

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103120\
 Data File : VX019189.D
 Acq On : 29 Oct 2020 15:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:36 PM

Quant Time: Oct 30 04:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	272329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171908	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.46	113	140915	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.70	98	535690	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.12	95	205016	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119904	52.814	ug/l	100
3) Chloromethane	1.31	50	135166	53.291	ug/l	99
4) Vinyl Chloride	1.39	62	155190	52.759	ug/l	99
5) Bromomethane	1.63	94	97008	48.291	ug/l	99
6) Chloroethane	1.71	64	101778	54.193	ug/l	96
7) Trichlorofluoromethane	1.92	101	245292	53.080	ug/l	99
8) Diethyl Ether	2.17	74	95308	53.739	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138527	54.082	ug/l	99
10) Methyl Iodide	2.49	142	172568	56.175	ug/l	100
11) Tert butyl alcohol	3.01	59	184964	266.644	ug/l	98
12) 1,1-Dichloroethene	2.36	96	135396	51.297	ug/l	100
13) Acrolein	2.27	56	82454	265.500	ug/l	99
14) Allyl chloride	2.71	41	216313	54.107	ug/l	99
15) Acrylonitrile	3.11	53	393643	270.052	ug/l	99
16) Acetone	2.42	43	342813	282.945	ug/l	99
17) Carbon Disulfide	2.55	76	373862	49.696	ug/l	100
18) Methyl Acetate	2.75	43	157375	53.416	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	491578	53.752	ug/l	99
20) Methylene Chloride	2.83	84	156691	51.514	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	155724	51.263	ug/l	99
22) Diisopropyl ether	3.82	45	440427	55.260	ug/l	92
23) Vinyl Acetate	3.78	43	1982121	278.878	ug/l	99
24) 1,1-Dichloroethane	3.67	63	270285	54.314	ug/l	100
25) 2-Butanone	4.63	43	537854	281.678	ug/l	98
26) 2,2-Dichloropropane	4.54	77	252730	54.023	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175997	51.847	ug/l	98
28) Bromochloromethane	4.98	49	127371	56.302	ug/l	95
29) Tetrahydrofuran	5.08	42	335465	278.780	ug/l	99
30) Chloroform	5.17	83	285179	53.840	ug/l	94
31) Cyclohexane	5.54	56	235834	53.122	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	256795	53.474	ug/l	99
36) 1,1-Dichloropropene	5.76	75	216746	52.814	ug/l	99
37) Ethyl Acetate	4.79	43	209896	55.085	ug/l	99
38) Carbon Tetrachloride	5.75	117	223690	53.474	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	266041	54.215	ug/l	99
40) Benzene	6.11	78	628123	53.981	ug/l	99
41) Methacrylonitrile	4.99	41	112917	55.027	ug/l	99
42) 1,2-Dichloroethane	6.15	62	230426	53.732	ug/l	100
43) Isopropyl Acetate	6.40	43	345936	54.220	ug/l	100
44) Trichloroethene	7.18	130	170678	51.217	ug/l	96
45) 1,2-Dichloropropane	7.49	63	159031	55.799	ug/l	99
46) Dibromomethane	7.63	93	110745	52.548	ug/l	98
47) Bromodichloromethane	7.87	83	227184	54.690	ug/l	99
48) Methyl methacrylate	7.74	41	170802	55.620	ug/l	98
49) 1,4-Dioxane	7.72	88	74735	1094.330	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1046169	285.289	ug/l	100
52) Toluene	8.76	92	405765	54.143	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	255703	53.893	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	272900	54.697	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	162037	54.722	ug/l	98
56) Ethyl methacrylate	9.16	69	250762	56.066	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271746	54.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	524504	209.688	ug/l	98
59) 2-Hexanone	9.47	43	814350	291.736	ug/l	100
60) Dibromochloromethane	9.56	129	176733	54.996	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171226	54.075	ug/l	98
64) Tetrachloroethene	9.32	164	159251	51.291	ug/l	98
65) Chlorobenzene	10.12	112	434603	52.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	162527	54.202	ug/l	99
67) Ethyl Benzene	10.23	91	787327	53.047	ug/l	99
68) m/p-Xylenes	10.34	106	602556	108.169	ug/l	99
69) o-Xylene	10.68	106	285248	53.988	ug/l	100
70) Styrene	10.70	104	488289	54.164	ug/l	99
71) Bromoform	10.84	173	130066	54.708	ug/l	97
73) Isopropylbenzene	11.00	105	779385	54.597	ug/l	100
74) N-amyl acetate	10.88	43	298954	57.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	235938	52.884	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229992m	55.232	ug/l	
77) Bromobenzene	11.24	156	187489	52.919	ug/l	96
78) n-propylbenzene	11.34	91	905135	55.544	ug/l	100
79) 2-Chlorotoluene	11.40	91	532803	55.536	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	659525	54.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	86491	54.689	ug/l	100
82) 4-Chlorotoluene	11.49	91	630932	53.854	ug/l	99
83) tert-Butylbenzene	11.76	119	639356	55.369	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	669985	55.030	ug/l	100
85) sec-Butylbenzene	11.93	105	777750	56.158	ug/l	99
86) p-Isopropyltoluene	12.05	119	717772	56.151	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341611	51.775	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	345719	50.337	ug/l	99
89) n-Butylbenzene	12.37	91	656528	54.640	ug/l	99
90) Hexachloroethane	12.58	117	121761	56.040	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	322464	50.898	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57622	52.760	ug/l	97

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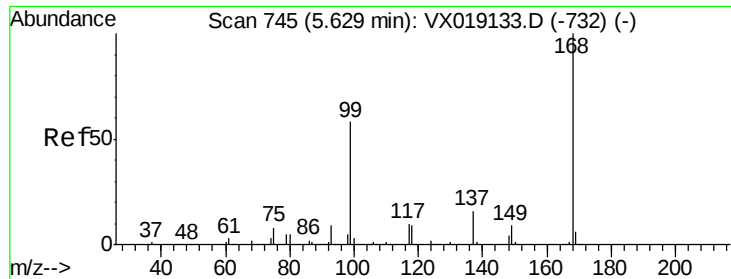
Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:36 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	236291	49.653	ug/l	100
94) Hexachlorobutadiene	13.77	225	105363	50.296	ug/l	95
95) Naphthalene	13.82	128	753500	50.273	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	231694	50.187	ug/l	98

(#) = 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: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 272329

Ion Ratio Lower Upper

168 100

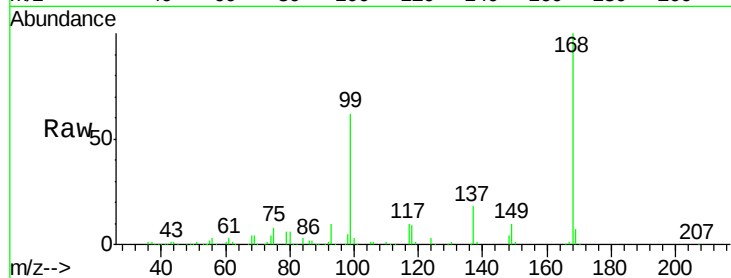
99 61.9 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

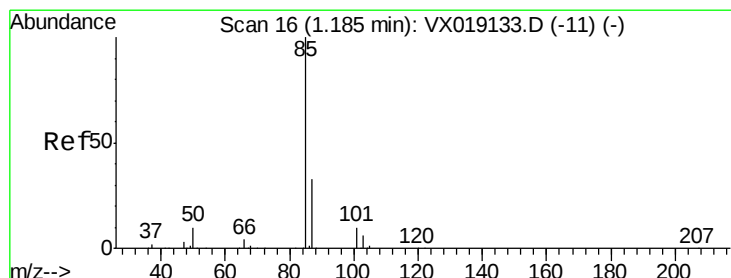
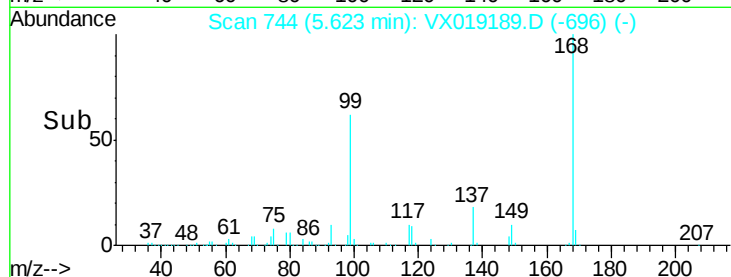
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.814 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019189.D

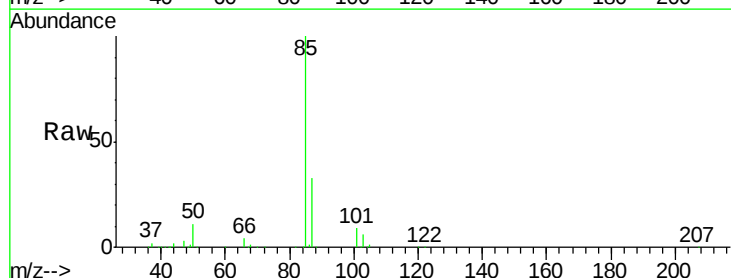
Acq: 29 Oct 2020 15:20

Tgt Ion: 85 Resp: 119904

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

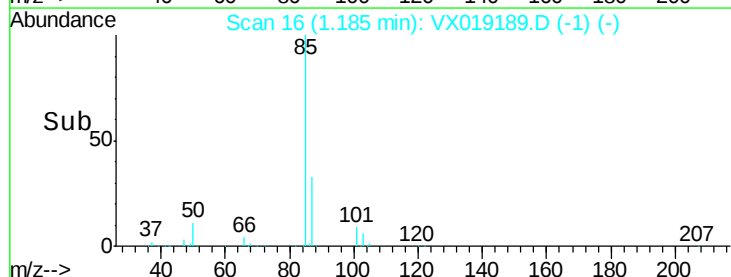
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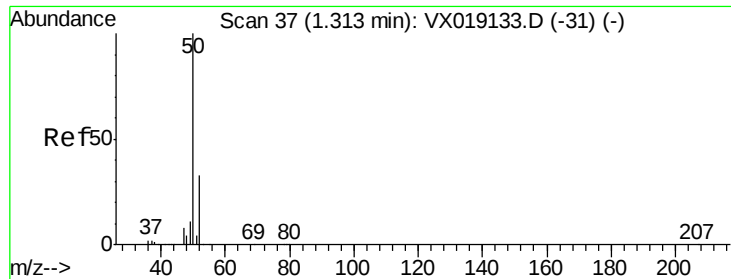
100000

50000

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Time-->





#3

Chloromethane

Concen: 53.291 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 135166

Ion Ratio Lower Upper

50 100

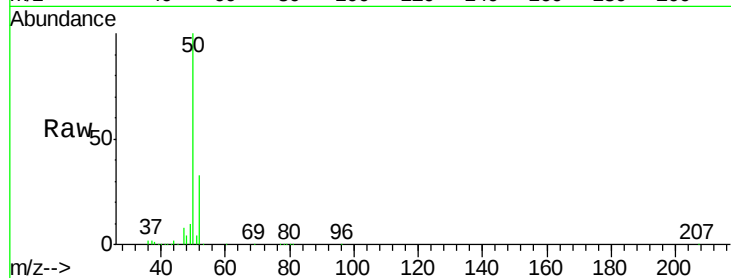
52 33.2 26.8 40.2

Manual Integrations

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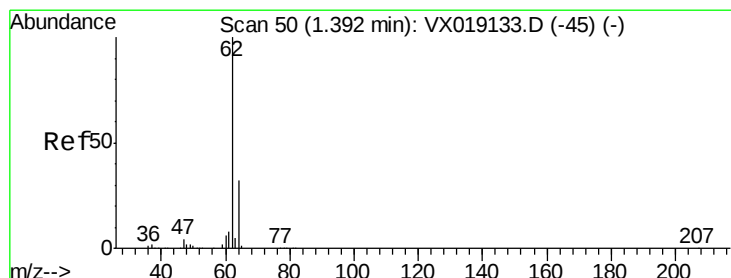
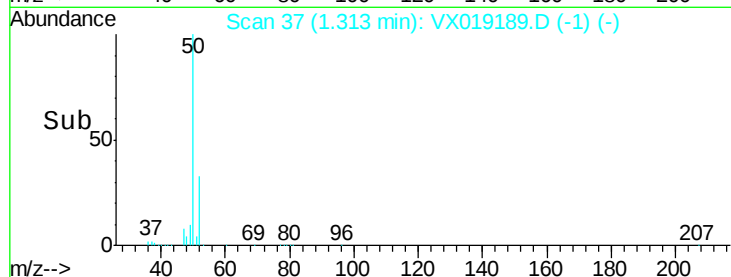
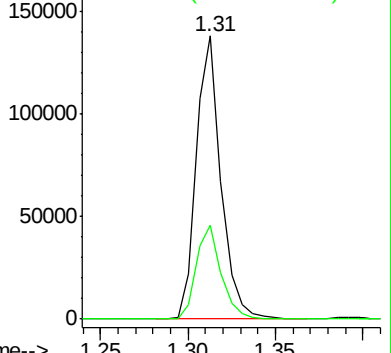
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.759 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019189.D

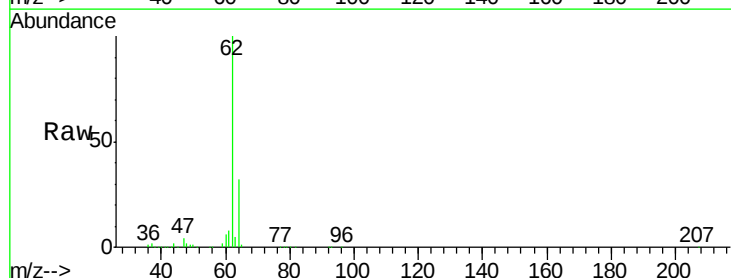
Acq: 29 Oct 2020 15:20

Tgt Ion: 62 Resp: 155190

Ion Ratio Lower Upper

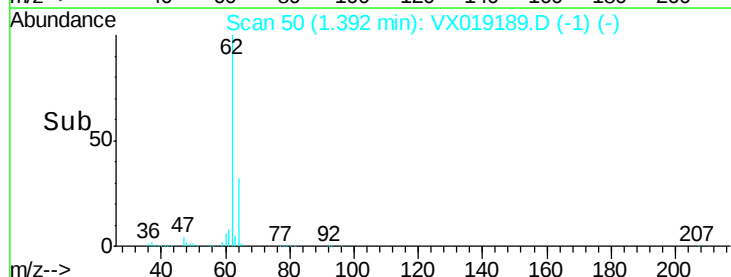
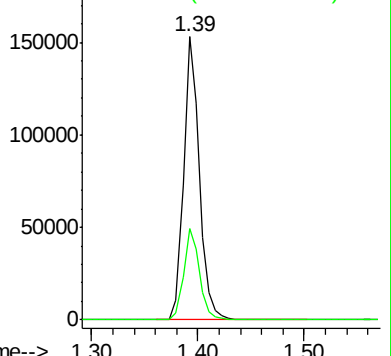
62 100

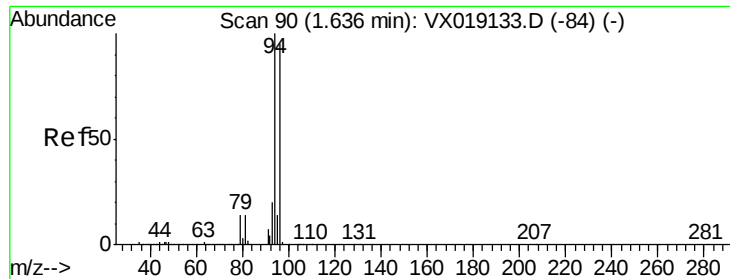
64 32.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.291 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

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MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 97008

Ion Ratio Lower Upper

94 100

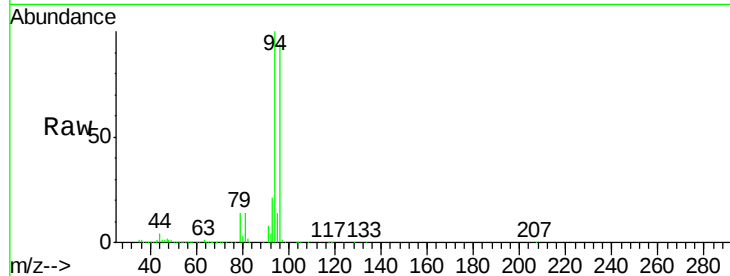
96 93.8 76.0 114.0

Manual Integrations

APPROVED

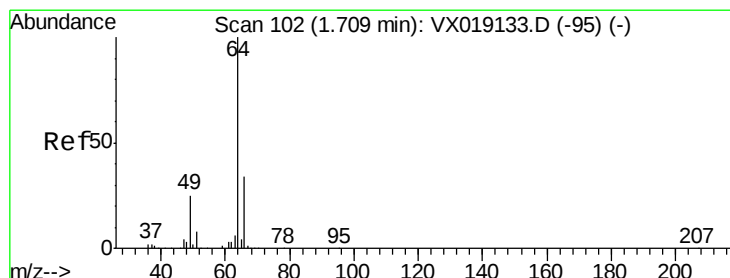
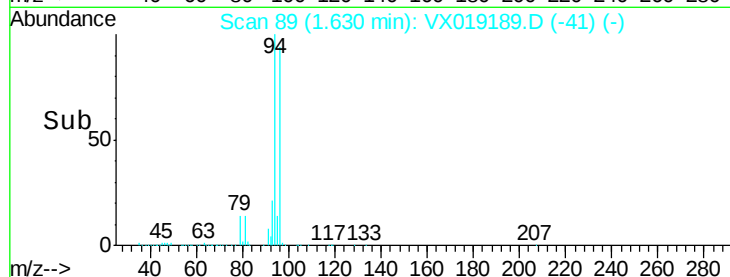
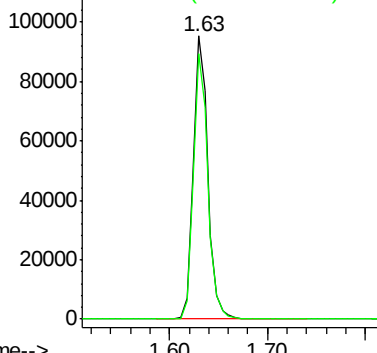
MMDadoda

10/30/2020 12:00:36 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.193 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019189.D

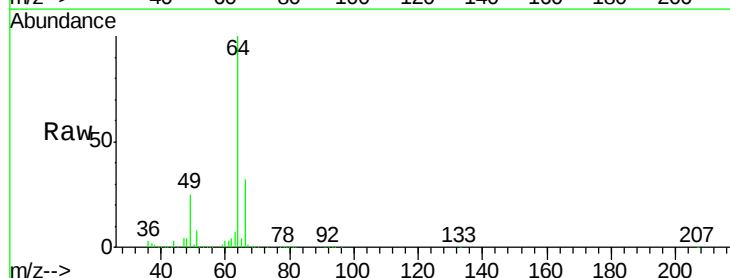
Acq: 29 Oct 2020 15:20

Tgt Ion: 64 Resp: 101778

Ion Ratio Lower Upper

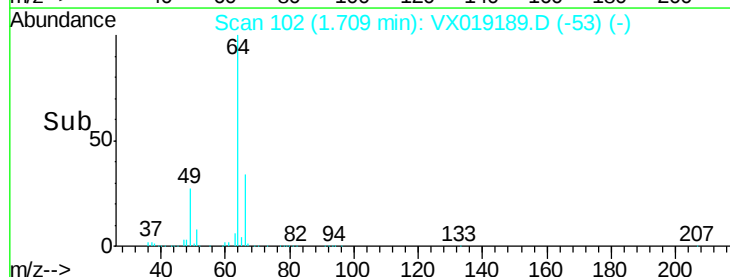
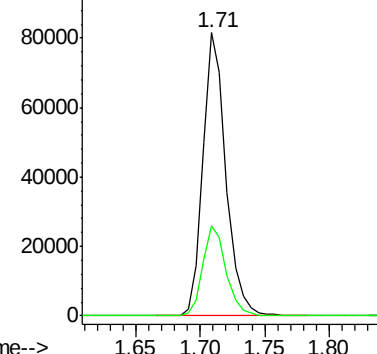
64 100

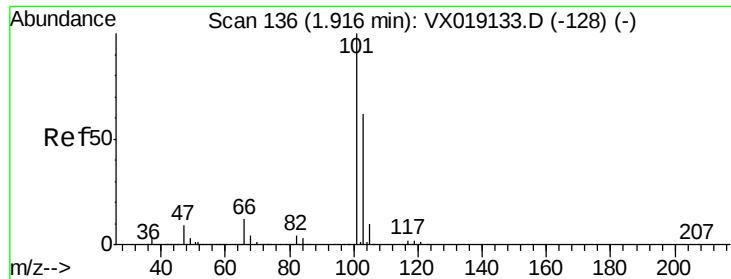
66 31.7 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

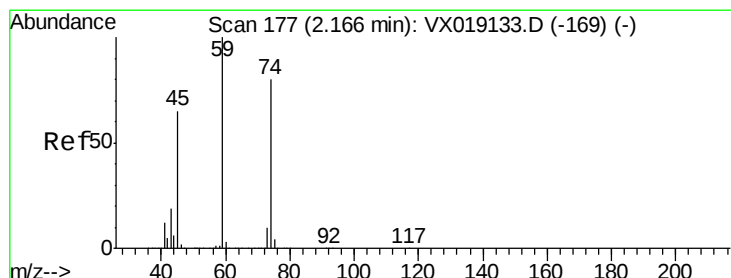
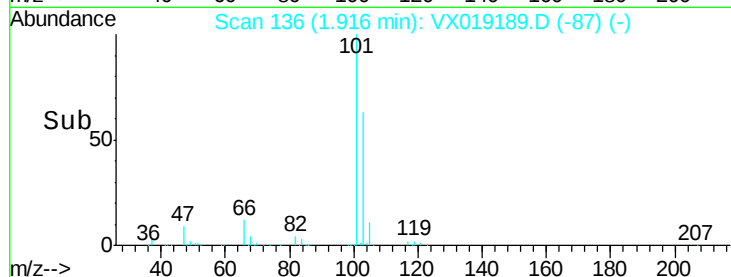
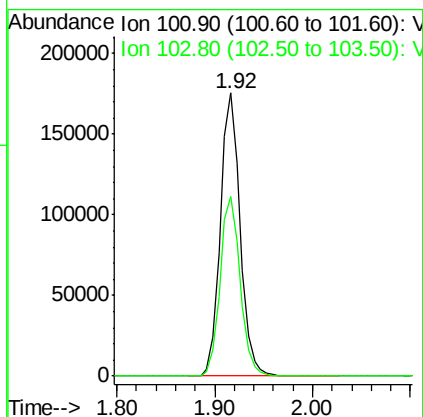
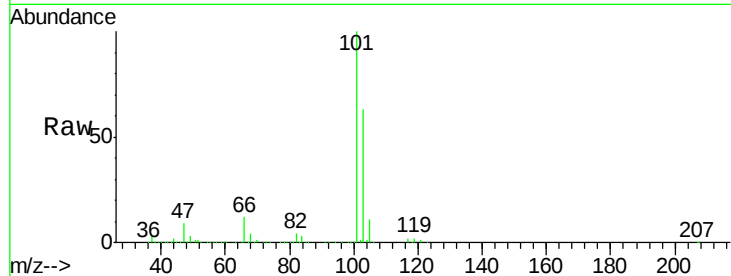
Trichlorofluoromethane
Concen: 53.080 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.0	75.0

Manual Integrations
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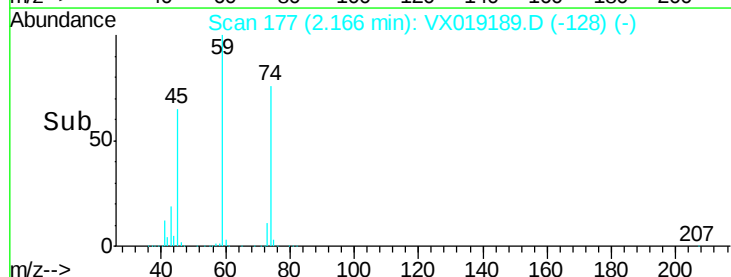
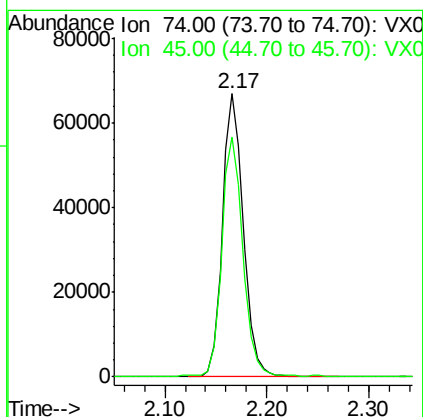
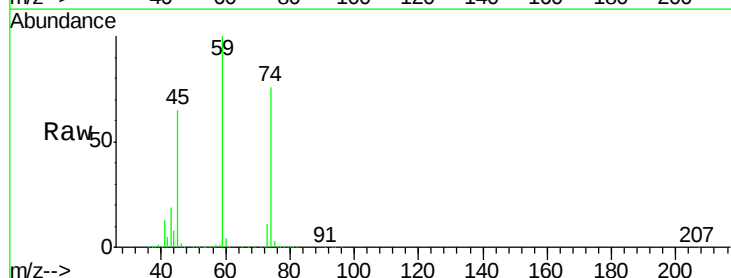
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10/30/2020 12:00:36 PM

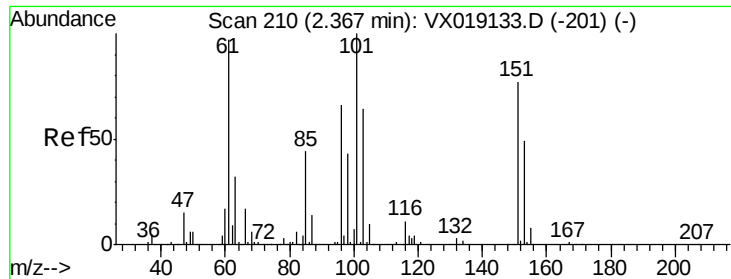


#8

Diethyl Ether
Concen: 53.739 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.7	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.082 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

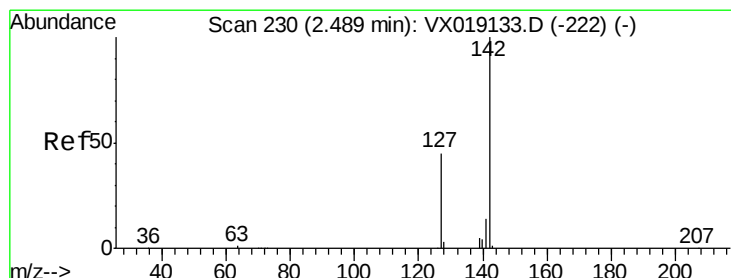
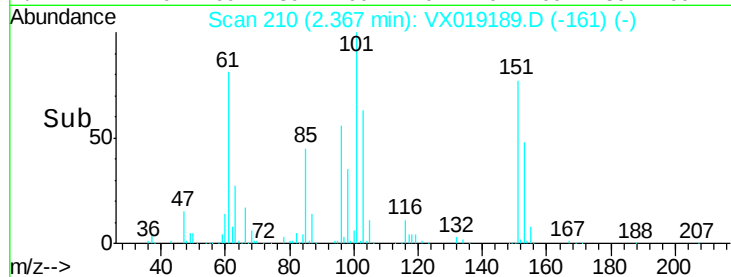
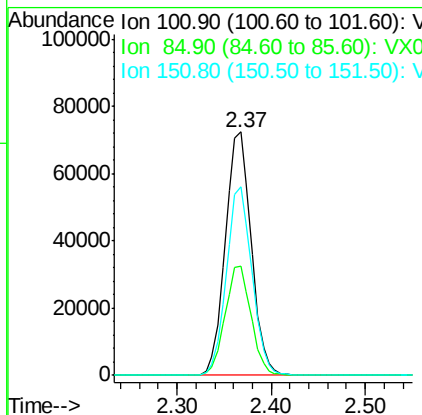
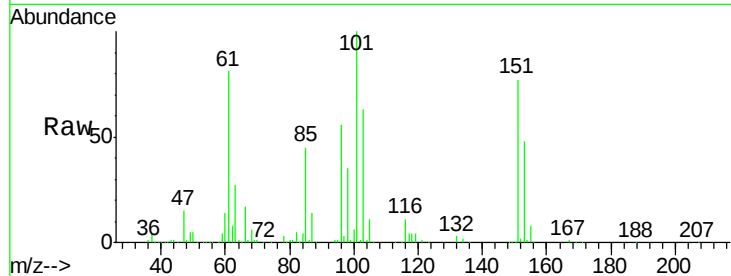
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	138527
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.0	52.4
151	76.3	61.4	92.2

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#10

Methyl Iodide

Concen: 56.175 ug/l

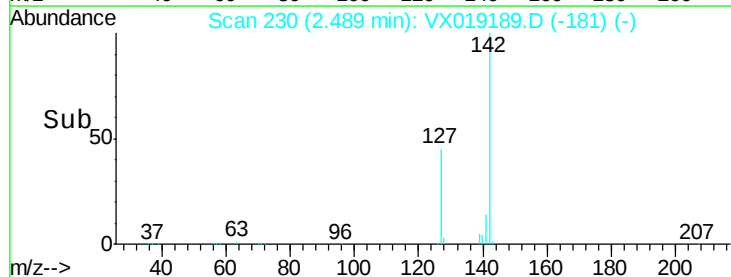
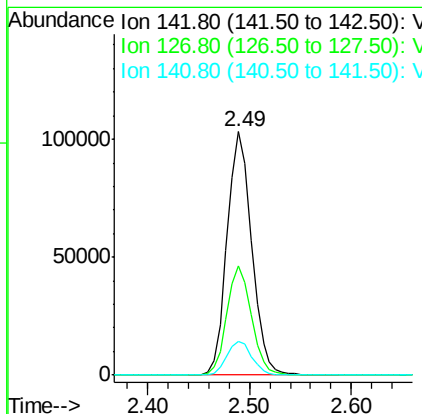
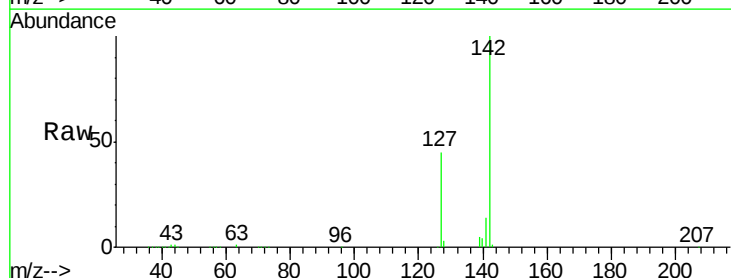
RT: 2.49 min Scan# 230

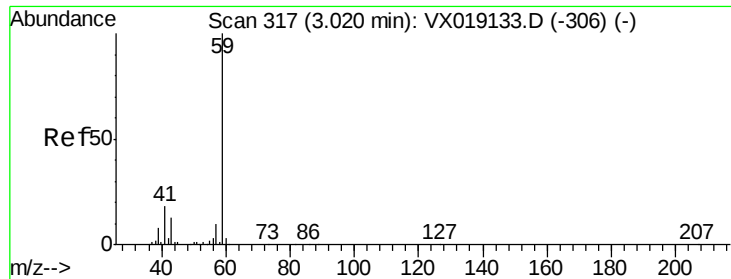
Delta R.T. 0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Tgt Ion:	142	Resp:	172568
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.1	54.1
141	14.4	11.3	16.9





