

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019720.D
 Acq On : 04 Dec 2020 16:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:52:55 AM

Quant Time: Dec 05 04:18:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	345970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	555745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	517922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211636	46.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.08%
35) Dibromofluoromethane	5.46	113	175366	48.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.66%
50) Toluene-d8	8.70	98	683148	49.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.64%
62) 4-Bromofluorobenzene	11.12	95	263944	50.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.14%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	165633	52.291	ug/l	98
3) Chloromethane	1.31	50	176638	47.418	ug/l	98
4) Vinyl Chloride	1.39	62	196985	50.151	ug/l	100
5) Bromomethane	1.62	94	65916	50.541	ug/l	99
6) Chloroethane	1.70	64	121756	51.602	ug/l	99
7) Trichlorofluoromethane	1.91	101	270504	49.451	ug/l	98
8) Diethyl Ether	2.17	74	113641	49.024	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	161588	51.537	ug/l	99
10) Methyl Iodide	2.49	142	231544	50.101	ug/l	100
11) Tert butyl alcohol	3.01	59	230012	246.011	ug/l	99
12) 1,1-Dichloroethene	2.36	96	159824	50.420	ug/l	98
13) Acrolein	2.27	56	113697	226.529	ug/l	100
14) Allyl chloride	2.70	41	265859	49.660	ug/l	100
15) Acrylonitrile	3.11	53	509757	247.984	ug/l	100
16) Acetone	2.42	43	415199	242.931	ug/l	99
17) Carbon Disulfide	2.54	76	439931	48.369	ug/l	100
18) Methyl Acetate	2.75	43	208607	49.877	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	583913	50.582	ug/l	100
20) Methylene Chloride	2.83	84	202538	51.964	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	184236	49.853	ug/l	100
22) Diisopropyl ether	3.82	45	548040	50.631	ug/l	98
23) Vinyl Acetate	3.78	43	2354906	255.366	ug/l	100
24) 1,1-Dichloroethane	3.67	63	323555	49.570	ug/l	100
25) 2-Butanone	4.63	43	651704	248.150	ug/l	100
26) 2,2-Dichloropropane	4.54	77	282596	50.274	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	213630	49.397	ug/l	99
28) Bromochloromethane	4.98	49	153512	49.335	ug/l	100
29) Tetrahydrofuran	5.08	42	418246	247.182	ug/l	100
30) Chloroform	5.17	83	332933	49.606	ug/l	99
31) Cyclohexane	5.54	56	285655	50.503	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	288487	49.913	ug/l	100
36) 1,1-Dichloropropene	5.76	75	252181	50.216	ug/l	100
37) Ethyl Acetate	4.79	43	251975	49.695	ug/l	99
38) Carbon Tetrachloride	5.75	117	249854	50.807	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302467	51.264	ug/l	98
40) Benzene	6.11	78	764863	49.859	ug/l	100
41) Methacrylonitrile	5.00	41	137105	49.249	ug/l	98
42) 1,2-Dichloroethane	6.16	62	264063	50.381	ug/l	100
43) Isopropyl Acetate	6.41	43	411842	49.960	ug/l	100
44) Trichloroethene	7.18	130	201203	49.989	ug/l	100
45) 1,2-Dichloropropane	7.49	63	193000	50.339	ug/l	98
46) Dibromomethane	7.63	93	130335	50.339	ug/l	99
47) Bromodichloromethane	7.87	83	262347	51.063	ug/l	100
48) Methyl methacrylate	7.74	41	204639	50.475	ug/l	100
49) 1,4-Dioxane	7.71	88	100837	1026.720	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1290007	256.313	ug/l	100
52) Toluene	8.76	92	486170	50.672	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	296061	51.929	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	323233	52.186	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	193540	50.056	ug/l	99
56) Ethyl methacrylate	9.16	69	309616	52.928	ug/l	98
57) 1,3-Dichloropropane	9.35	76	329569	49.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	795766	256.782	ug/l	99
59) 2-Hexanone	9.47	43	1016001	260.434	ug/l	100
60) Dibromochloromethane	9.56	129	205310	52.265	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208100	50.686	ug/l	98
64) Tetrachloroethene	9.32	164	171922	49.498	ug/l	97
65) Chlorobenzene	10.12	112	516802	50.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	187241	50.416	ug/l	98
67) Ethyl Benzene	10.23	91	938753	51.254	ug/l	100
68) m/p-Xylenes	10.34	106	710157	102.897	ug/l	99
69) o-Xylene	10.68	106	338003	50.912	ug/l	99
70) Styrene	10.70	104	588177	52.488	ug/l	100
71) Bromoform	10.84	173	149918	51.313	ug/l #	96
73) Isopropylbenzene	11.00	105	898345	50.016	ug/l	99
74) N-amyl acetate	10.88	43	372789	51.792	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	315545	49.830	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	295136m	50.054	ug/l	
77) Bromobenzene	11.24	156	227522	49.499	ug/l	99
78) n-propylbenzene	11.34	91	1056717	51.511	ug/l	100
79) 2-Chlorotoluene	11.40	91	640000	50.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	782833	51.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	109103	53.490	ug/l	99
82) 4-Chlorotoluene	11.49	91	752691	50.873	ug/l	99
83) tert-Butylbenzene	11.76	119	767724	51.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	798018	52.262	ug/l	100
85) sec-Butylbenzene	11.93	105	878707	51.768	ug/l	100
86) p-Isopropyltoluene	12.05	119	817502	52.552	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	416304	49.347	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	426905	49.684	ug/l	100
89) n-Butylbenzene	12.37	91	732864	53.174	ug/l	100
90) Hexachloroethane	12.58	117	140680	52.381	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	414742	50.432	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68551	50.357	ug/l	97

