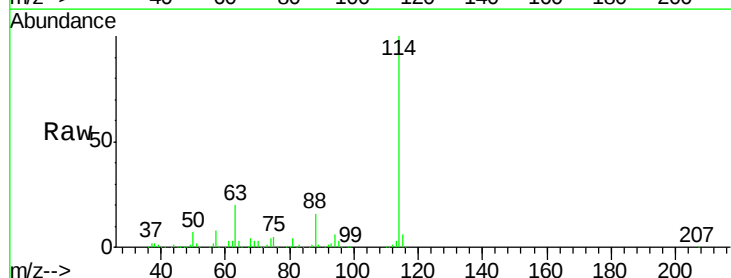
Tgt Ion: 114 Resp: 448801

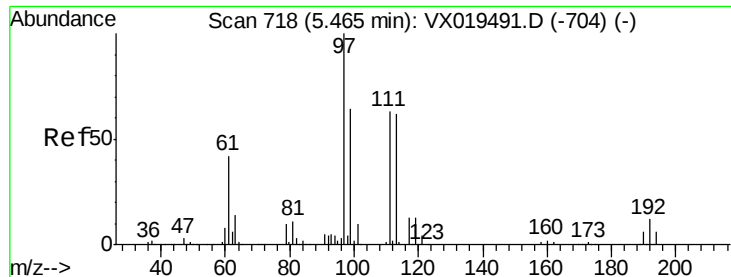
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.8

88 16.0 0.0 31.6





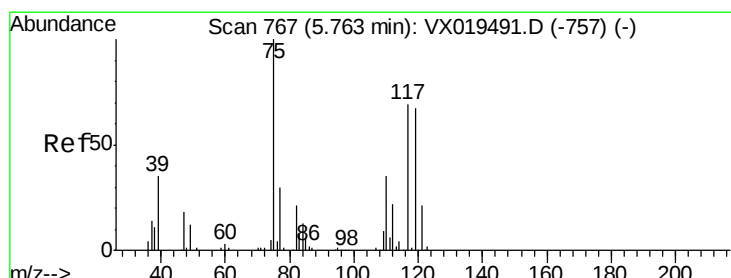
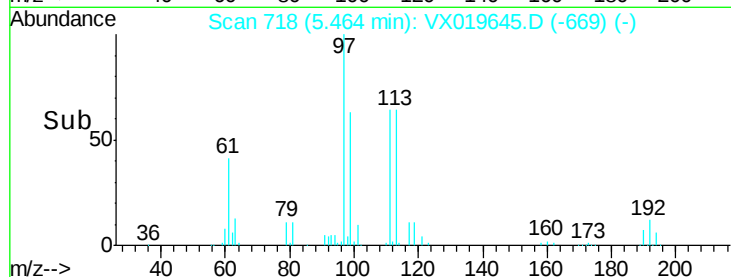
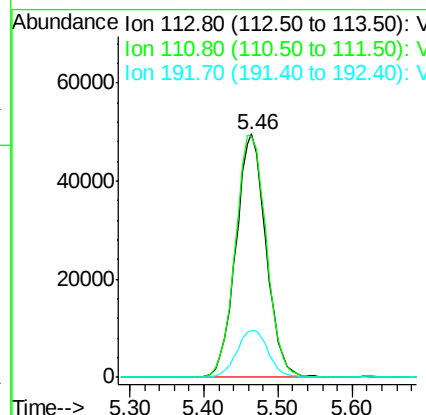
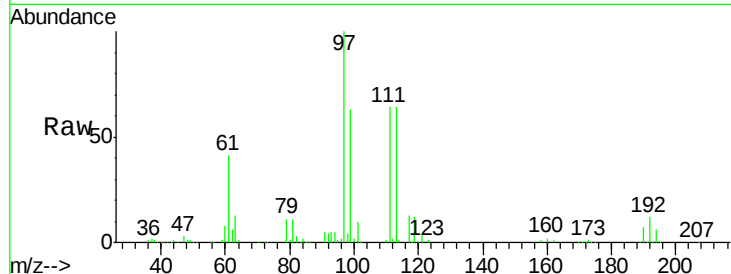
#35
Dibromofluoromethane
Concen: 49.758 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140175		
111	102.9	81.5	122.3	
192	20.2	16.2	24.2	

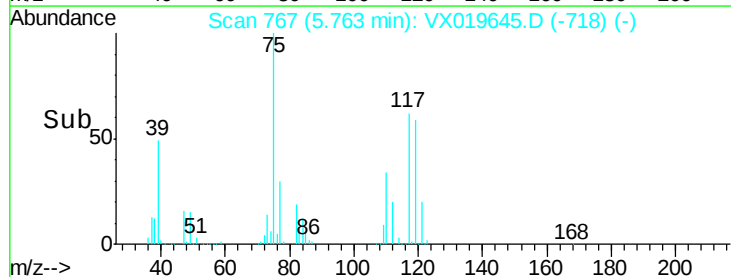
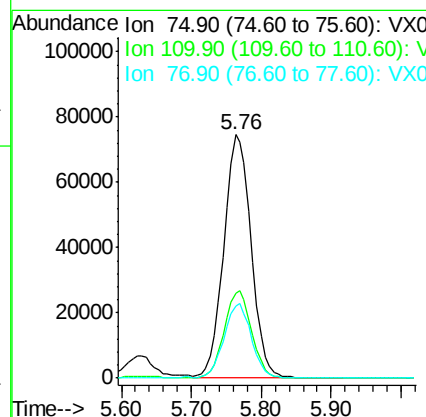
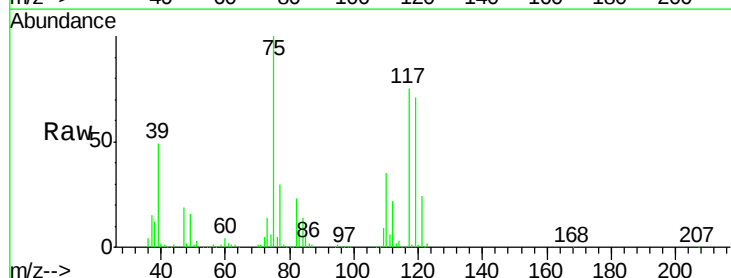
Manual Integrations
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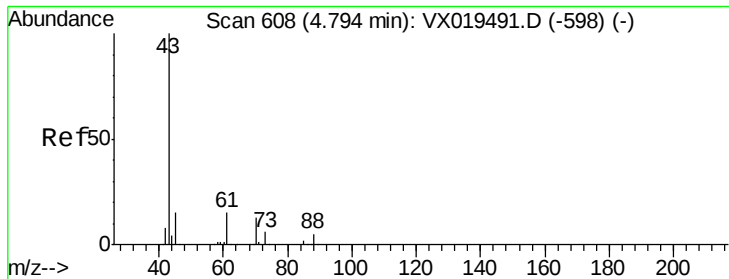
MMDadoda
11/25/2020 9:55:08 AM



#36
1,1-Dichloropropene
Concen: 48.186 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	202743		
110	35.7	18.1	54.3	
77	30.7	24.2	36.4	





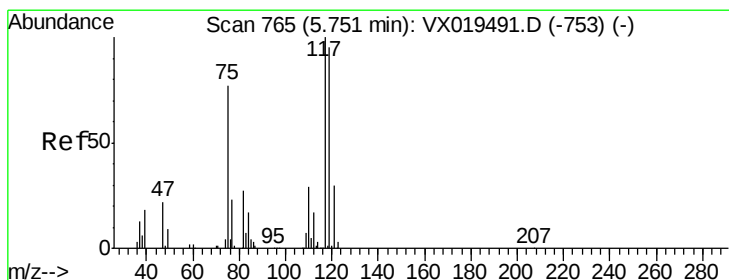
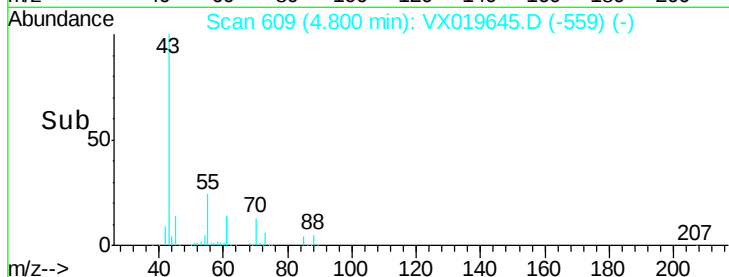
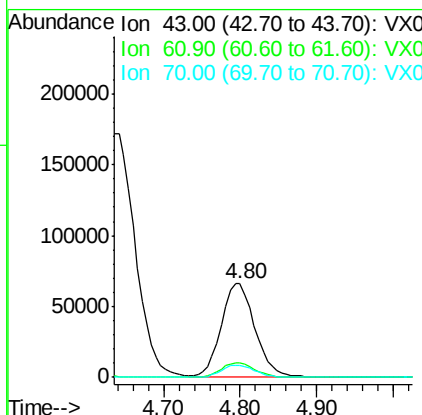
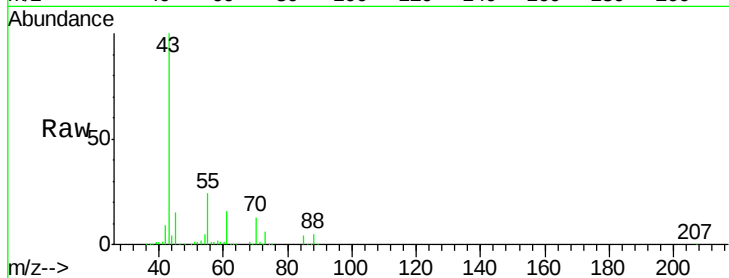
#37
Ethyl Acetate
Concen: 51.059 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.7	19.1
70	13.1	10.2	15.2

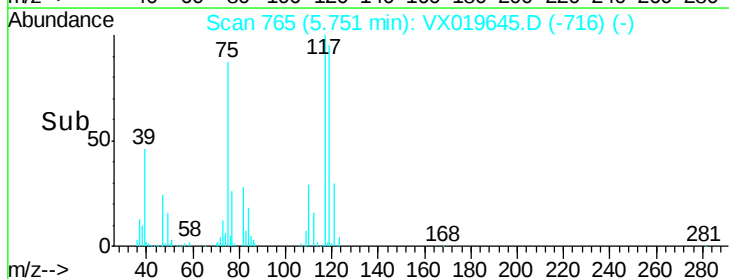
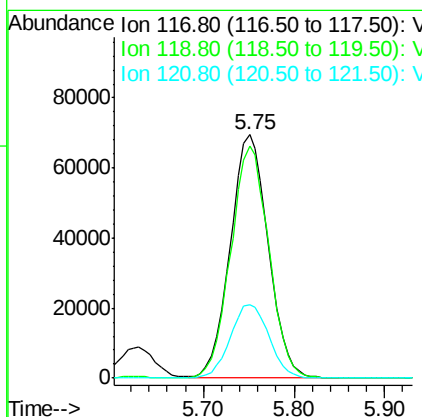
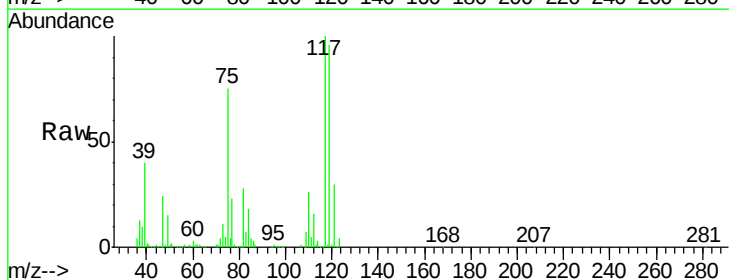
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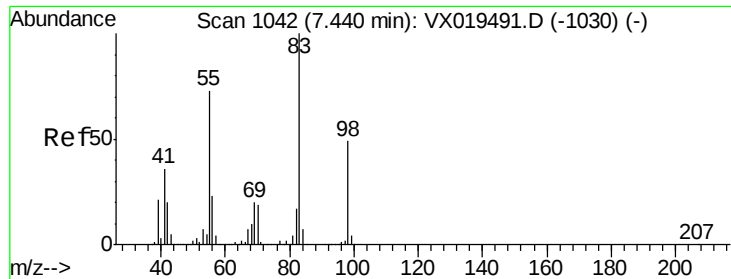
MMDadoda
11/25/2020 9:55:08 AM



#38
Carbon Tetrachloride
Concen: 49.378 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.9	113.9
121	30.1	24.0	36.0





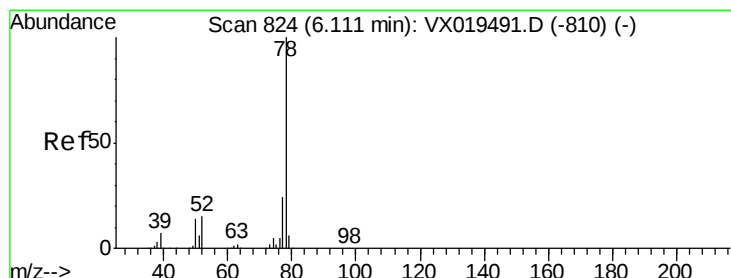
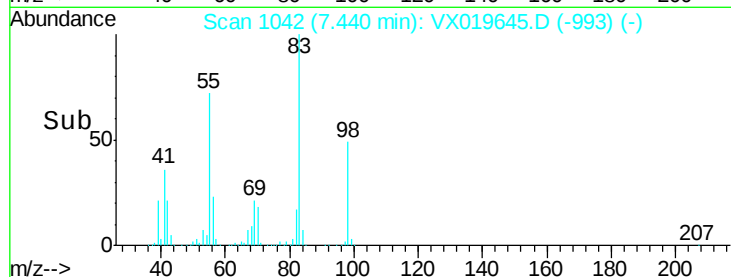
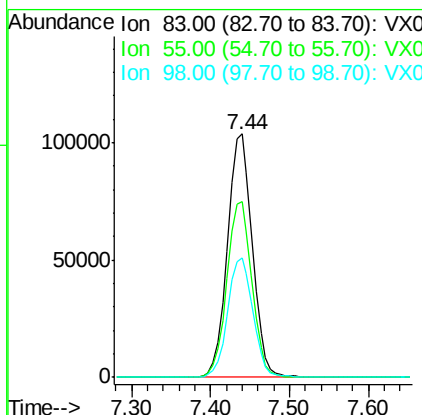
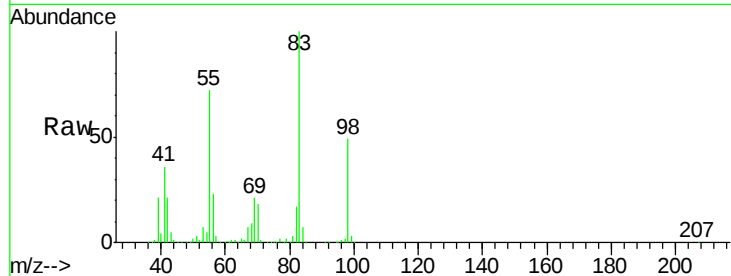
#39
Methvlcvclohexane
Concen: 46.442 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	58.3	87.5
98	48.9	38.9	58.3

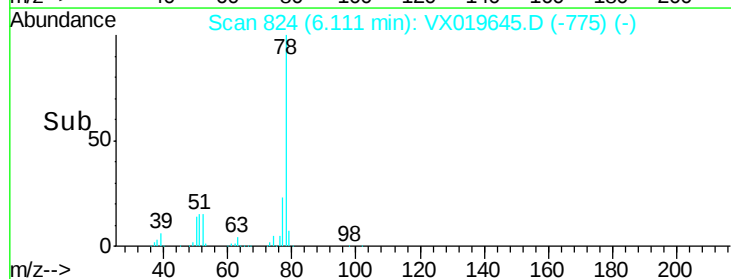
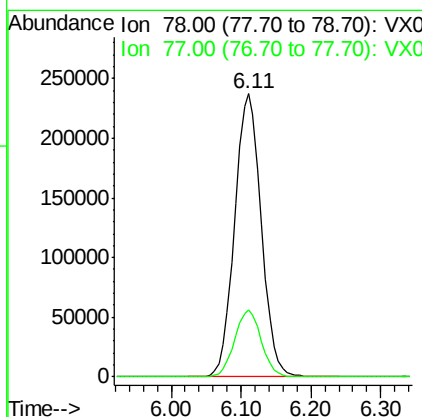
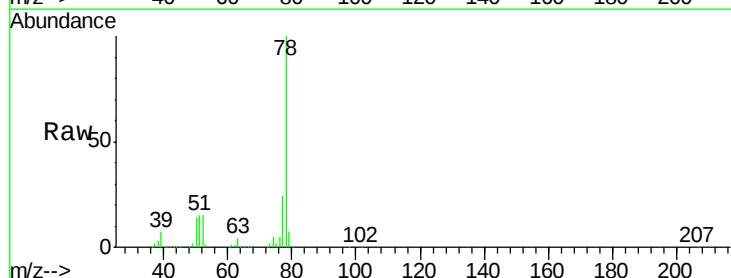
Manual Integrations
APPROVED

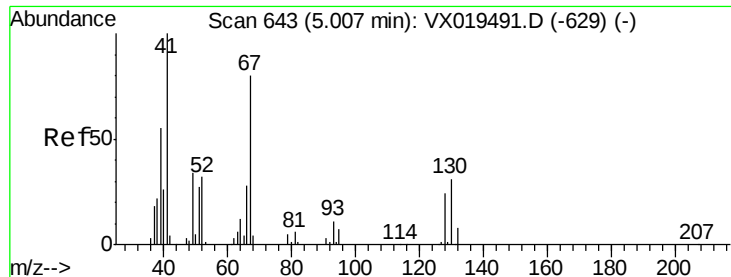
MMDadoda
11/25/2020 9:55:08 AM



#40
Benzene
Concen: 48.347 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3





#41

Methacrylonitrile

Concen: 51.507 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 112194

Ion Ratio Lower Upper

41 100

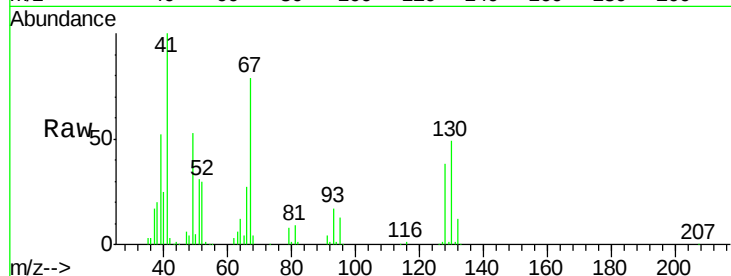
39 52.0 43.3 64.9

67 83.6 66.0 99.0

52 31.6 25.4 38.2

Manual Integrations
APPROVED

MMDadoda
11/25/2020 9:55:08 AM

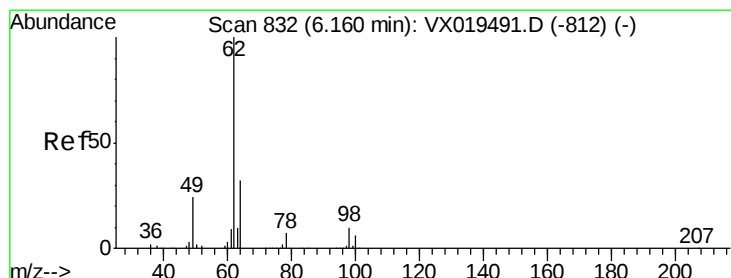
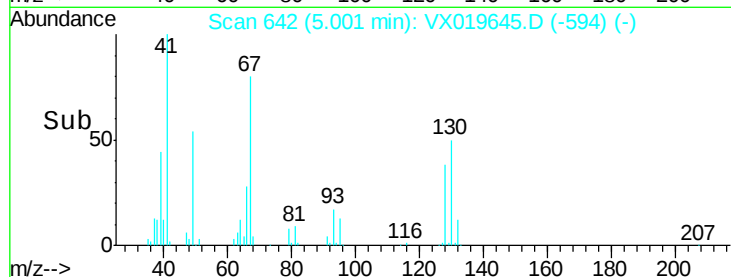
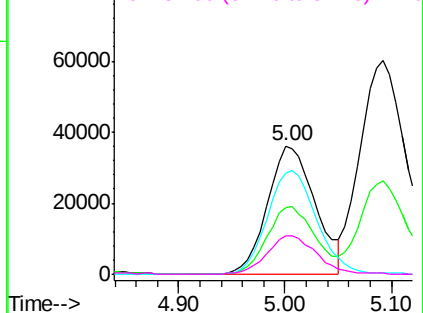