#11

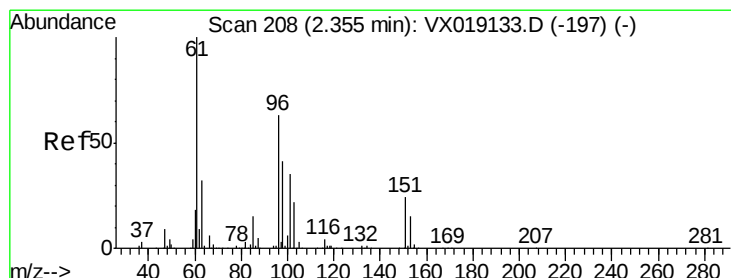
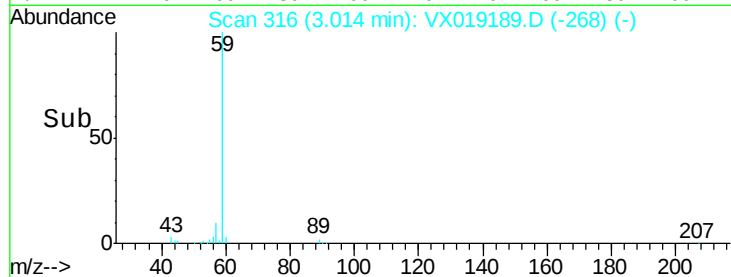
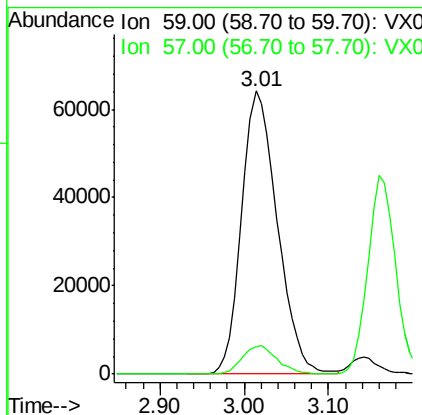
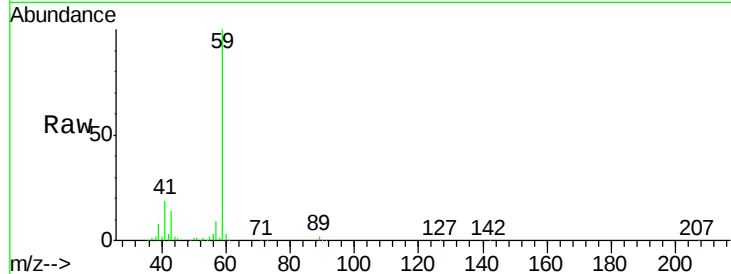
Tert butyl alcohol
Concen: 266.644 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	184964		
57	9.9		8.4	12.6

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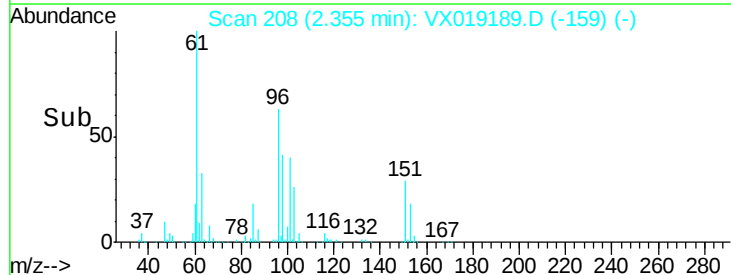
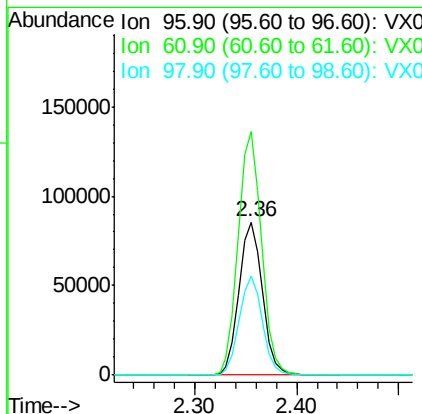
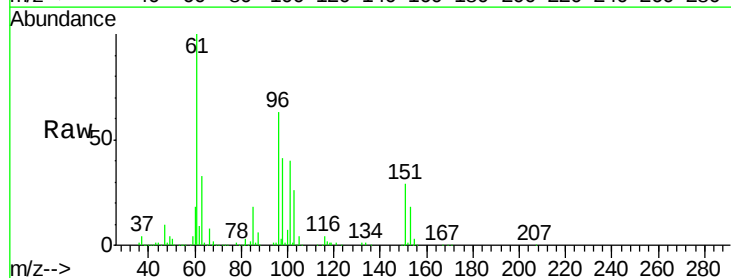
MMDadoda
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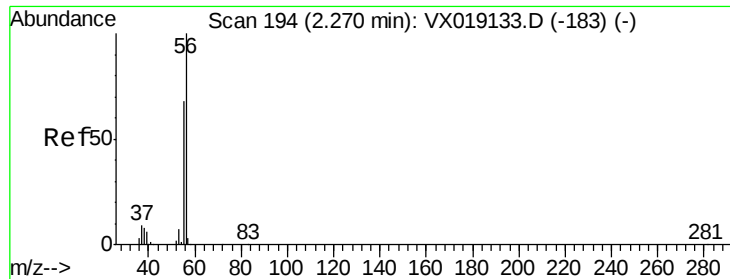


#12

1,1-Dichloroethene
Concen: 51.297 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	135396		
61	159.3		127.7	191.5
98	64.9		52.1	78.1





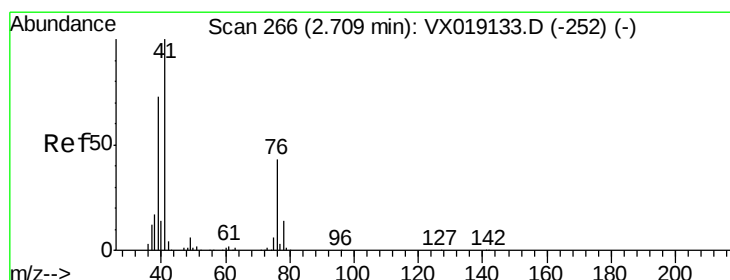
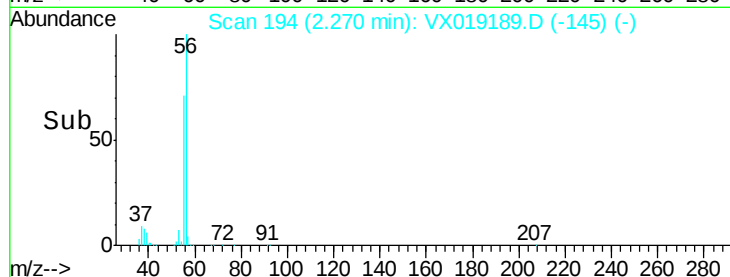
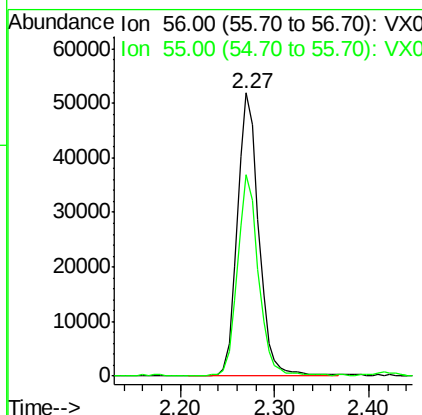
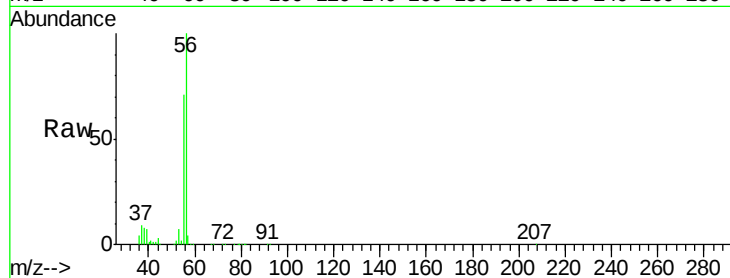
#13
Acrolein
Concen: 265.500 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.2	54.7	82.1

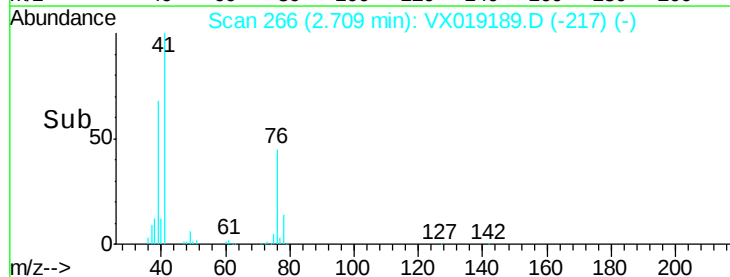
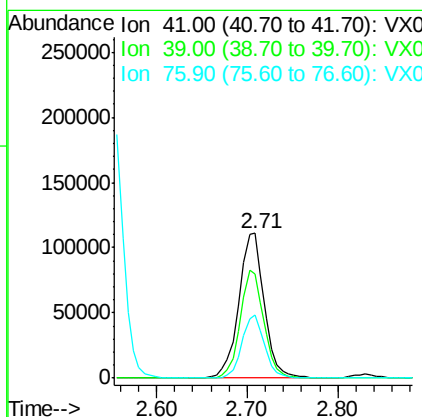
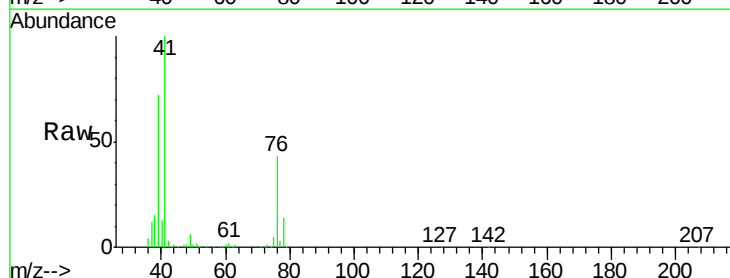
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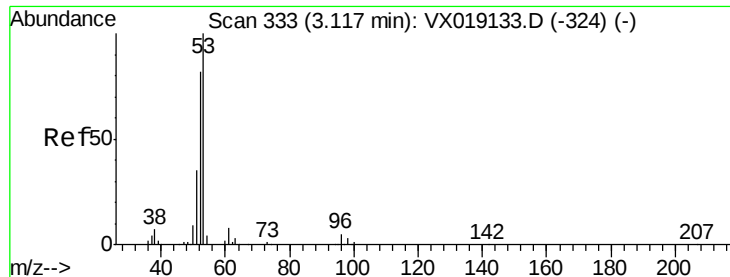
MMDadoda
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#14
Allyl chloride
Concen: 54.107 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.4	55.2	82.8
76	38.5	31.5	47.3





#15

Acrylonitrile

Concen: 270.052 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

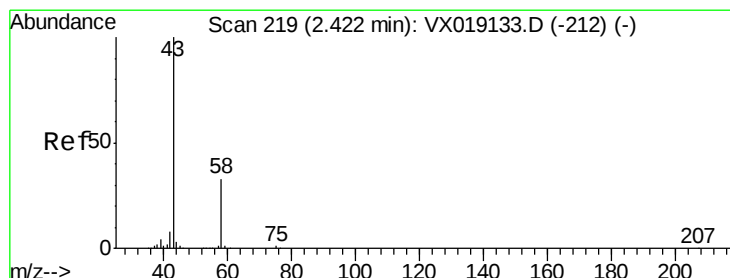
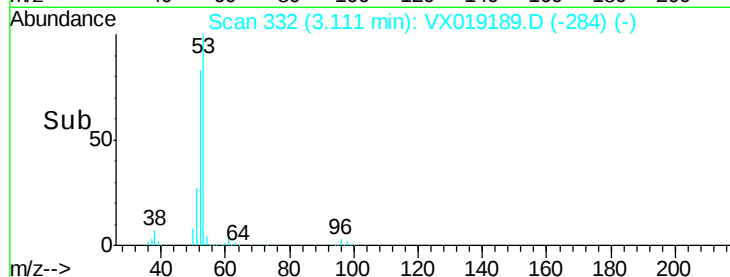
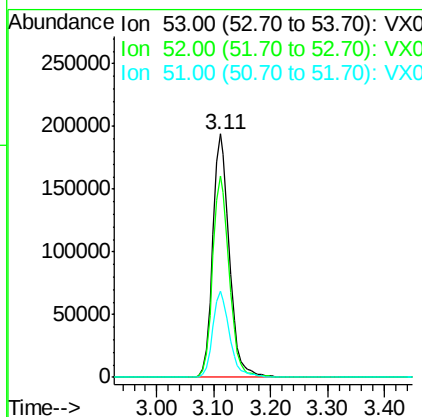
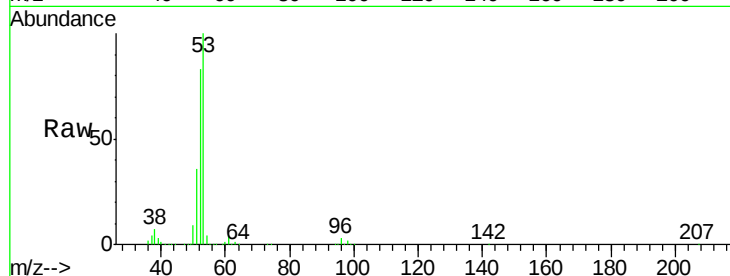
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	393643
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.7	98.5
51	36.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 282.945 ug/l

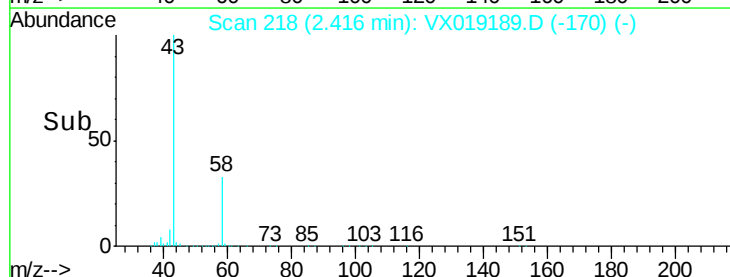
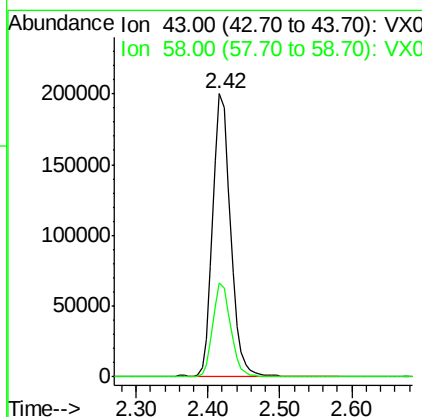
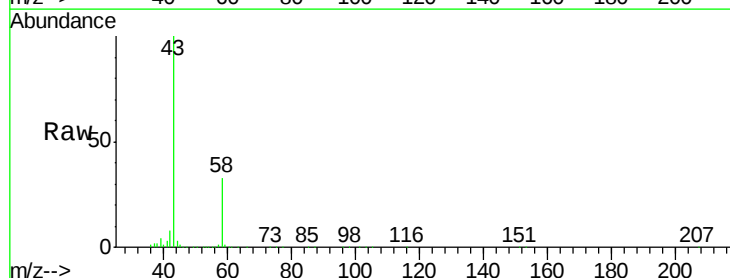
RT: 2.42 min Scan# 218

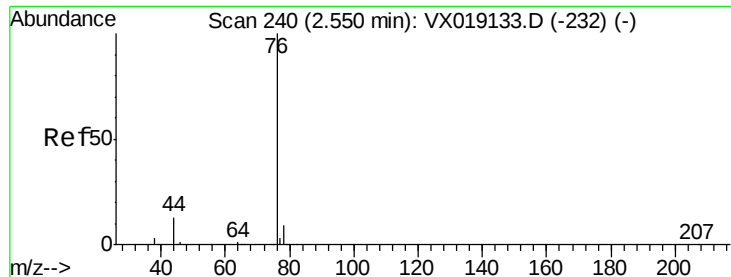
Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Tgt Ion:	43	Resp:	342813
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.3	39.5





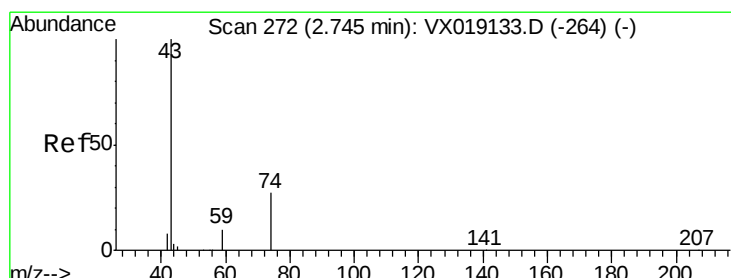
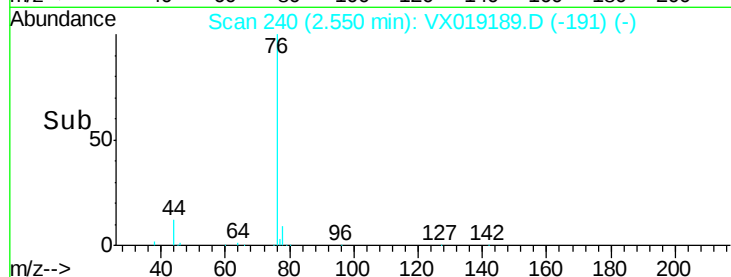
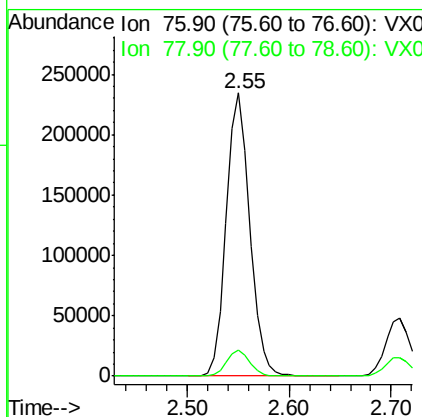
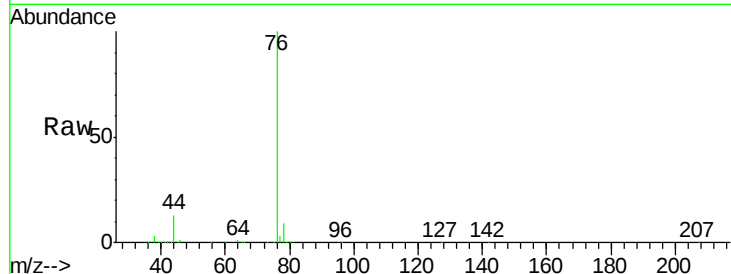
#17
Carbon Disulfide
Concen: 49.696 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

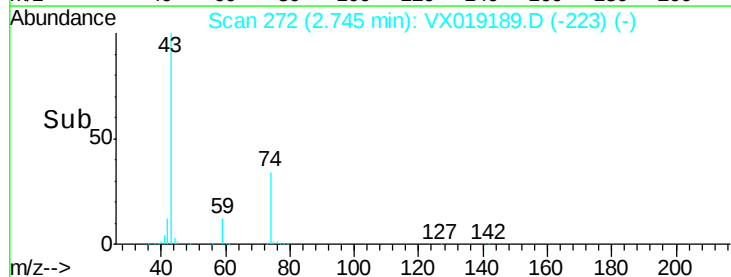
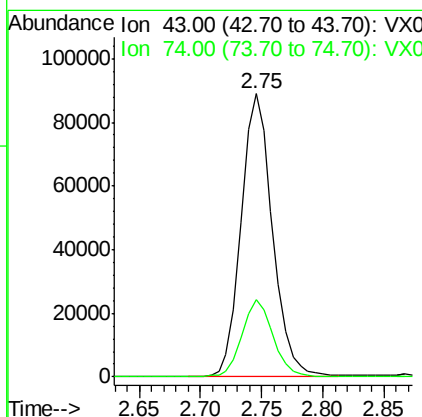
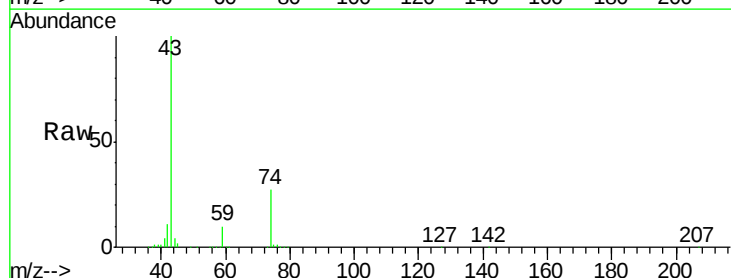
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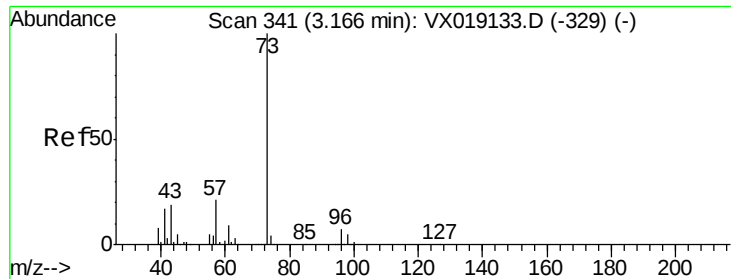
MMDadoda
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#18
Methyl Acetate
Concen: 53.416 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	22.6	33.8





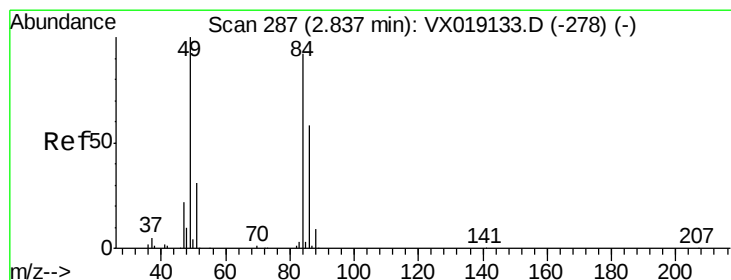
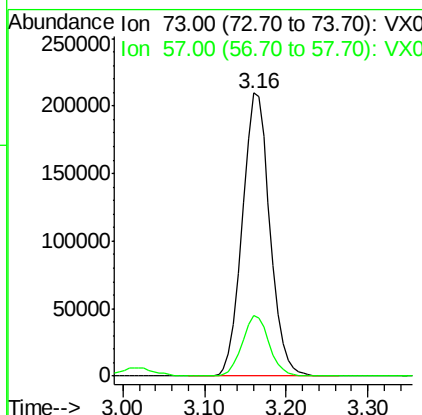
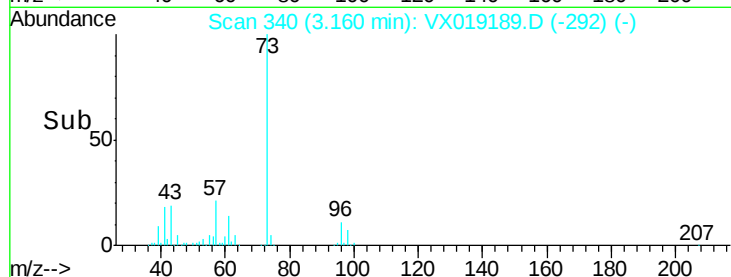
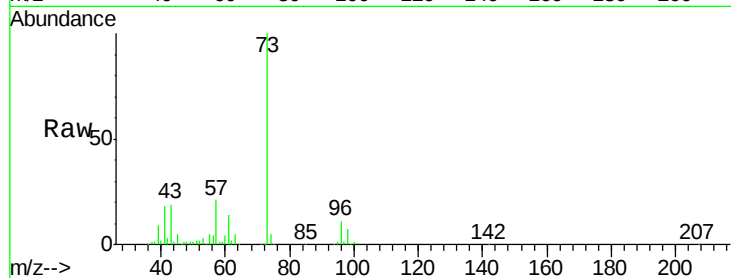
#19
Methvl tert-butvl Ether
Concen: 53.752 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 491578
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0

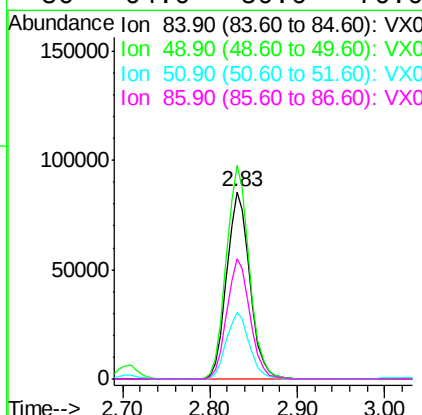
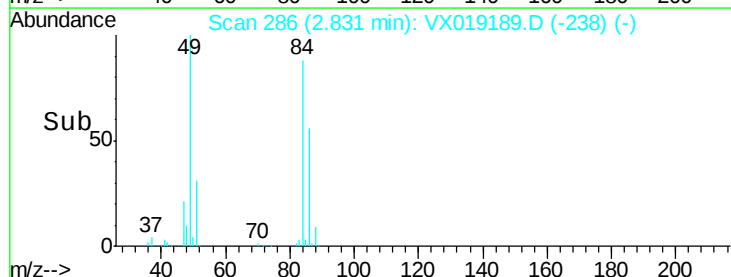
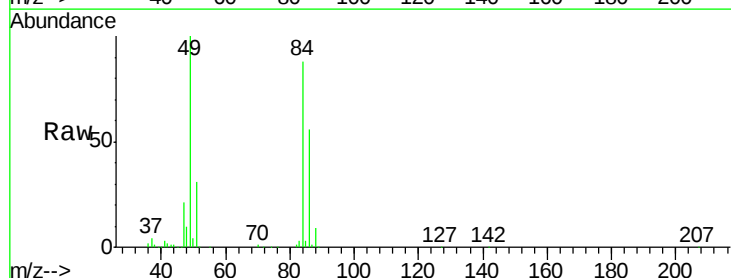
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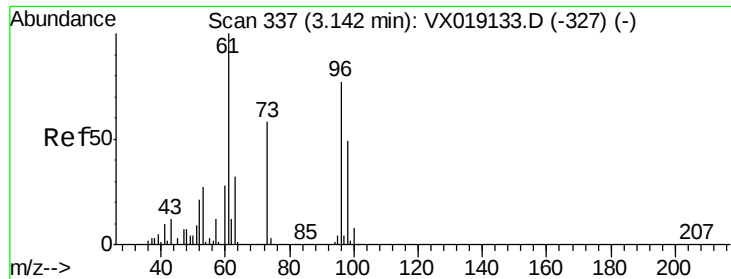
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#20
Methylene Chloride
Concen: 51.514 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion: 84 Resp: 156691
Ion Ratio Lower Upper
84 100
49 114.0 86.8 130.2
51 35.8 27.3 40.9
86 64.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.263 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

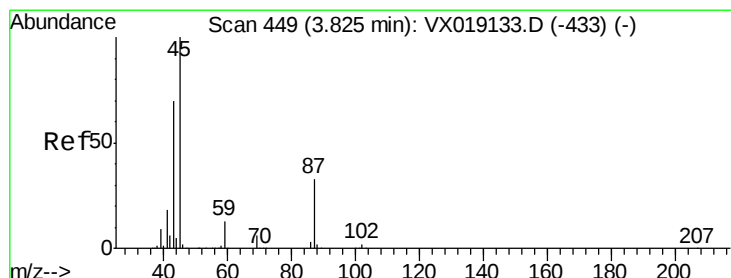
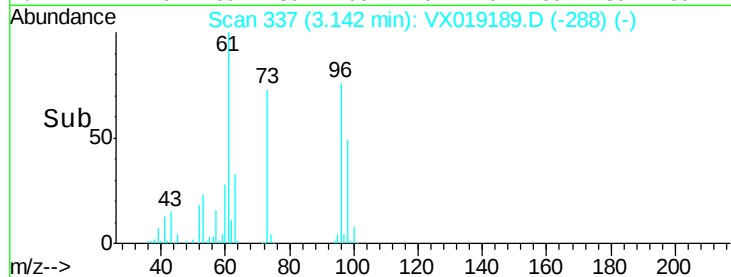
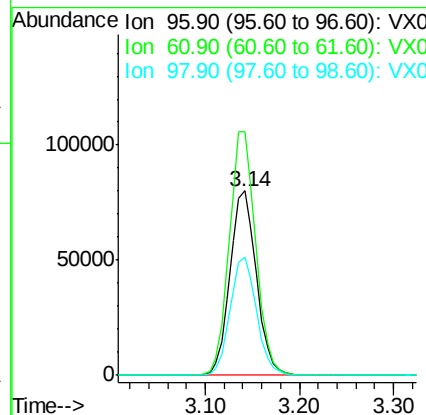
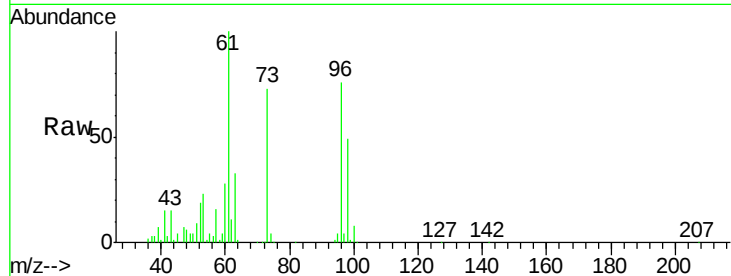
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	155724
Ion	Ratio	Lower	Upper
96	100		
61	131.7	104.2	156.4
98	64.2	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.260 ug/l

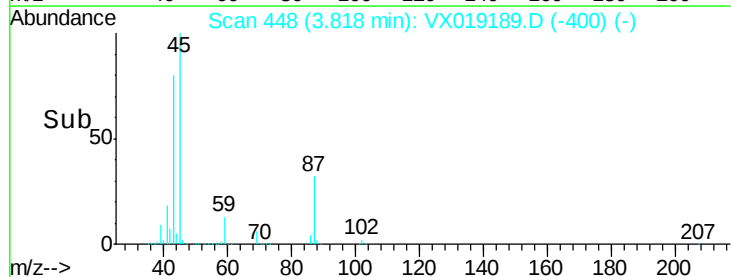
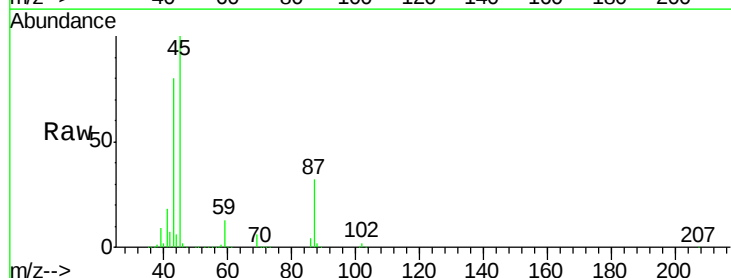
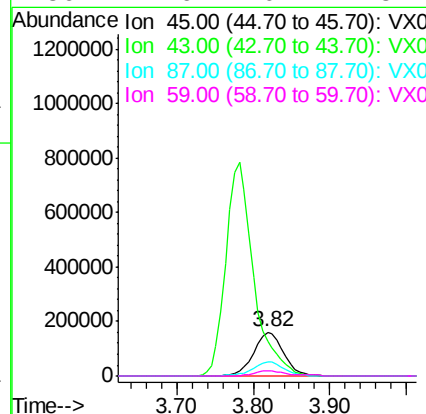
RT: 3.82 min Scan# 448

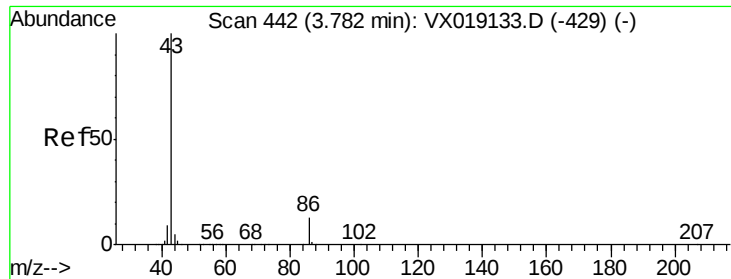
Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Tgt Ion:	45	Resp:	440427
Ion	Ratio	Lower	Upper
45	100		
43	80.0	56.2	84.4
87	31.7	26.2	39.2
59	12.6	10.1	15.1