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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	278884	52.095	ug/l	98
94) Hexachlorobutadiene	13.77	225	116333	48.620	ug/l	98
95) Naphthalene	13.82	128	917149	52.845	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	267211	51.075	ug/l	99

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

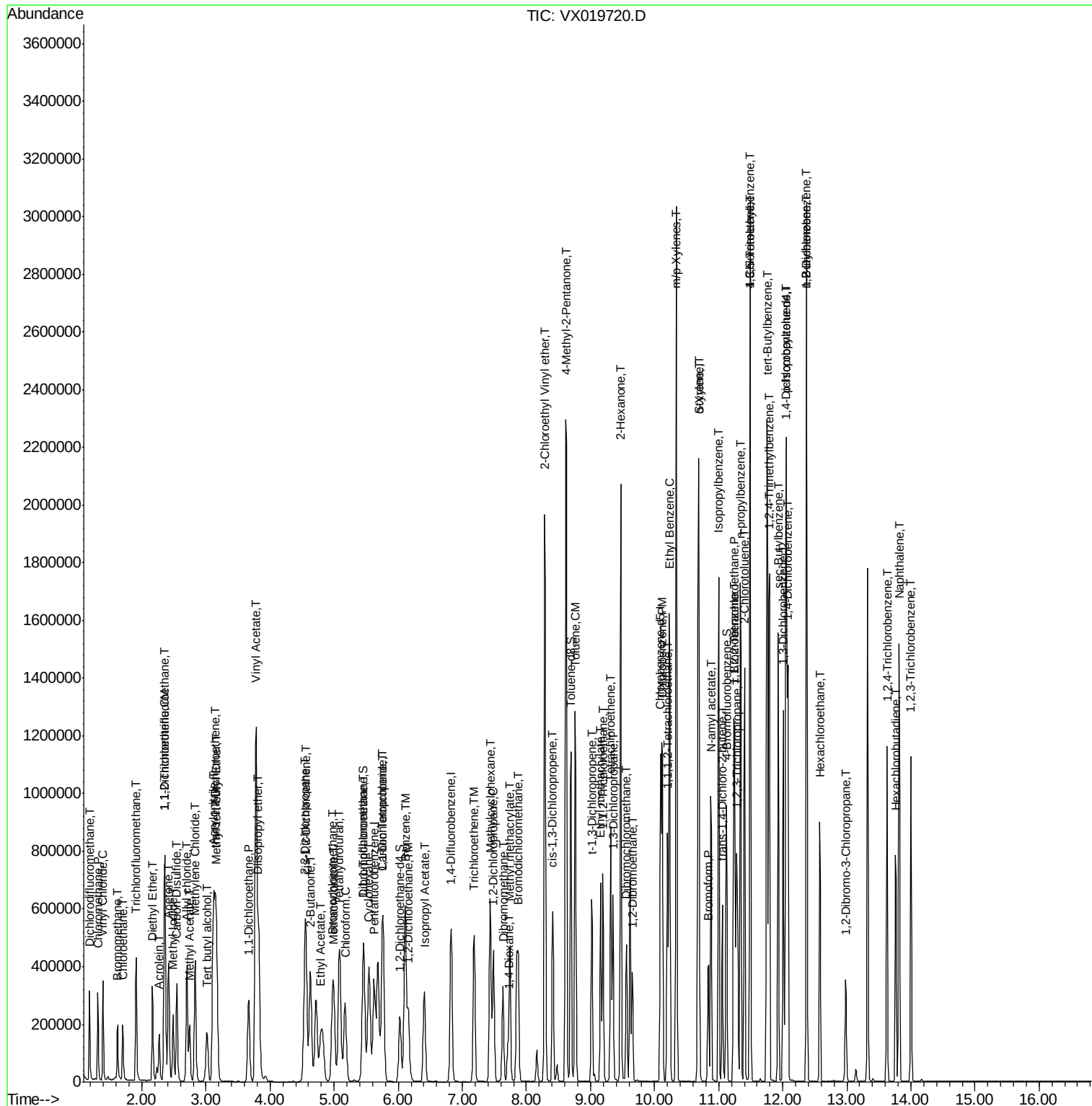
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Data File : VX019720.D
Acq On : 04 Dec 2020 16:33
Operator : JC/MD
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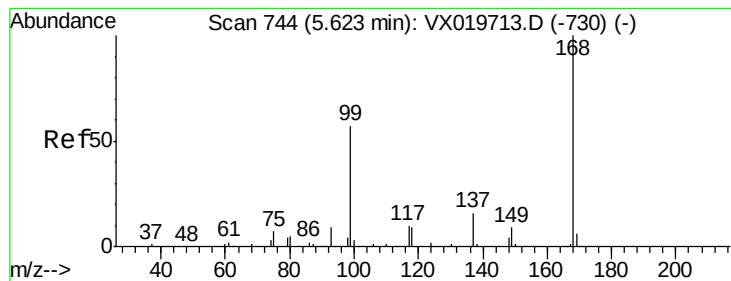
Instrument :
MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 345970