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.099 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019645.D

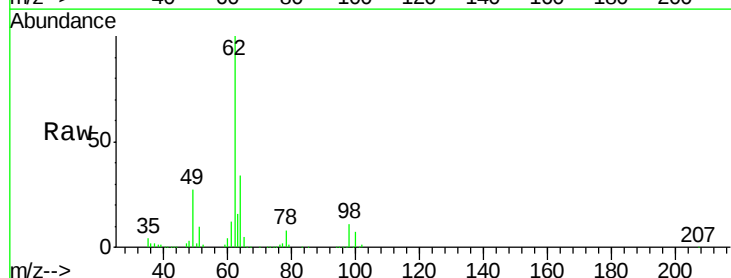
Acq: 25 Nov 2020 07:24

Tgt Ion: 62 Resp: 217557

Ion Ratio Lower Upper

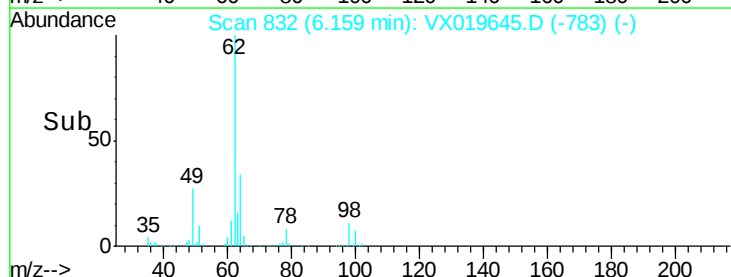
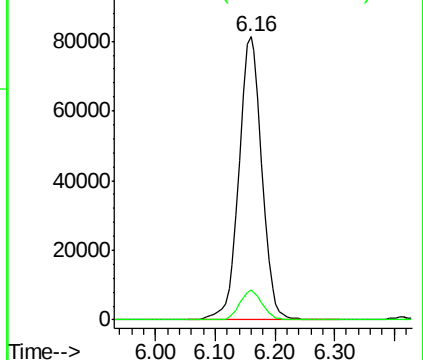
62 100

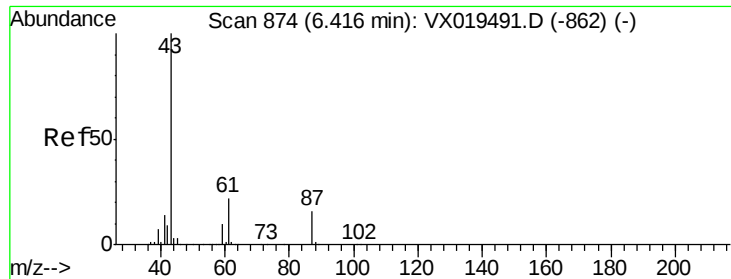
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

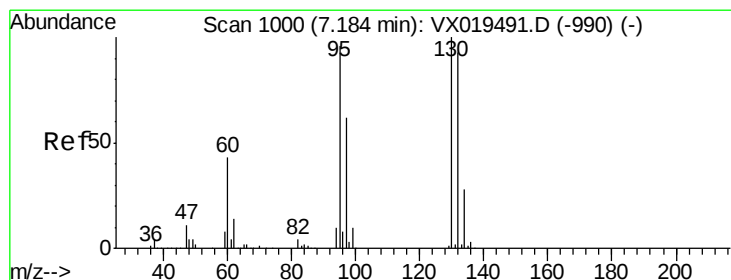
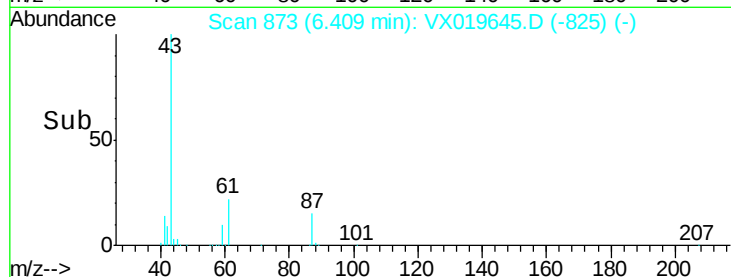
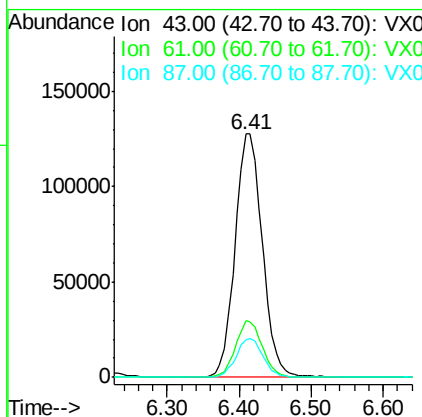
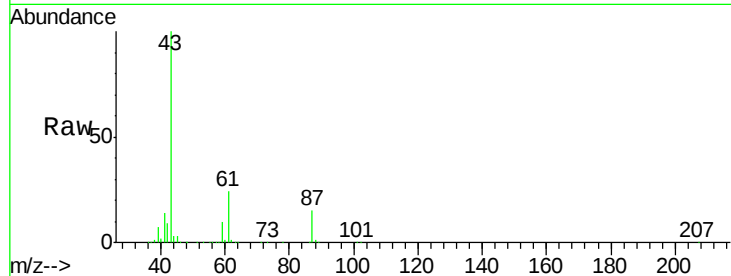
Isopropyl Acetate
 Concen: 50.451 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.2
87	15.8	12.6	18.8

Manual Integrations
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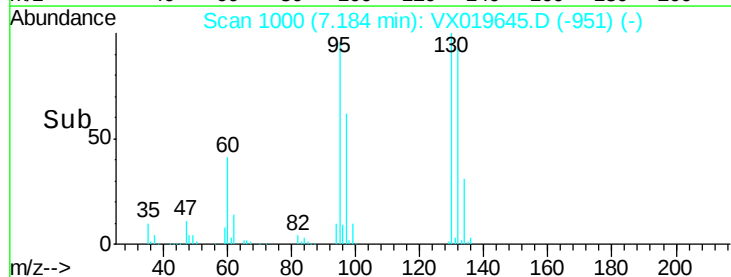
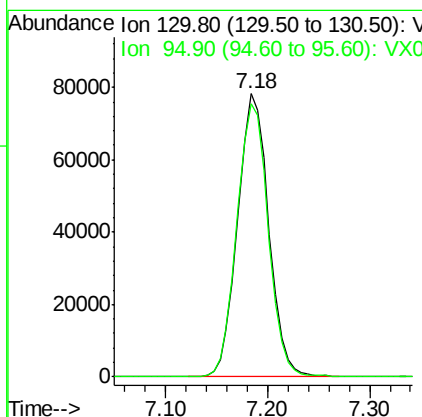
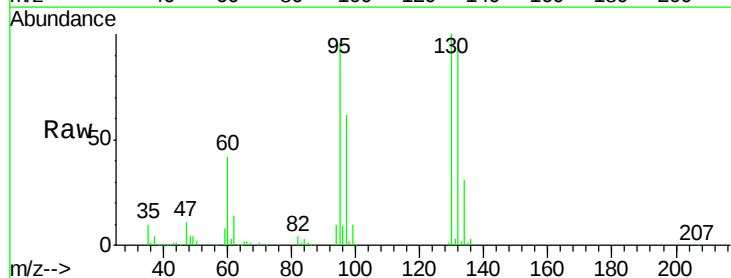
MMDadoda
 11/25/2020 9:55:08 AM

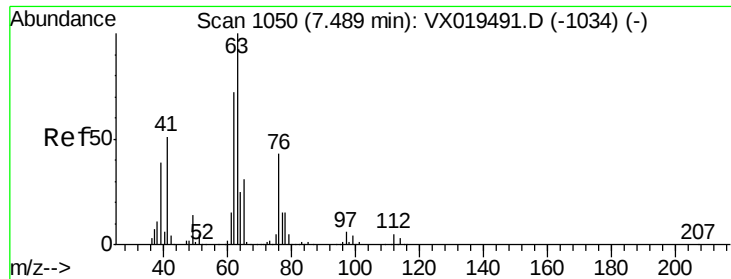


#44

Trichloroethene
 Concen: 48.877 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	191.2





#45

1,2-Dichloropropane

Concen: 49.854 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 158663

Ion Ratio Lower Upper

63 100

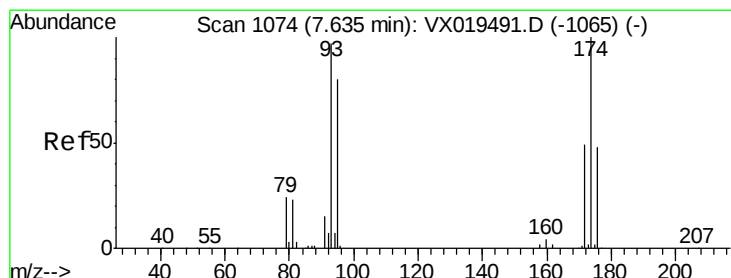
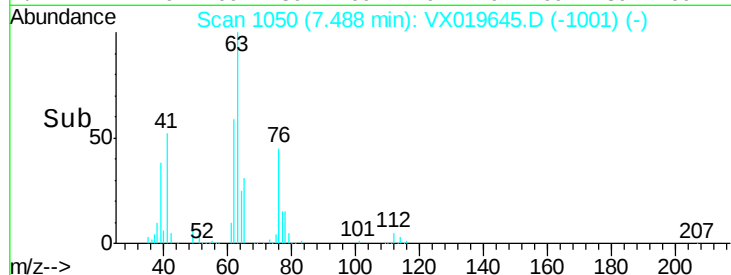
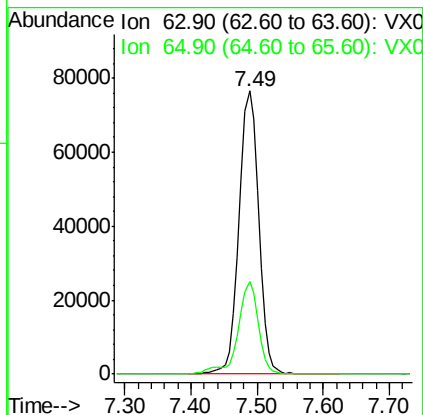
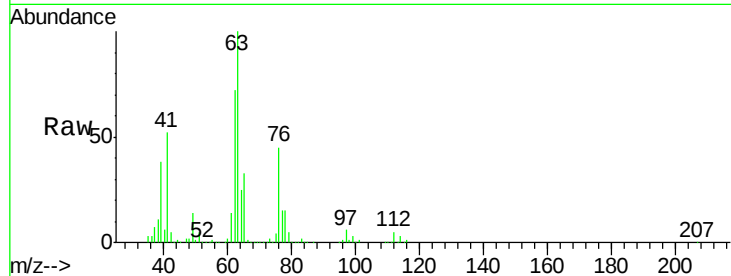
65 32.6 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 49.898 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

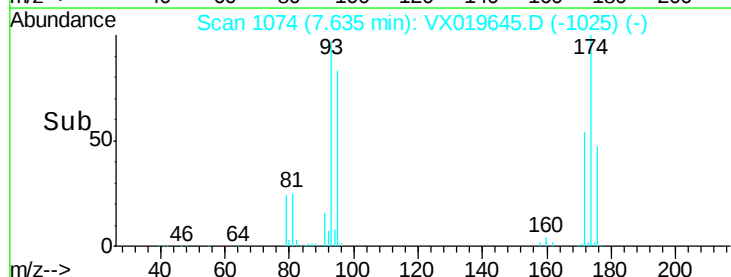
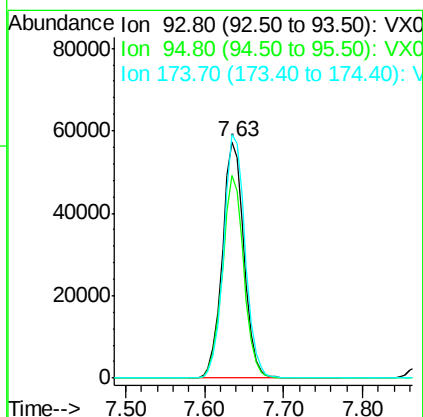
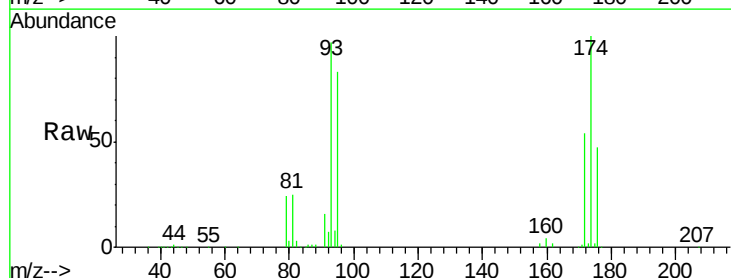
Tgt Ion: 93 Resp: 108689

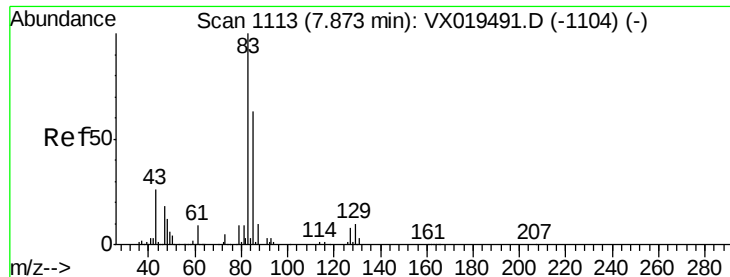
Ion Ratio Lower Upper

93 100

95 85.0 66.8 100.2

174 102.8 83.0 124.4





#47

Bromodichloromethane

Concen: 51.568 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

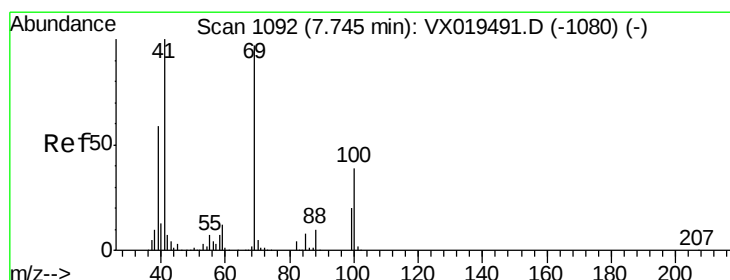
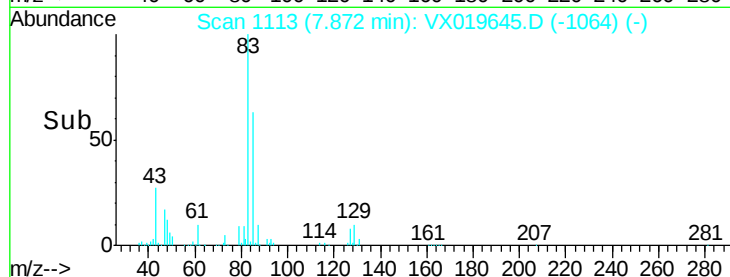
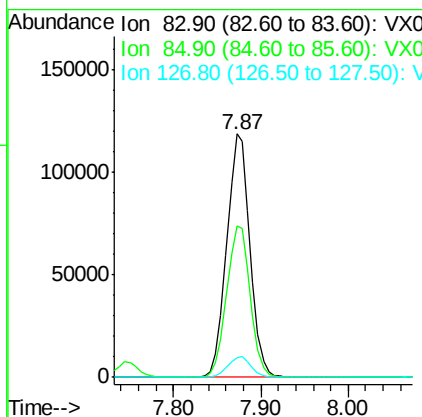
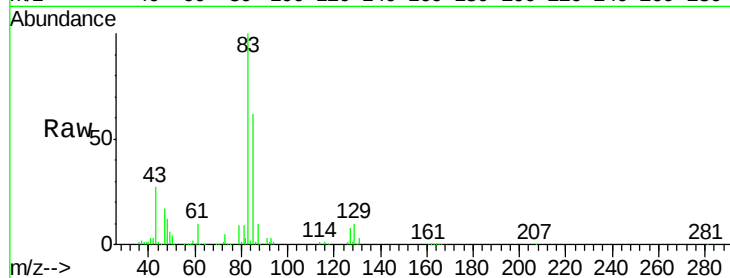
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	217965
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.2	75.2
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.397 ug/l

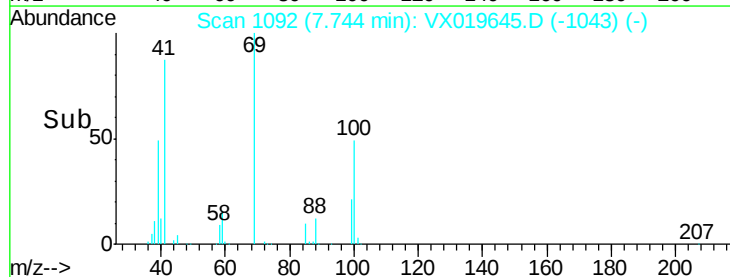
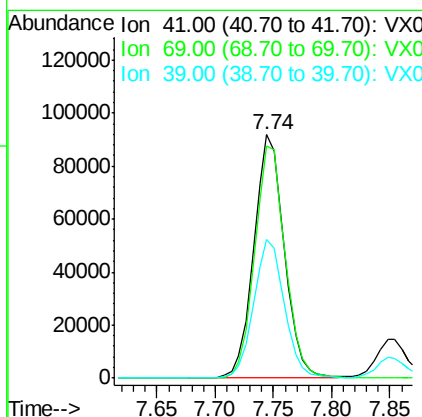
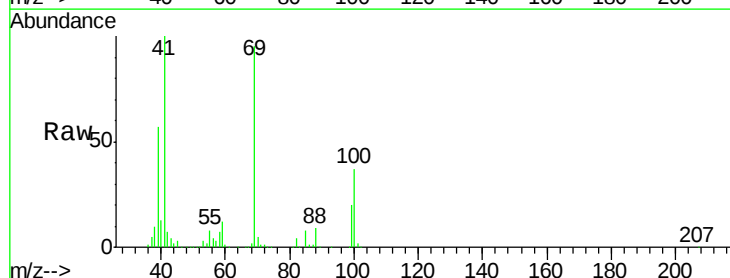
RT: 7.74 min Scan# 1092

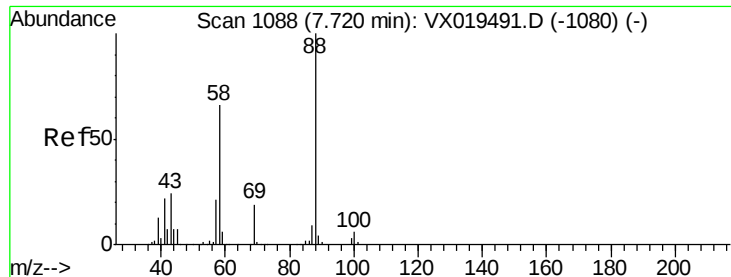
Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion:	41	Resp:	166046
Ion	Ratio	Lower	Upper
41	100		
69	96.3	77.0	115.6
39	57.2	45.6	68.4