#23

Vinyl Acetate

Concen: 278.878 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1982121

Ion Ratio Lower Upper

43 100

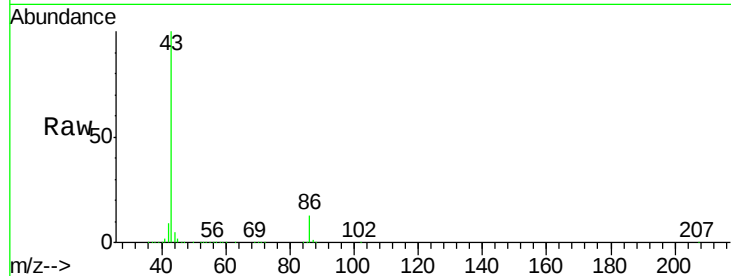
86 12.5 10.4 15.6

Manual Integrations

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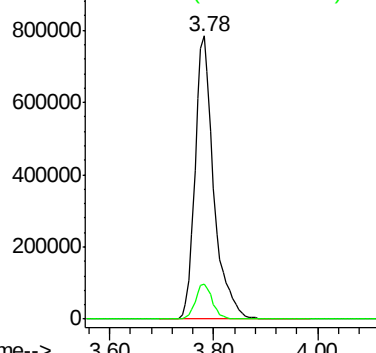
MMDadoda

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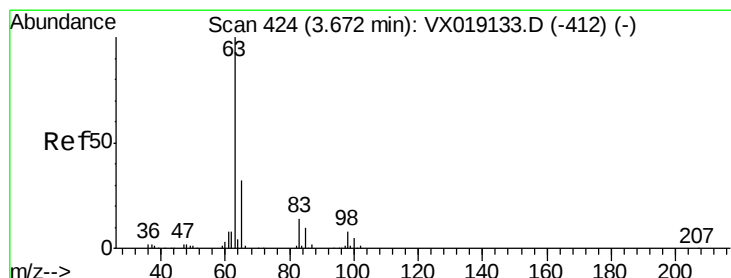
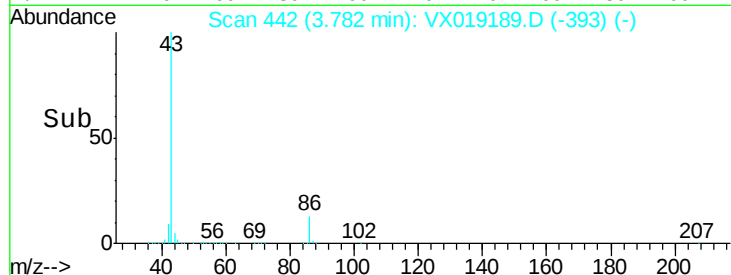


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 54.314 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

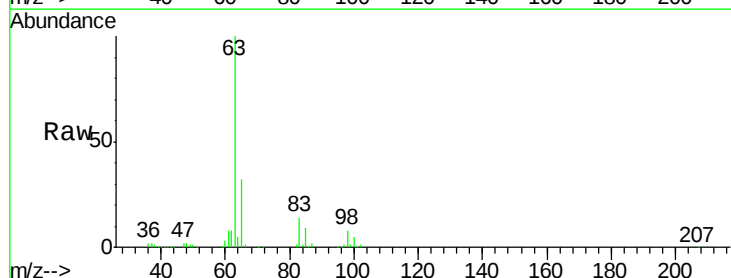
Tgt Ion: 63 Resp: 270285

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

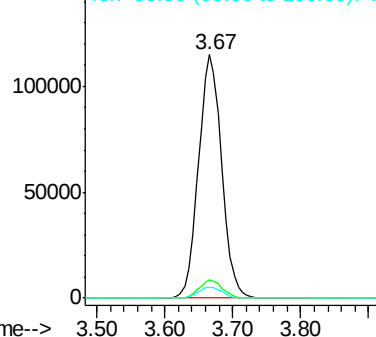
100 4.6 2.4 7.2



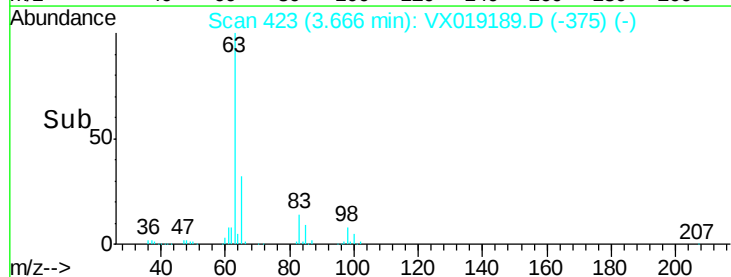
Abundance Ion 62.90 (62.60 to 63.60): VX0

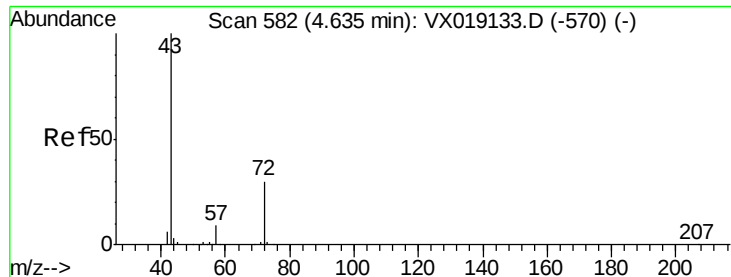
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 281.678 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 537854

Ion Ratio Lower Upper

43 100

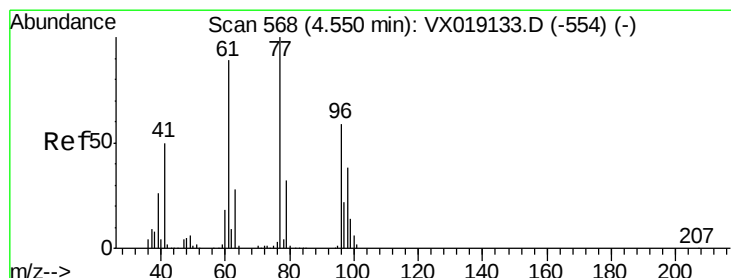
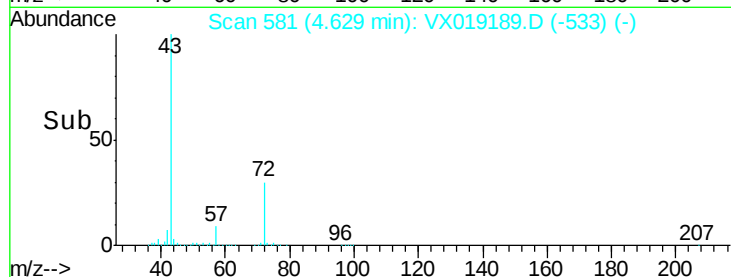
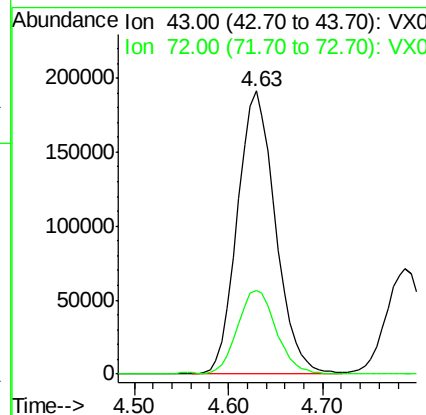
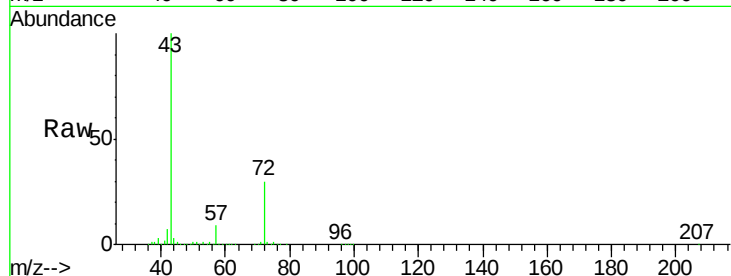
72 29.6 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:36 PM



#26

2,2-Dichloropropane

Concen: 54.023 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019189.D

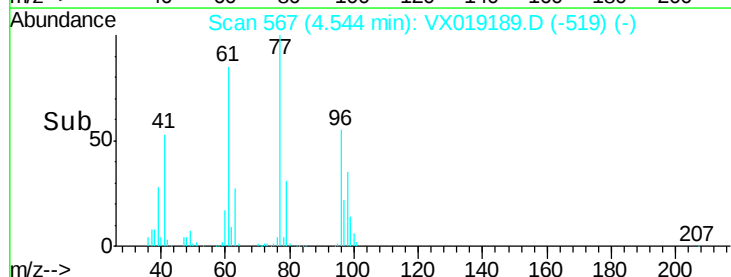
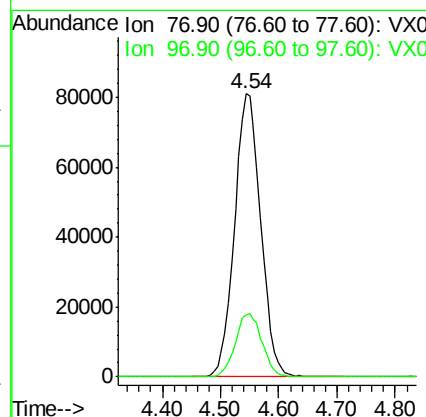
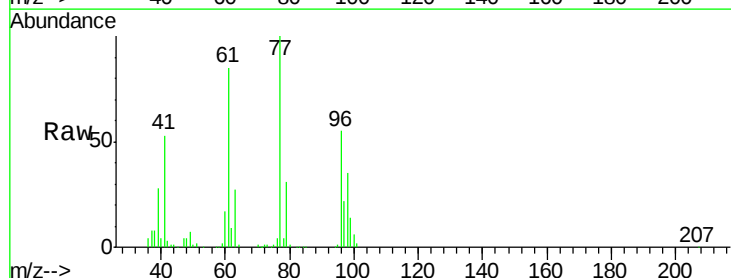
Acq: 29 Oct 2020 15:20

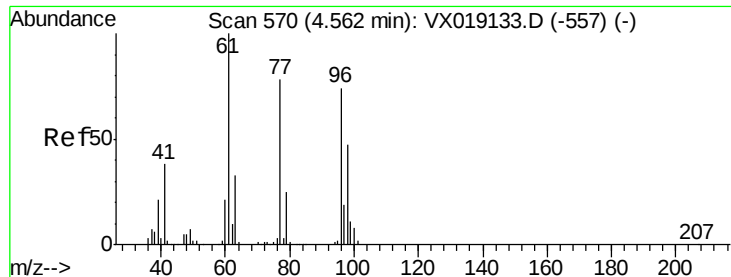
Tgt Ion: 77 Resp: 252730

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





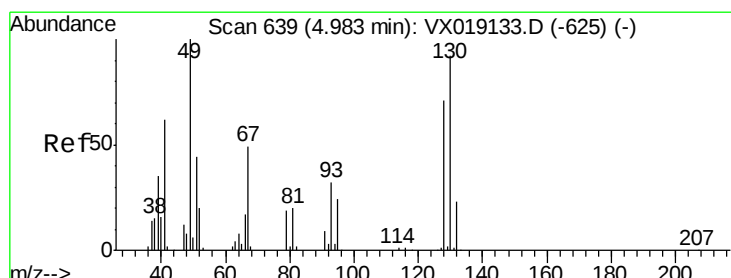
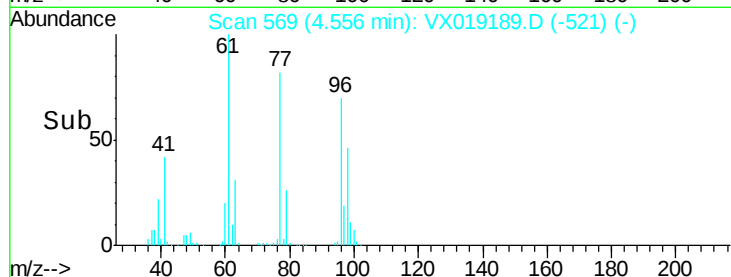
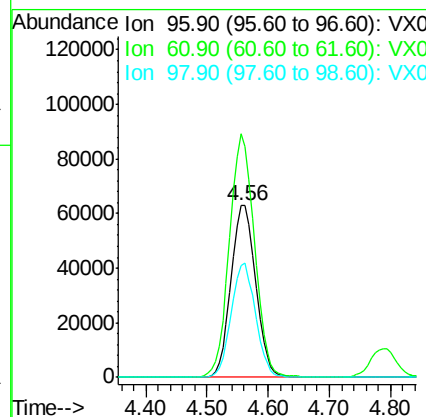
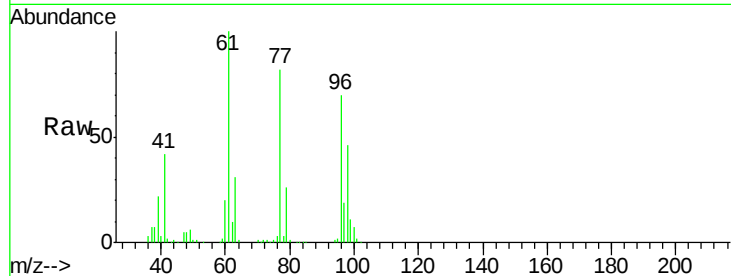
#27
 cis-1,2-Dichloroethene
 Concen: 51.847 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	175997		
61	143.0	0.0	278.8	
98	65.0	0.0	130.2	

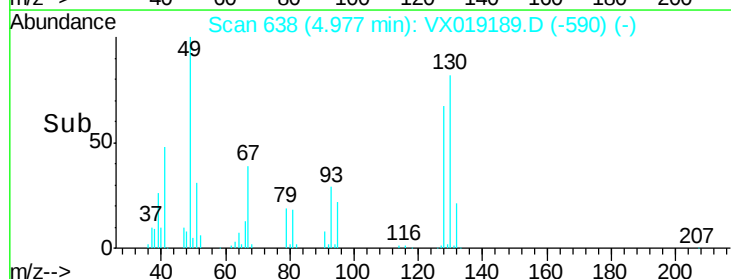
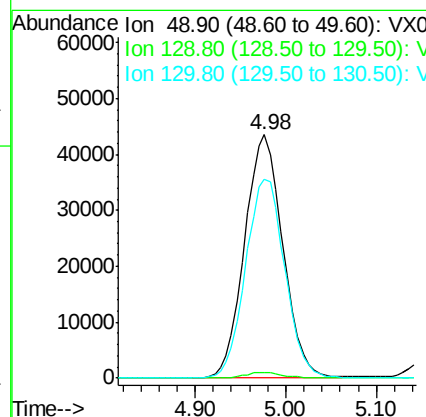
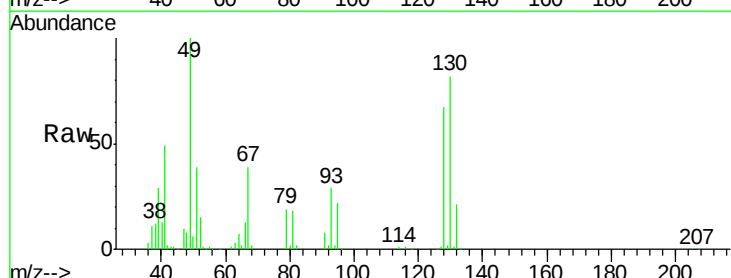
Manual Integrations
 APPROVED

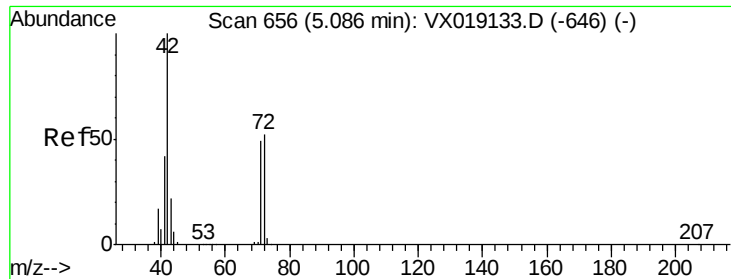
MMDadoda
 10/30/2020 12:00:36 PM



#28
 Bromochloromethane
 Concen: 56.302 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	127371		
129	2.1	0.0	4.4	
130	84.1	71.3	106.9	





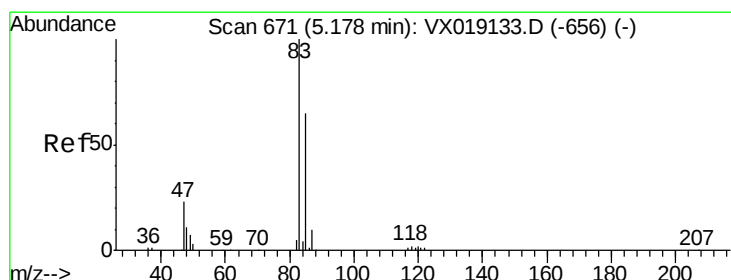
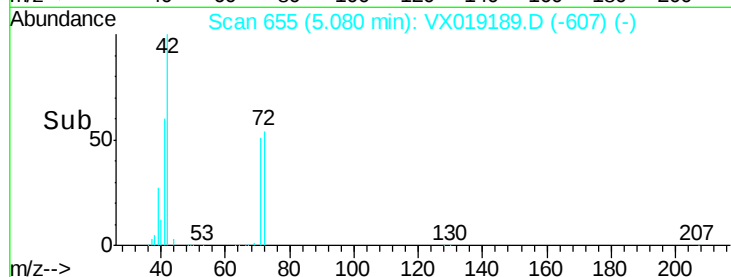
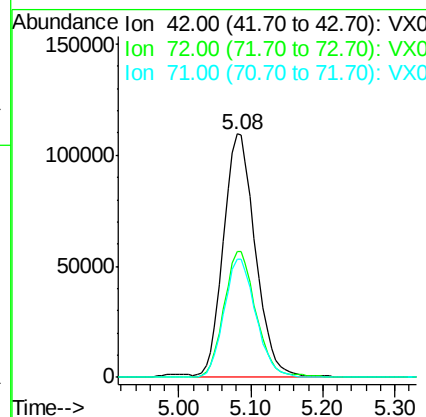
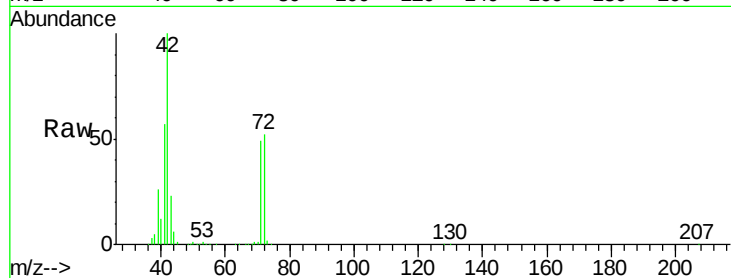
#29
Tetrahydrofuran
Concen: 278.780 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.5	42.6	63.8
71	48.8	39.7	59.5

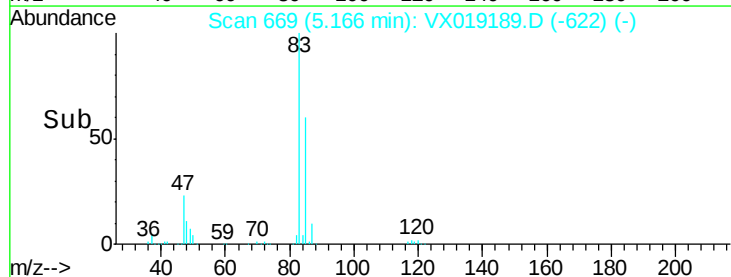
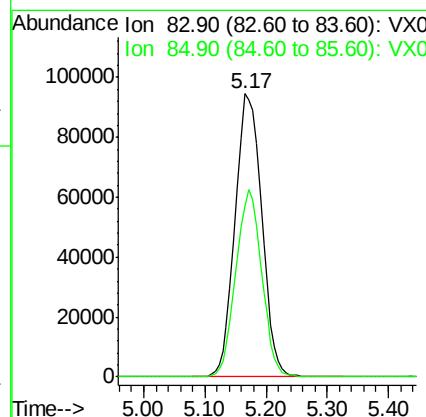
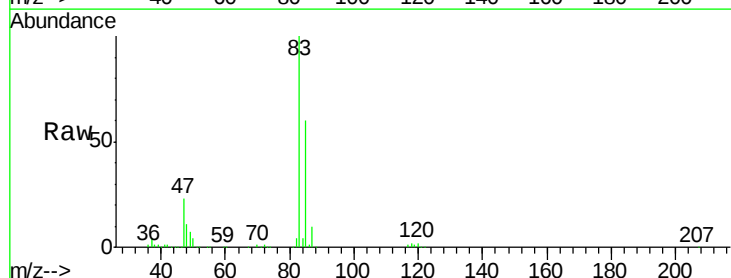
Manual Integrations
APPROVED

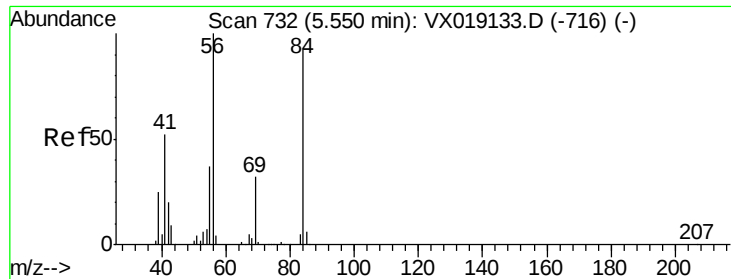
MMDadoda
10/30/2020 12:00:36 PM



#30
Chloroform
Concen: 53.840 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.9	77.9





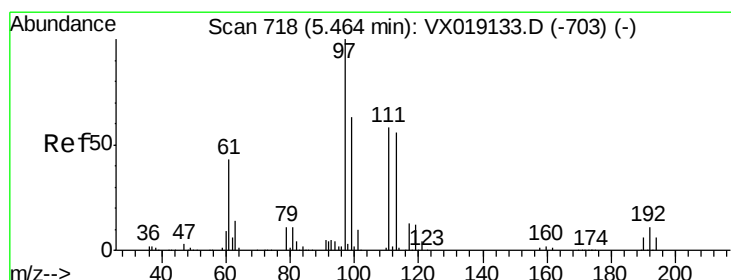
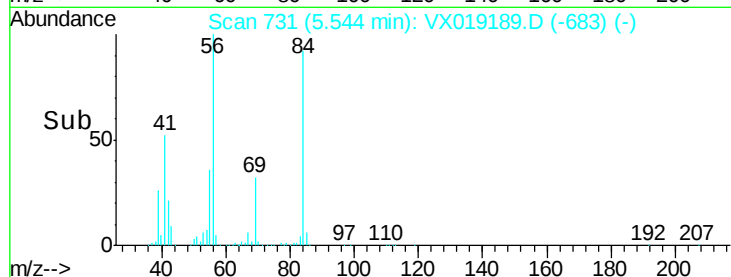
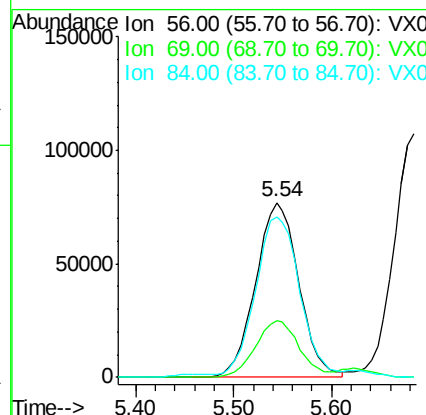
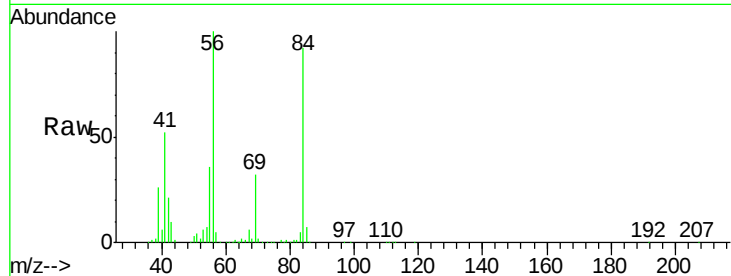
#31
Cvclohexane
Concen: 53.122 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.9	38.9
84	90.3	73.4	110.2

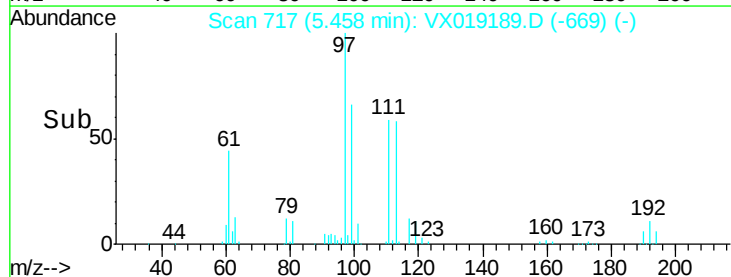
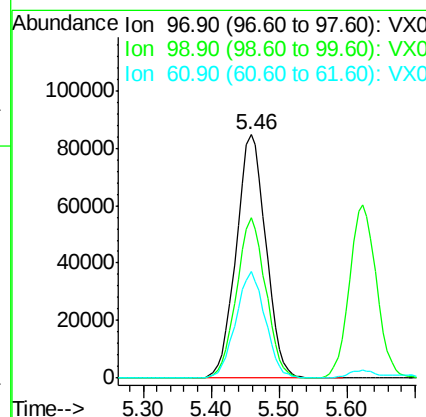
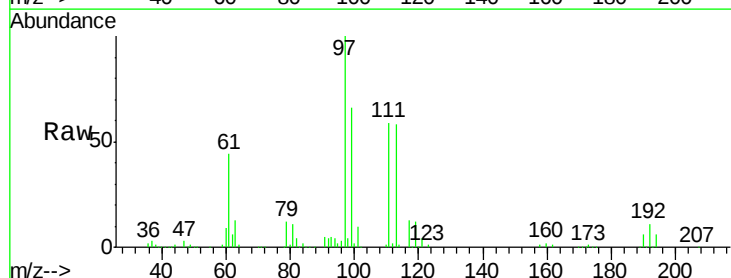
Manual Integrations
APPROVED

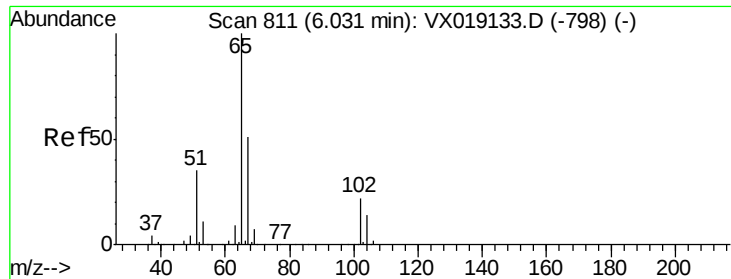
MMDadoda
10/30/2020 12:00:36 PM



#32
1,1,1-Trichloroethane
Concen: 53.474 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	43.5	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 48.949 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 171908

Ion Ratio Lower Upper

65 100

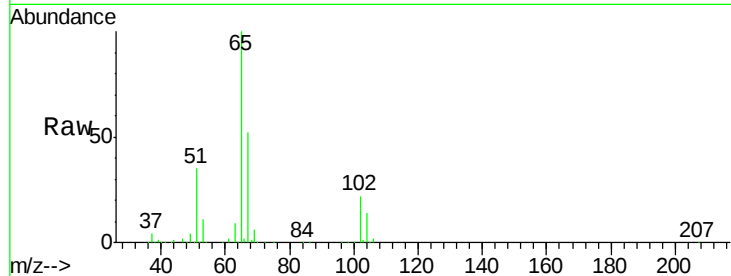
67 52.6 0.0 103.0

Manual Integrations

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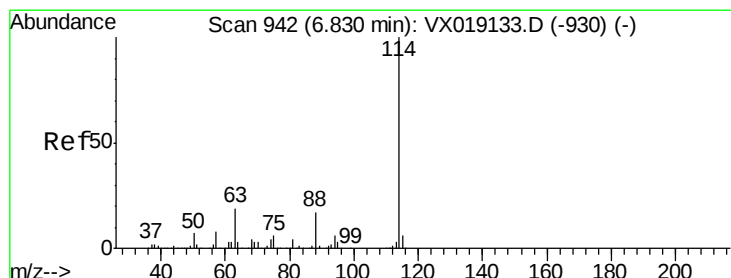
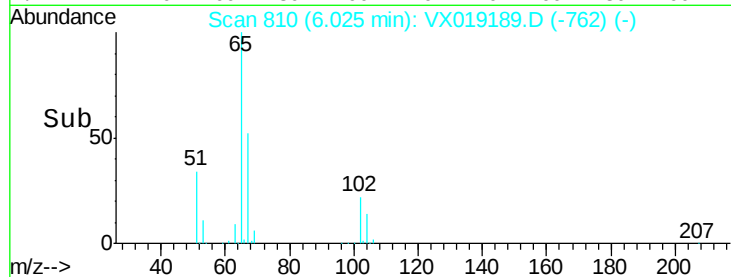
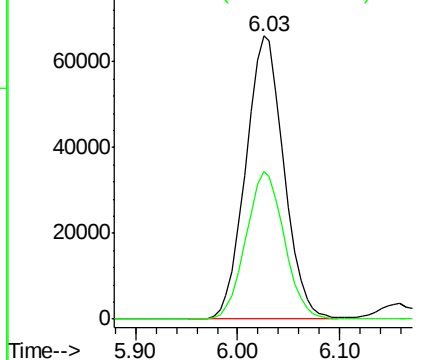
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

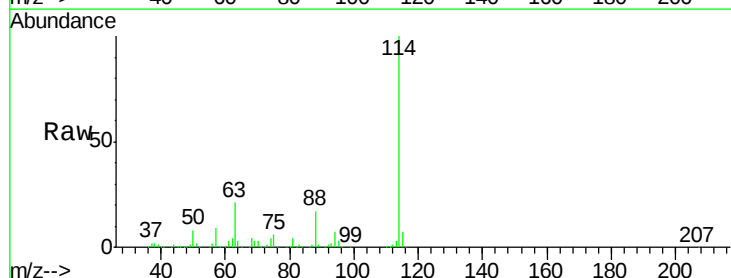
Tgt Ion: 114 Resp: 444427

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

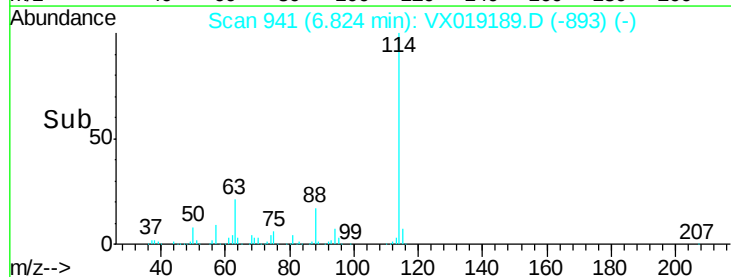
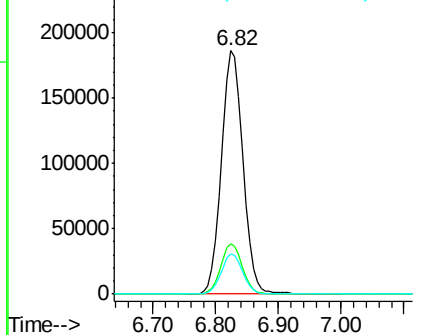
88 16.7 0.0 34.2