Ion Ratio Lower Upper

168 100

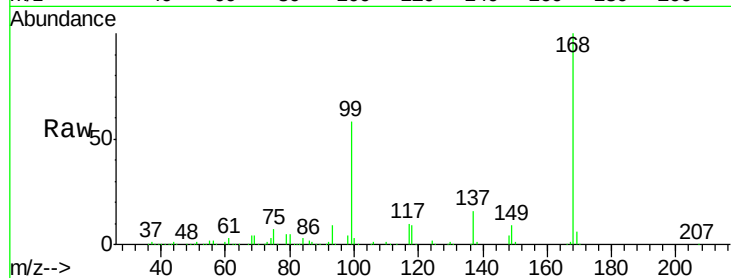
99 58.1 45.8 68.6

Manual Integrations

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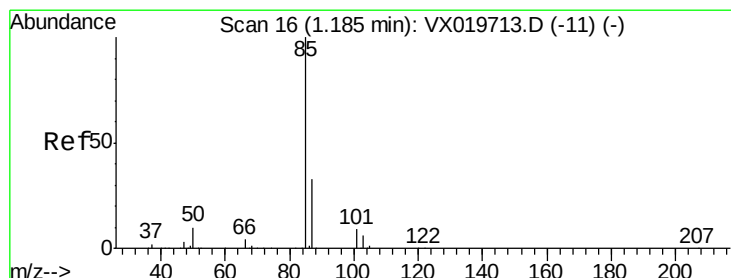
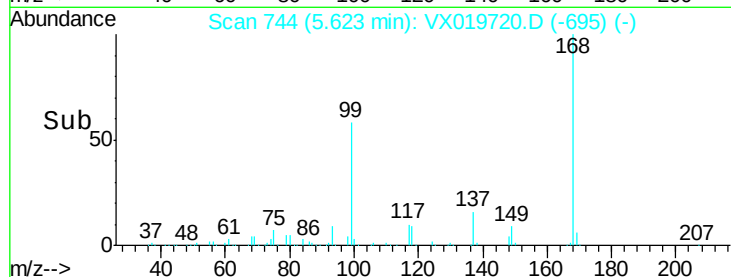
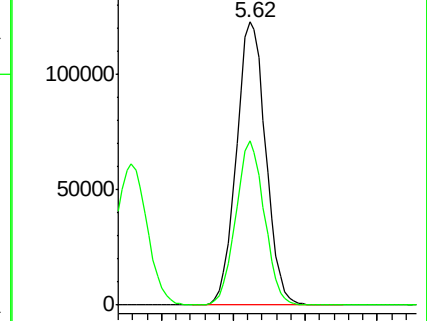
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.291 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019720.D