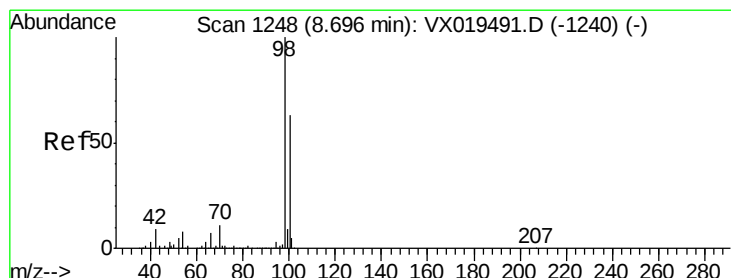
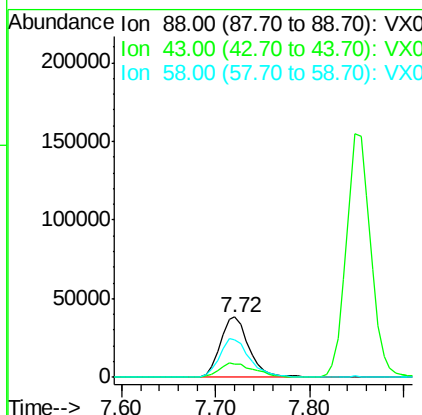
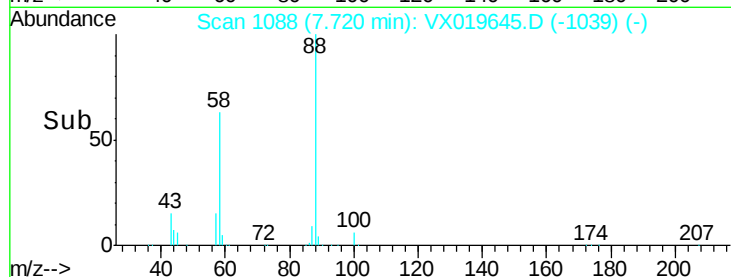
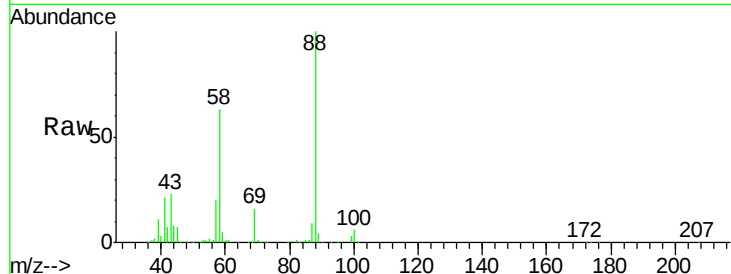
#49
1,4-Dioxane
Concen: 1162.213 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.8	35.6
58	66.9	54.2	81.2

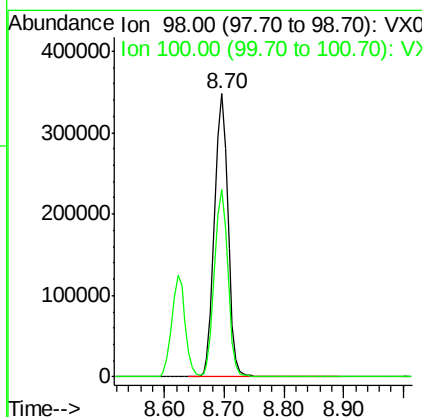
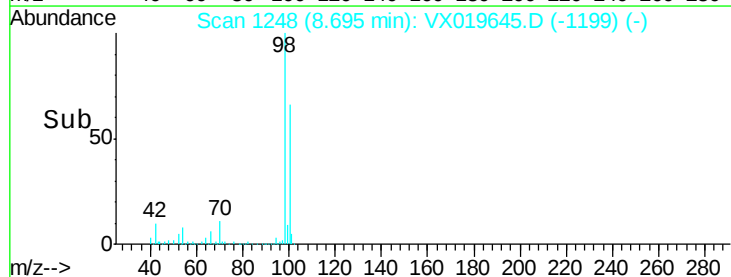
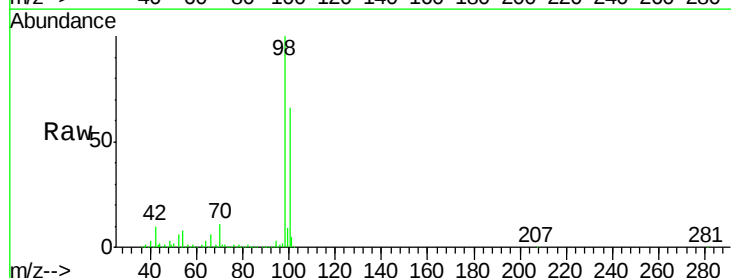
Manual Integrations
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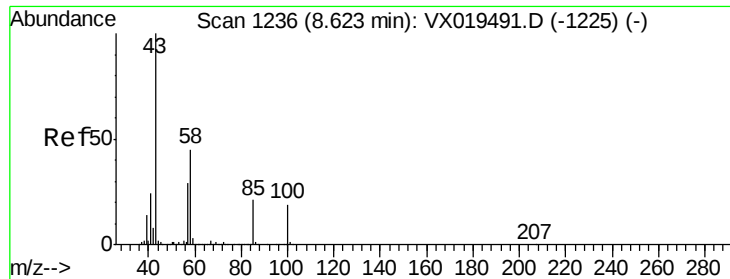
MMDadoda
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#50
Toluene-d8
Concen: 49.475 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6





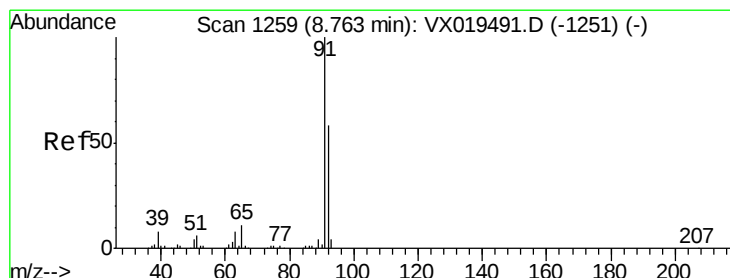
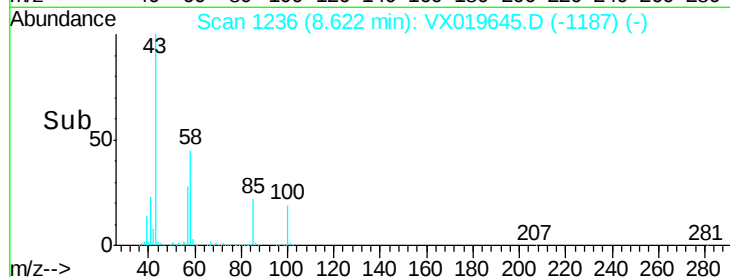
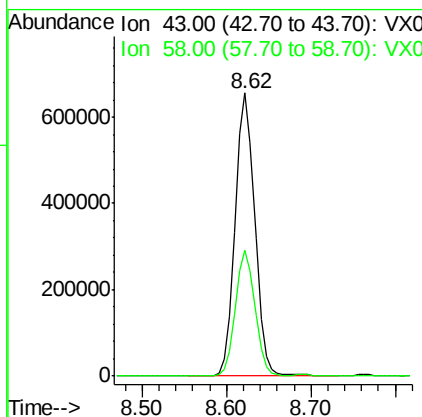
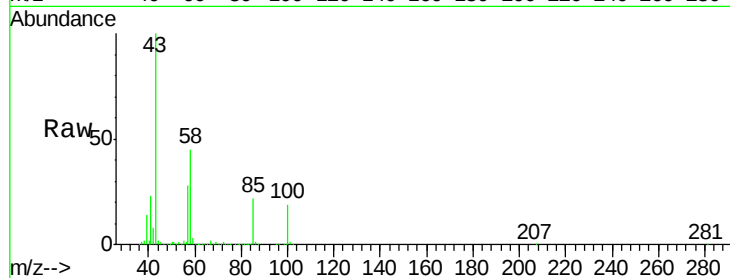
#51
 4-Methyl-2-Pentanone
 Concen: 266.662 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1032501
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.1 52.7

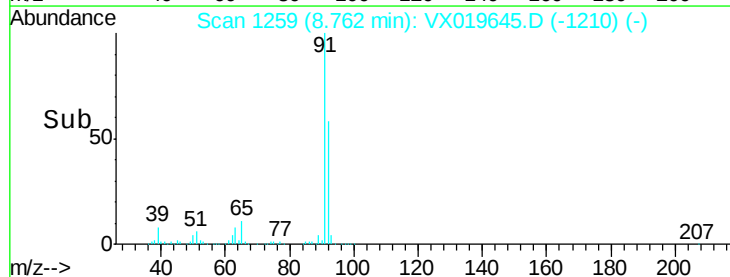
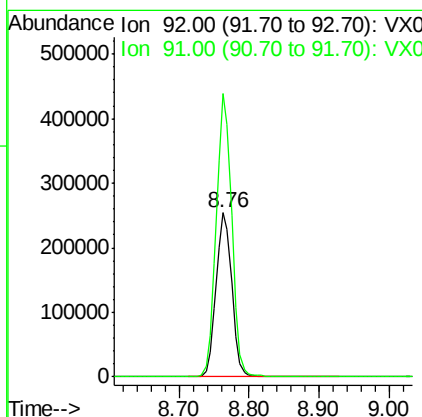
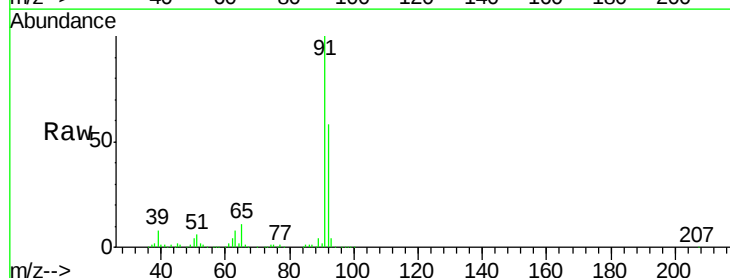
Manual Integrations
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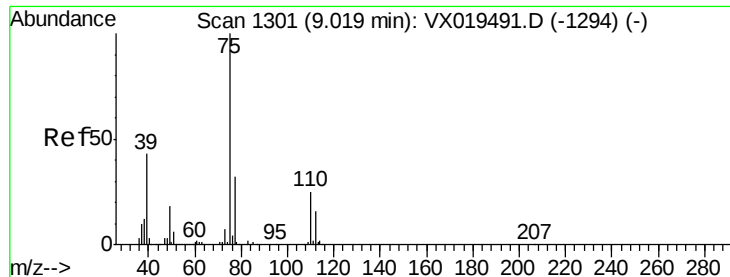
MMDadoda
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#52
 Toluene
 Concen: 50.316 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion: 92 Resp: 397919
 Ion Ratio Lower Upper
 92 100
 91 170.3 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 50.306 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 229635

Ion Ratio Lower Upper

75 100

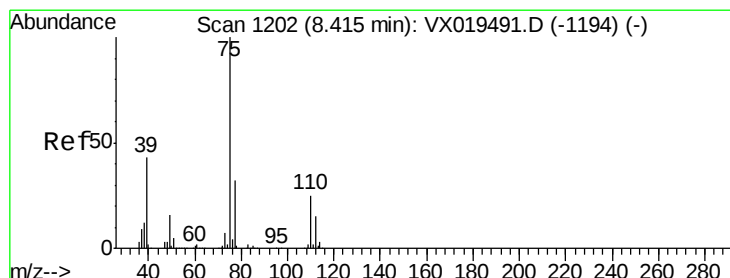
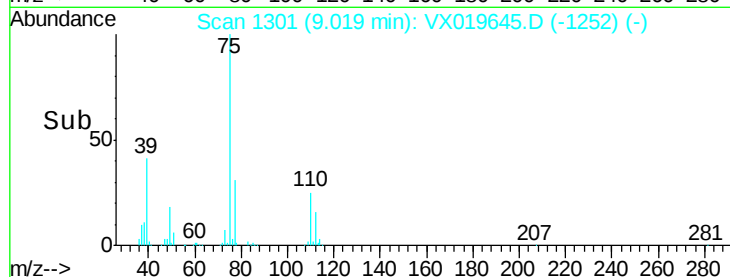
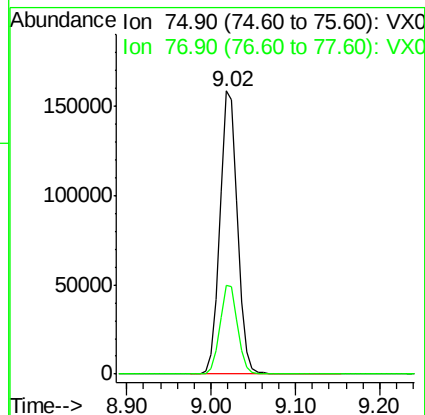
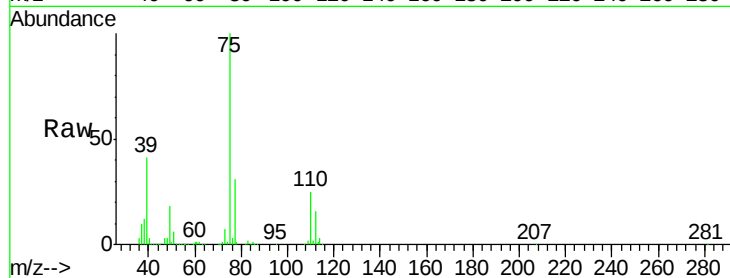
77 31.2 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 49.871 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

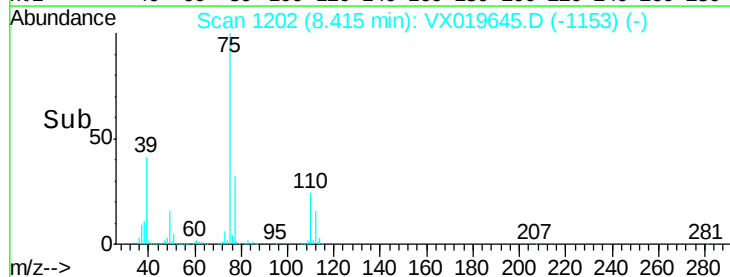
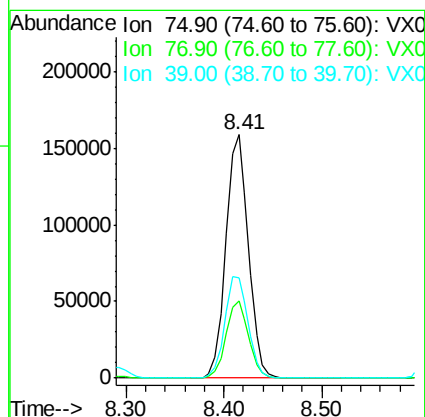
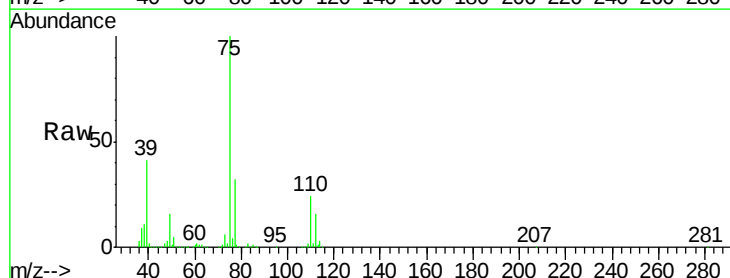
Tgt Ion: 75 Resp: 252637

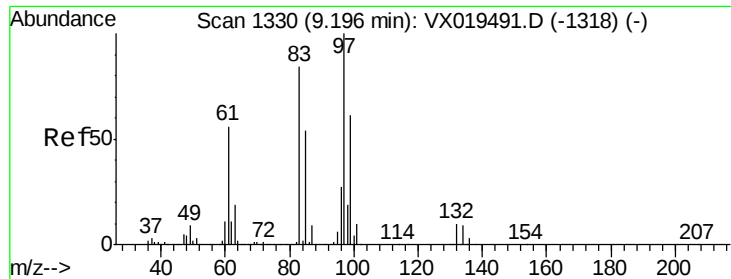
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 41.3 34.6 51.8





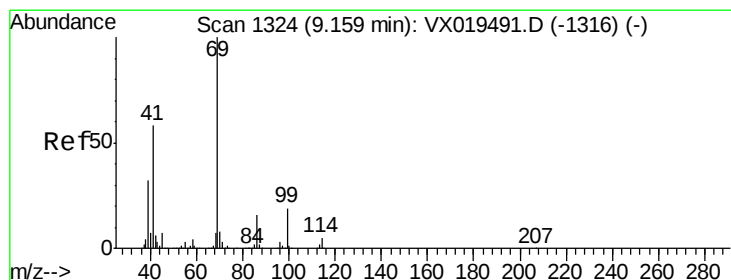
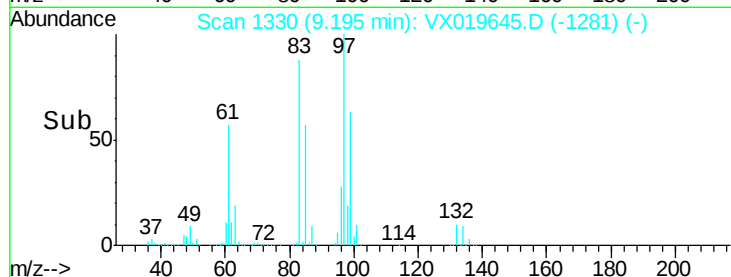
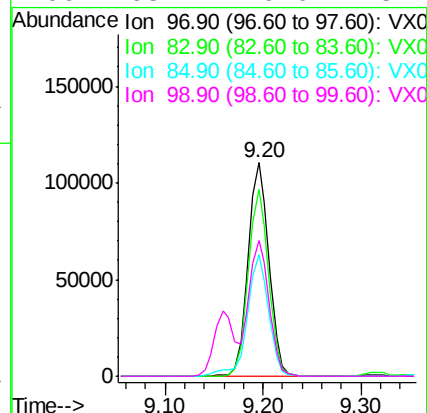
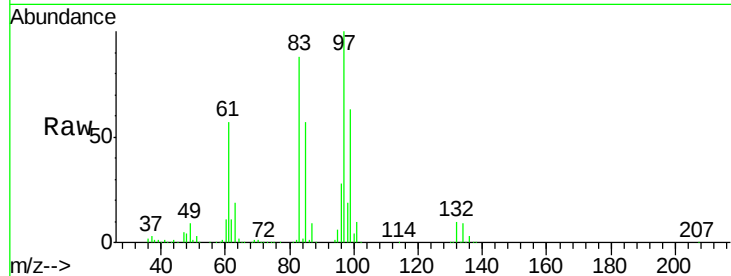
#55
 1,1,2-Trichloroethane
 Concen: 50.594 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		162954		
83	87.6	67.0	100.6		
85	56.8	43.4	65.0		
99	63.2	49.0	73.4		

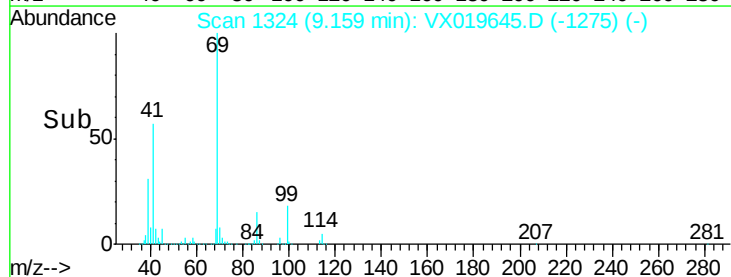
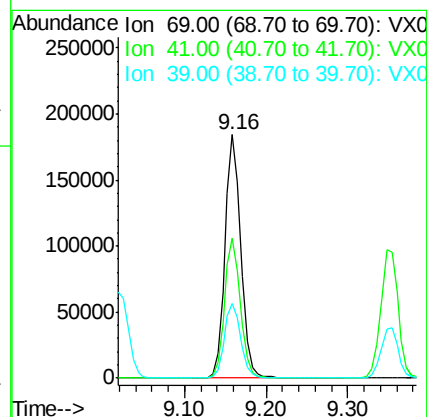
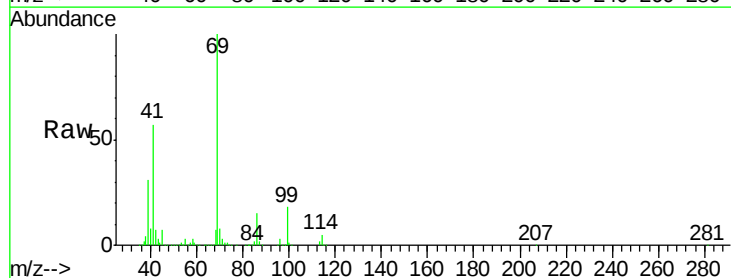
Manual Integrations
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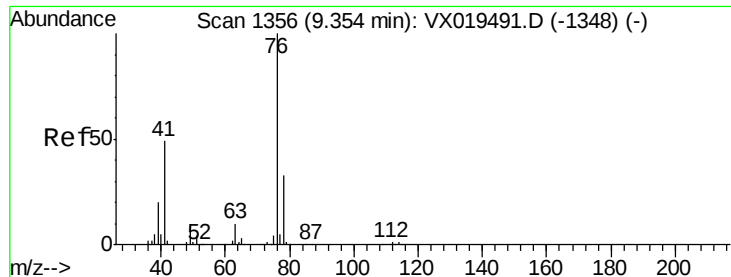
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#56
 Ethyl methacrylate
 Concen: 54.864 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		250042		
41	57.7	46.2	69.2		
39	31.6	25.5	38.3		