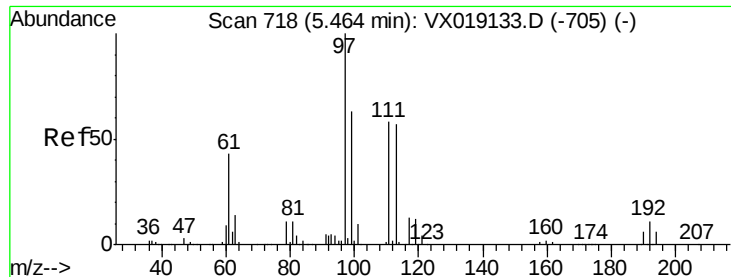


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





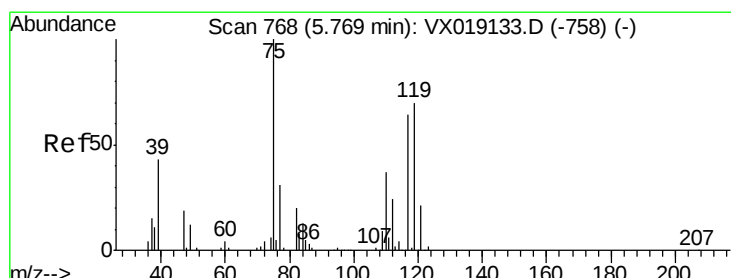
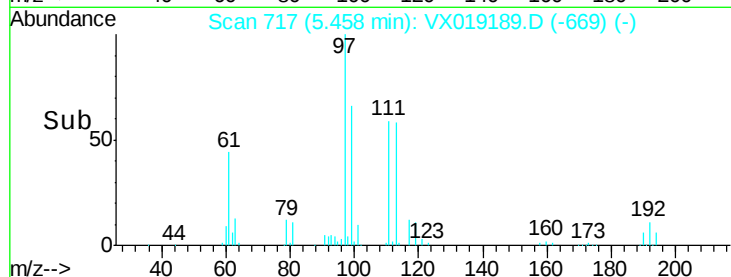
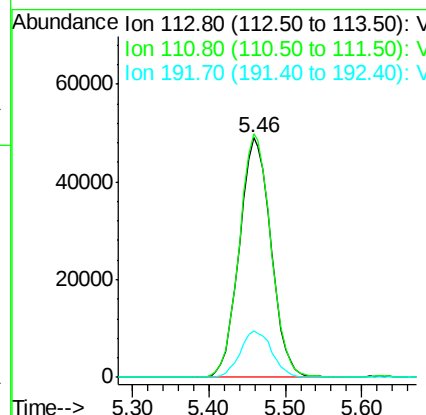
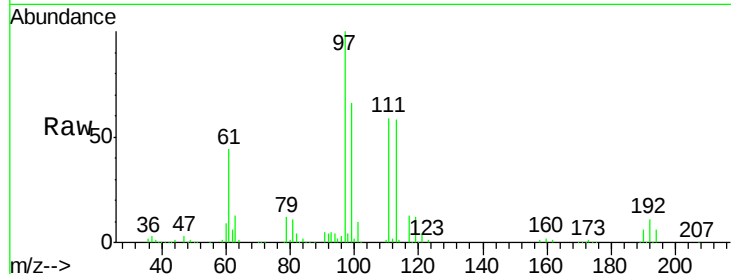
#35
 Dibromofluoromethane
 Concen: 50.478 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140915		
111	101.5	82.3	123.5	
192	19.5	16.2	24.2	

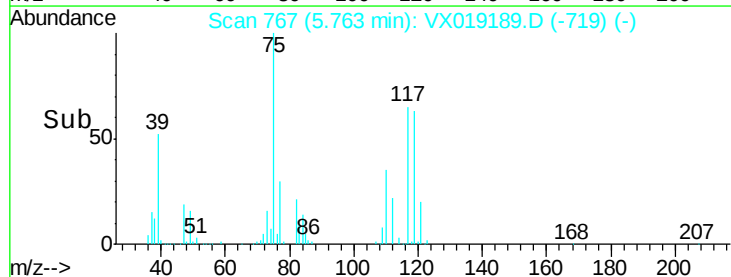
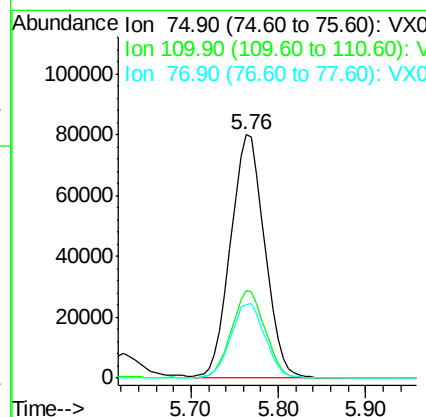
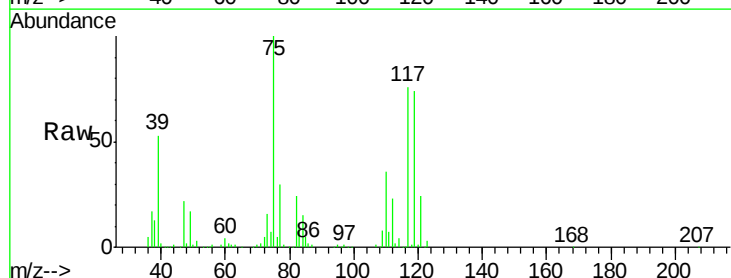
Manual Integrations
 APPROVED

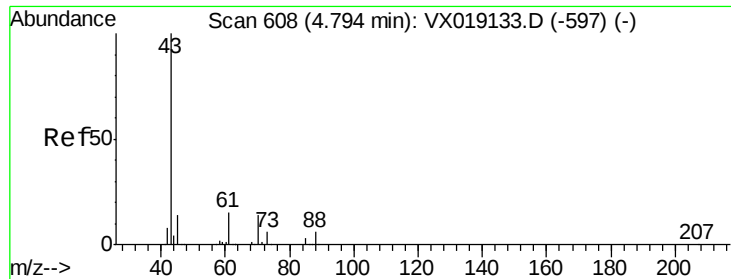
MMDadoda
 10/30/2020 12:00:36 PM



#36
 1,1-Dichloropropene
 Concen: 52.814 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216746		
110	35.6	18.3	54.9	
77	30.8	24.9	37.3	





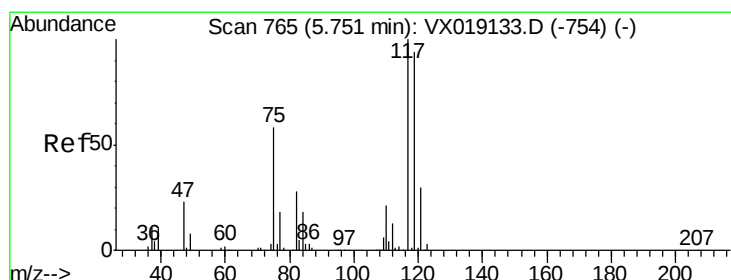
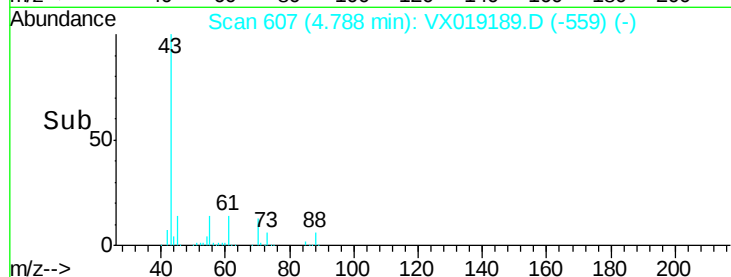
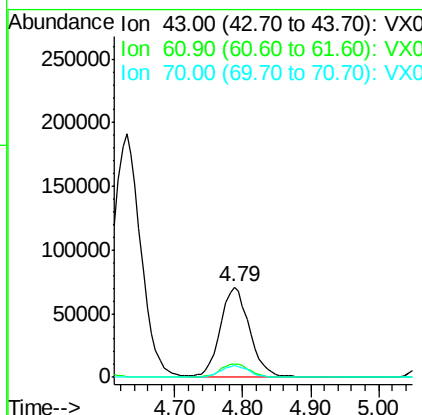
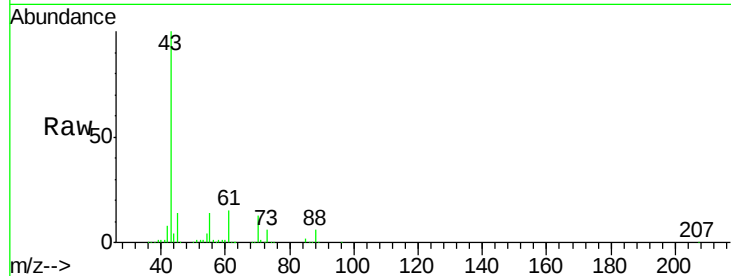
#37
Ethyl Acetate
Concen: 55.085 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	209896		
61	15.2		12.5	18.7
70	12.5		10.5	15.7

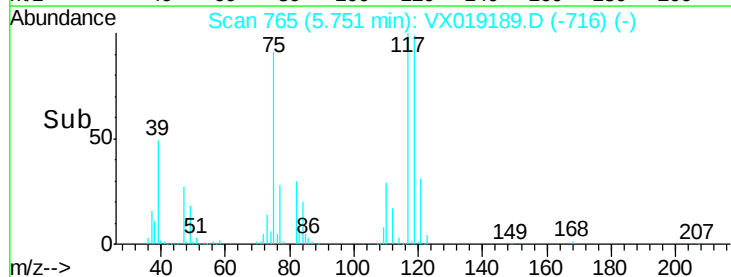
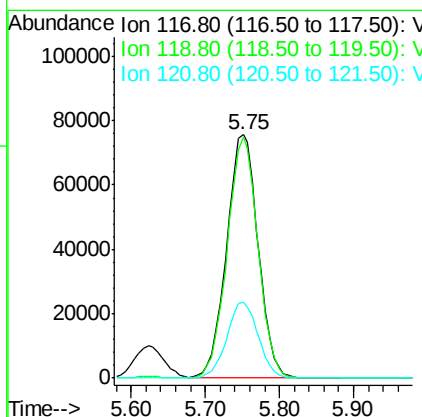
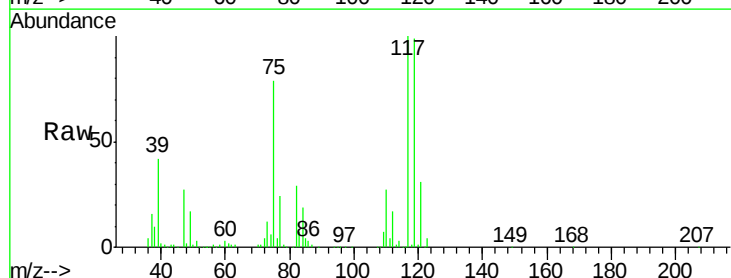
Manual Integrations
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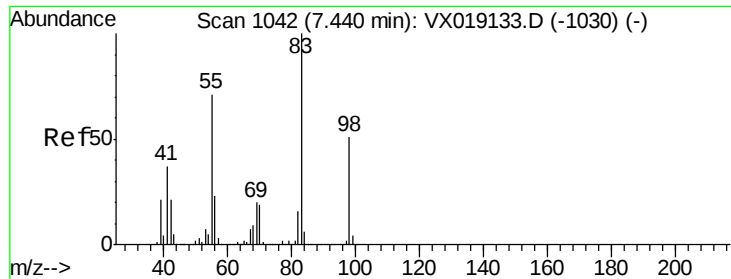
MMDadoda
10/30/2020 12:00:36 PM



#38
Carbon Tetrachloride
Concen: 53.474 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	223690		
119	98.8		75.0	112.6
121	31.0		23.9	35.9





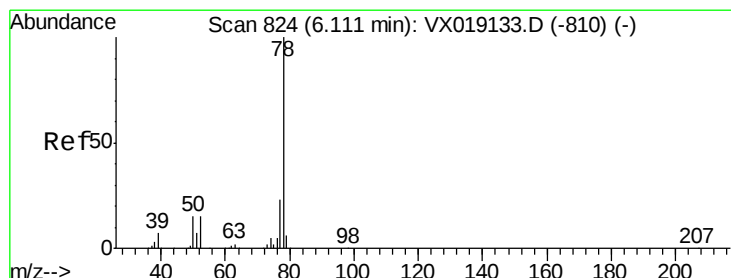
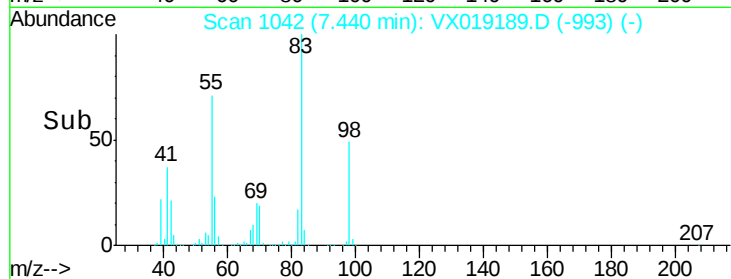
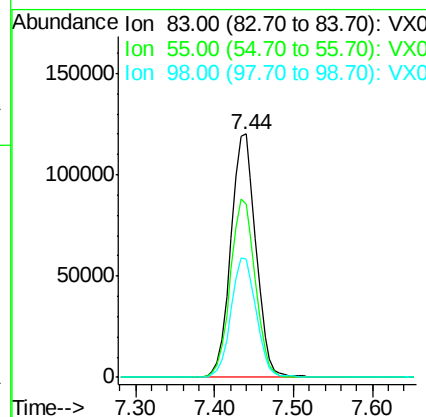
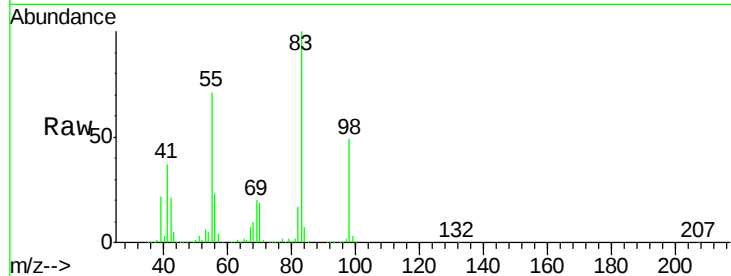
#39
Methvlcvclohexane
Concen: 54.215 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.0	85.6
98	48.6	40.5	60.7

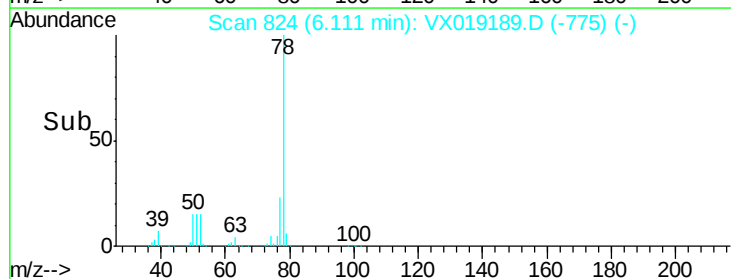
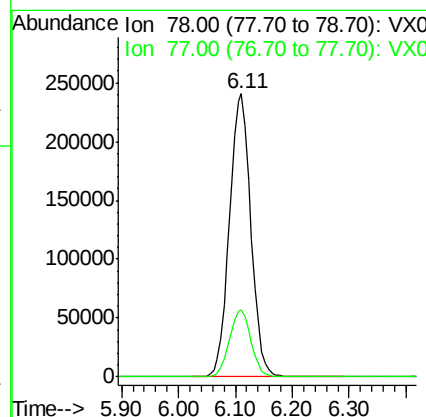
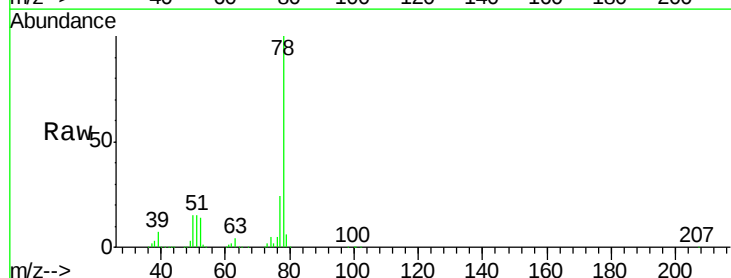
Manual Integrations
APPROVED

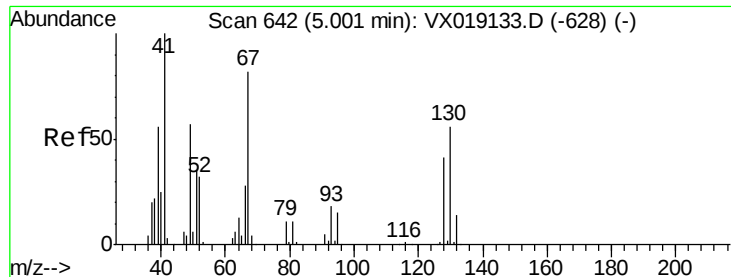
MMDadoda
10/30/2020 12:00:36 PM



#40
Benzene
Concen: 53.981 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1





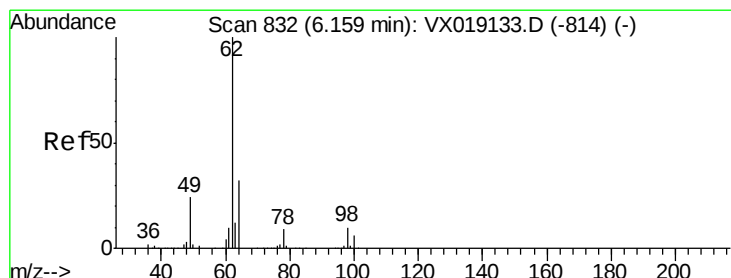
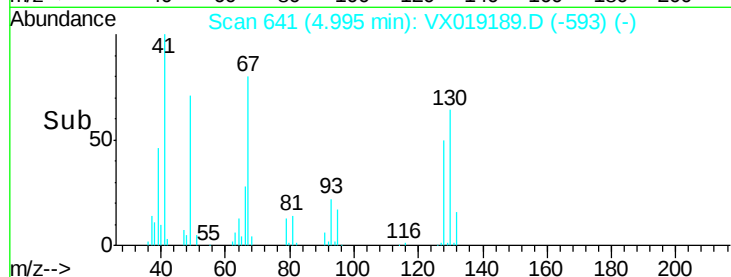
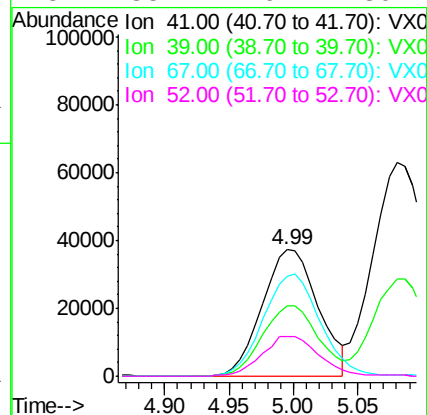
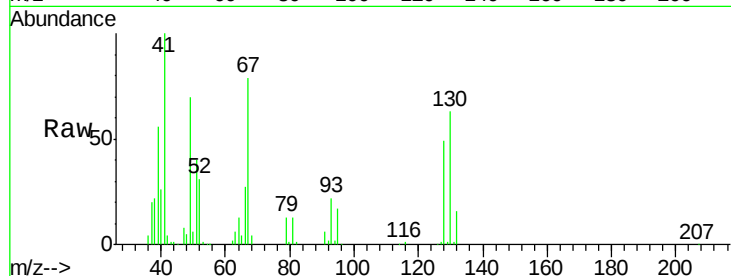
#41
Methacrylonitrile
Concen: 55.027 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.4	66.6
67	81.8	66.4	99.6
52	33.2	26.2	39.4

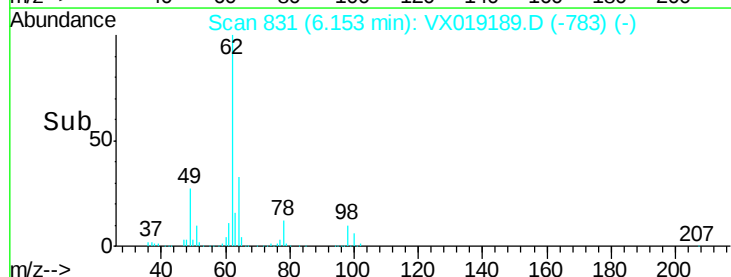
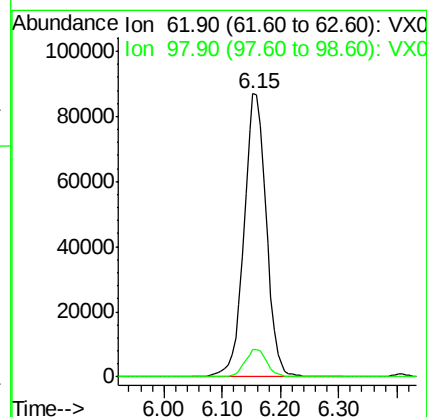
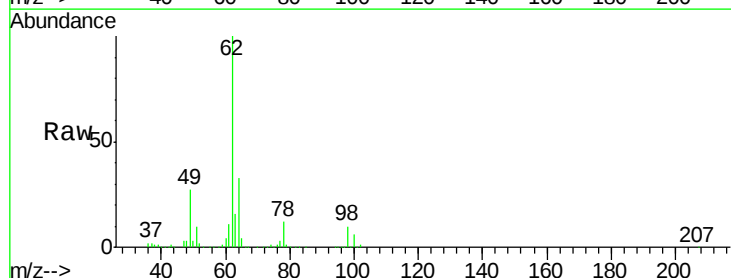
Manual Integrations
APPROVED

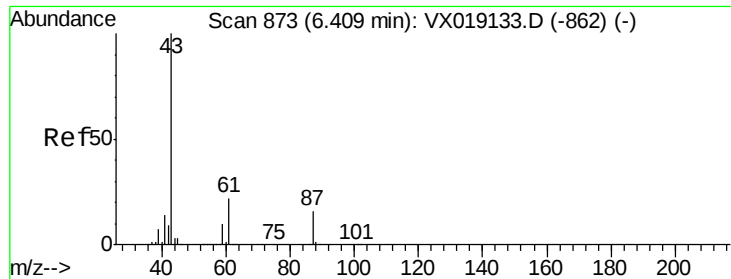
MMDadoda
10/30/2020 12:00:36 PM



#42
1,2-Dichloroethane
Concen: 53.732 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





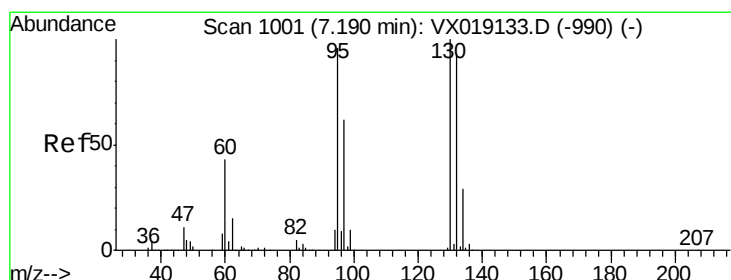
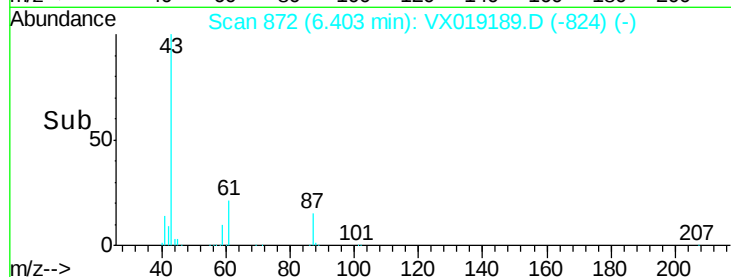
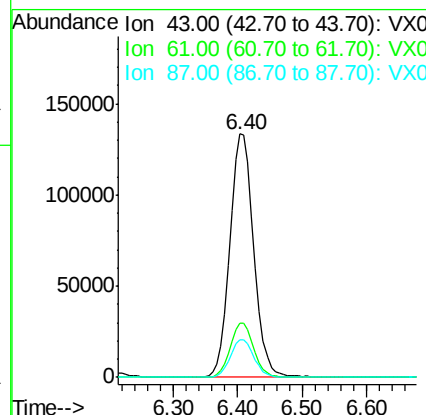
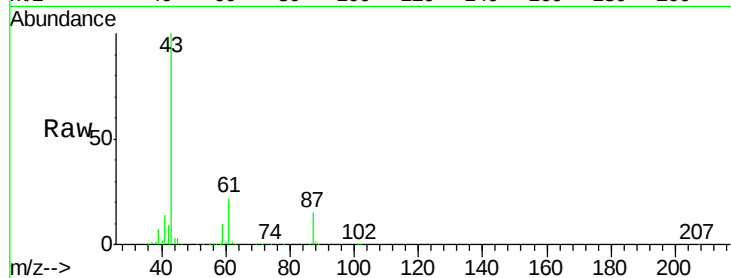
#43
Isopropyl Acetate
Concen: 54.220 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.8	26.6
87	15.4	12.6	19.0

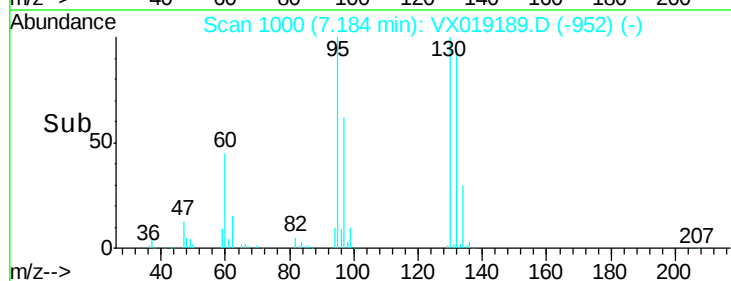
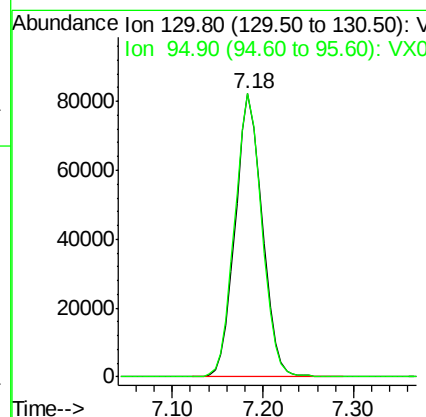
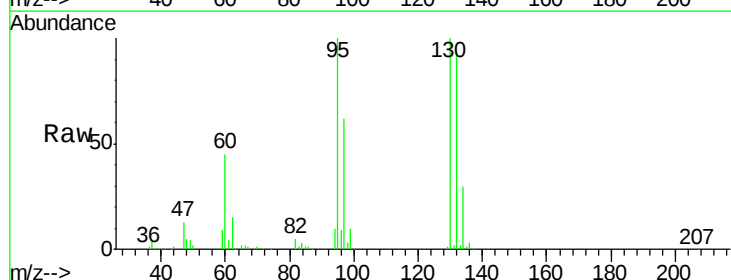
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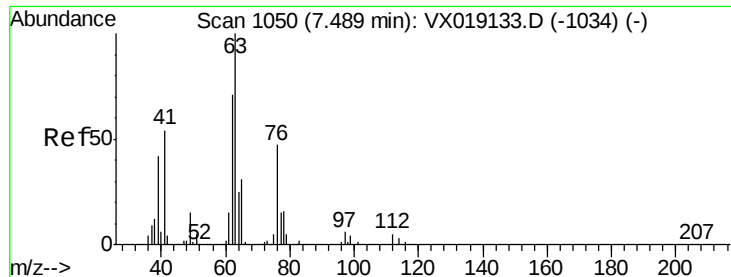
MMDadoda
10/30/2020 12:00:36 PM



#44
Trichloroethene
Concen: 51.217 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	192.0





#45

1,2-Dichloropropane

Concen: 55.799 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 159031

Ion Ratio Lower Upper

63 100

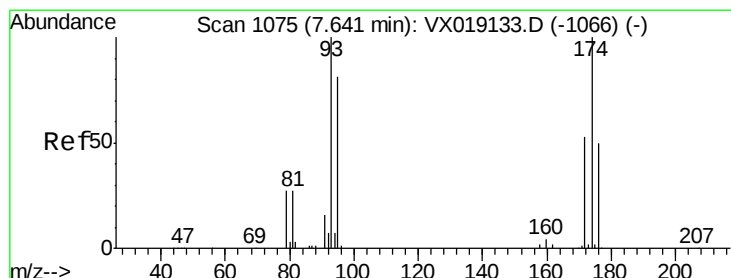
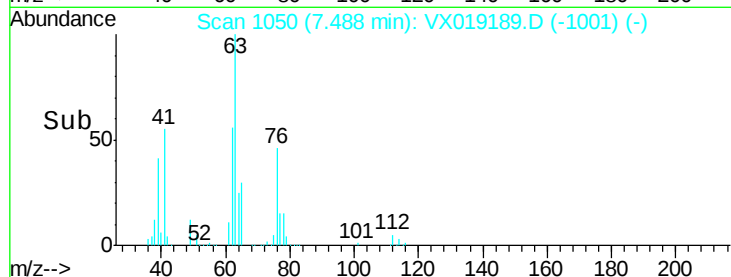
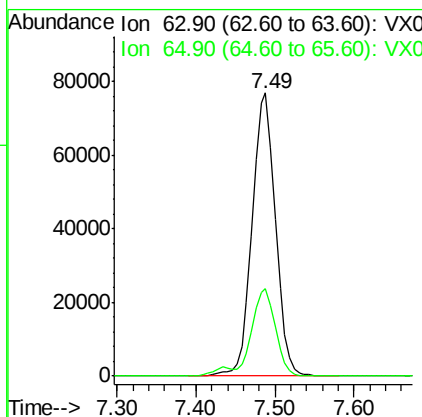
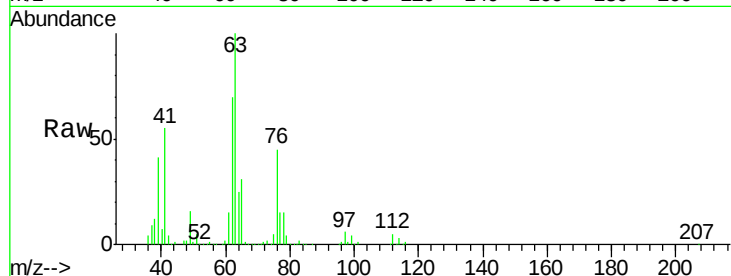
65 30.8 25.2 37.8

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#46

Dibromomethane

Concen: 52.548 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

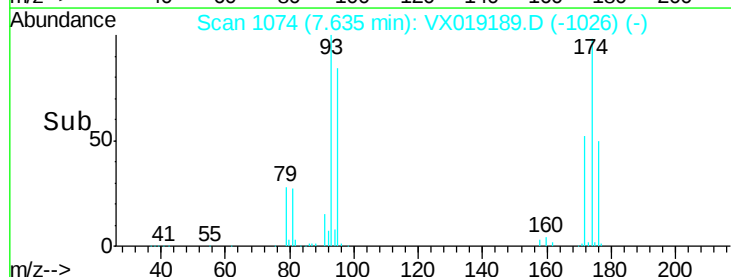
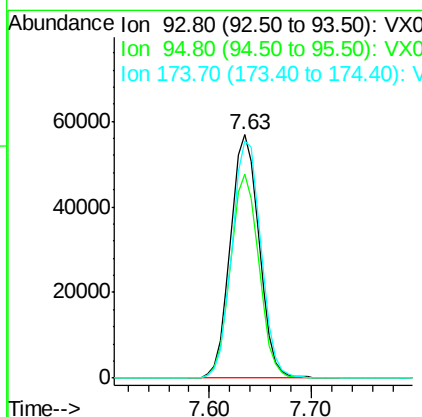
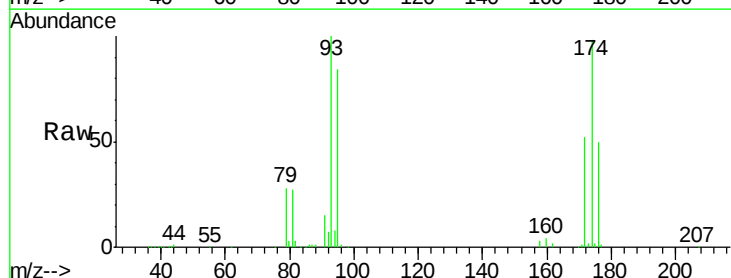
Tgt Ion: 93 Resp: 110745

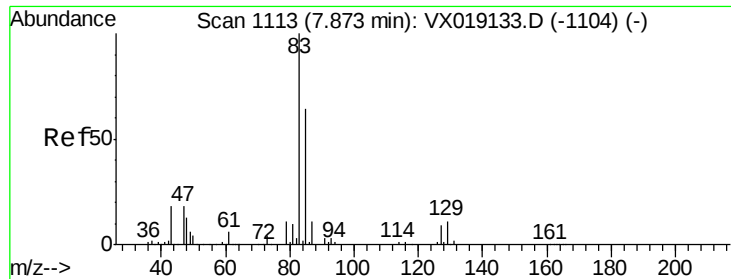
Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.6

174 98.9 81.7 122.5





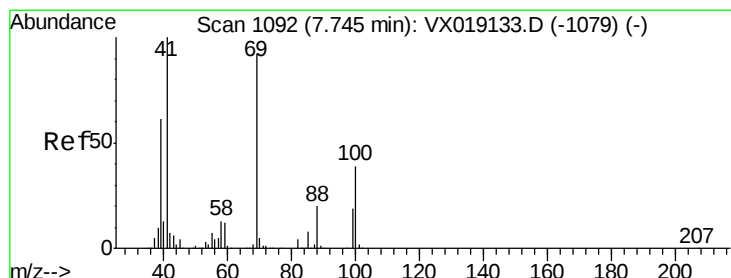
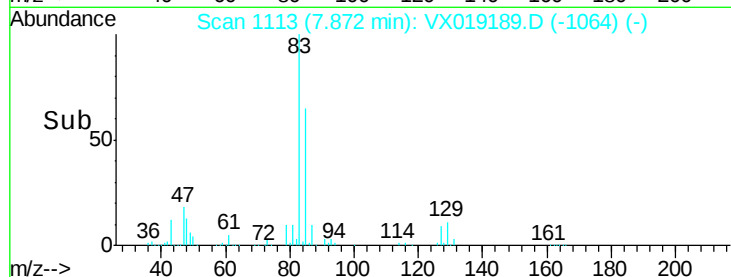
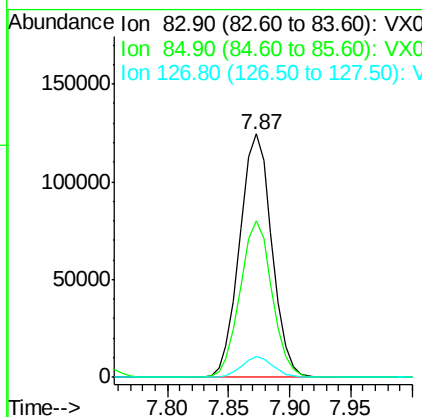
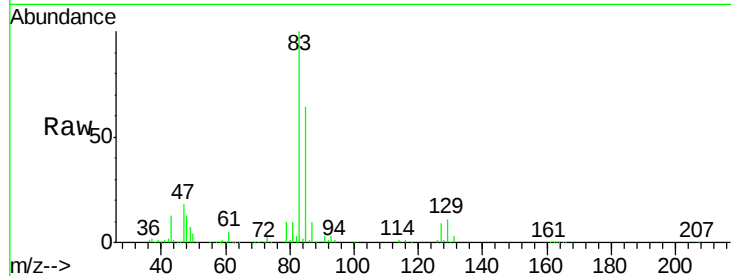
#47
Bromodichloromethane
Concen: 54.690 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8
127	8.5	7.1	10.7

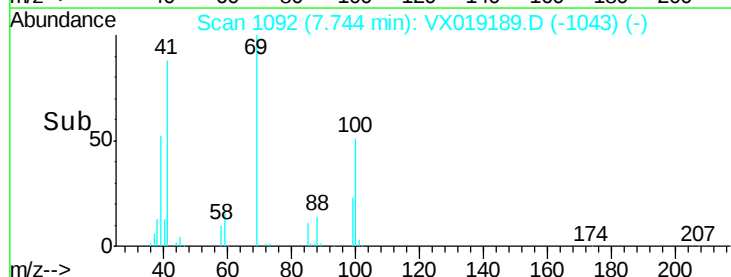
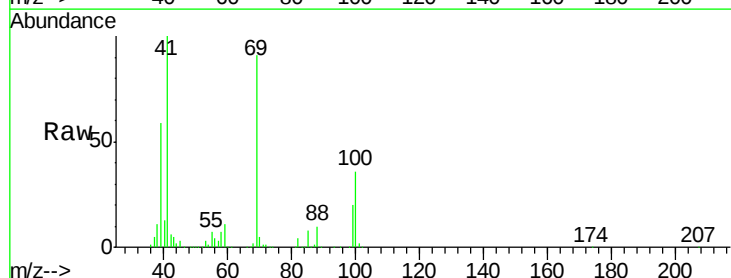
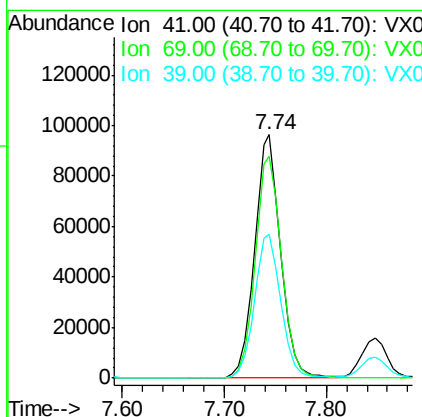
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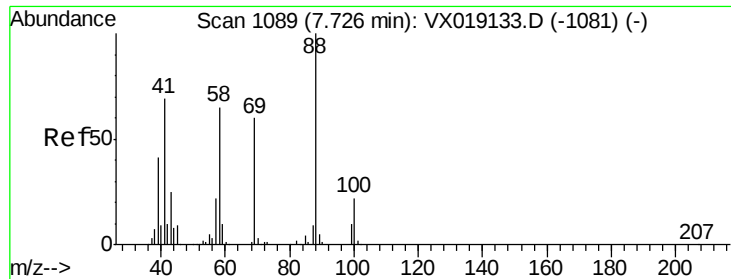
MMDadoda
10/30/2020 12:00:36 PM



#48
Methyl methacrylate
Concen: 55.620 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.9	75.5	113.3
39	60.0	48.9	73.3





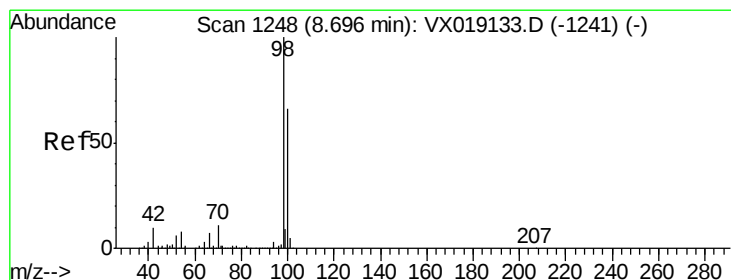
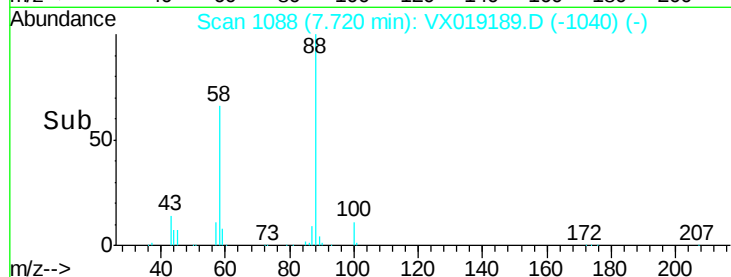
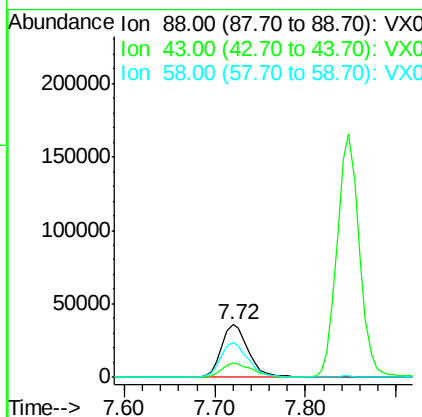
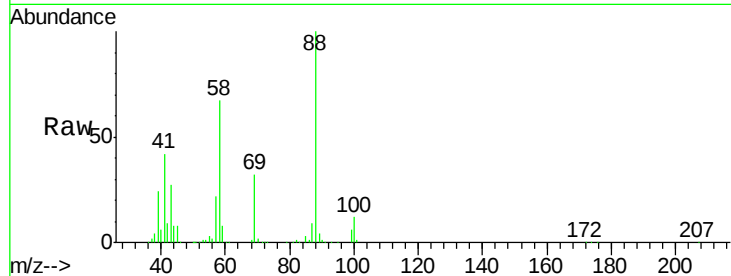
#49
1,4-Dioxane
Concen: 1094.330 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	23.0	34.6
58	67.3	52.2	78.2

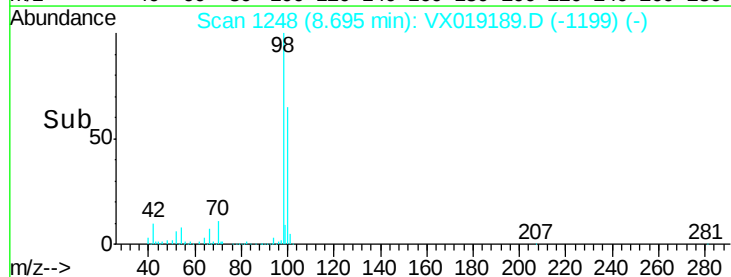
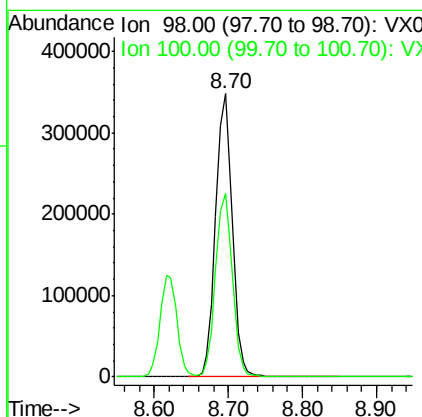
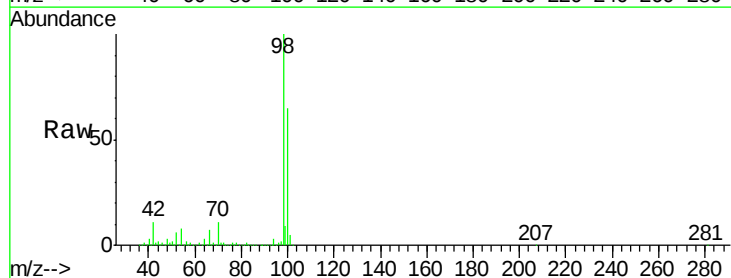
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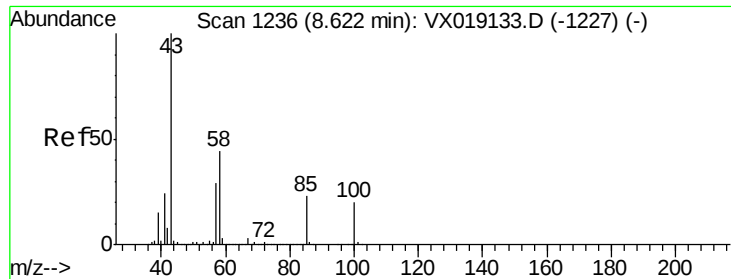
MMDadoda
10/30/2020 12:00:36 PM



#50
Toluene-d8
Concen: 50.905 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 285.289 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1046169

Ion Ratio Lower Upper

43 100

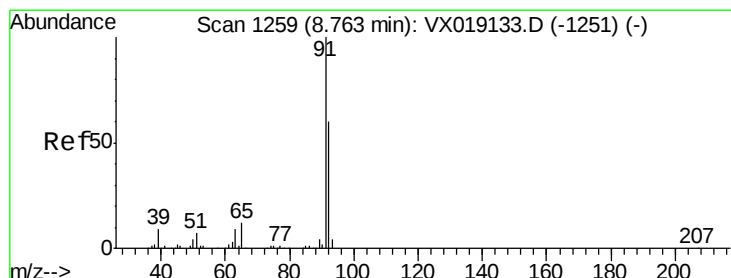
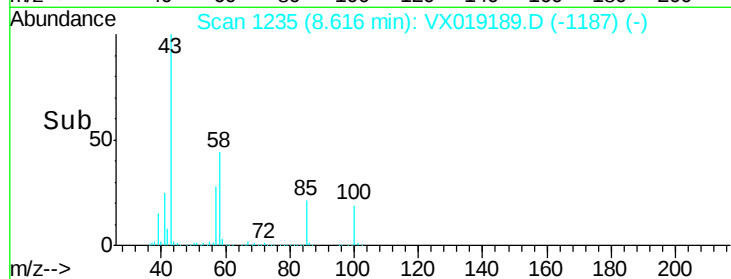
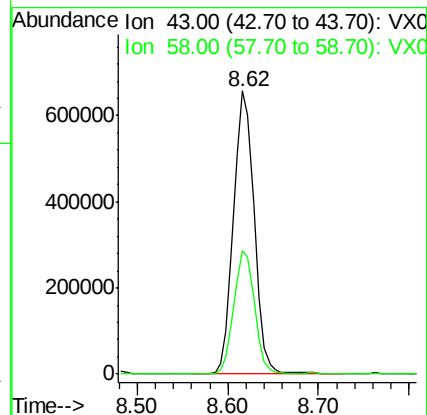
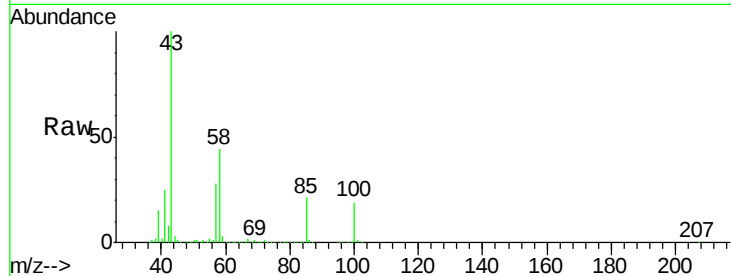
58 43.7 35.0 52.4

Manual Integrations

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#52

Toluene

Concen: 54.143 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019189.D

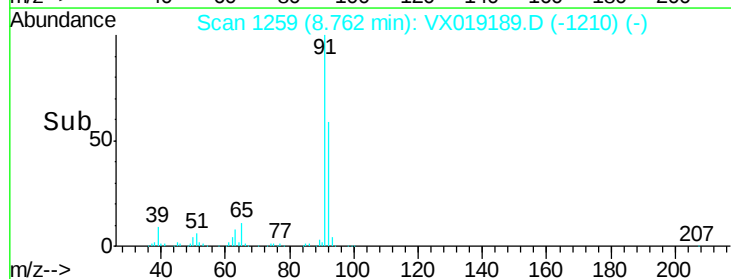
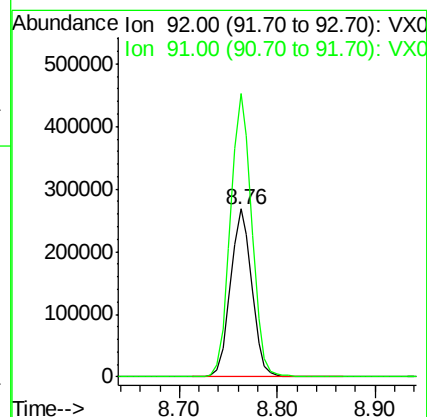
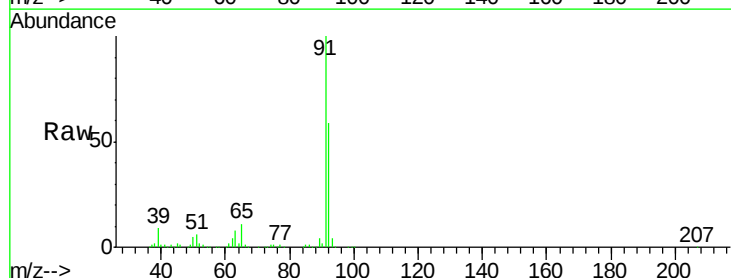
Acq: 29 Oct 2020 15:20

Tgt Ion: 92 Resp: 405765

Ion Ratio Lower Upper

92 100

91 169.7 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.893 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 255703

Ion Ratio Lower Upper

75 100

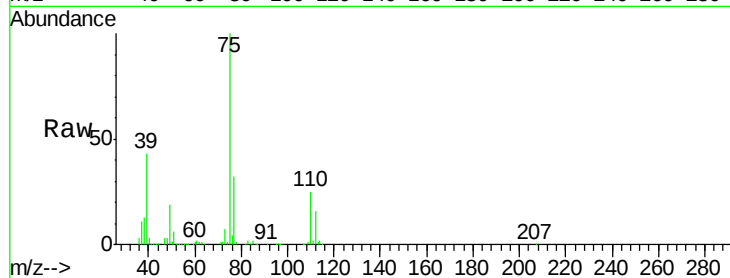
77 31.8 25.4 38.0

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

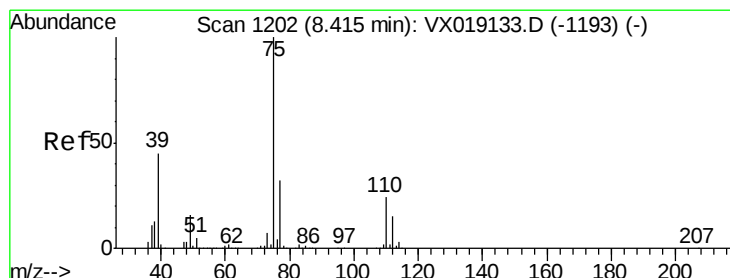
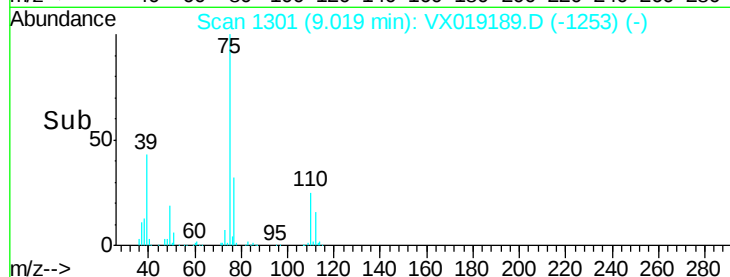
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 54.697 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

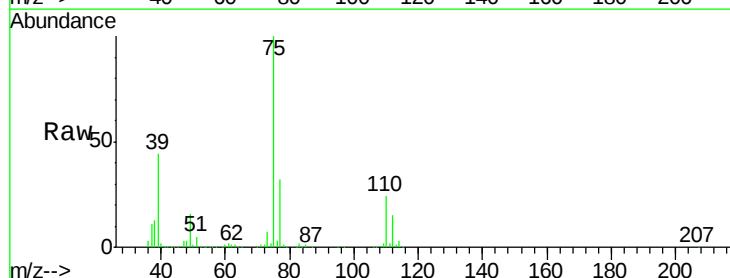
Tgt Ion: 75 Resp: 272900

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 44.3 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

200000

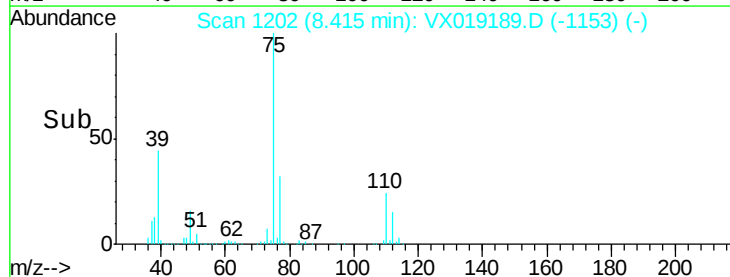
150000

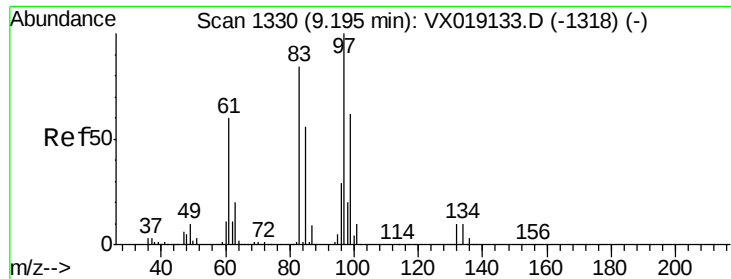
100000

50000

0

Time--> 8.30 8.40 8.50





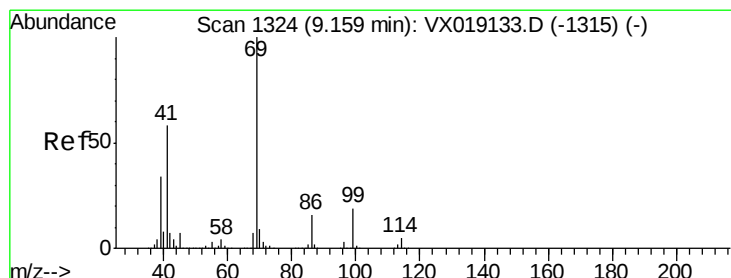
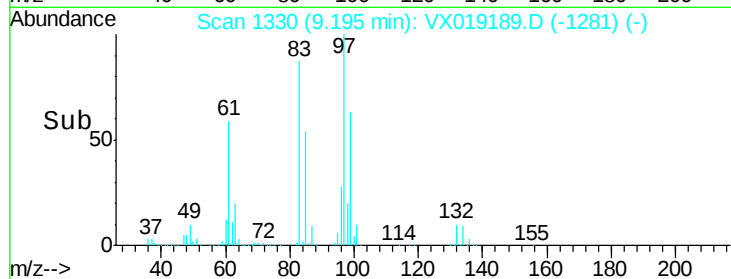
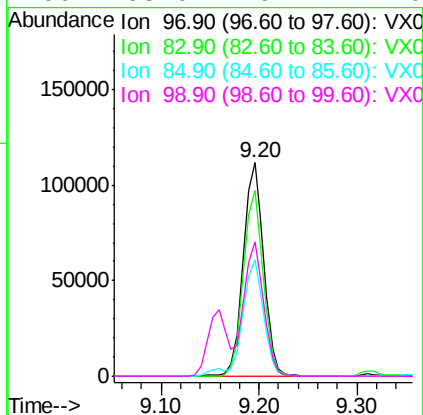
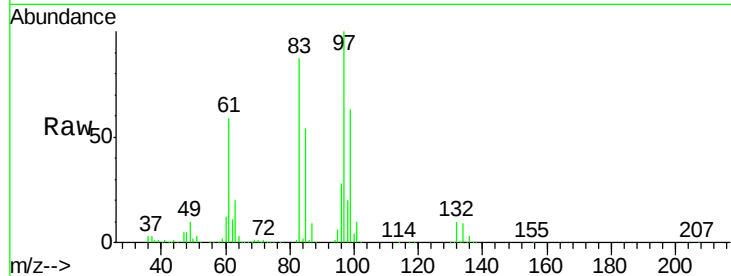
#55
 1,1,2-Trichloroethane
 Concen: 54.722 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	162037
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.2	100.8
85	54.3	44.6	67.0
99	63.0	49.4	74.0

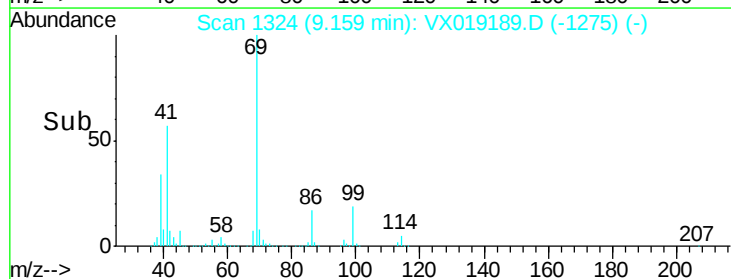
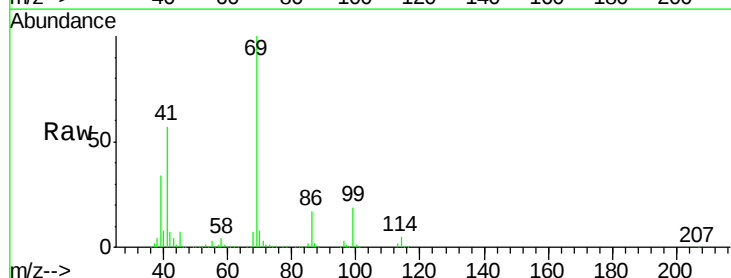
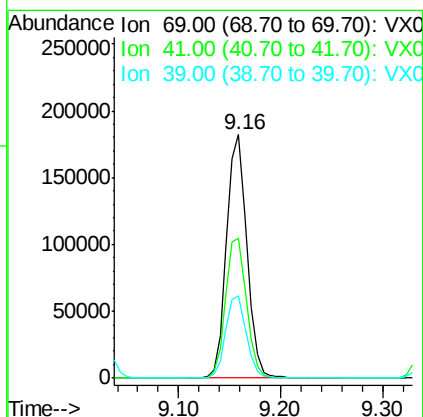
Manual Integrations
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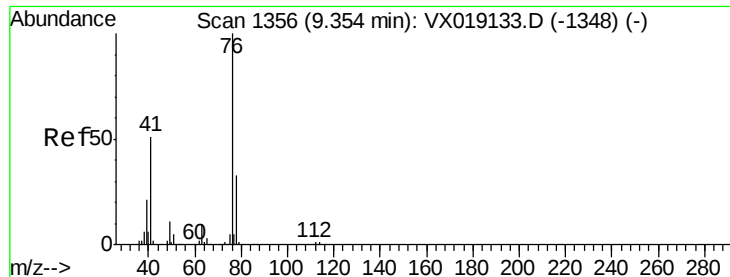
MMDadoda
 10/30/2020 12:00:36 PM



#56
 Ethyl methacrylate
 Concen: 56.066 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion:	69	Resp:	250762
Ion	Ratio	Lower	Upper
69	100		
41	59.5	46.5	69.7
39	34.7	27.6	41.4





#57

1,3-Dichloropropane

Concen: 54.432 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 271746

Ion Ratio Lower Upper

76 100

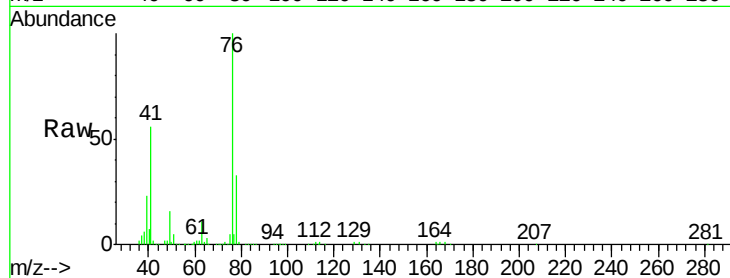
78 32.4 25.9 38.9

Manual Integrations

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MMDadoda

10/30/2020 12:00:36 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

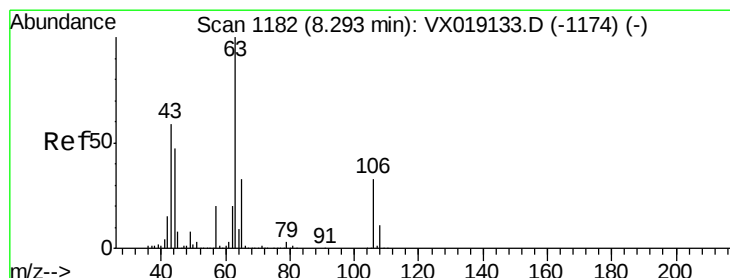
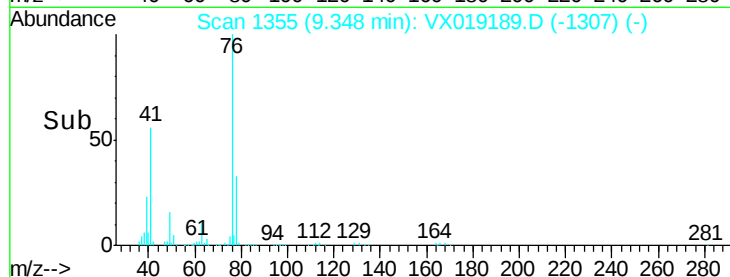
100000

50000

0

9.30 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 209.688 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019189.D

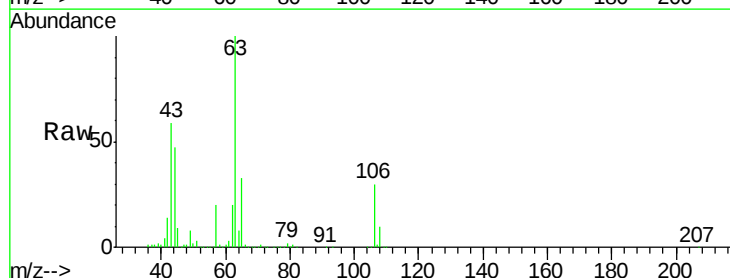
Acq: 29 Oct 2020 15:20

Tgt Ion: 63 Resp: 524504

Ion Ratio Lower Upper

63 100

106 30.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

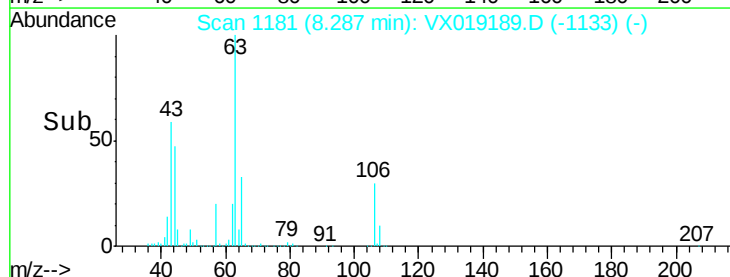
200000

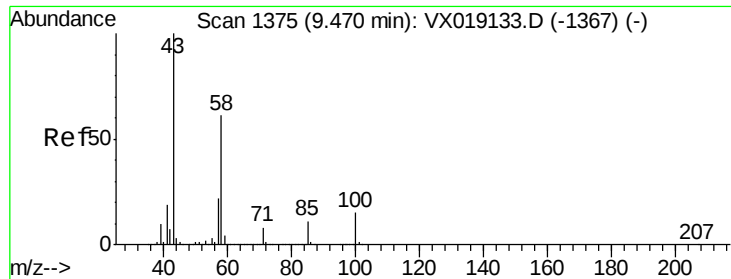
100000

0

8.20 8.30 8.40

Time-->





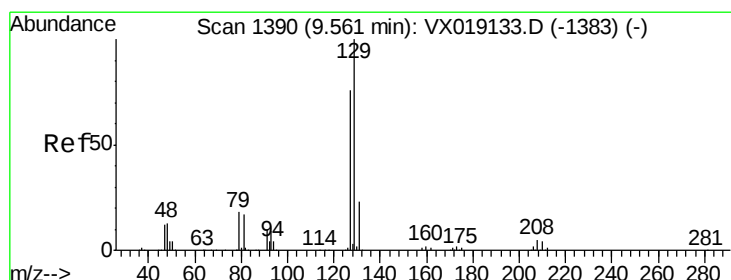
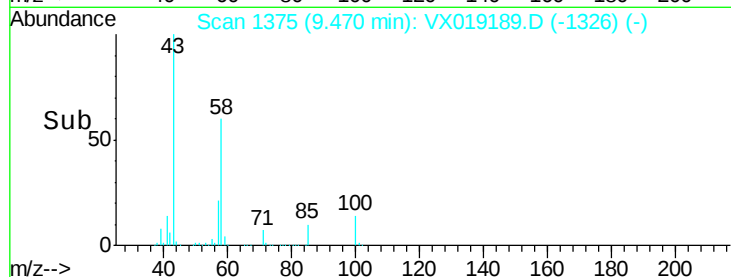
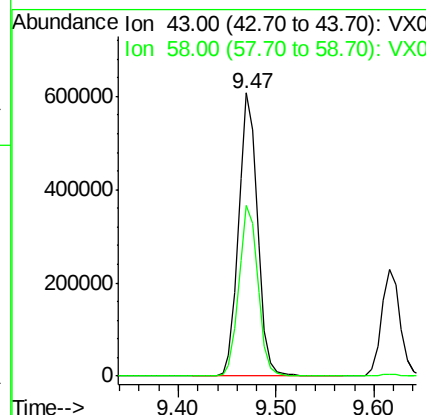
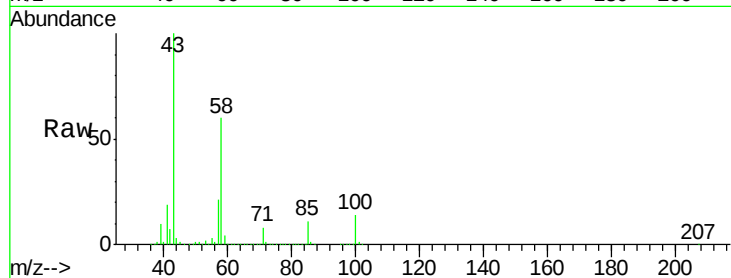
#59
2-Hexanone
Concen: 291.736 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	814350
Ion Ratio	43	100	
Lower	58	60.8	30.5
Upper			91.5