#57

1,3-Dichloropropane

Concen: 51.556 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 278006

Ion Ratio Lower Upper

76 100

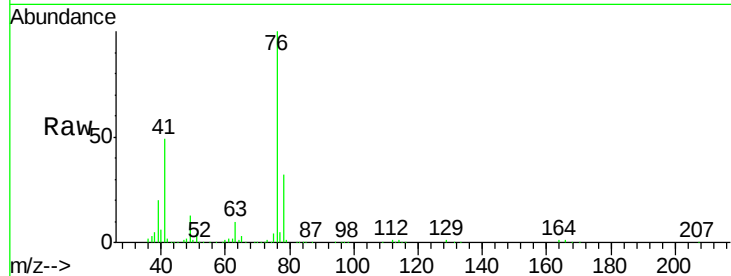
78 32.1 25.7 38.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

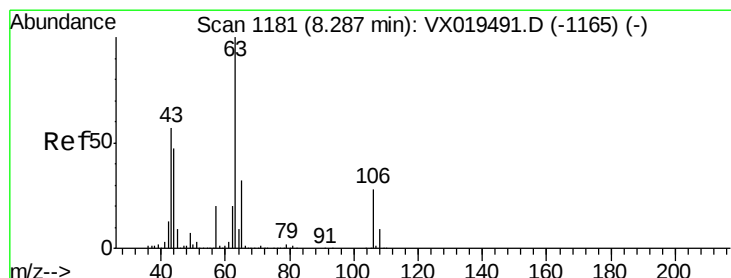
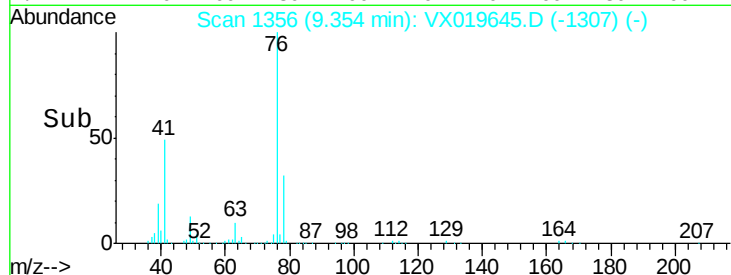
100000

50000

0

9.30 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 247.222 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019645.D

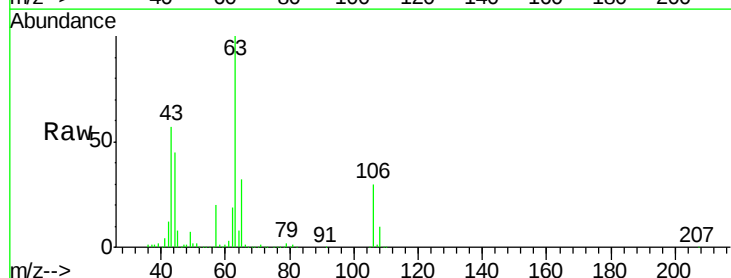
Acq: 25 Nov 2020 07:24

Tgt Ion: 63 Resp: 660203

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

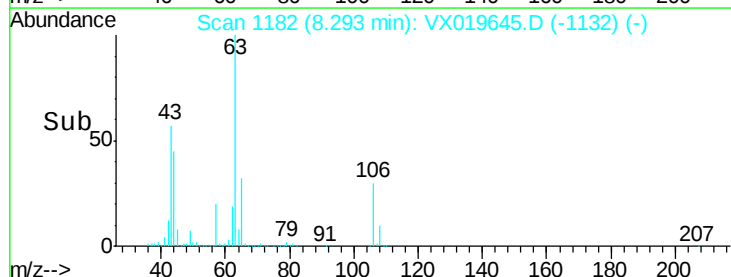
200000

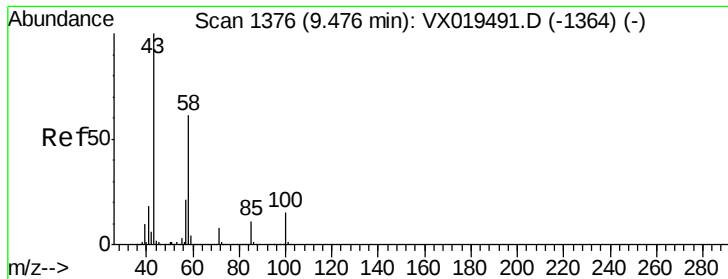
100000

0

8.20 8.30 8.40

Time-->





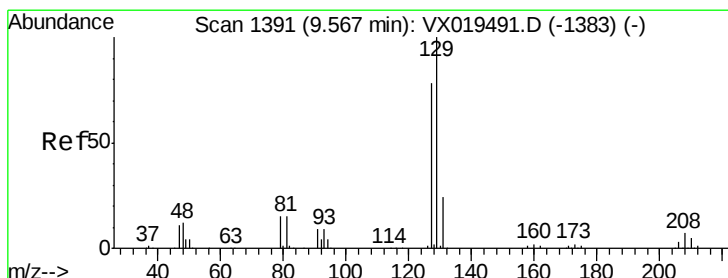
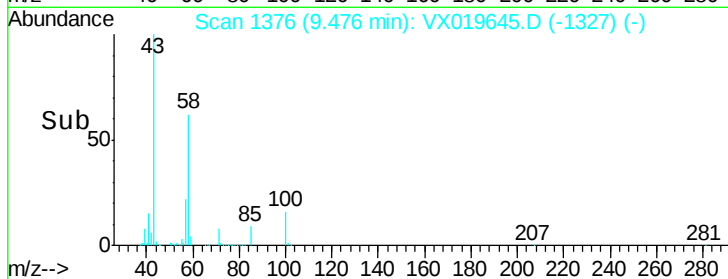
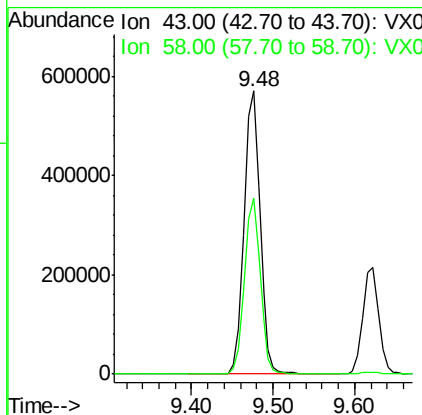
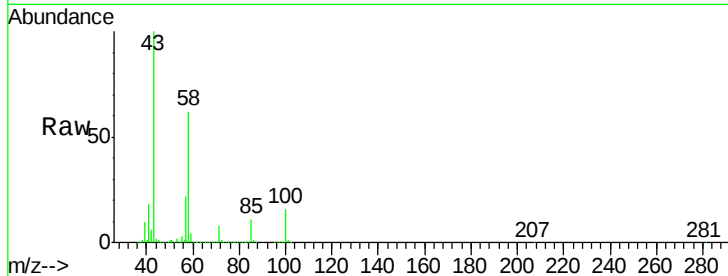
#59
2-Hexanone
Concen: 263.093 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.7	30.6	91.6

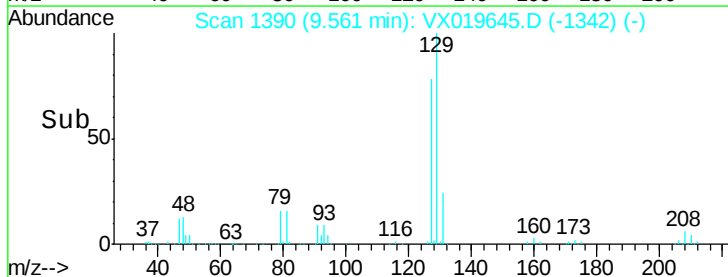
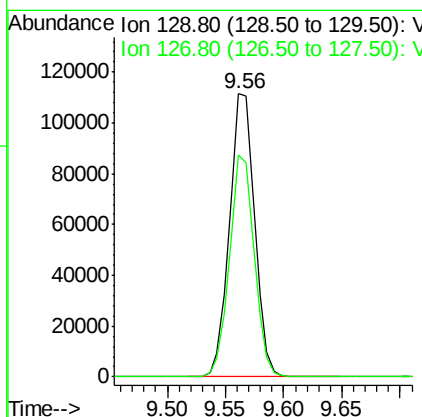
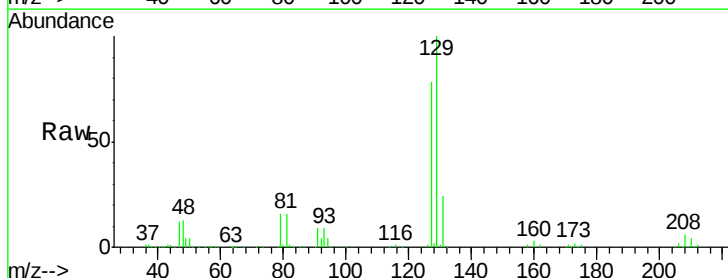
Manual Integrations
APPROVED

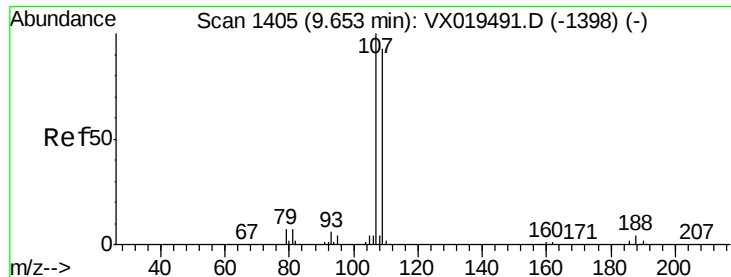
MMDadoda
11/25/2020 9:55:08 AM



#60
Dibromochloromethane
Concen: 53.472 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.0	116.9





#61

1,2-Dibromoethane

Concen: 51.601 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 171314

Ion Ratio Lower Upper

107 100

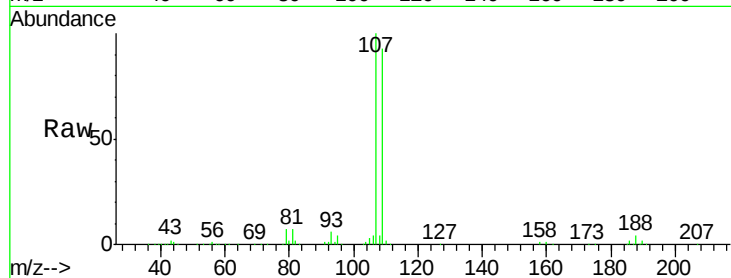
109 94.4 74.8 112.2

Manual Integrations

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11/25/2020 9:55:08 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

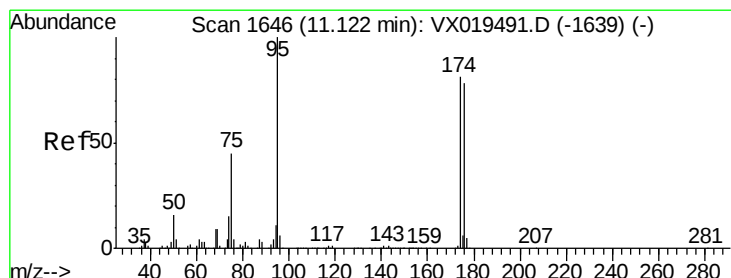
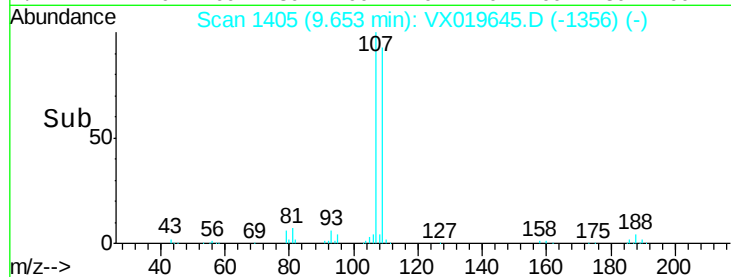
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 52.047 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

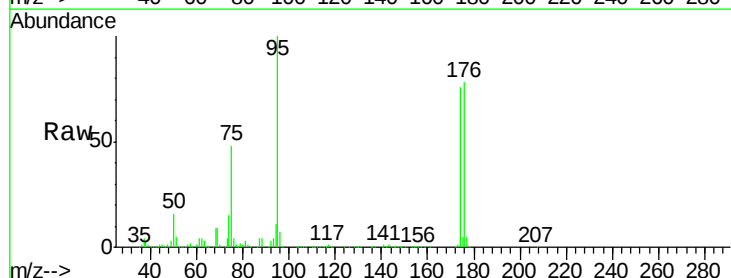
Tgt Ion: 95 Resp: 204992

Ion Ratio Lower Upper

95 100

174 76.9 0.0 156.2

176 76.0 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

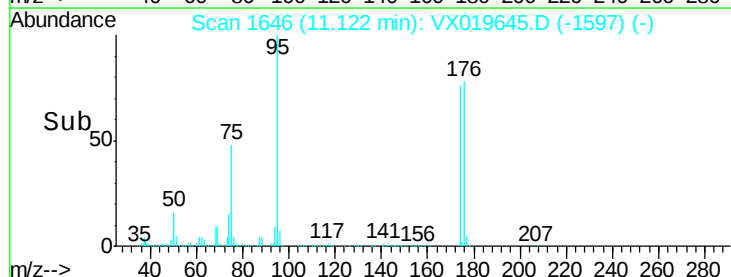
100000

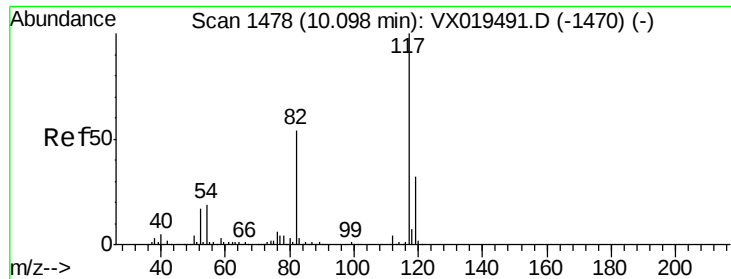
50000

0

Time-->

11.10 11.20





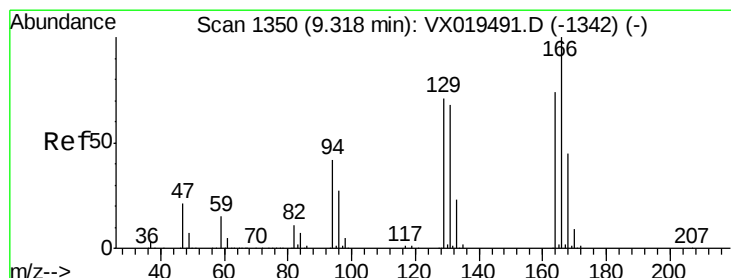
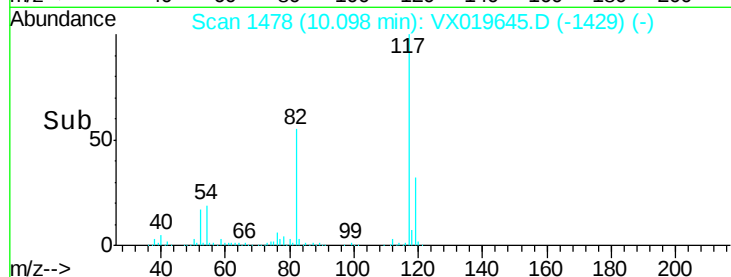
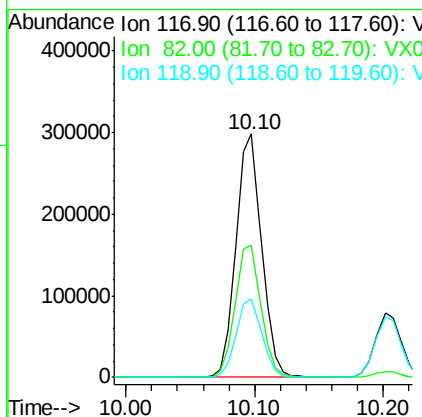
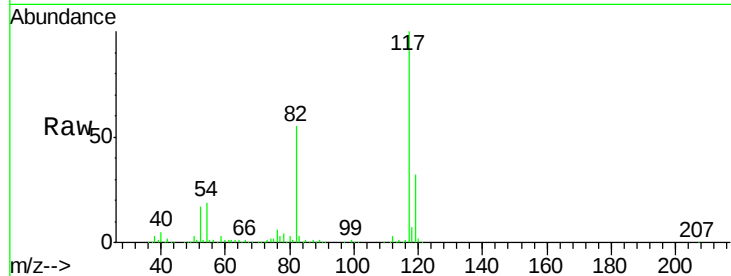
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	32.4	25.6	38.4

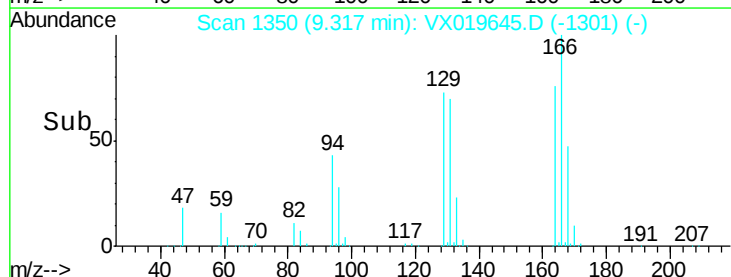
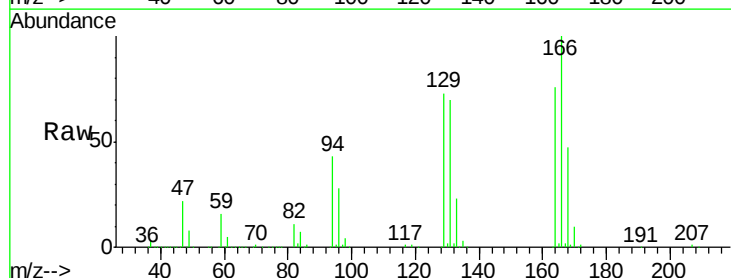
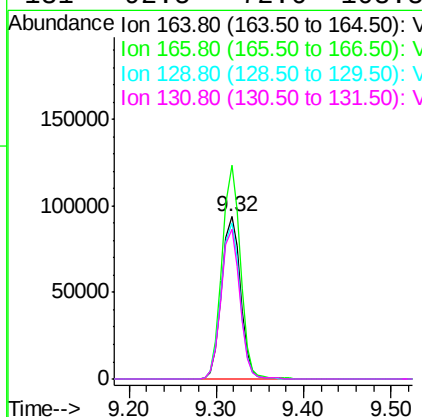
Manual Integrations
APPROVED

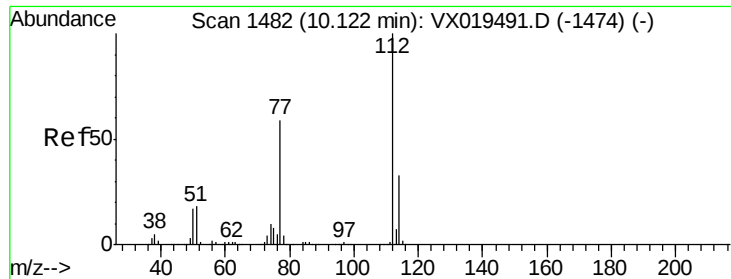
MMDadoda
11/25/2020 9:55:08 AM



#64
Tetrachloroethene
Concen: 43.317 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	107.4	161.0
129	95.9	76.6	114.8
131	92.5	72.6	108.8