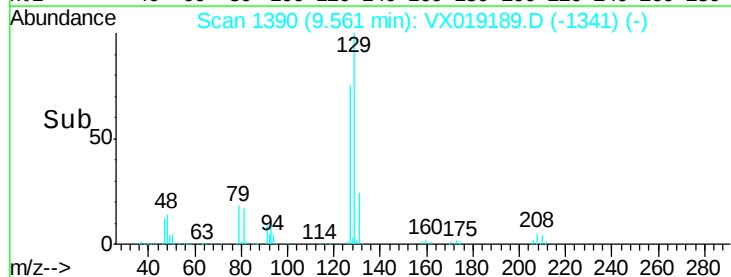
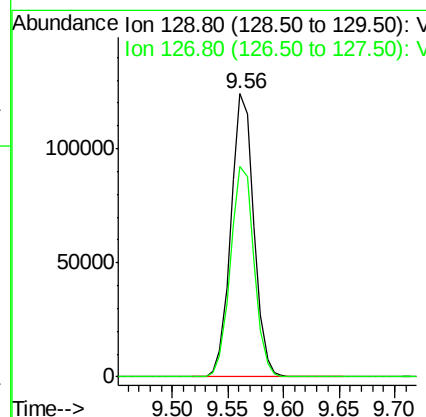
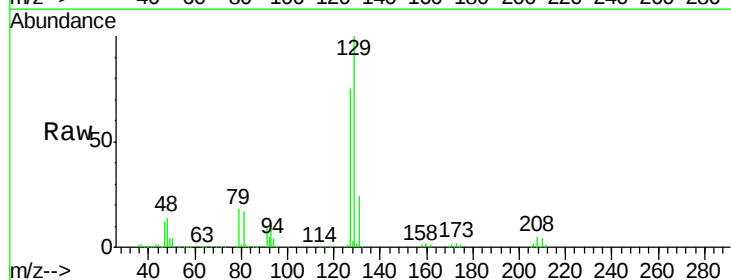
Manual Integrations
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#60
Dibromochloromethane
Concen: 54.996 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	129	Resp	176733
Ion Ratio	129	100	
Lower	127	76.6	38.6
Upper			115.8





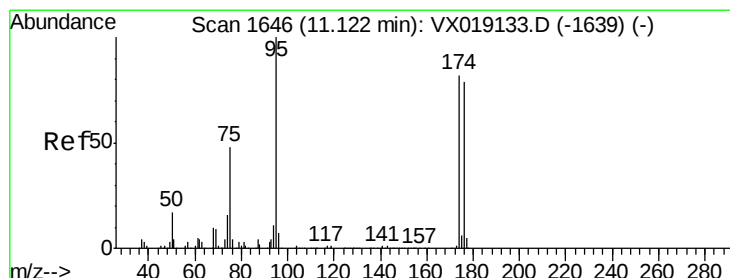
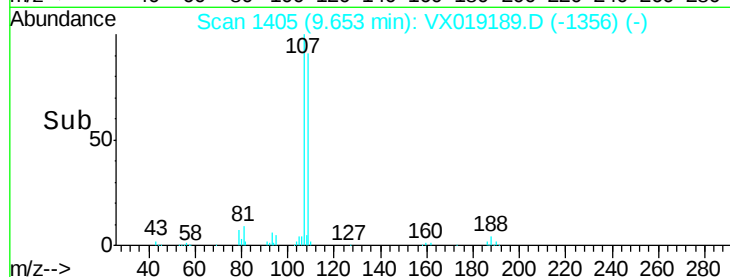
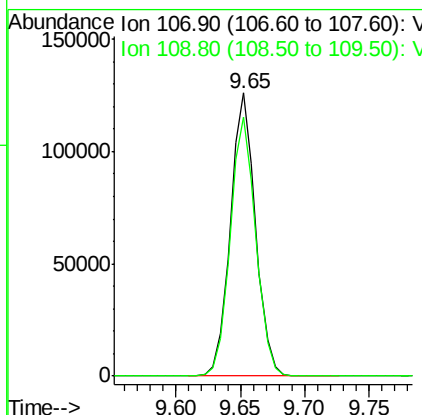
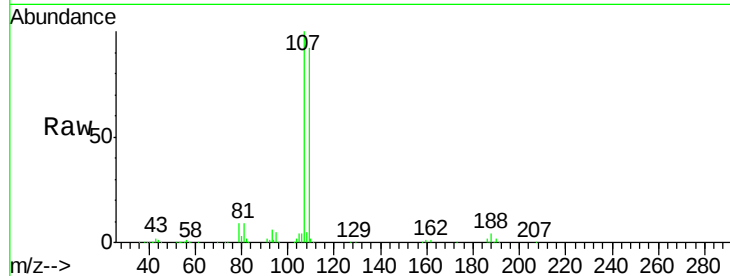
#61
 1,2-Dibromoethane
 Concen: 54.075 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.9	113.9

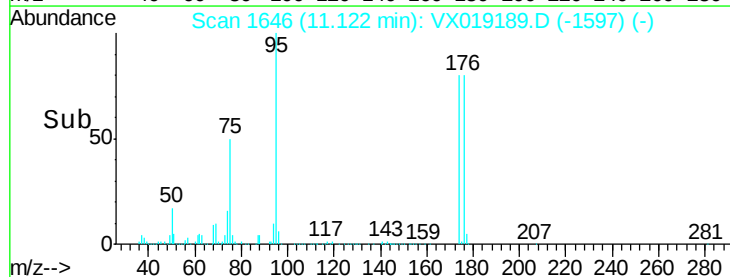
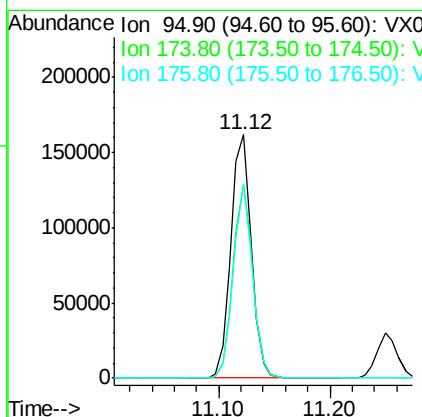
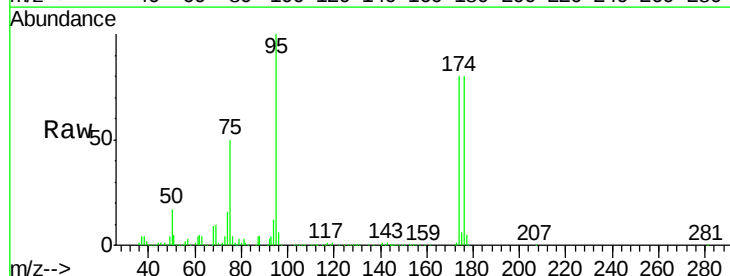
Manual Integrations
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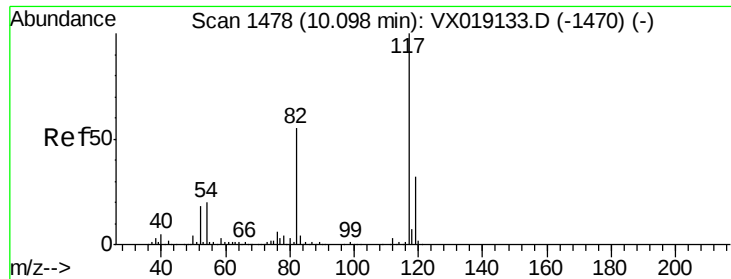
MMDadoda
 10/30/2020 12:00:36 PM



#62
 4-Bromofluorobenzene
 Concen: 51.443 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	156.0
176	74.9	0.0	149.8





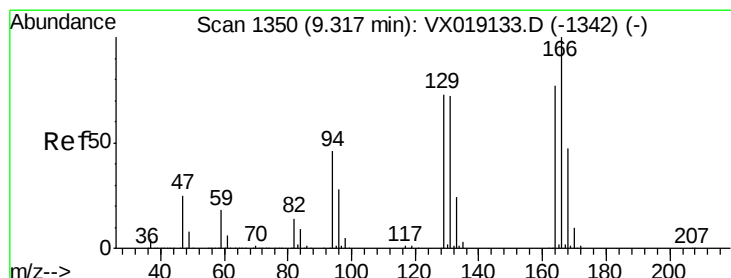
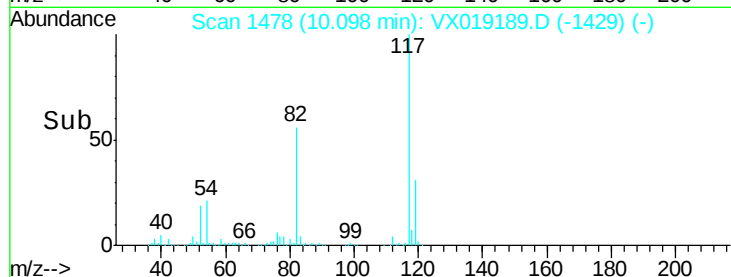
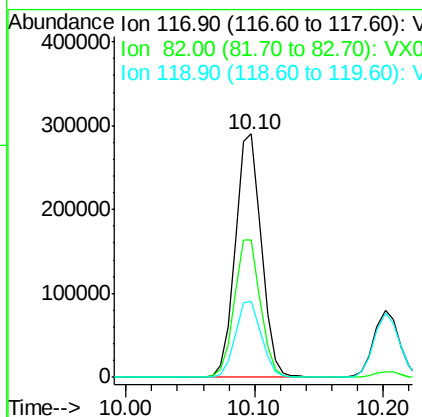
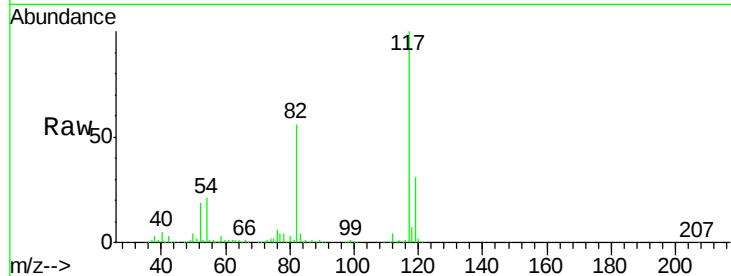
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	407518		
82	56.4	43.6	65.4	
119	31.2	25.5	38.3	

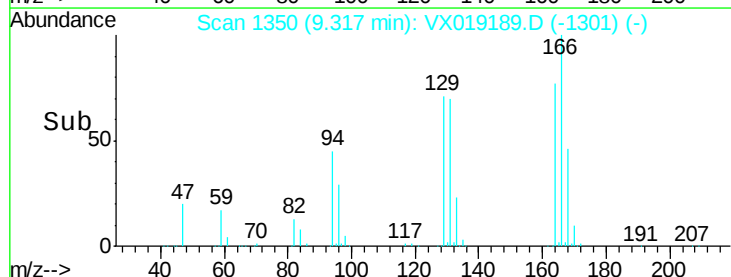
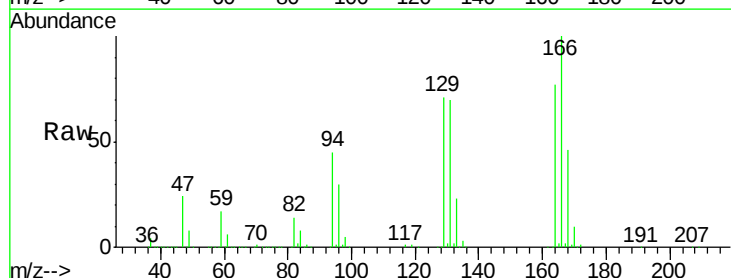
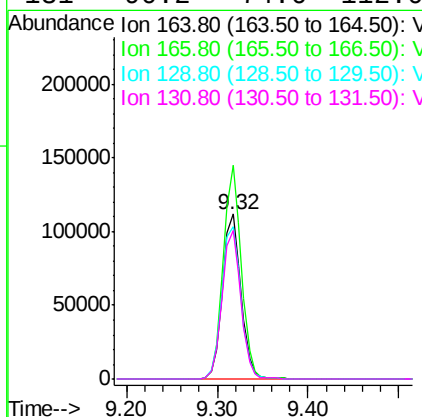
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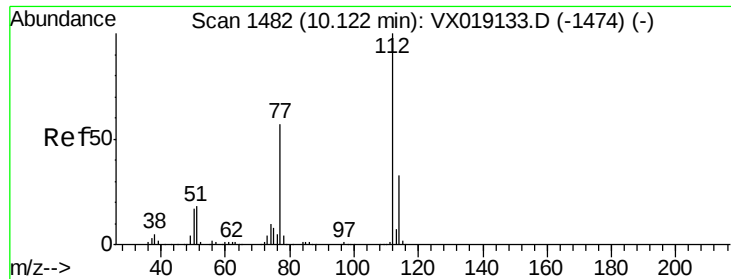
MMDadoda
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#64
Tetrachloroethene
Concen: 51.291 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159251		
166	129.5	104.1	156.1	
129	92.5	76.2	114.4	
131	90.2	74.6	112.0	





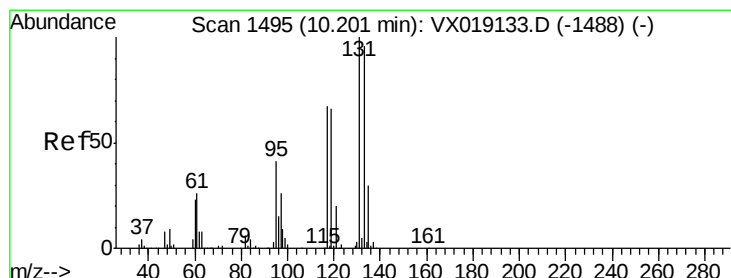
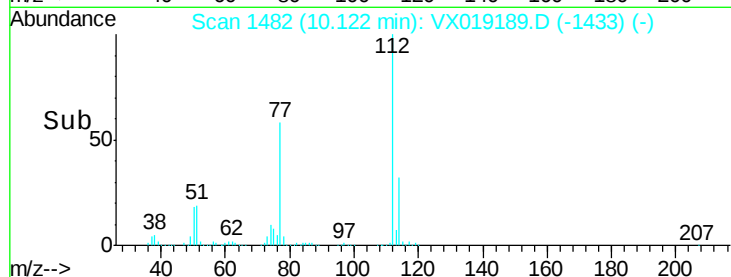
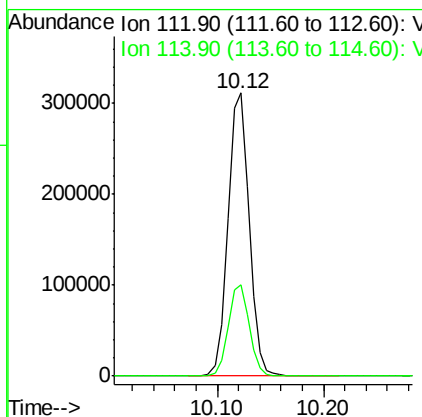
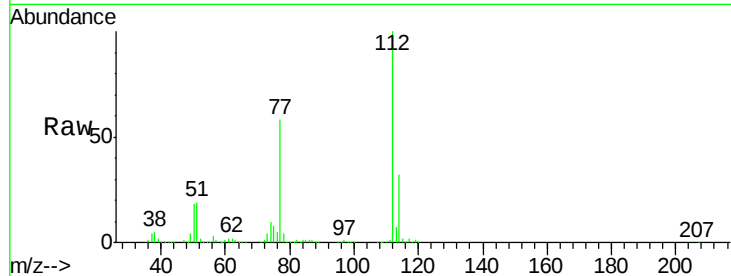
#65
Chlorobenzene
Concen: 52.178 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 434603
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1

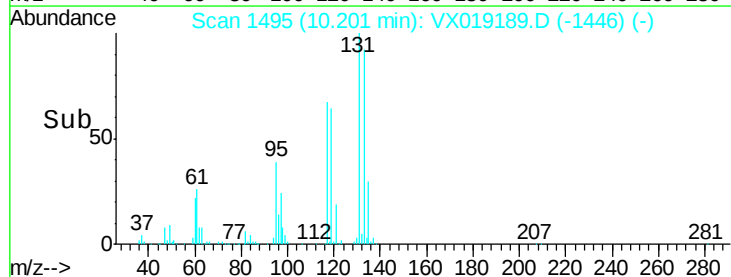
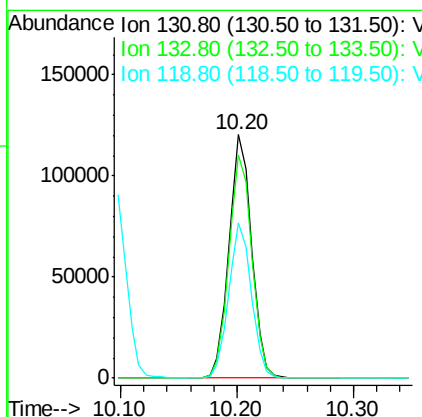
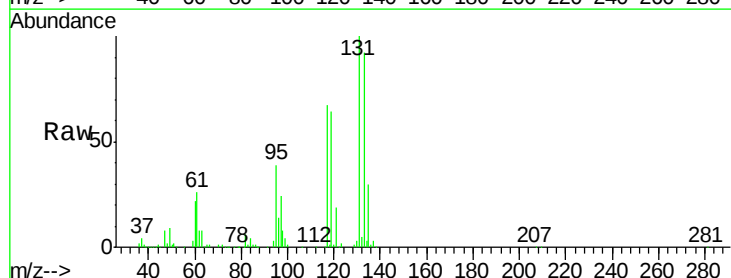
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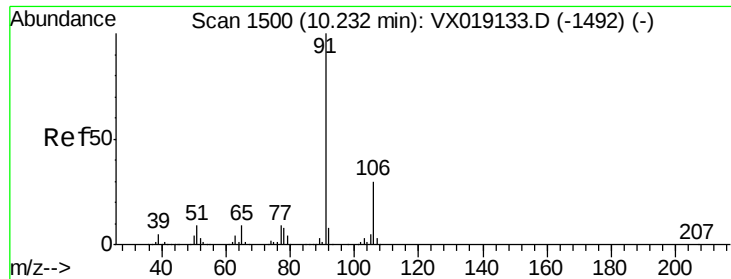
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.202 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion:131 Resp: 162527
Ion Ratio Lower Upper
131 100
133 93.5 47.3 141.8
119 64.0 32.3 96.9





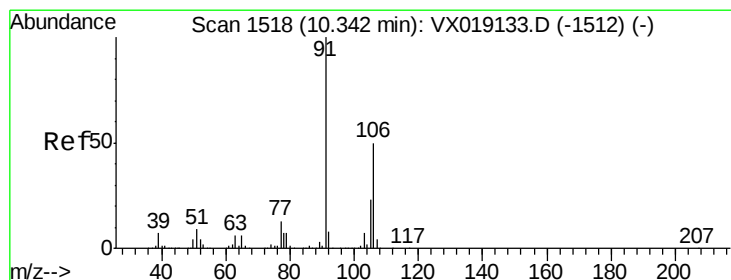
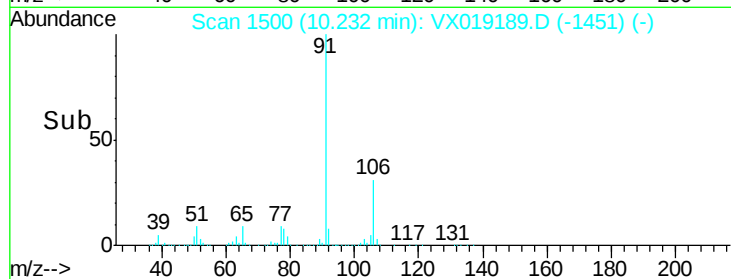
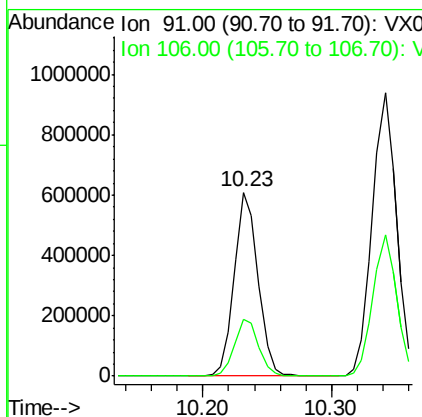
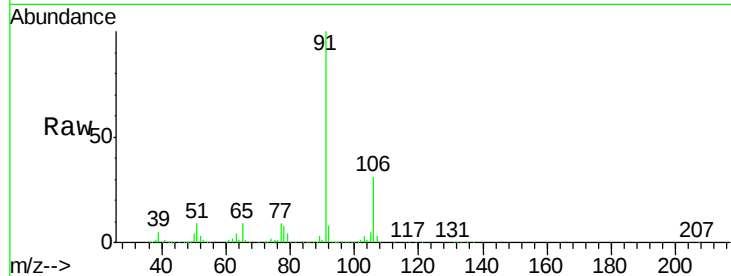
#67
Ethyl Benzene
Concen: 53.047 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5

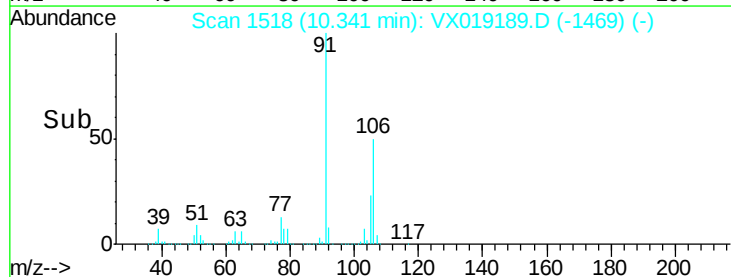
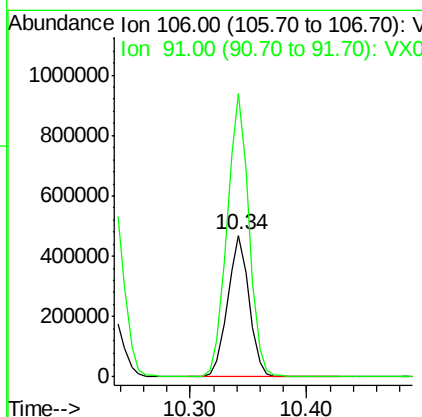
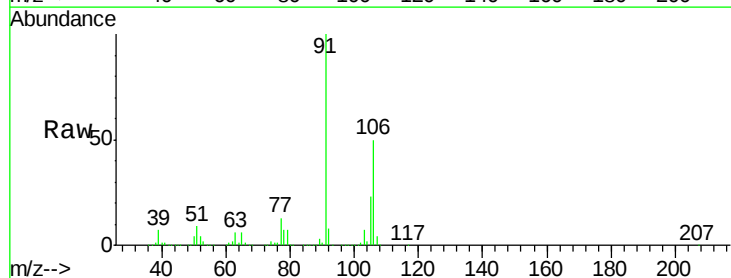
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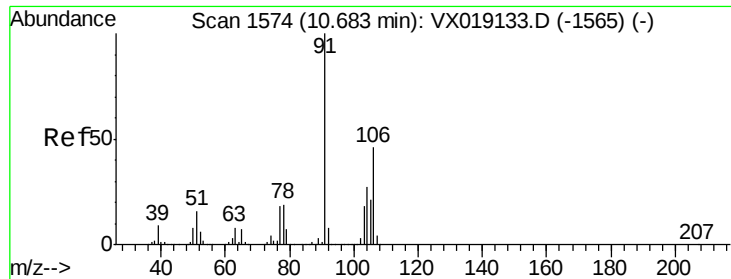
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#68
m/p-Xylenes
Concen: 108.169 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.7	161.0	241.4





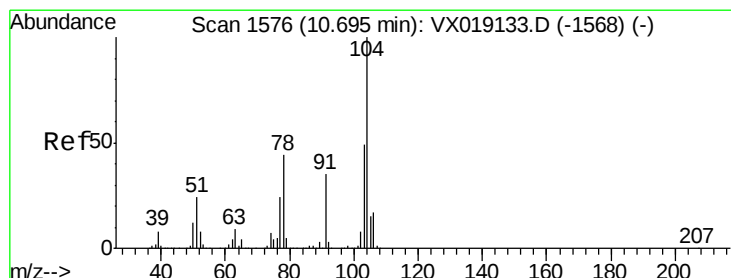
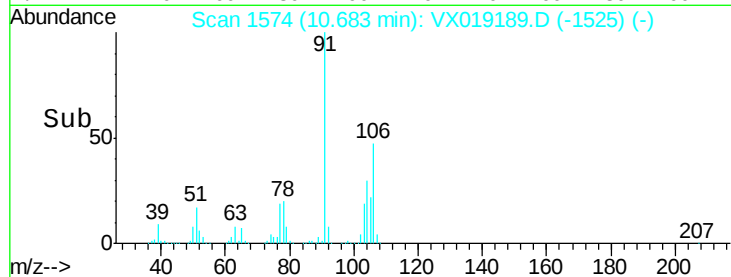
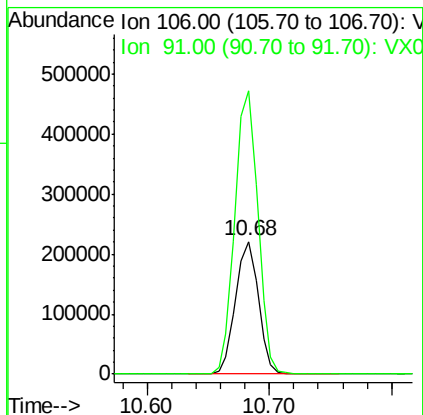
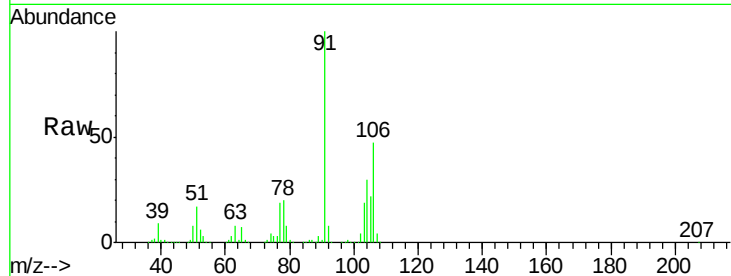
#69
o-Xylene
Concen: 53.988 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.9	108.3	324.8

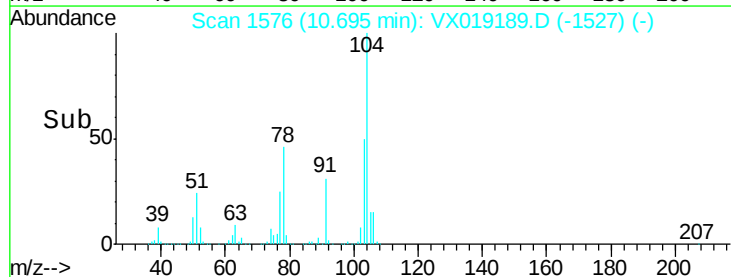
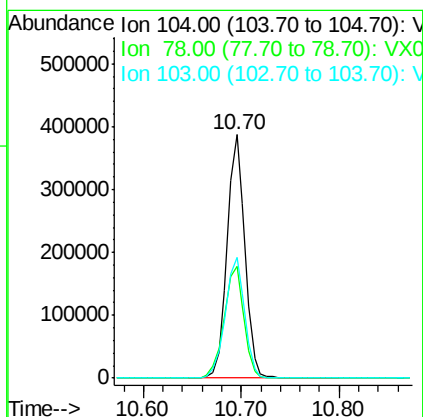
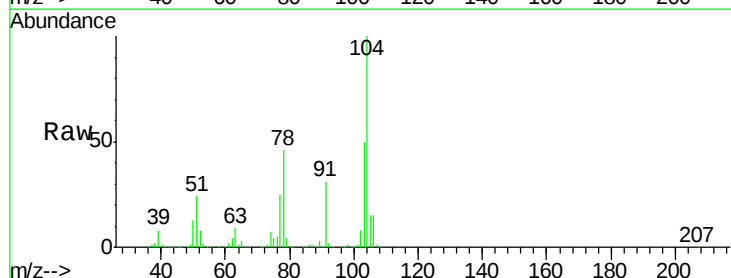
Manual Integrations
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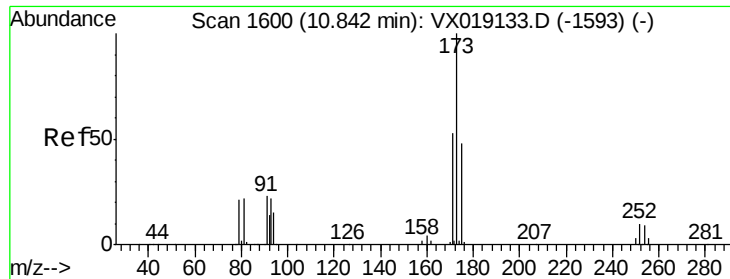
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#70
Styrene
Concen: 54.164 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	40.0	60.0
103	54.3	43.5	65.3





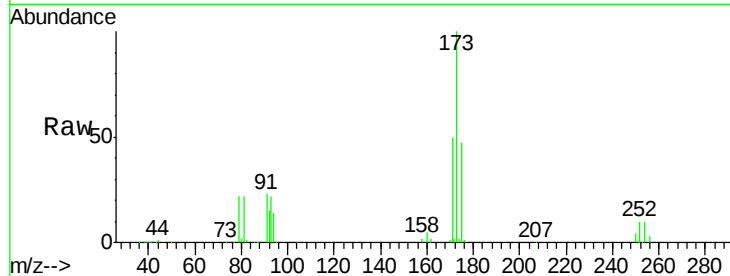
#71
Bromoform
Concen: 54.708 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

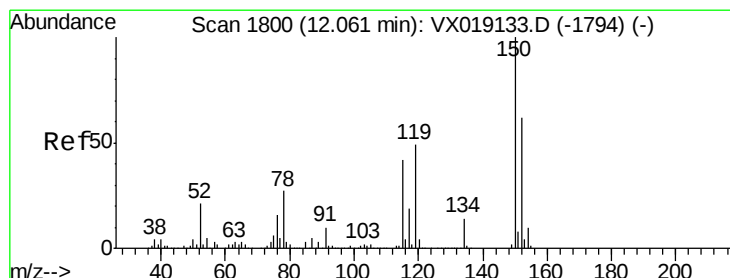
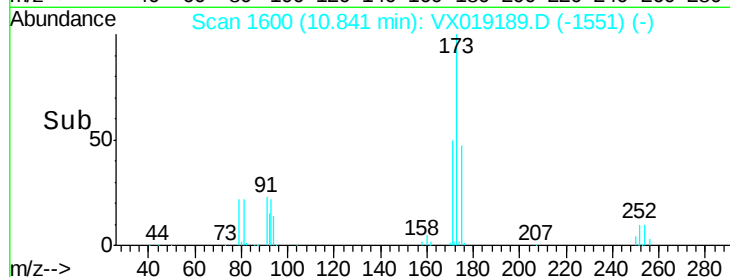
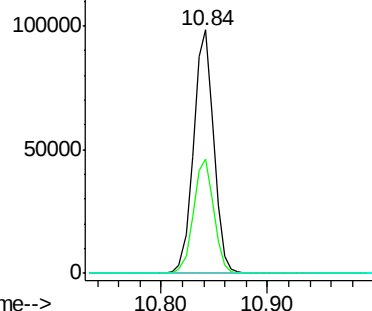
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.4	73.4
254	0.1	0.1	0.1

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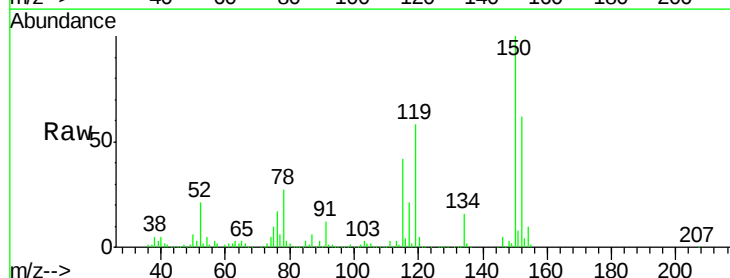