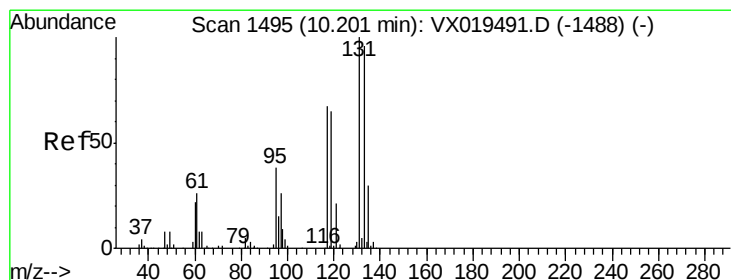
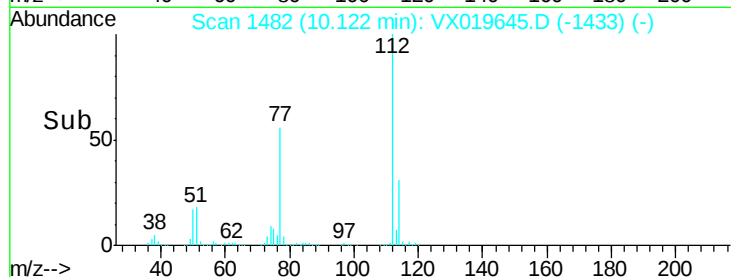
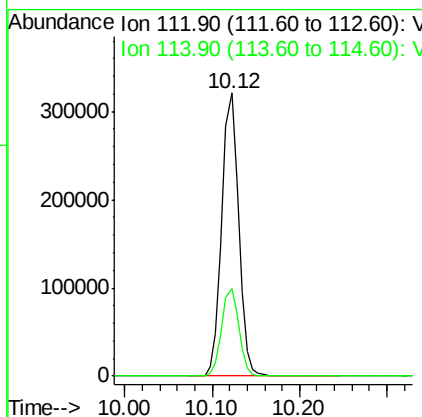
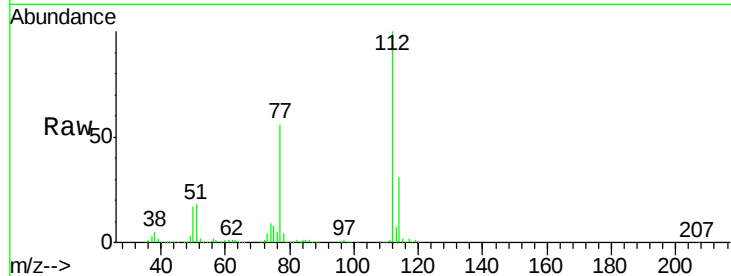
#65
Chlorobenzene
Concen: 50.366 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 427596
Ion Ratio Lower Upper
112 100
114 31.1 26.0 39.0

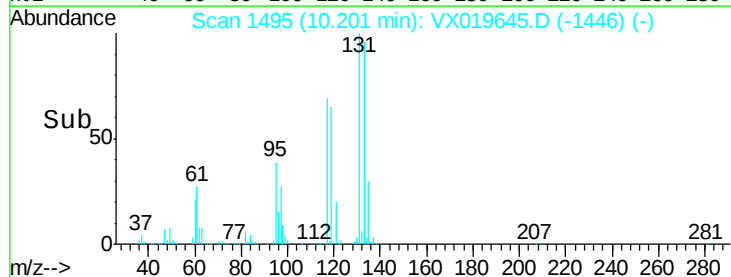
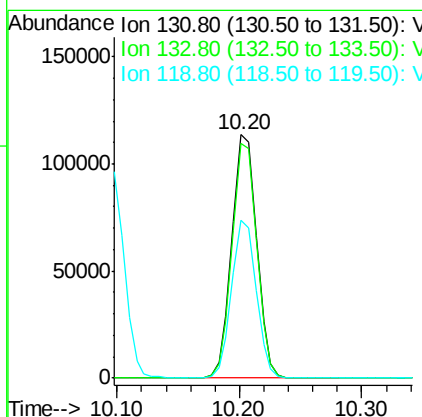
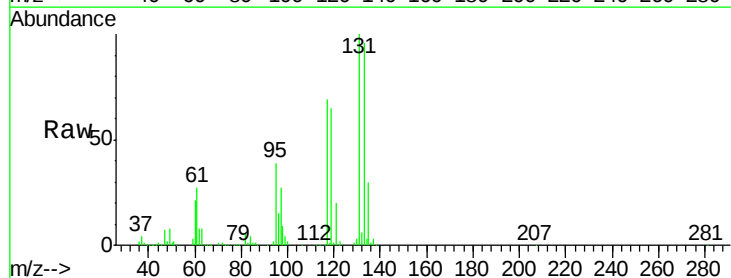
Manual Integrations
APPROVED

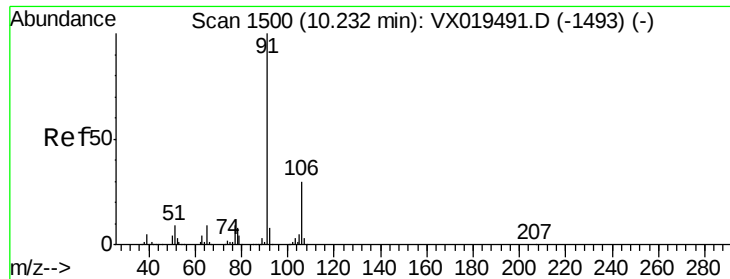
MMDadoda
11/25/2020 9:55:08 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.698 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion:131 Resp: 159647
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 64.3 33.0 99.0





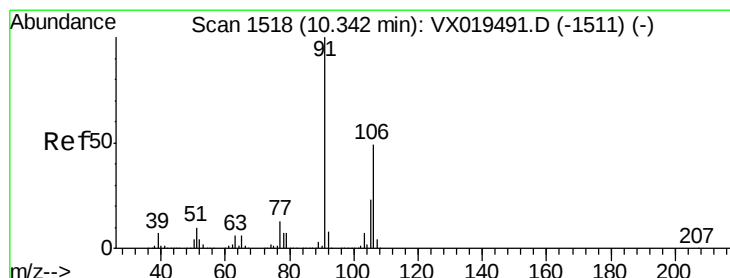
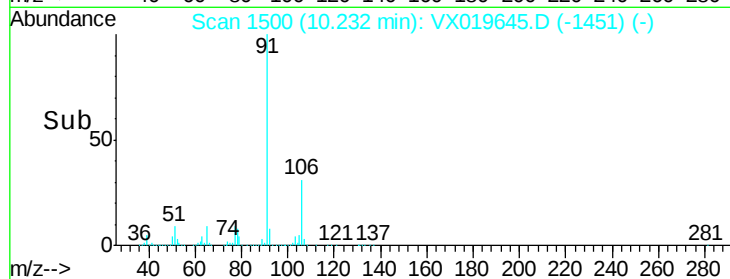
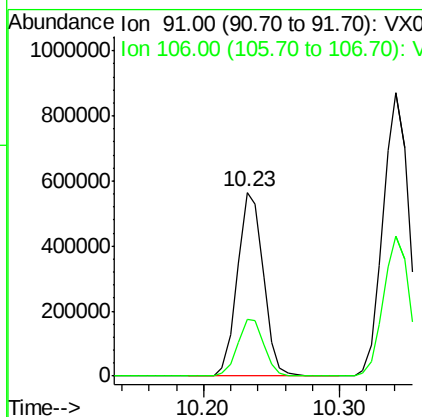
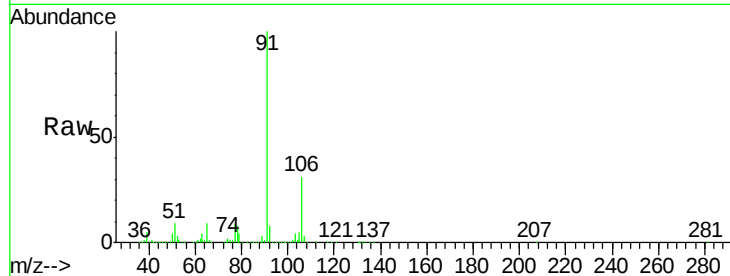
#67
Ethyl Benzene
Concen: 50.575 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 752190
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0

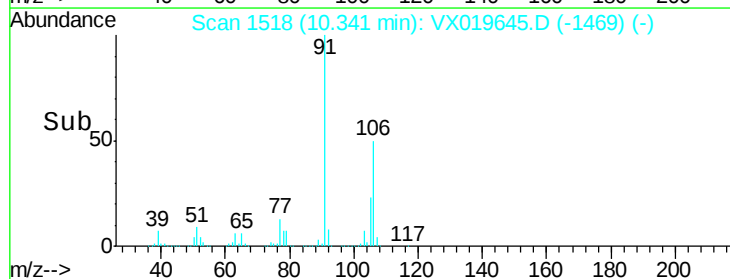
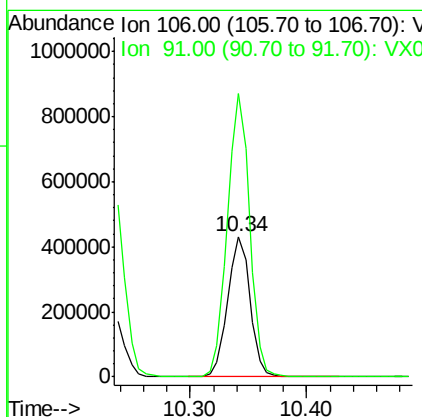
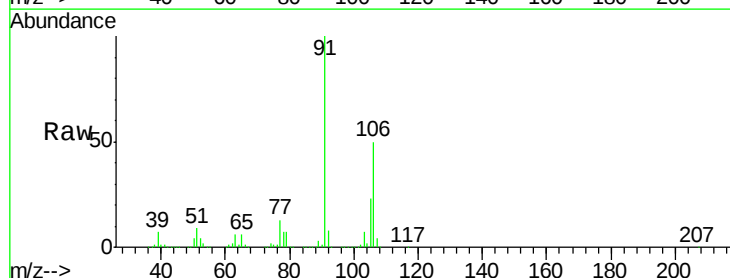
Manual Integrations
APPROVED

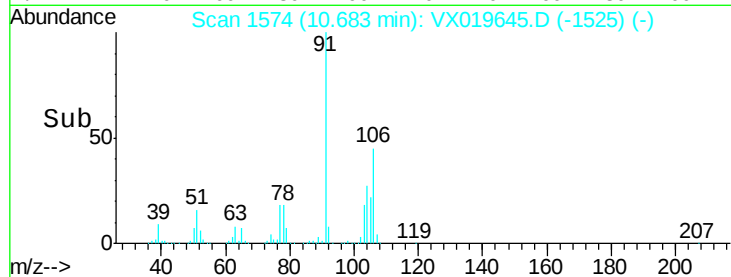
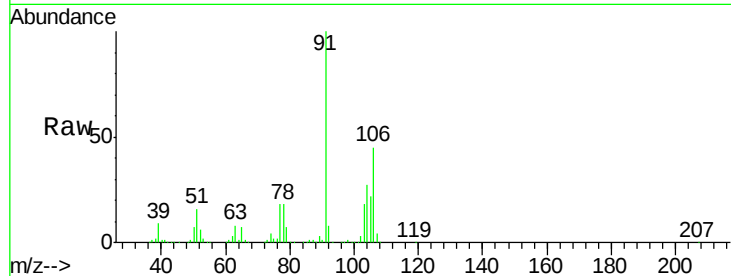
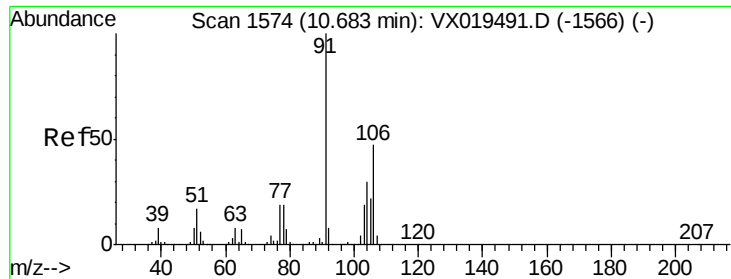
MMDadoda
11/25/2020 9:55:08 AM



#68
m/p-Xylenes
Concen: 104.021 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion: 106 Resp: 576385
Ion Ratio Lower Upper
106 100
91 201.8 163.3 244.9





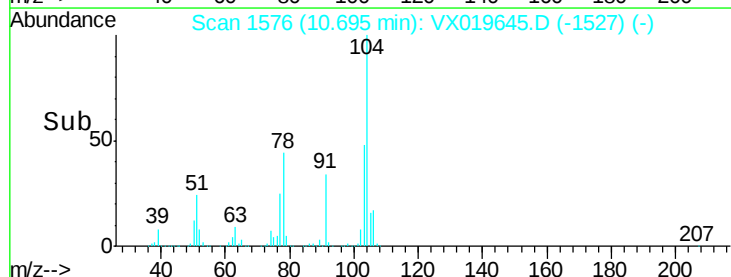
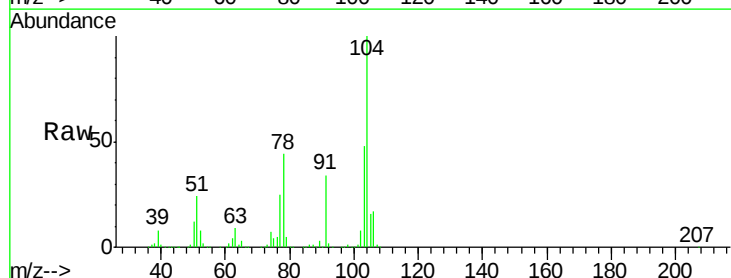
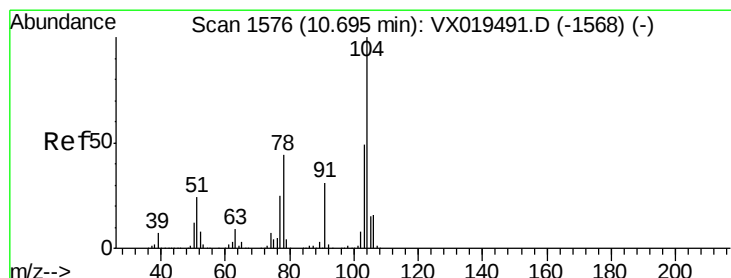
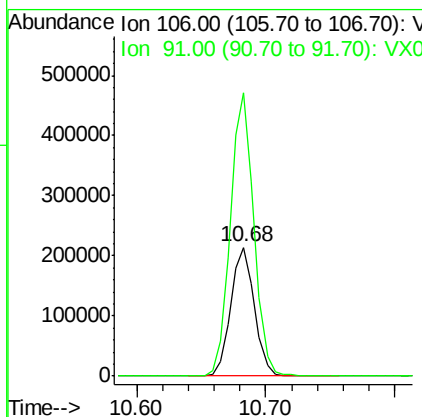
#69
o-Xylene
Concen: 51.996 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tot Ion:106 Resp: 275414
Ion Ratio Lower Upper
106 100
91 217.6 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

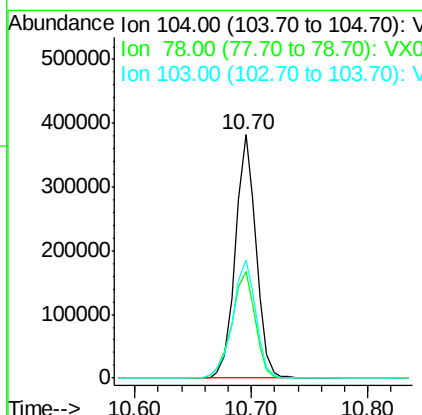
Manual Integrations
APPROVED

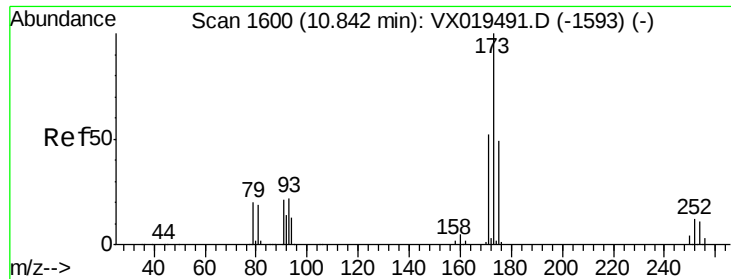
MMDadoda
11/25/2020 9:55:08 AM



#70
Styrene
Concen: 48.386 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion:104 Resp: 473872
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 53.9 43.6 65.4





#71

Bromoform

Concen: 46.602 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 121217

Ion Ratio Lower Upper

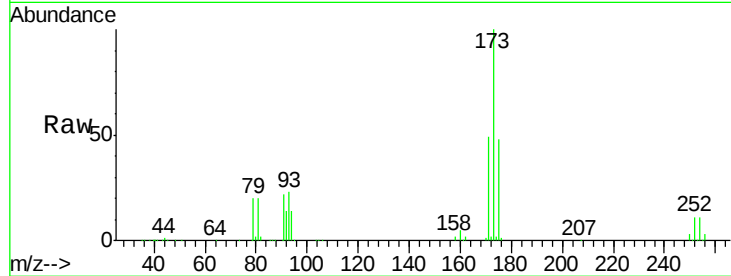
173 100

175 48.4 24.9 74.8

254 0.1 0.1 0.1#

Manual Integrations
APPROVED

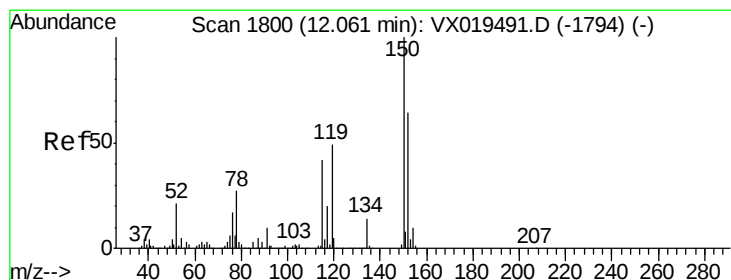
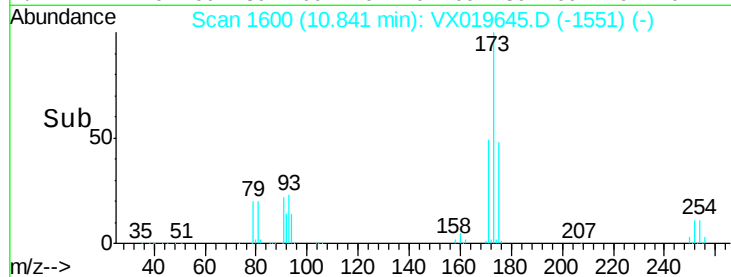
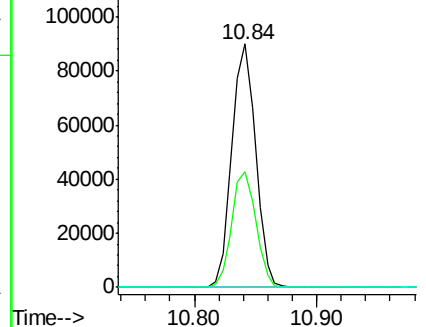
MMDadoda
11/25/2020 9:55:08 AM



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: VX019645.D

Acq: 25 Nov 2020 07:24

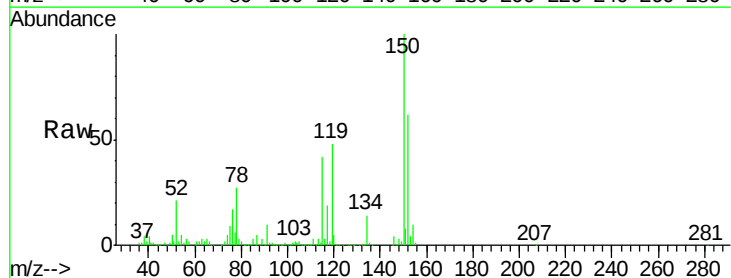
Tgt Ion:152 Resp: 199585

Ion Ratio Lower Upper

152 100

115 83.9 41.8 125.4

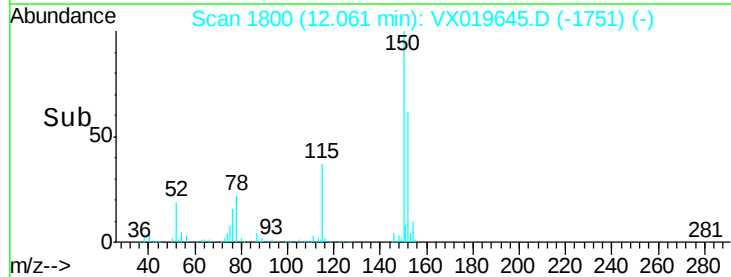
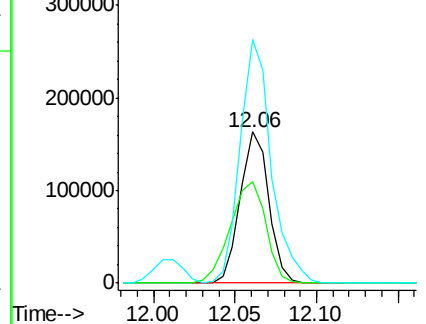
150 175.5 0.0 348.2

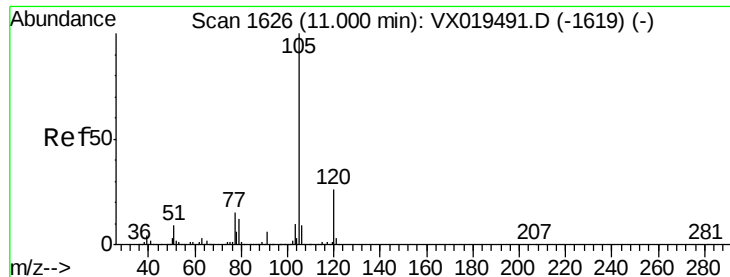


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.088 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 732981

Ion Ratio Lower Upper

105 100

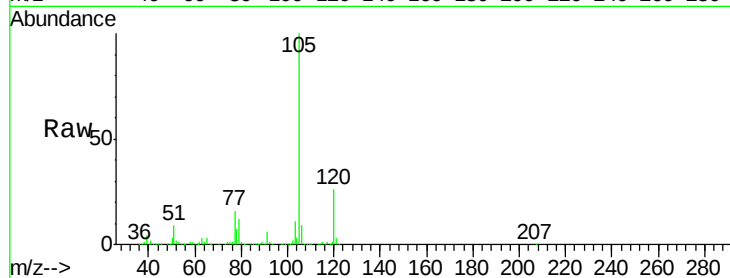
120 26.5 13.0 39.0

Manual Integrations

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11/25/2020 9:55:08 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

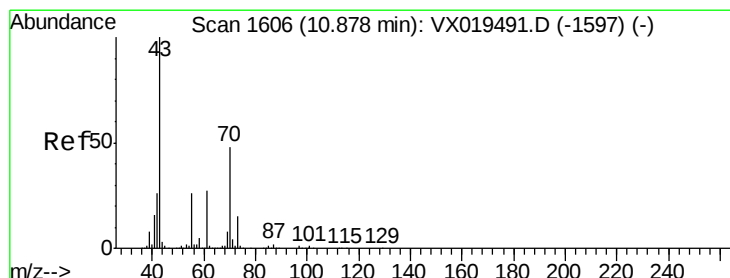
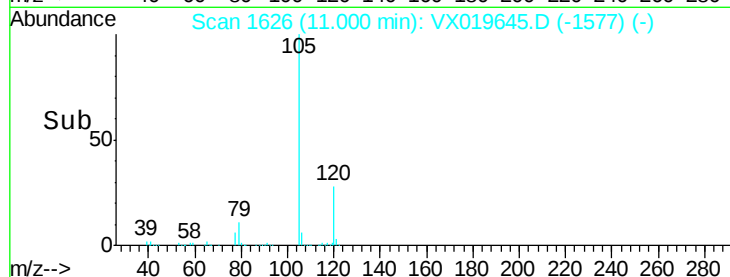
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 56.033 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion: 43 Resp: 289896

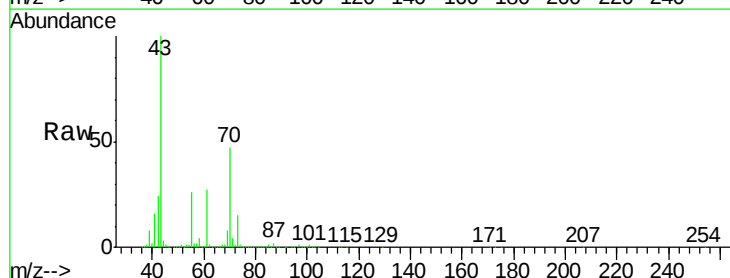
Ion Ratio Lower Upper

43 100

70 49.3 39.7 59.5

55 26.6 21.8 32.6

61 27.9 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

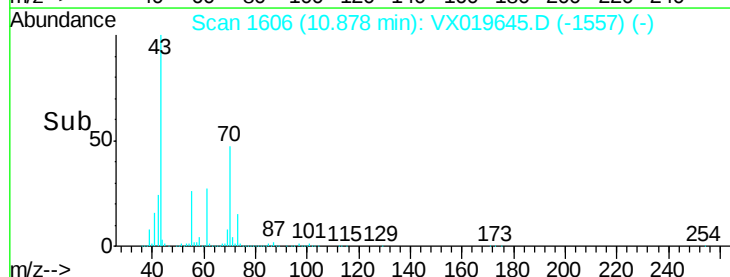
300000

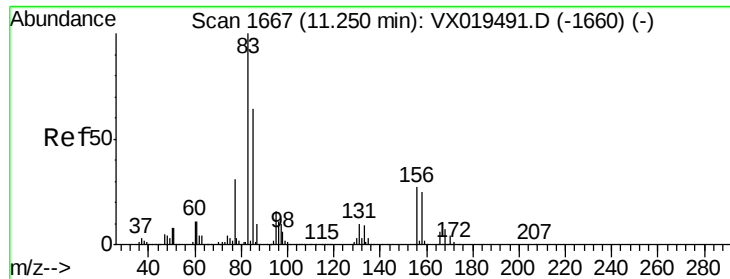
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.350 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

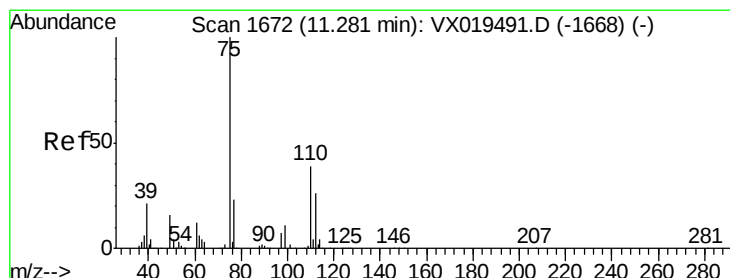
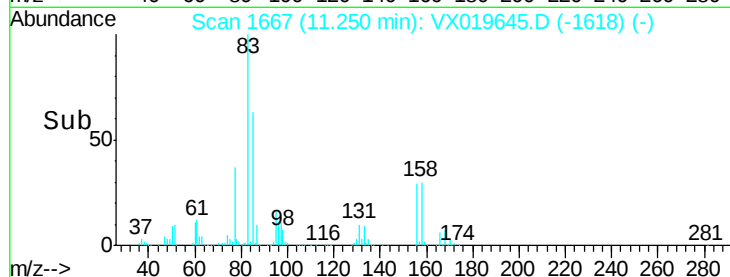
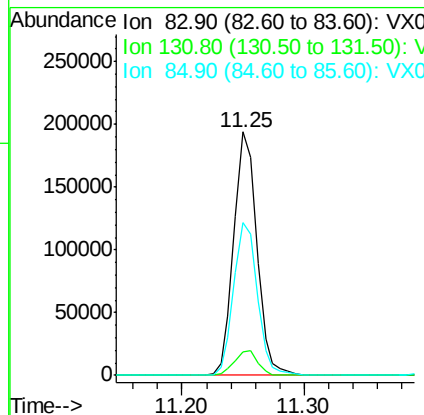
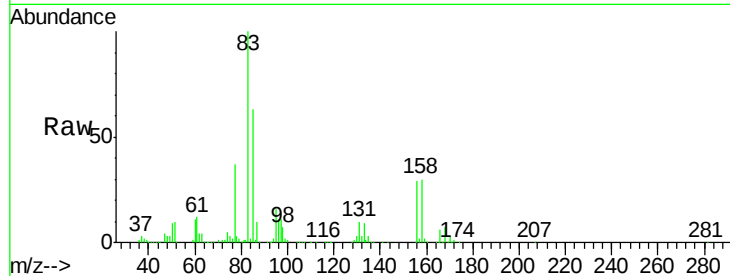
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	253537
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.5	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 51.343 ug/l m

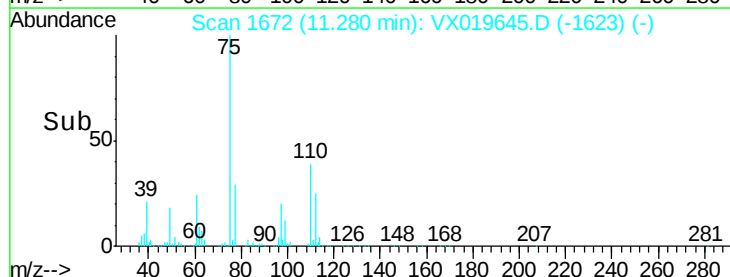
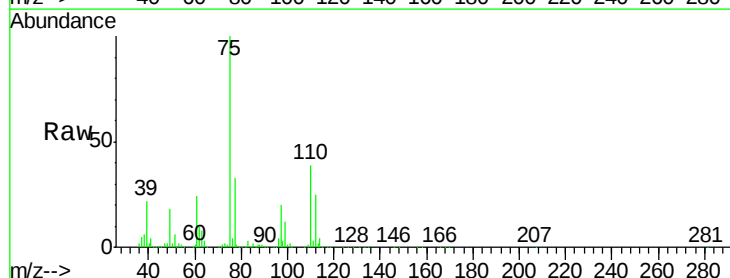
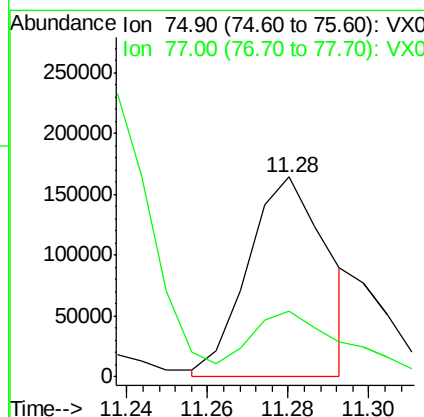
RT: 11.28 min Scan# 1672

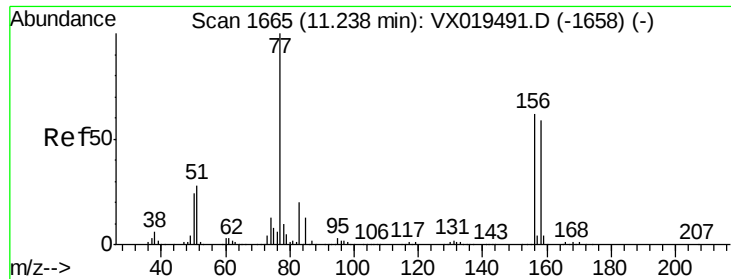
Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion:	75	Resp:	223630
Ion Ratio	Lower	Upper	
75	100		
77	39.9	20.0	60.0





#77

Bromobenzene

Concen: 52.594 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

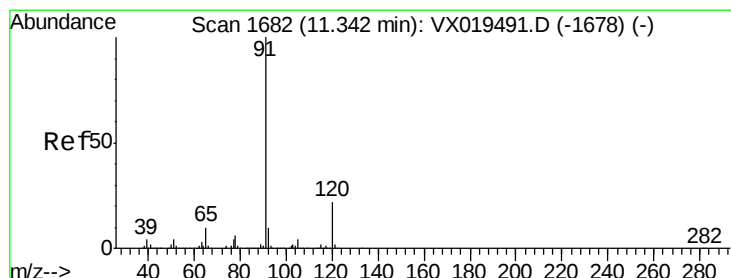
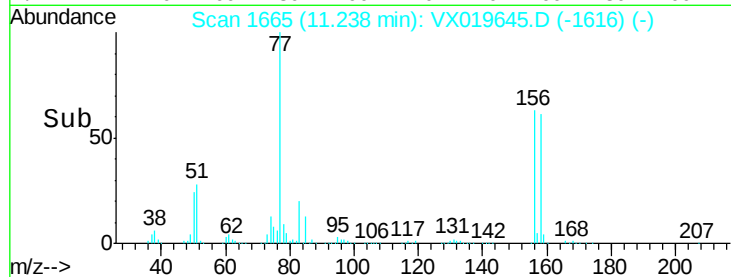
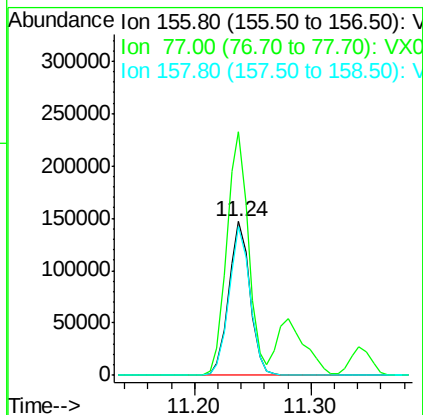
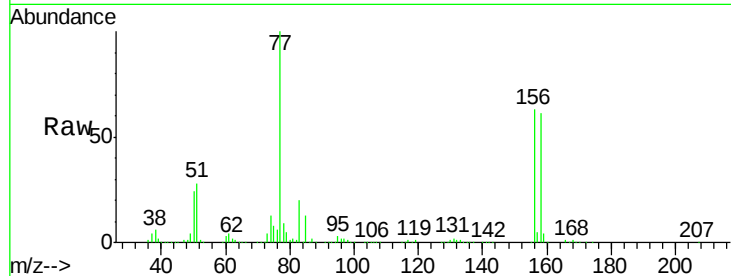
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	185377
Ion Ratio	Lower	Upper	
156	100		
77	161.9	82.5	247.3
158	96.5	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 52.214 ug/l

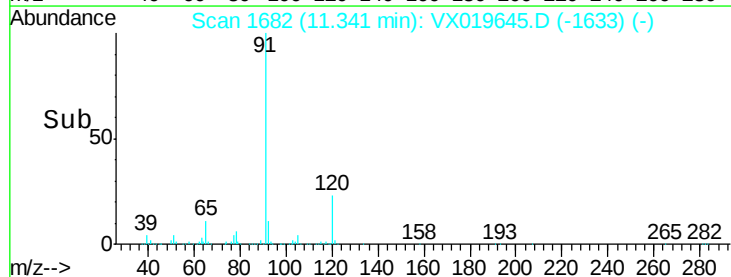
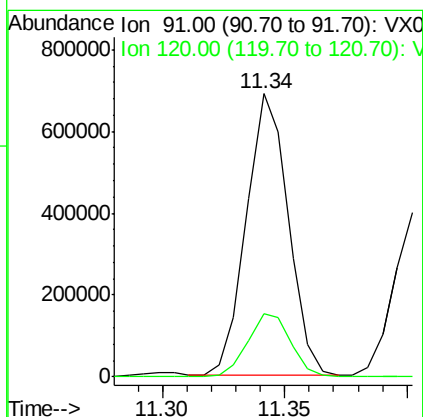
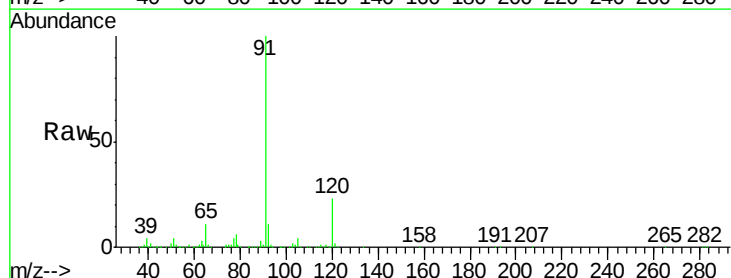
RT: 11.34 min Scan# 1682

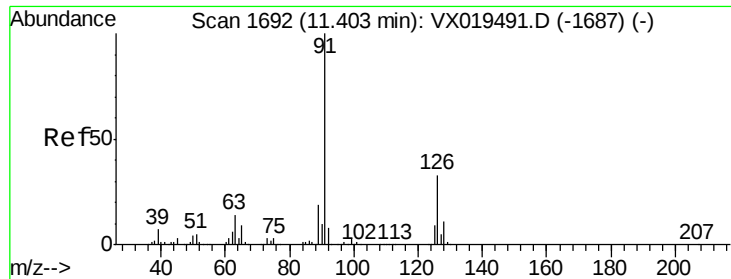
Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion:	91	Resp:	827015
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.868 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 507846

Ion Ratio Lower Upper

91 100

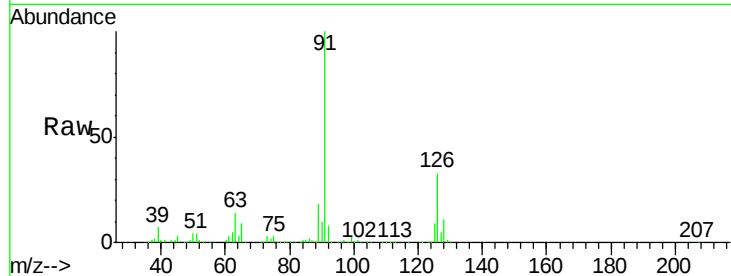
126 33.3 16.7 50.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)

800000

600000

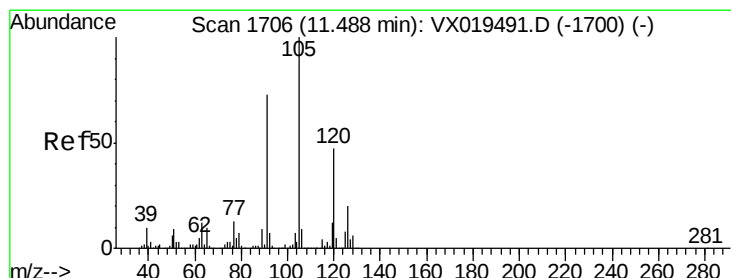
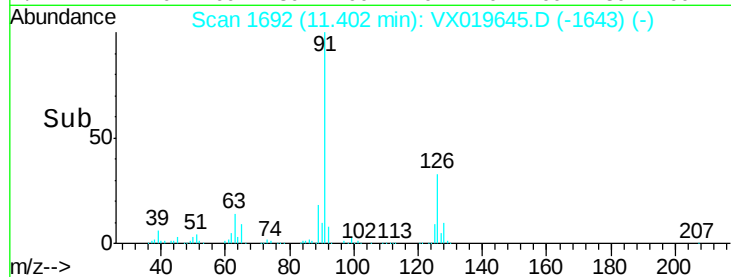
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.258 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019645.D

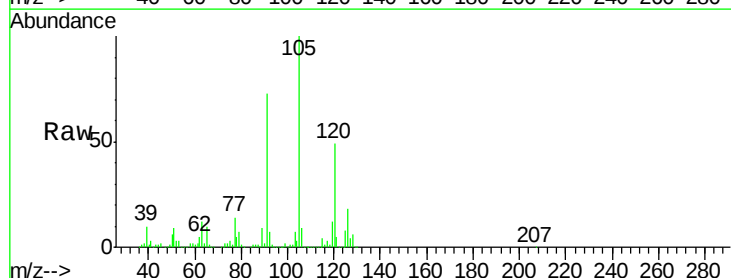
Acq: 25 Nov 2020 07:24

Tgt Ion: 105 Resp: 616853

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)