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

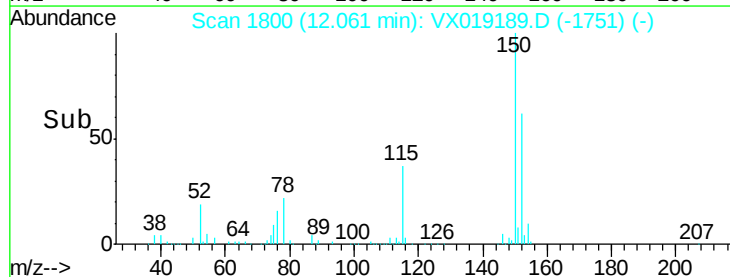
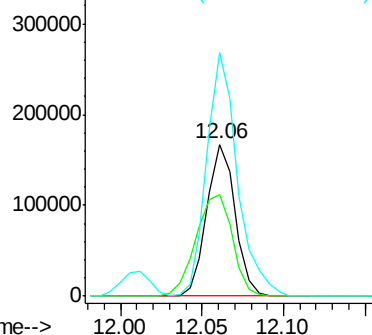


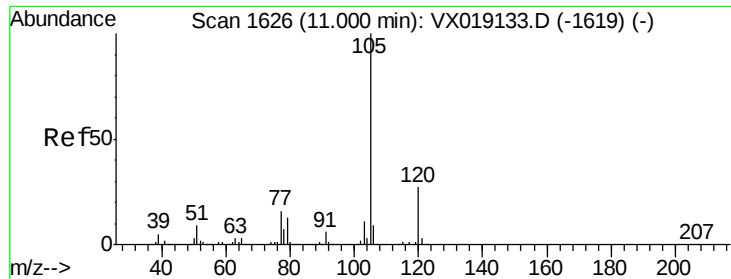
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	86.6	41.9	125.7
150	174.4	0.0	347.8



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





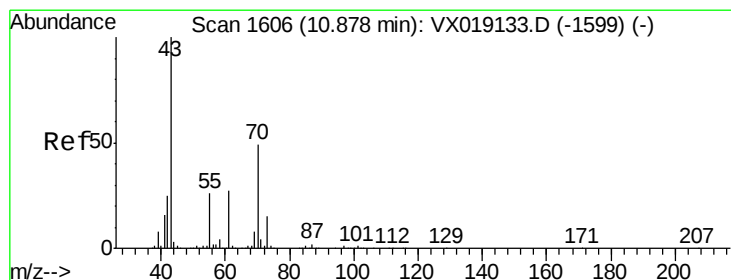
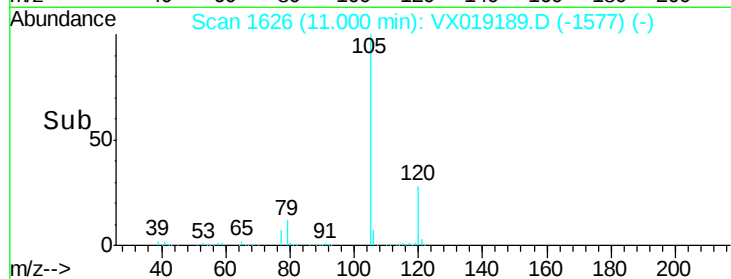
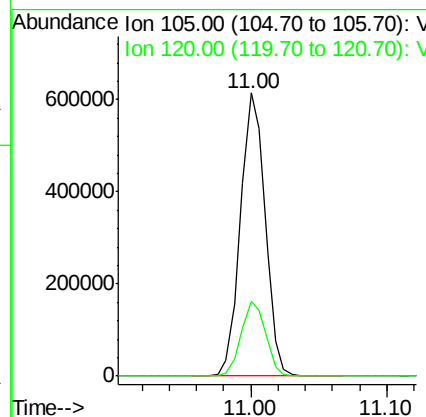
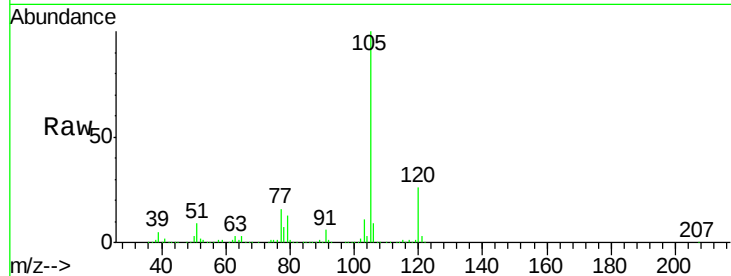
#73
Isopropylbenzene
Concen: 54.597 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.8

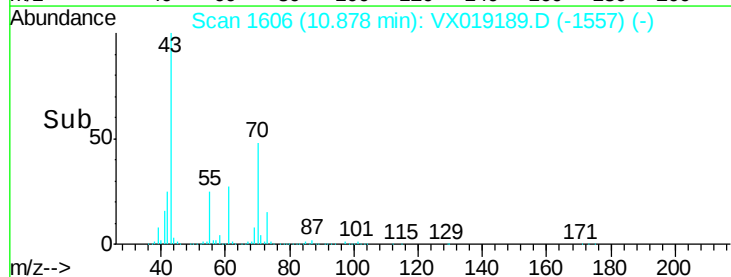
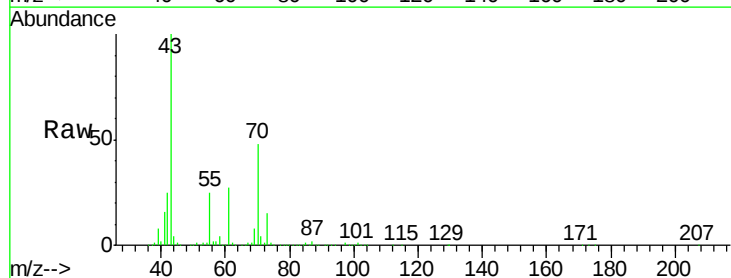
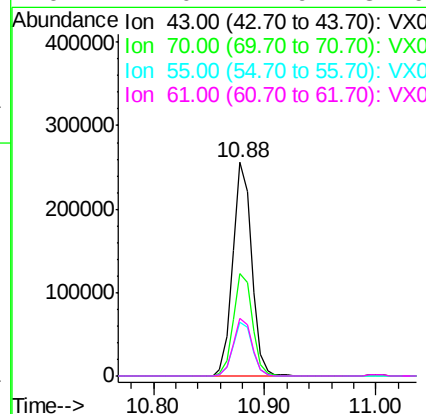
Manual Integrations
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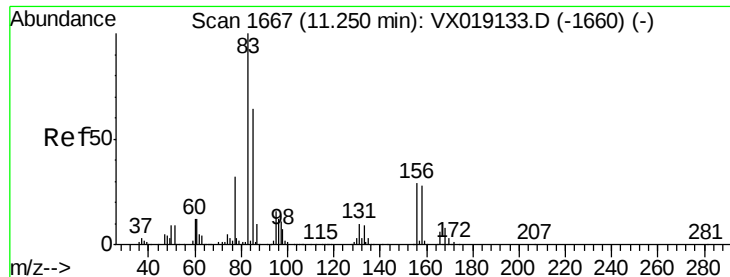
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#74
N-ethyl acetate
Concen: 57.277 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.8	39.6	59.4
55	25.9	20.7	31.1
61	27.0	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.884 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

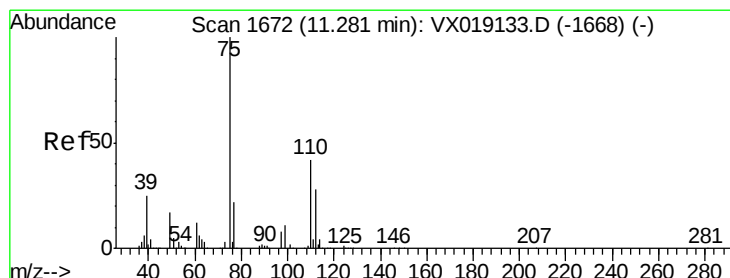
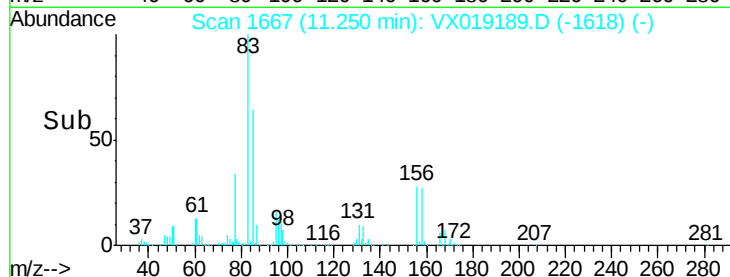
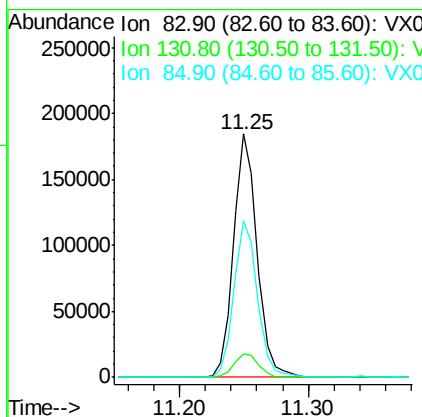
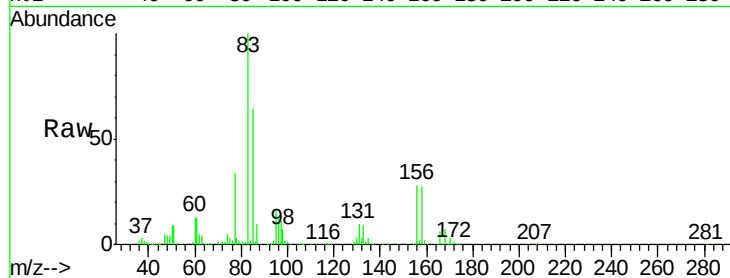
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	235938
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	64.9	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.232 ug/l m

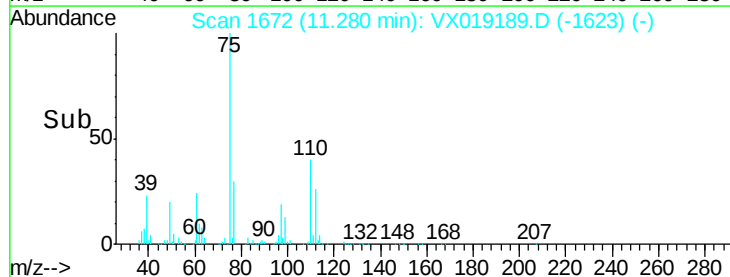
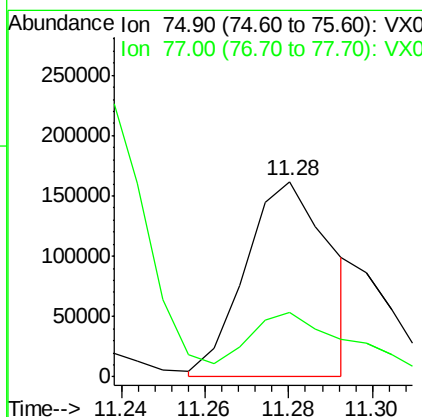
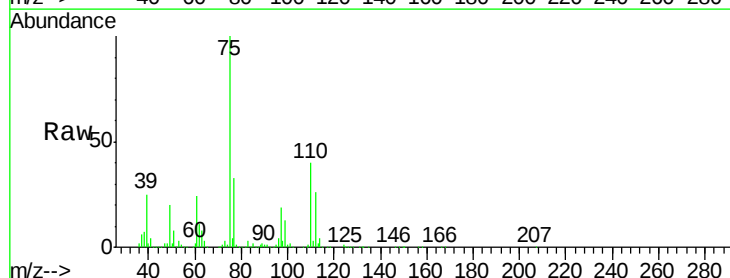
RT: 11.28 min Scan# 1672

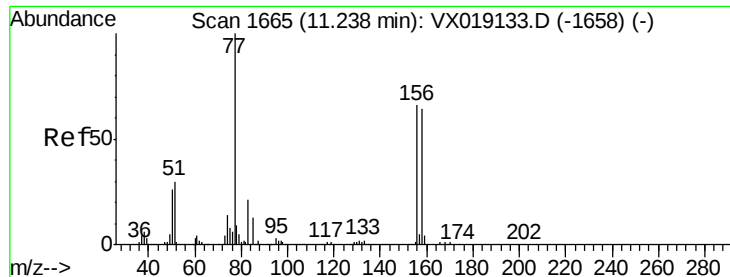
Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Tgt Ion:	75	Resp:	229992
Ion Ratio	Lower	Upper	
75	100		
77	40.0	20.3	60.9





#77

Bromobenzene

Concen: 52.919 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

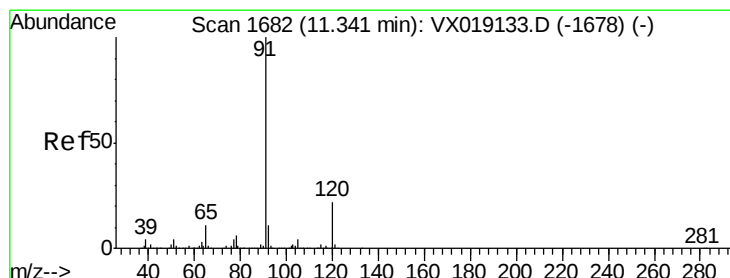
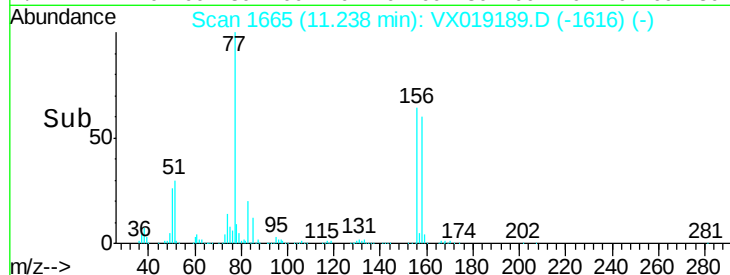
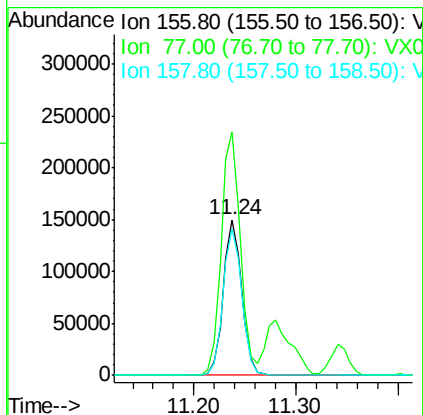
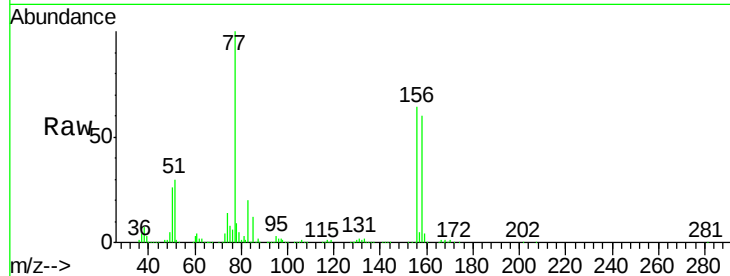
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.9	77.7	233.1
158	96.4	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 55.544 ug/l

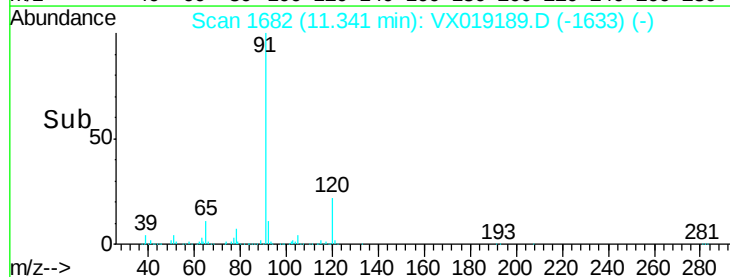
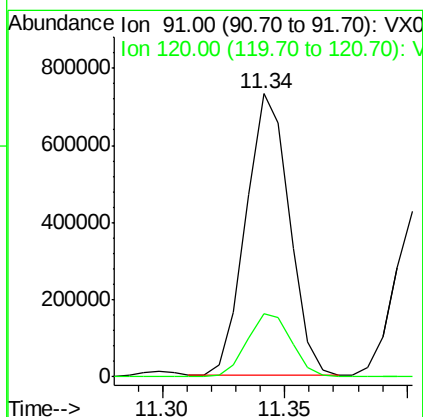
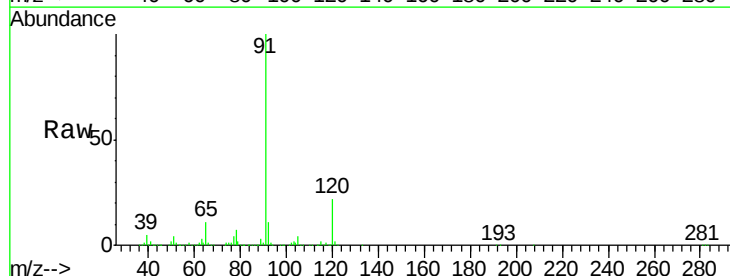
RT: 11.34 min Scan# 1682

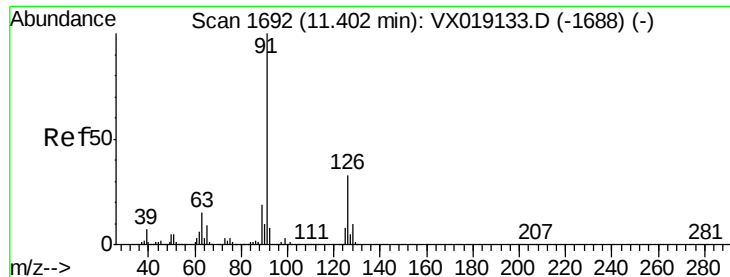
Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.0





#79

2-Chlorotoluene

Concen: 55.536 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 532803

Ion Ratio Lower Upper

91 100

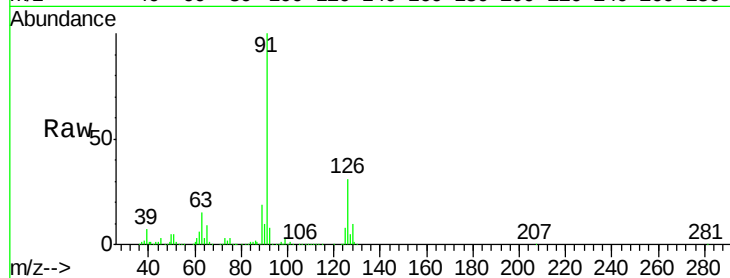
126 32.8 16.9 50.7

Manual Integrations

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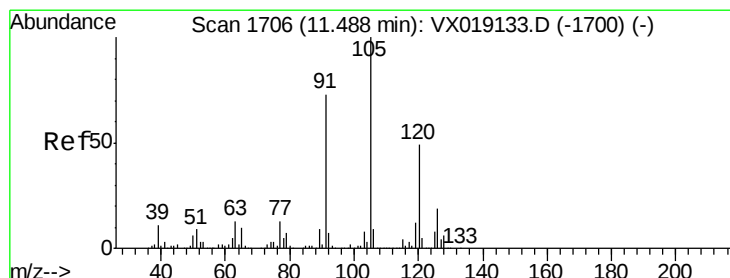
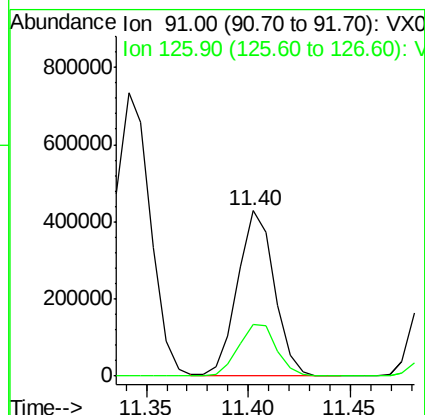
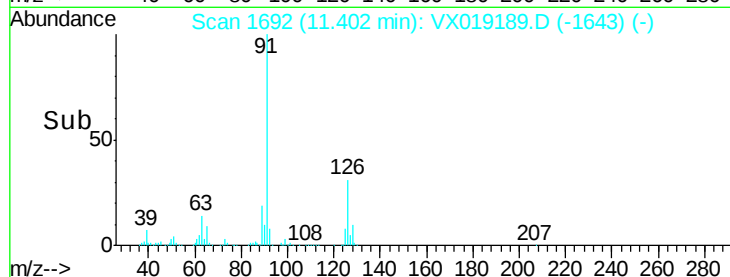
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Abundance Ion 91.00 (90.70 to 91.70): VX019189.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX019189.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.688 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019189.D

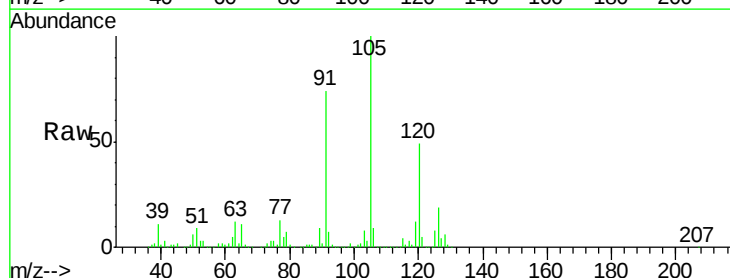
Acq: 29 Oct 2020 15:20

Tgt Ion: 105 Resp: 659525

Ion Ratio Lower Upper

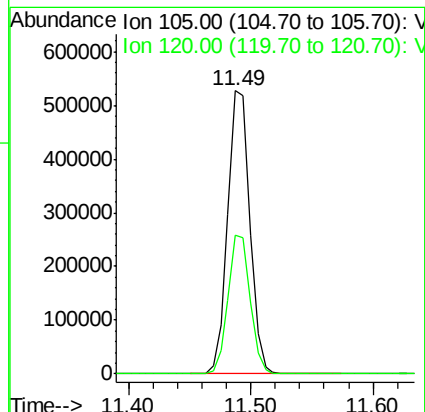
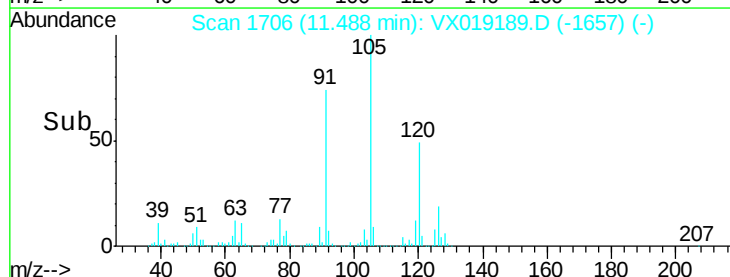
105 100

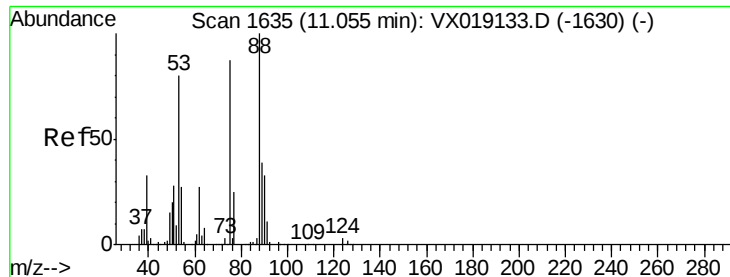
120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019189.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX019189.D (-1657) (-)





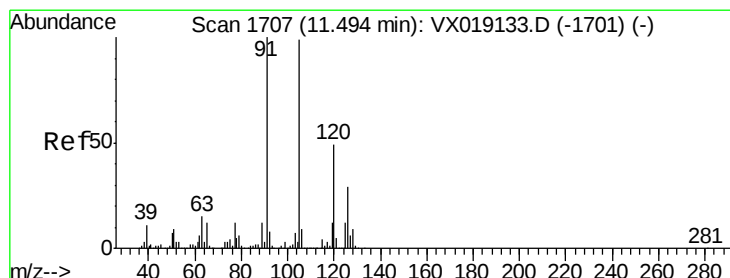
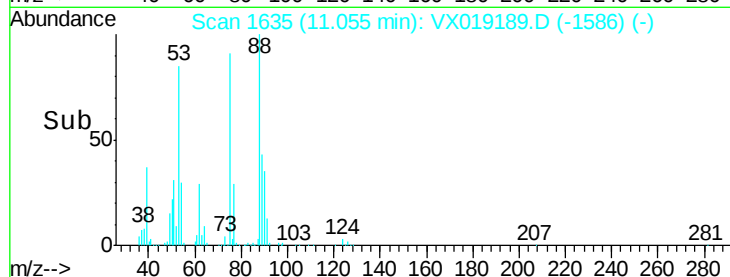
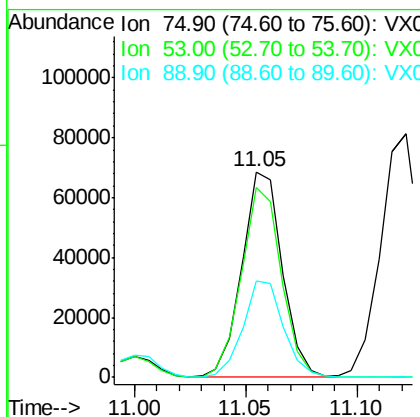
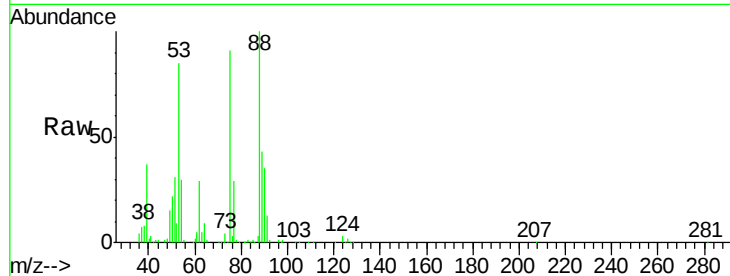
#81
trans-1,4-Dichloro-2-butene
Concen: 54.689 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	73.3	109.9
89	47.4	38.2	57.2

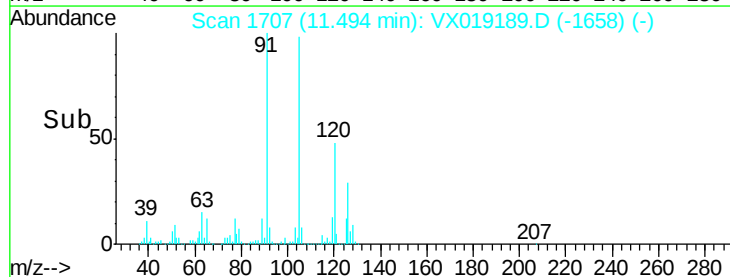
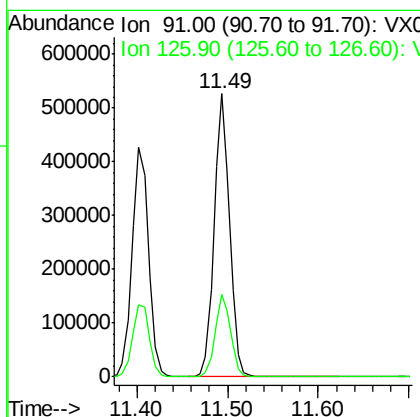
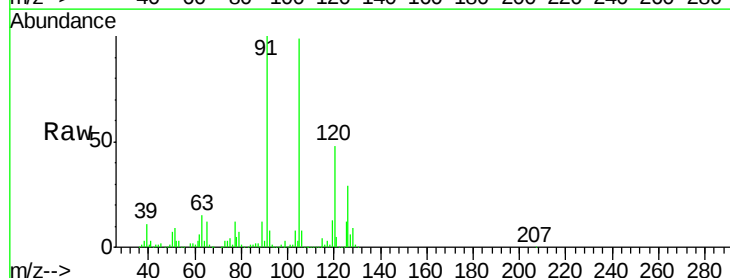
Manual Integrations
APPROVED

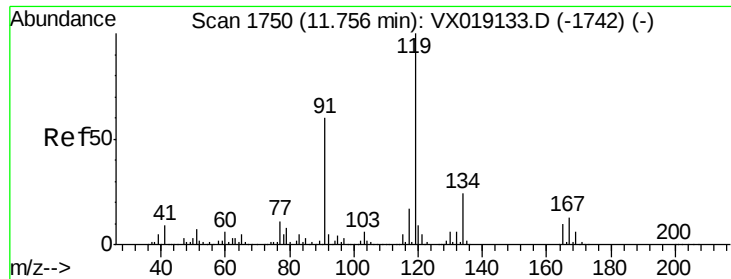
MMDadoda
10/30/2020 12:00:36 PM



#82
4-Chlorotoluene
Concen: 53.854 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.8	44.4





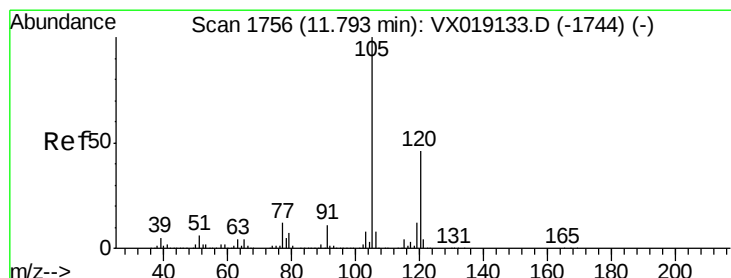
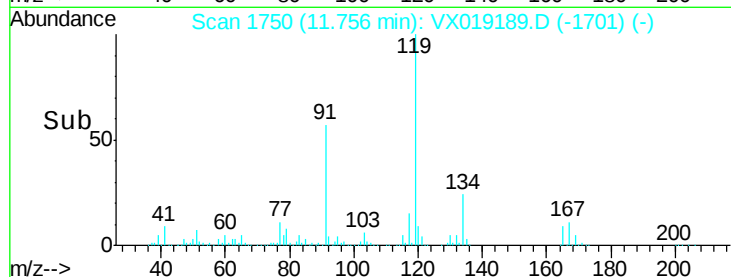
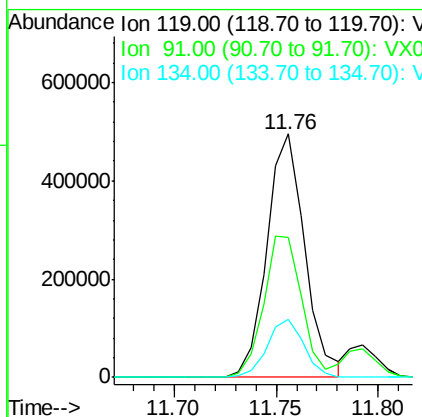
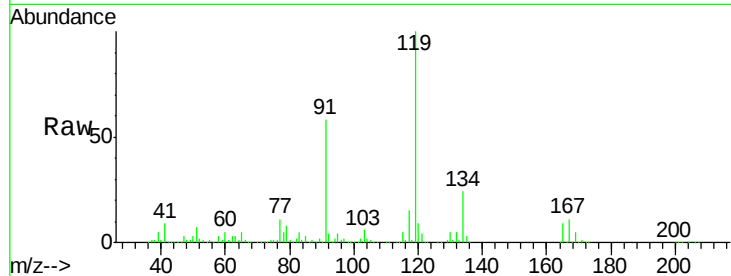
#83
tert-Butylbenzene
Concen: 55.369 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	29.0	87.1
134	23.0	11.7	35.0