500000

400000

300000

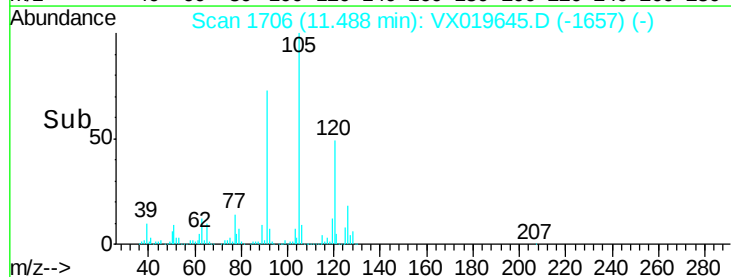
200000

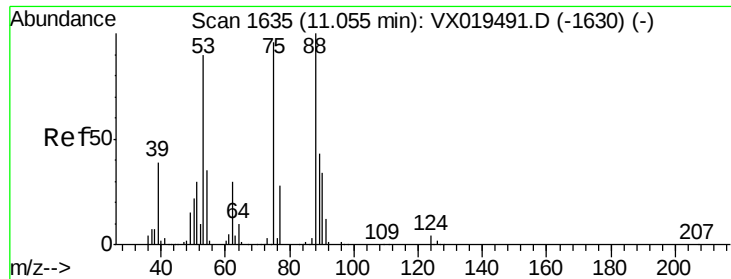
100000

0

11.40 11.50 11.60

Time-->





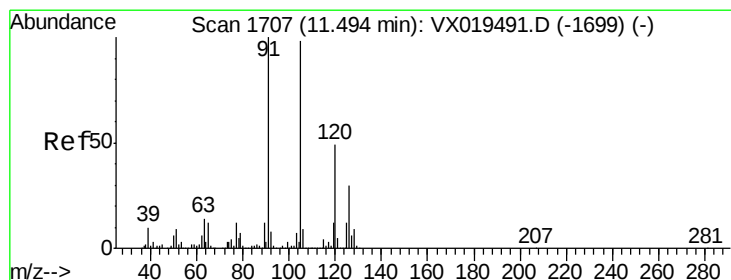
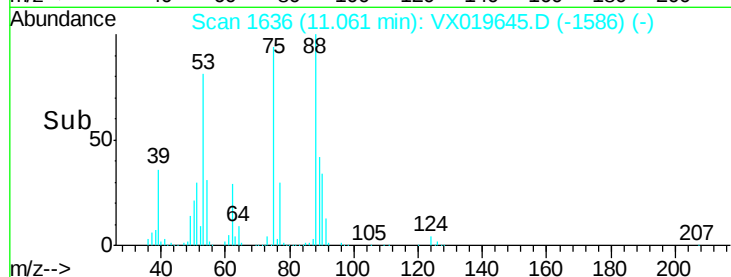
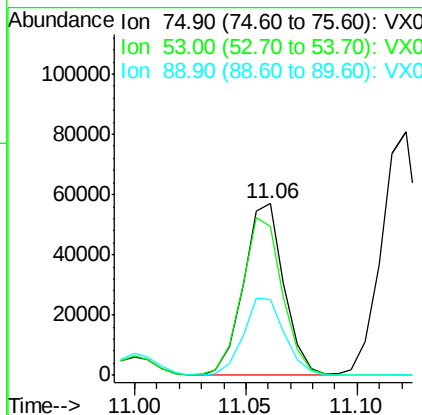
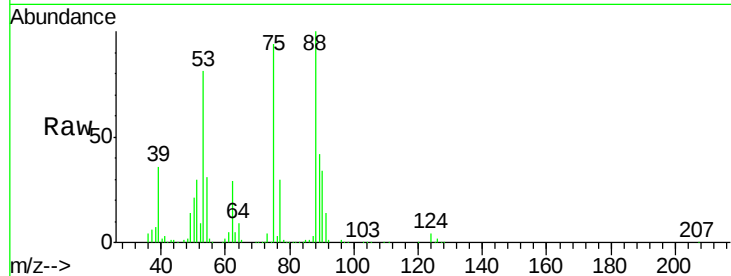
#81
trans-1,4-Dichloro-2-butene
Concen: 44.810 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	73.9	110.9
89	46.3	37.3	55.9

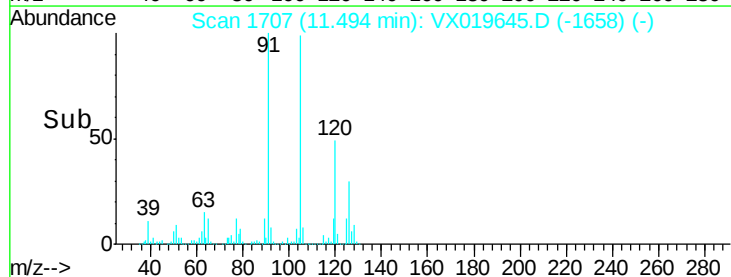
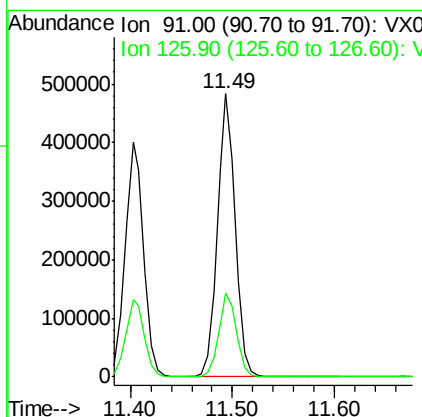
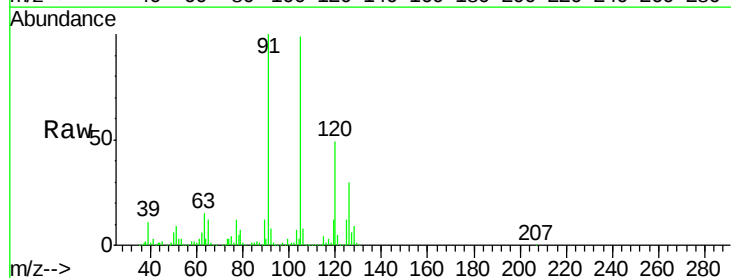
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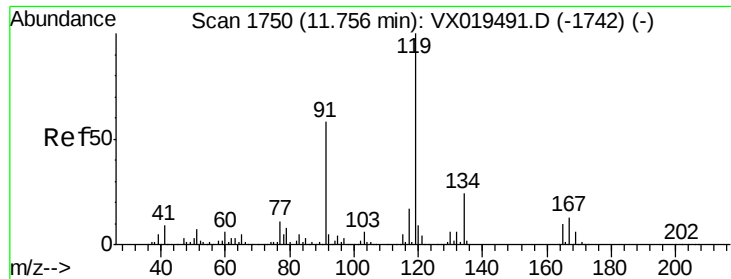
MMDadoda
11/25/2020 9:55:08 AM



#82
4-Chlorotoluene
Concen: 52.298 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.9	44.7





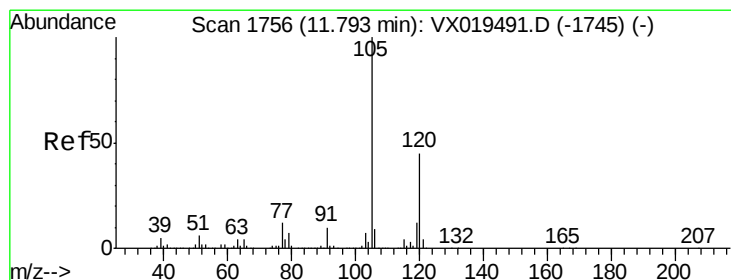
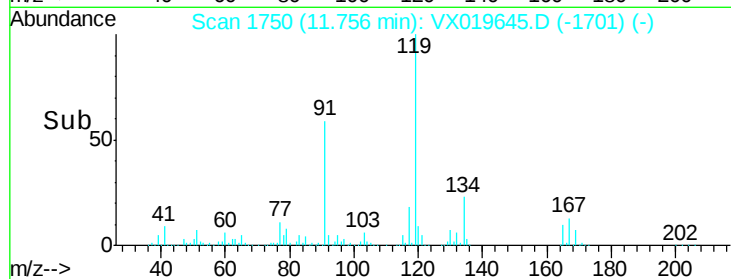
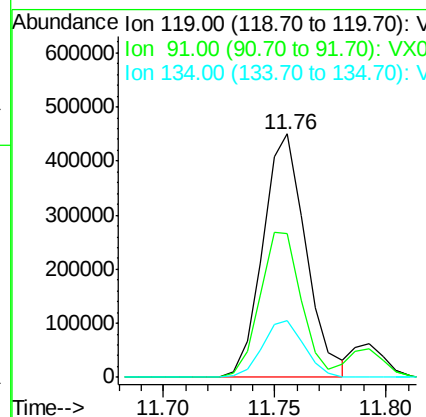
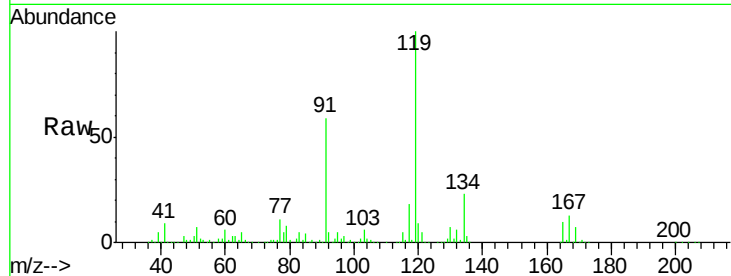
#83
 tert-Butylbenzene
 Concen: 53.962 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.9	86.8
134	22.7	11.7	35.0

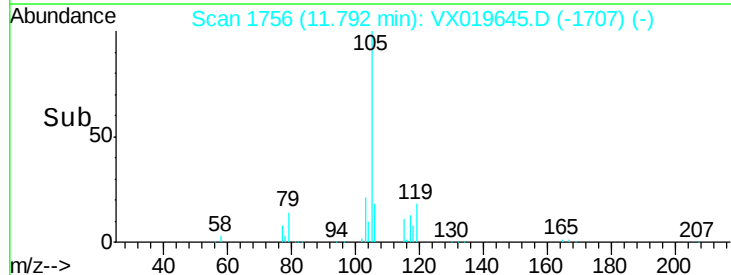
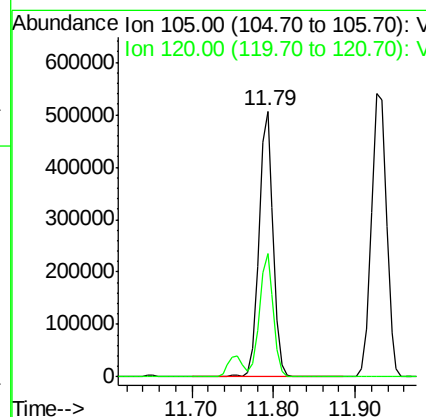
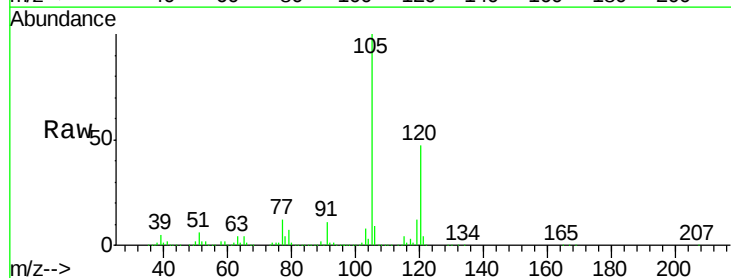
Manual Integrations
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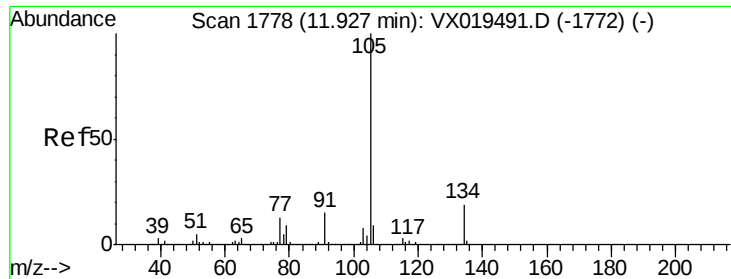
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 11/25/2020 9:55:08 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.072 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.2	66.6





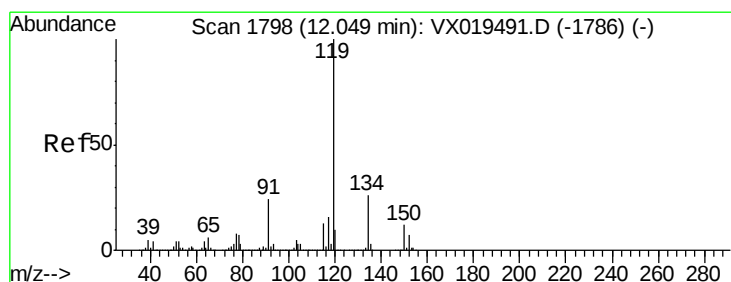
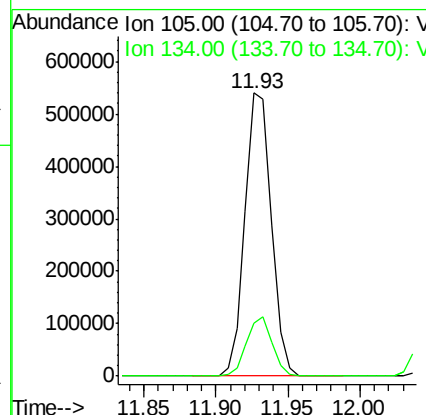
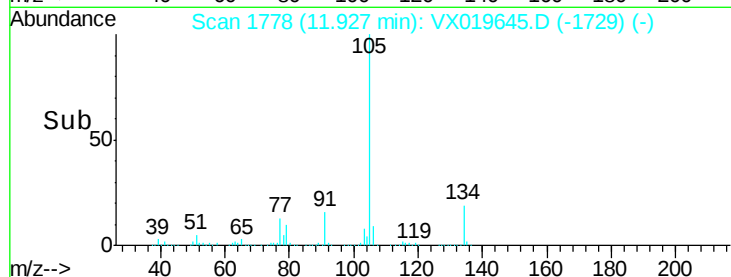
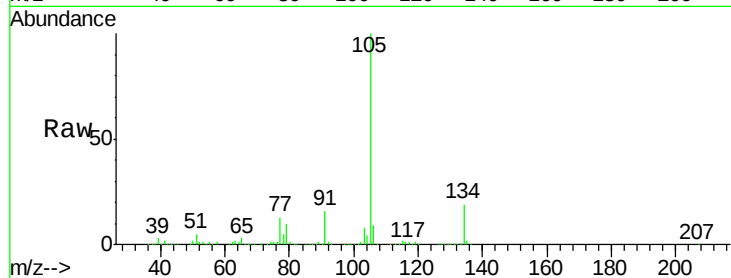
#85
 sec-Butylbenzene
 Concen: 51.613 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.3

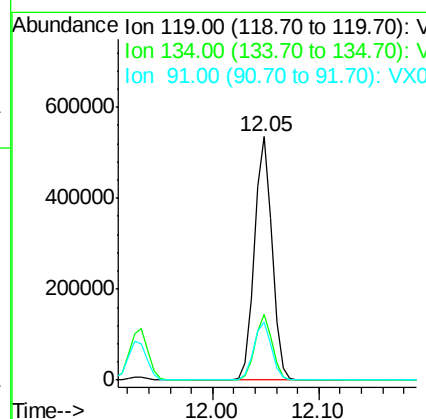
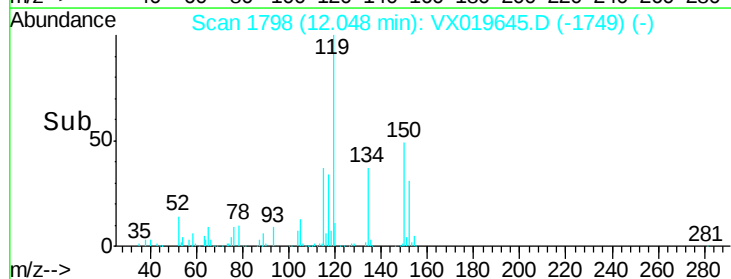
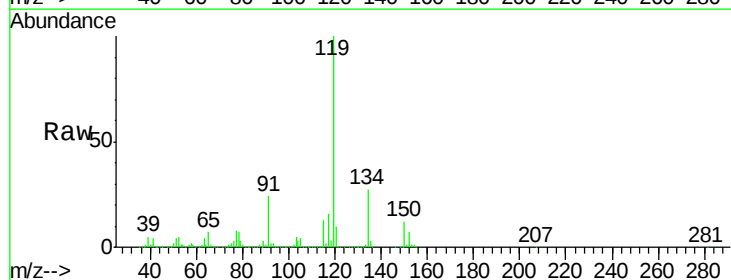
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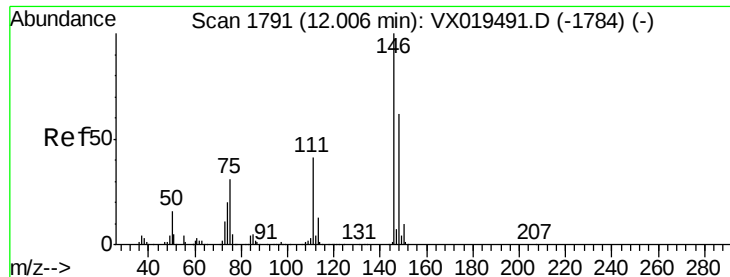
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#86
 p-Isopropyltoluene
 Concen: 51.370 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.3
91	24.0	11.8	35.4





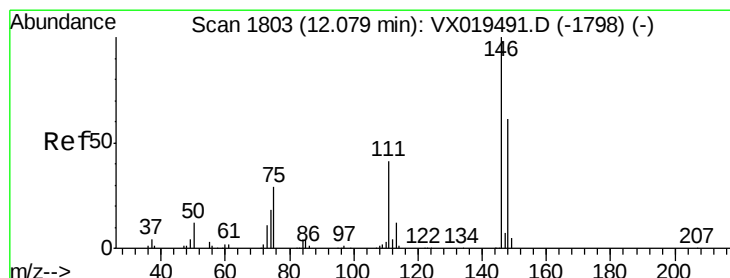
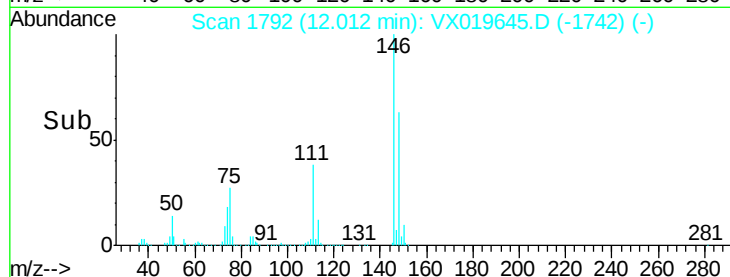
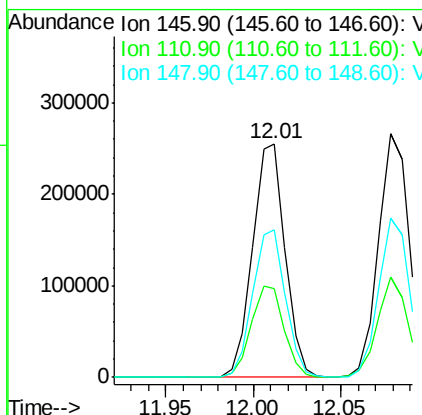
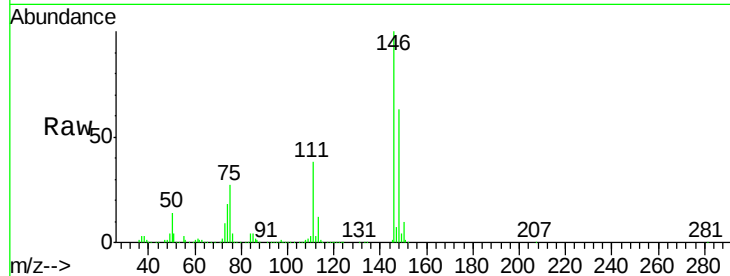
#87
 1,3-Dichlorobenzene
 Concen: 51.082 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	63.6	31.4	94.2

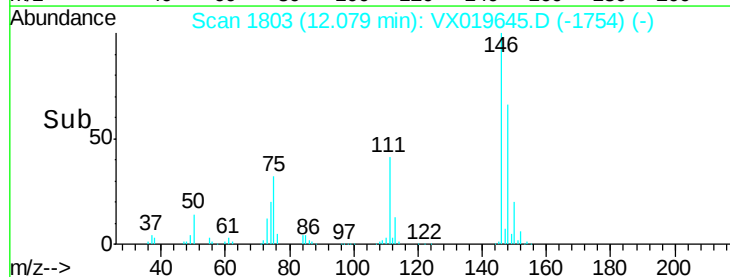
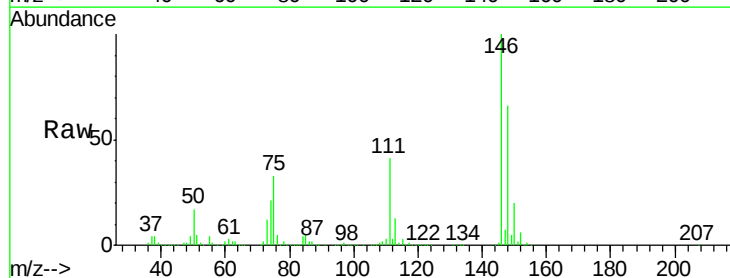
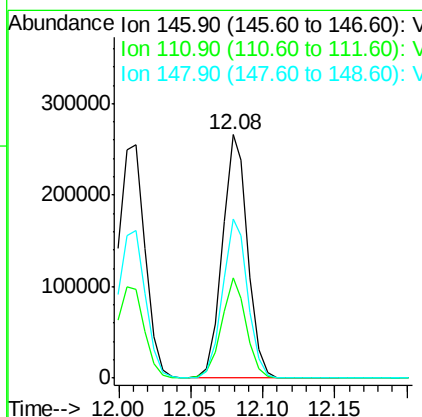
Manual Integrations
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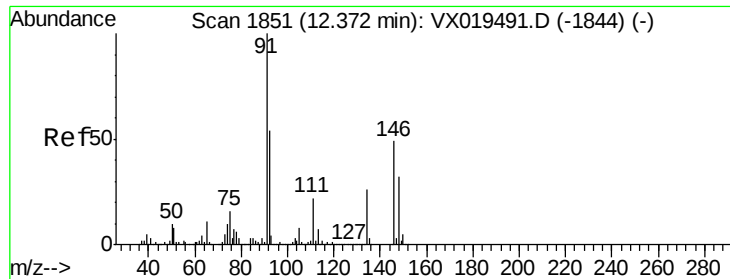
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 11/25/2020 9:55:08 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019645.D
 Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.6
148	65.2	31.7	95.1