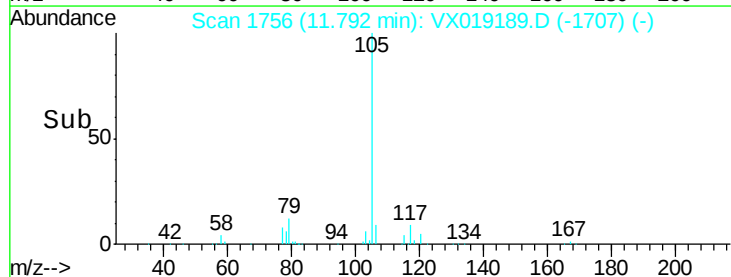
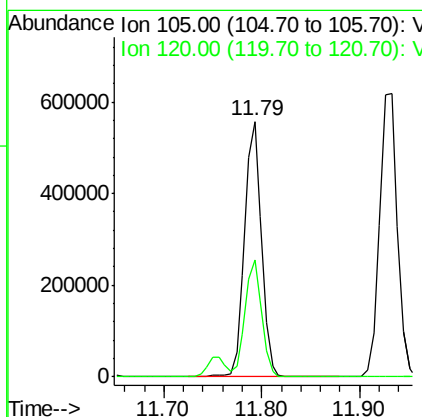
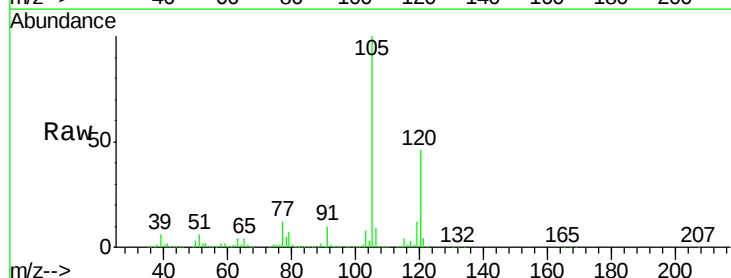
Manual Integrations
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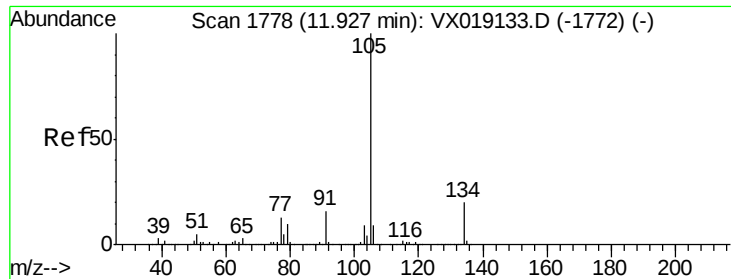
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#84
1,2,4-Trimethylbenzene
Concen: 55.030 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3





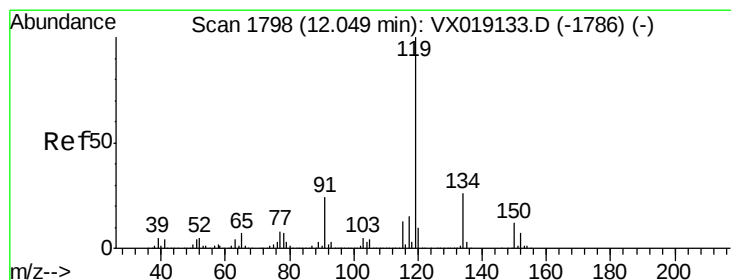
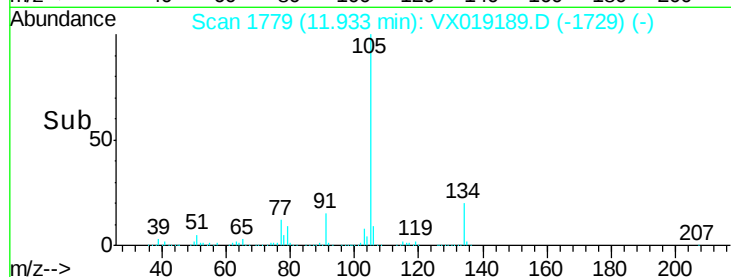
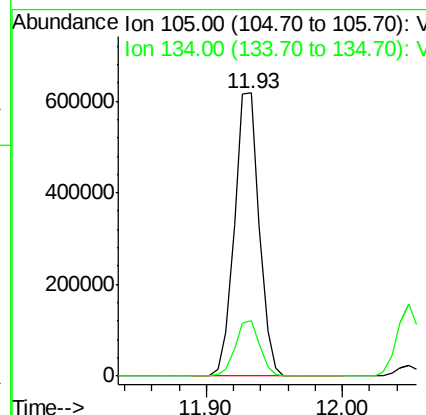
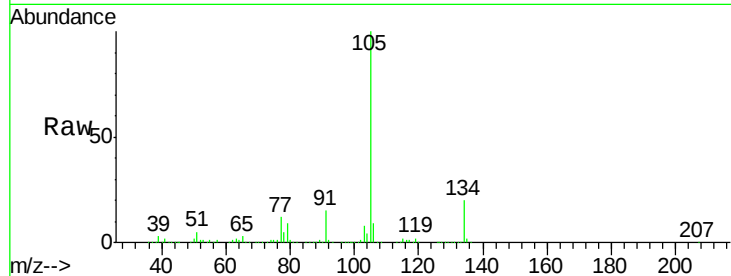
#85
 sec-Butylbenzene
 Concen: 56.158 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.1	30.1

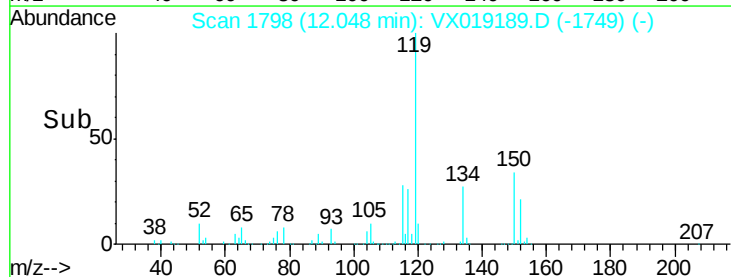
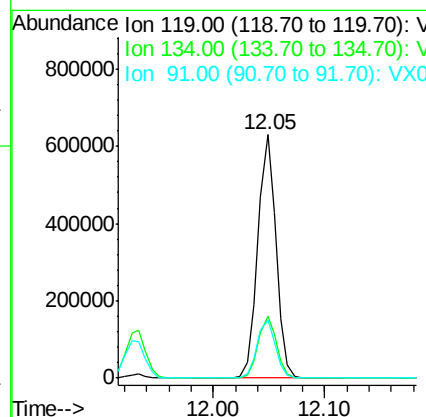
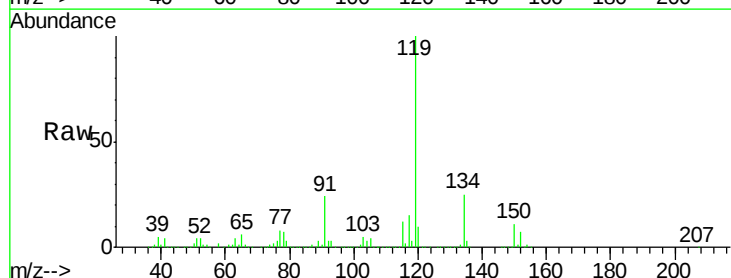
Manual Integrations
 APPROVED

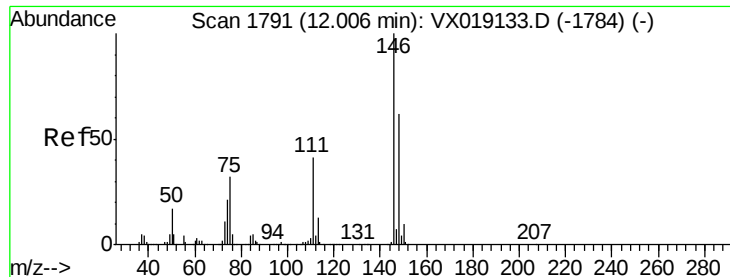
MMDadoda
 10/30/2020 12:00:36 PM



#86
 p-Isopropyltoluene
 Concen: 56.151 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.9	38.7
91	24.2	12.0	36.0





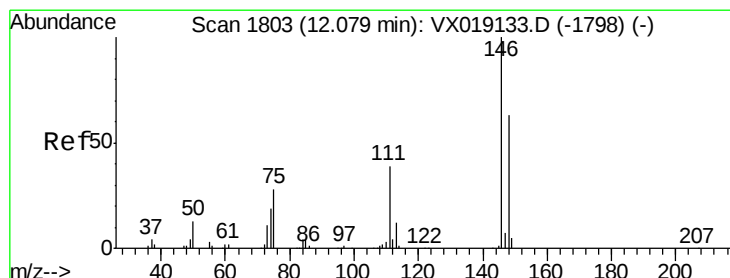
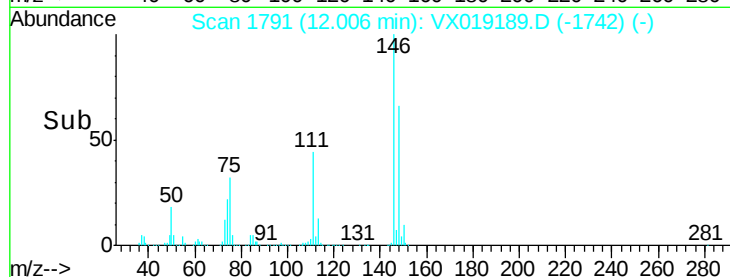
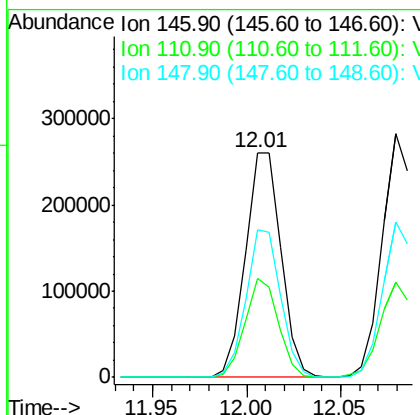
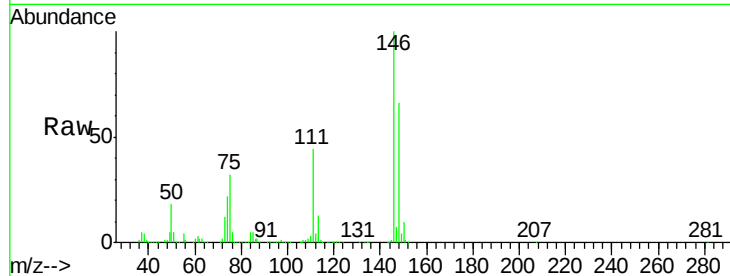
#87
 1,3-Dichlorobenzene
 Concen: 51.775 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.2
148	63.9	31.6	94.8

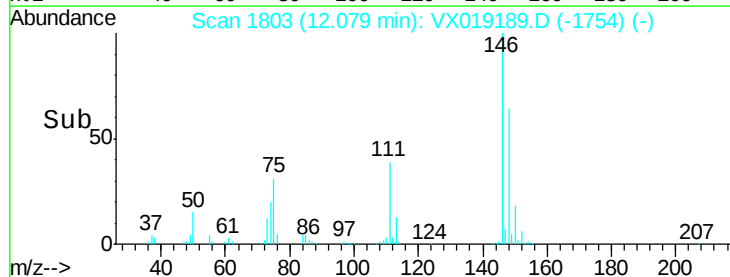
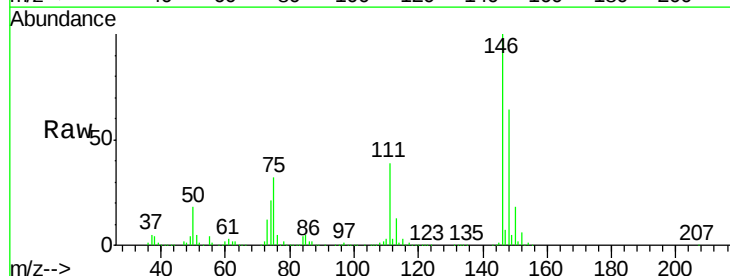
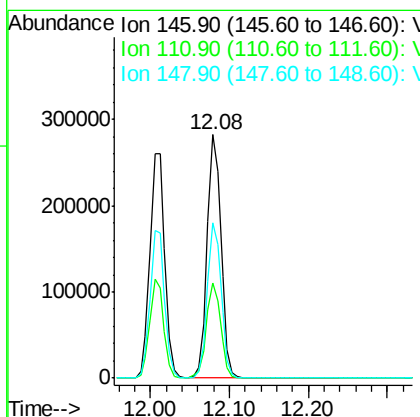
Manual Integrations
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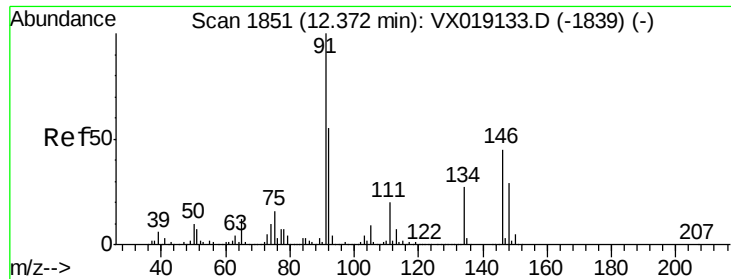
MMDadoda
 10/30/2020 12:00:36 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.337 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.5
148	63.6	31.3	93.8





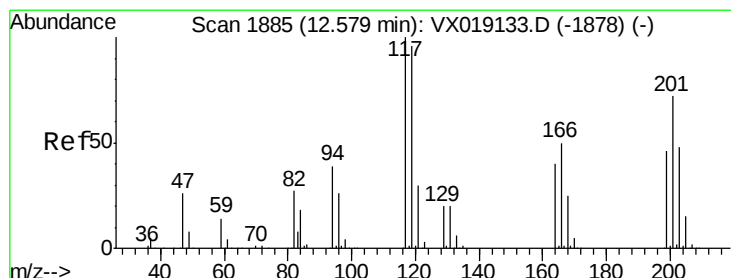
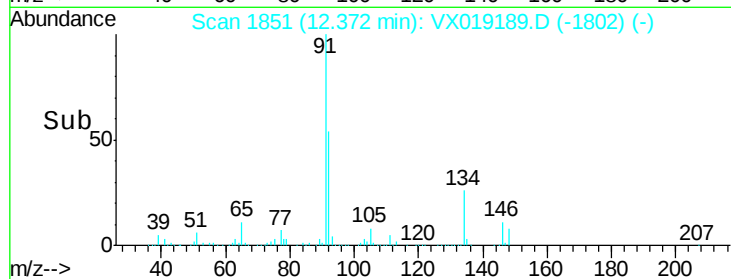
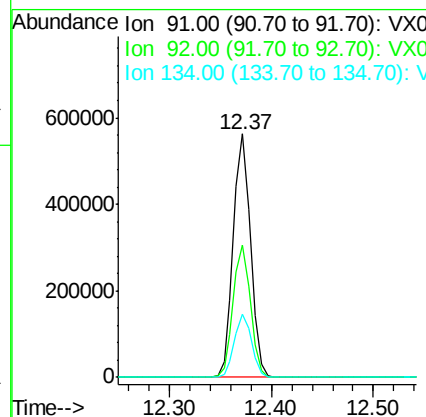
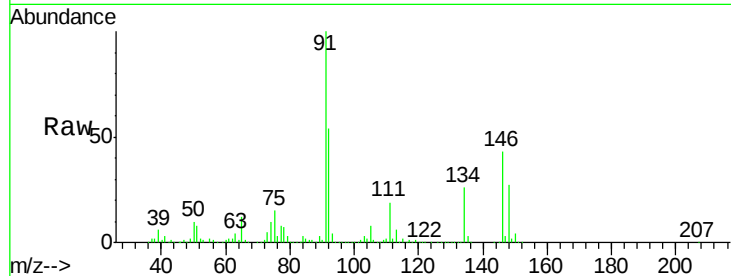
#89
n-Butylbenzene
Concen: 54.640 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.4	27.5	82.4	
134	25.9	13.2	39.6	

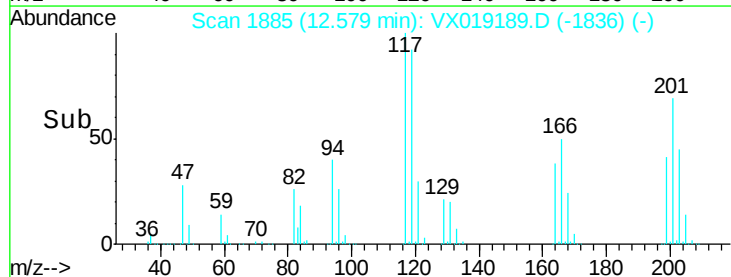
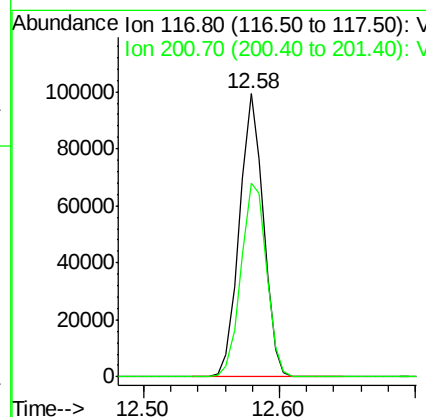
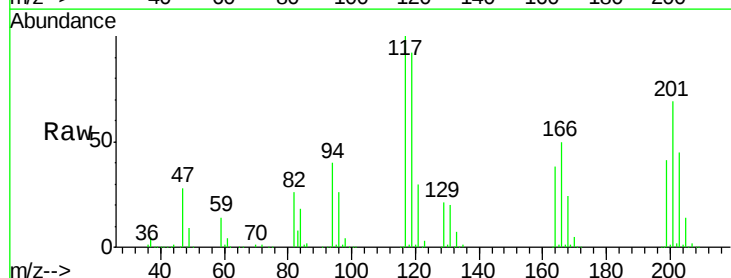
Manual Integrations
APPROVED

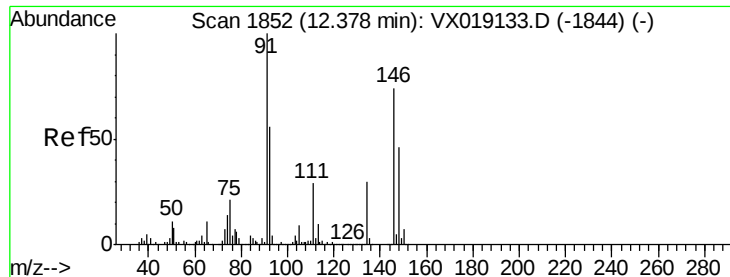
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#90
Hexachloroethane
Concen: 56.040 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	72.8	38.5	115.3	





#91

1,2-Dichlorobenzene

Concen: 50.898 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Instrument :

MSVOA_X

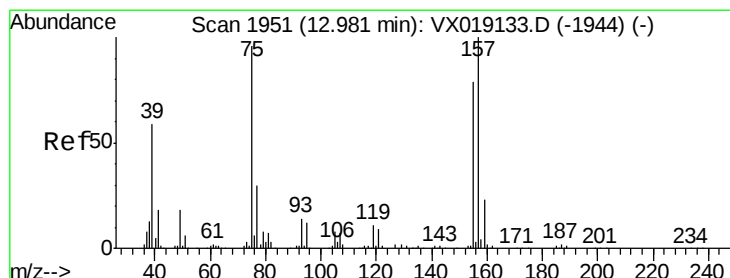
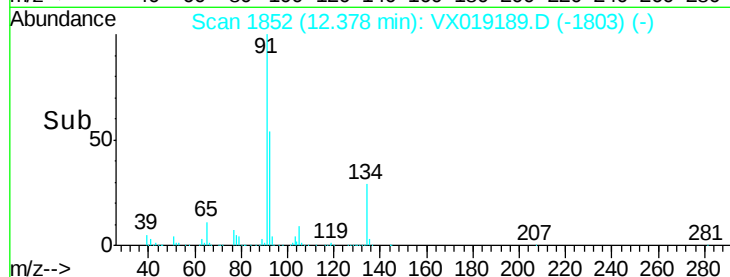
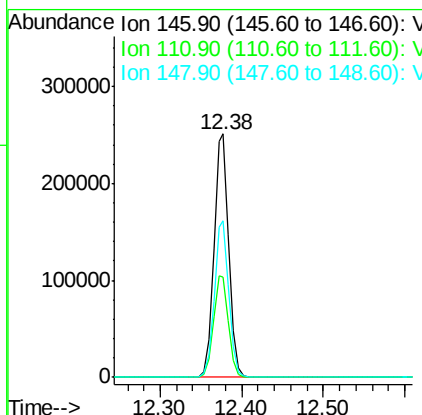
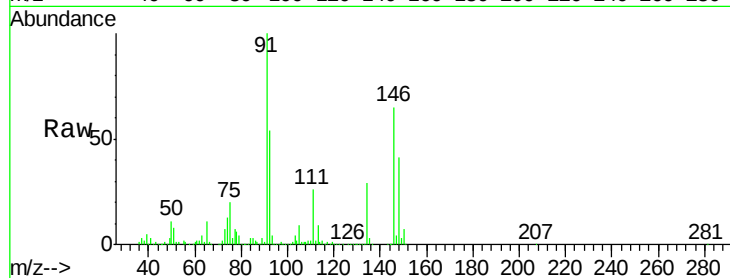
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	322464
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.2	63.6
148	63.4	31.6	94.7

Manual Integrations
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10/30/2020 12:00:36 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.760 ug/l

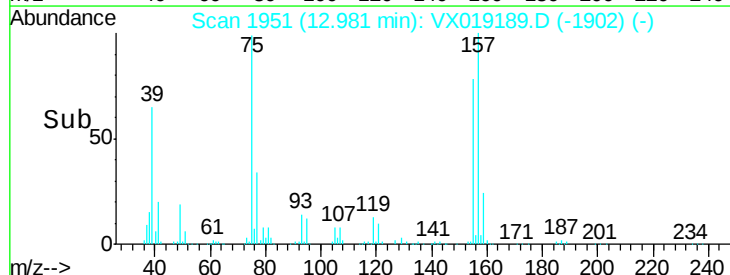
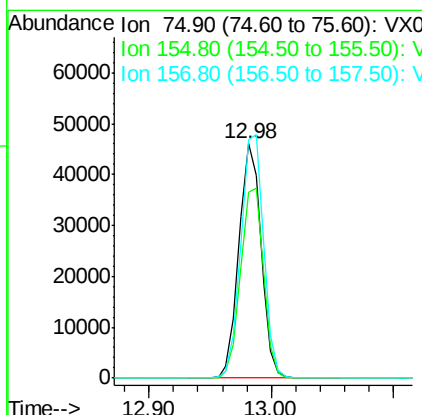
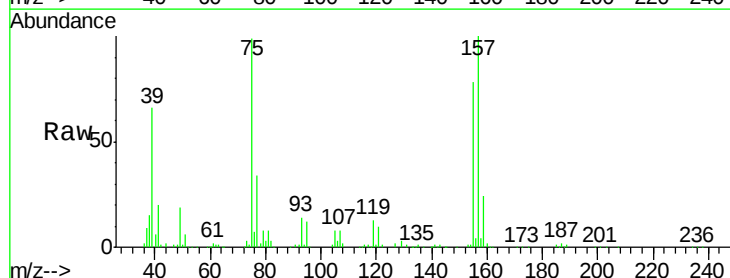
RT: 12.98 min Scan# 1951

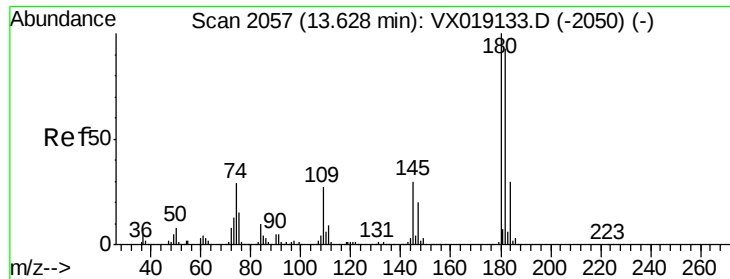
Delta R.T. -0.00 min

Lab File: VX019189.D

Acq: 29 Oct 2020 15:20

Tgt Ion:	75	Resp:	57622
Ion Ratio	Lower	Upper	
75	100		
155	83.8	42.8	128.4
157	106.3	54.8	164.4





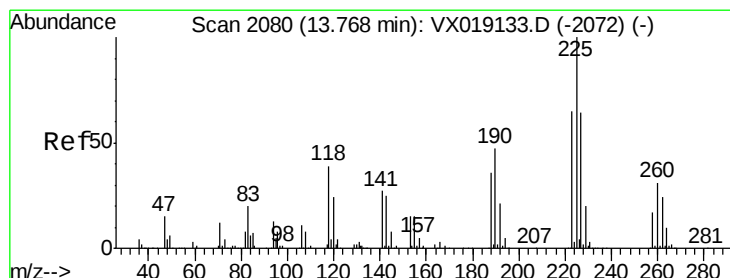
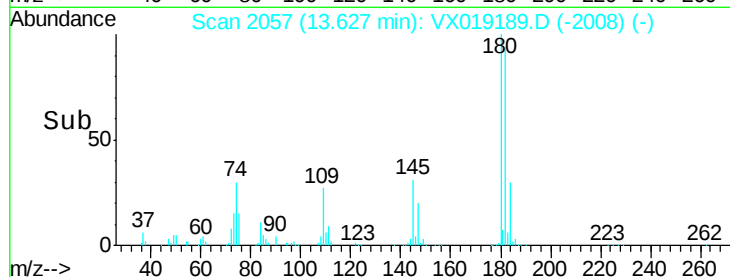
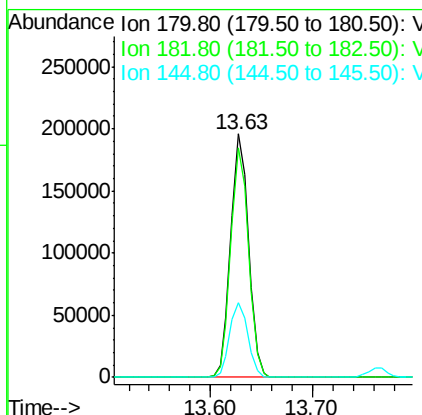
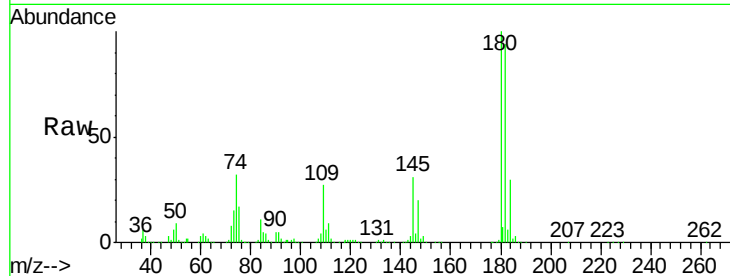
#93
 1,2,4-Trichlorobenzene
 Concen: 49.653 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	236291		
182	93.8	46.8	140.3	
145	31.3	15.5	46.5	

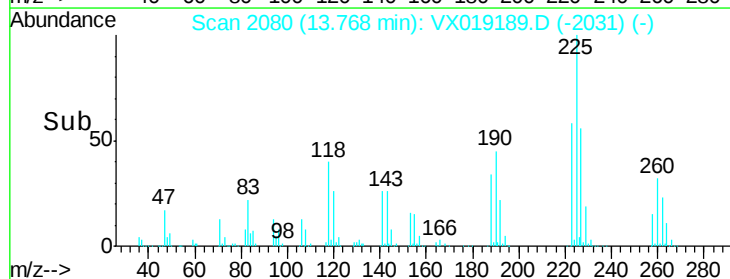
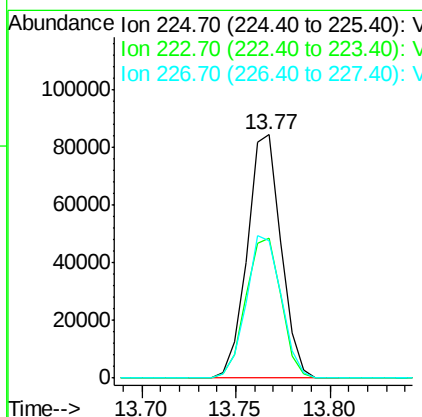
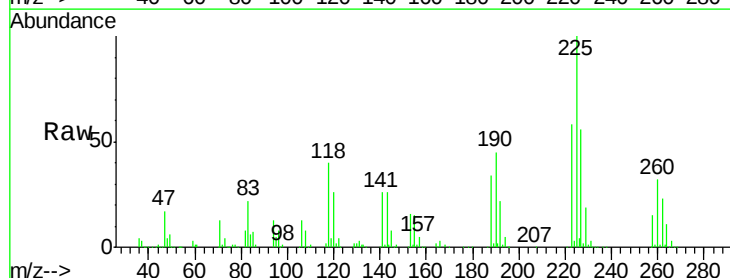
Manual Integrations
 APPROVED

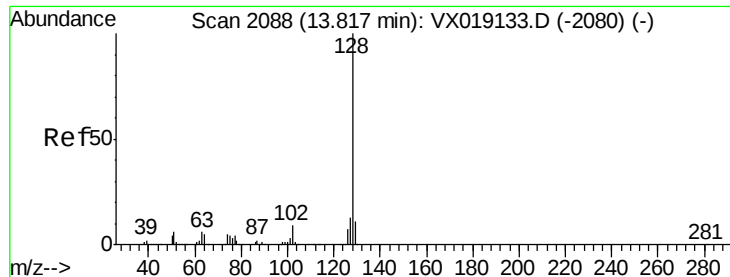
MMDadoda
 10/30/2020 12:00:36 PM



#94
 Hexachlorobutadiene
 Concen: 50.296 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX019189.D
 Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105363		
223	59.9	32.4	97.2	
227	60.7	31.6	94.7	





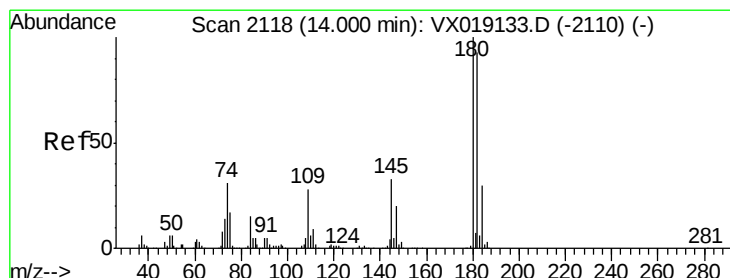
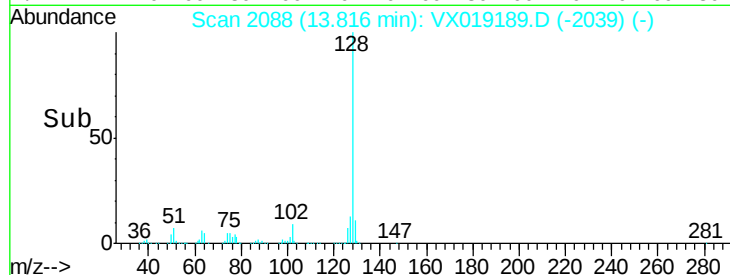
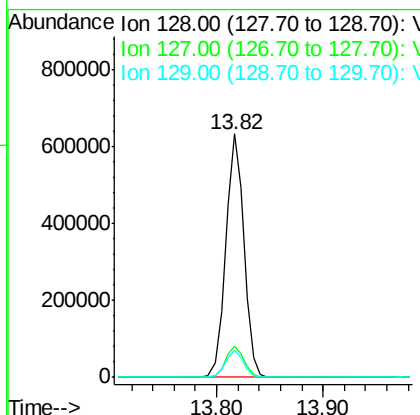
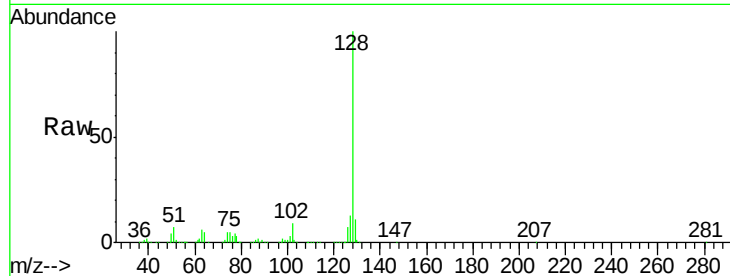
#95
Naphthalene
Concen: 50.273 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.187 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019189.D
Acq: 29 Oct 2020 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.8	143.3
145	33.2	16.5	49.5