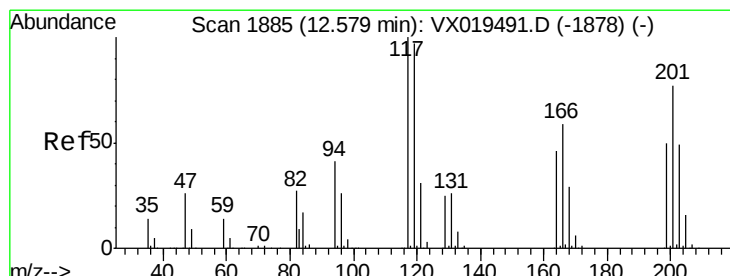
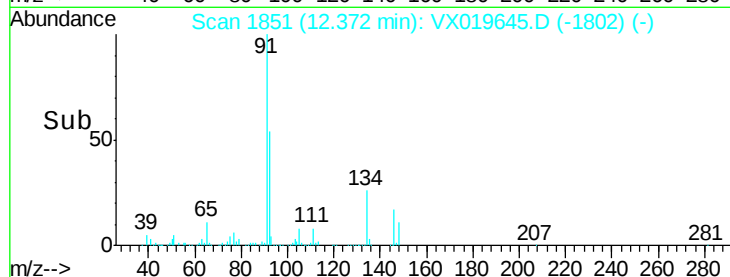
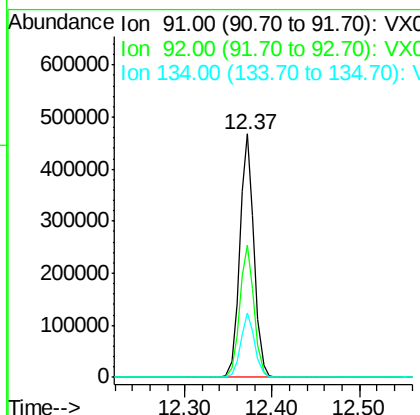
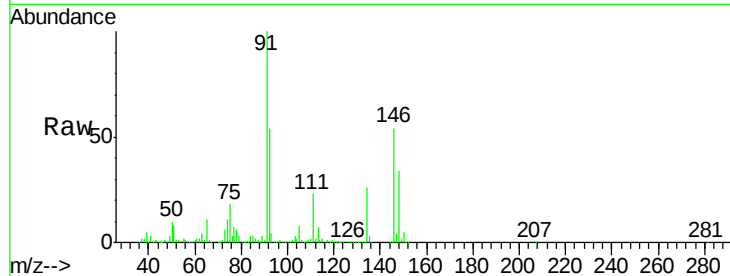
#89
n-Butylbenzene
Concen: 48.519 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		530889		
92	54.7	26.9		80.6	
134	25.9	12.9		38.6	

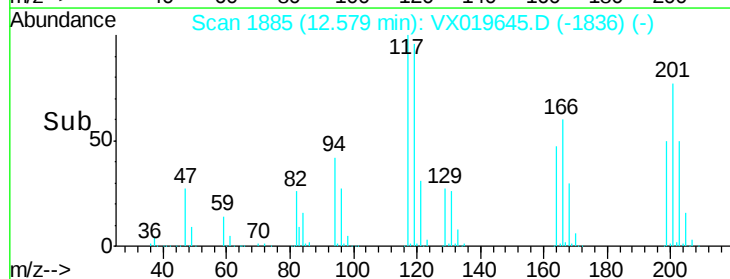
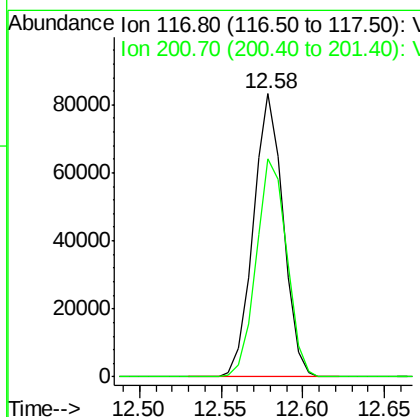
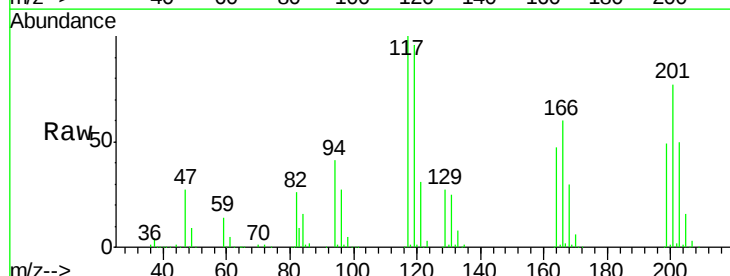
Manual Integrations
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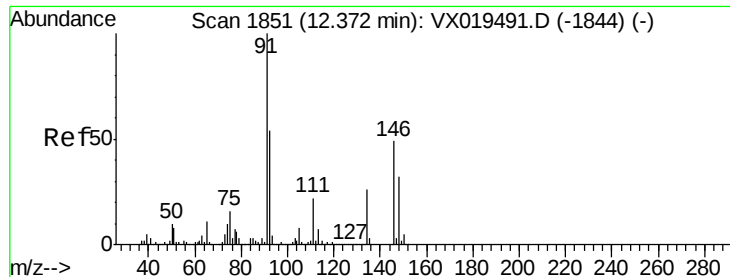
MMDadoda
11/25/2020 9:55:08 AM



#90
Hexachloroethane
Concen: 52.353 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		106027		
201	78.7	39.4		118.2	





#91

1,2-Dichlorobenzene

Concen: 51.005 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

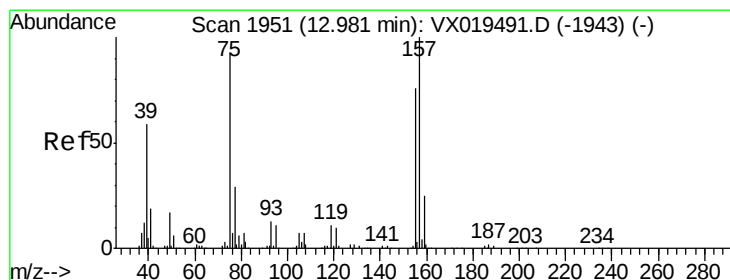
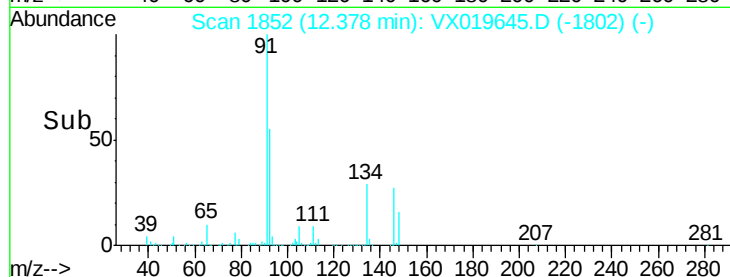
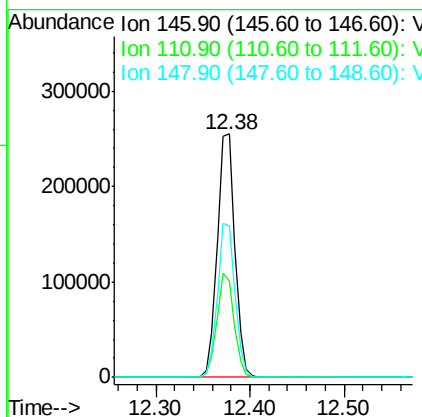
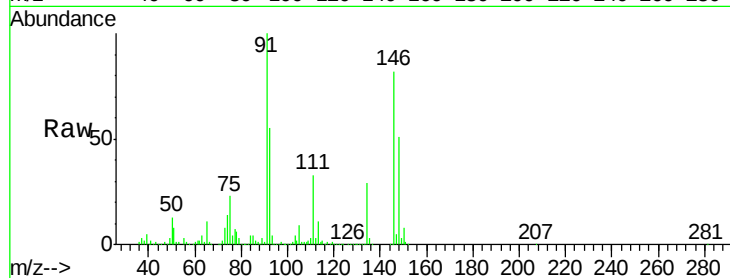
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	331598
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.1	63.3
148	63.0	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.297 ug/l

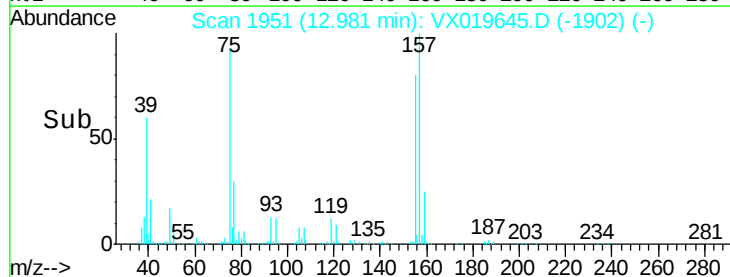
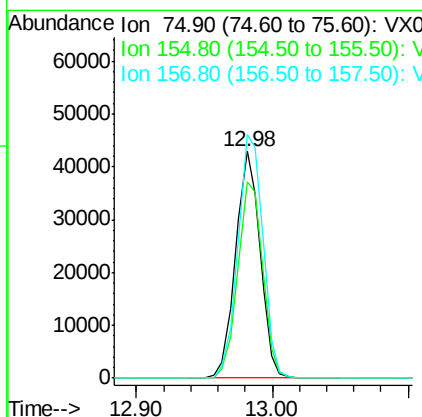
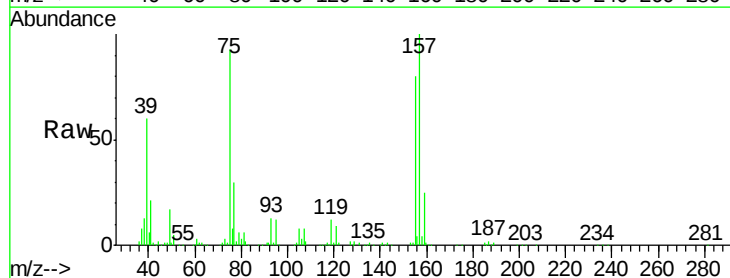
RT: 12.98 min Scan# 1951

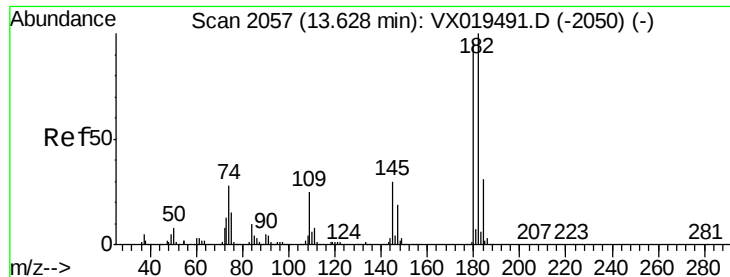
Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion:	75	Resp:	53685
Ion Ratio	Lower	Upper	
75	100		
155	88.0	43.6	130.9
157	110.1	57.0	170.8





#93

1,2,4-Trichlorobenzene

Concen: 50.216 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Instrument :

MSVOA_X

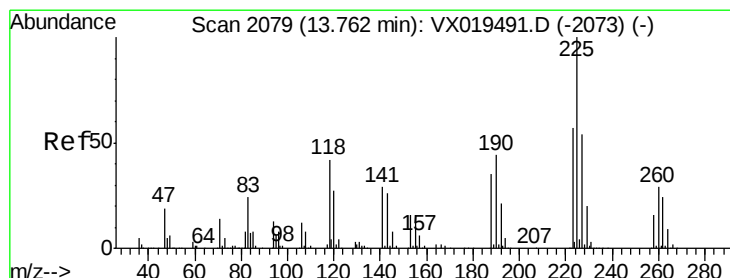
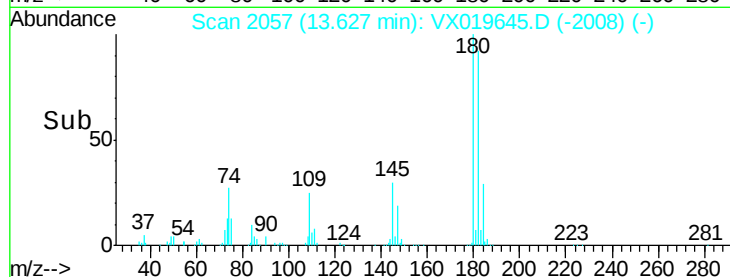
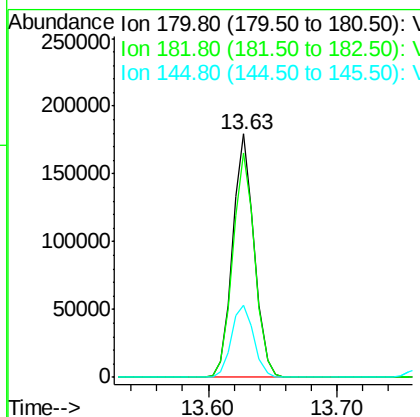
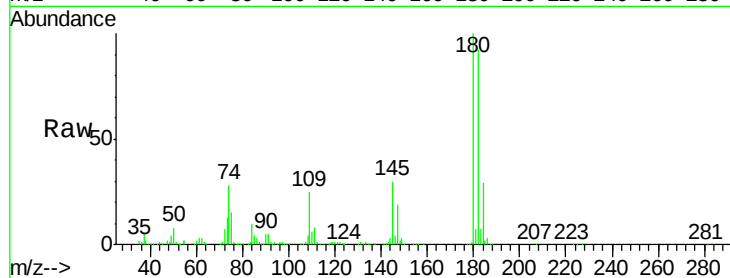
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	209600
Ion Ratio	Lower	Upper	
180	100		
182	94.0	48.6	145.9
145	31.1	15.9	47.7

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#94

Hexachlorobutadiene

Concen: 43.327 ug/l

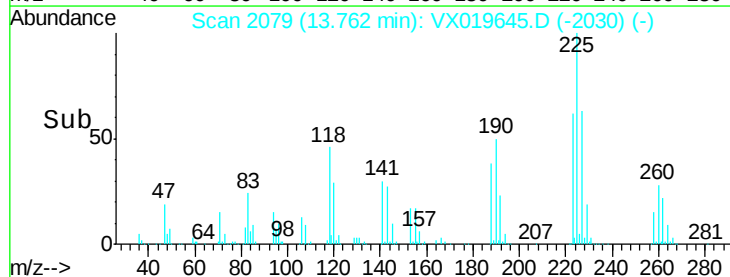
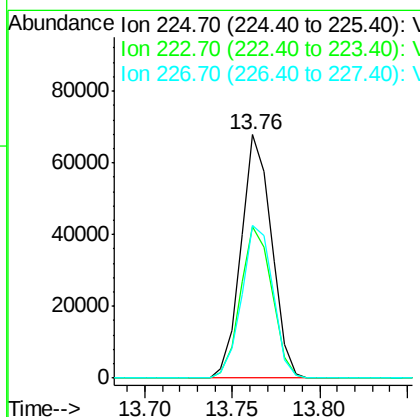
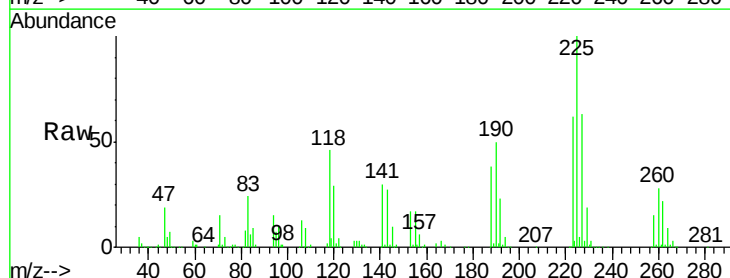
RT: 13.76 min Scan# 2079

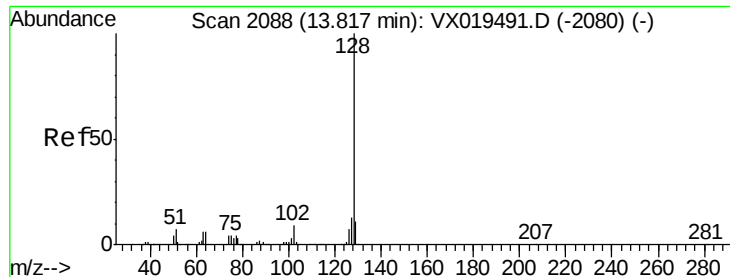
Delta R.T. -0.00 min

Lab File: VX019645.D

Acq: 25 Nov 2020 07:24

Tgt Ion:	225	Resp:	82383
Ion Ratio	Lower	Upper	
225	100		
223	63.8	32.5	97.5
227	64.3	32.8	98.3





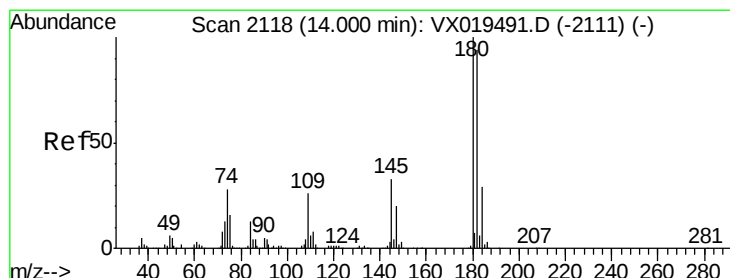
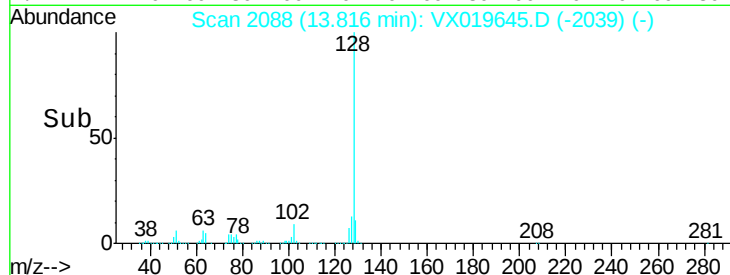
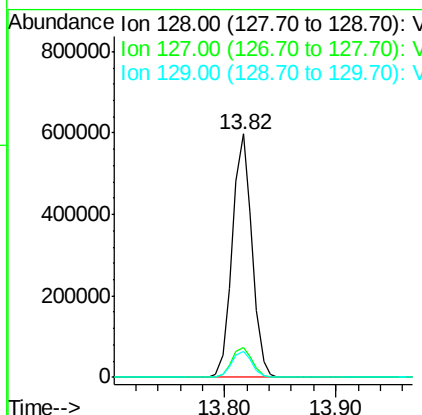
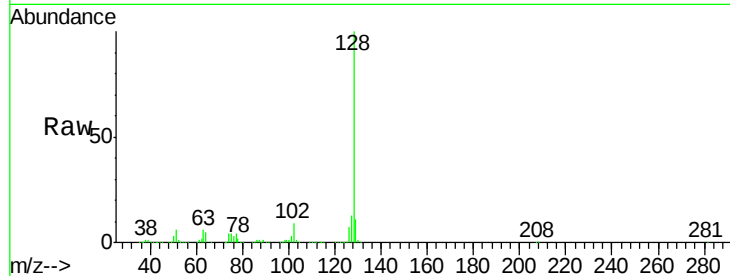
#95
Naphthalene
Concen: 49.362 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.917 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019645.D
Acq: 25 Nov 2020 07:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.3
145	32.7	16.6	49.8