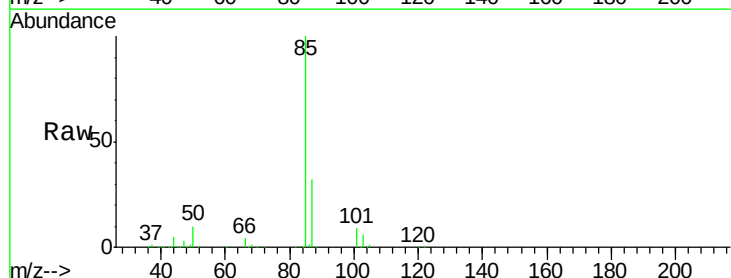
Acq: 04 Dec 2020 16:33

Tgt Ion: 85 Resp: 165633

Ion Ratio Lower Upper

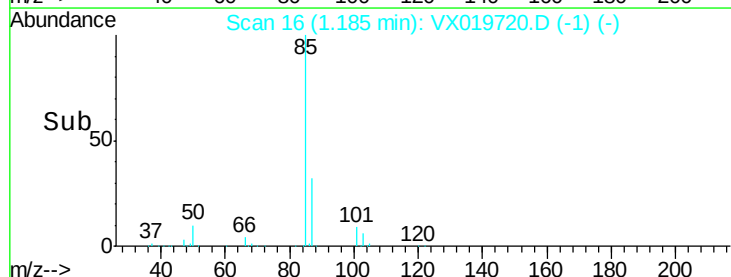
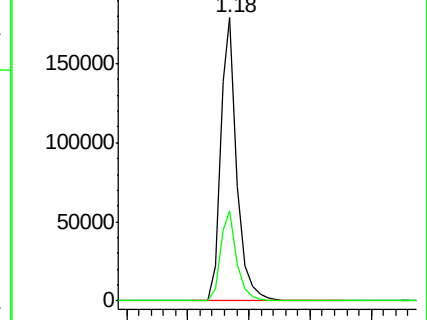
85 100

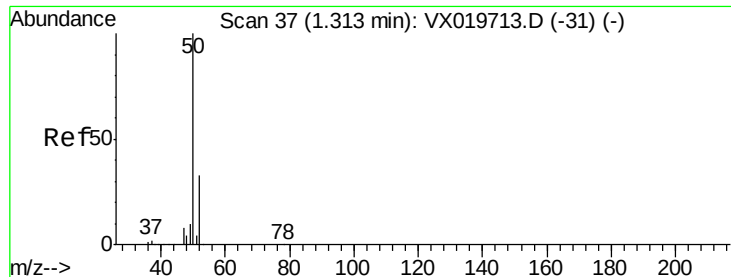
87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.418 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 176638

Ion Ratio Lower Upper

50 100

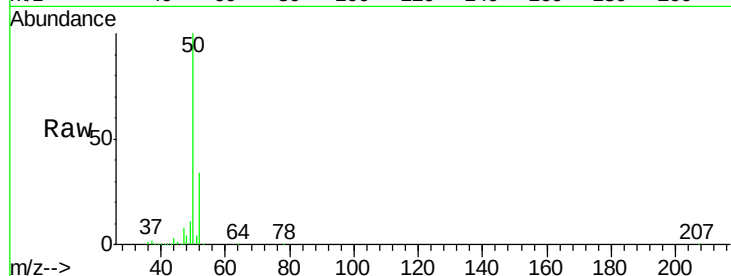
52 33.9 26.4 39.6

Manual Integrations

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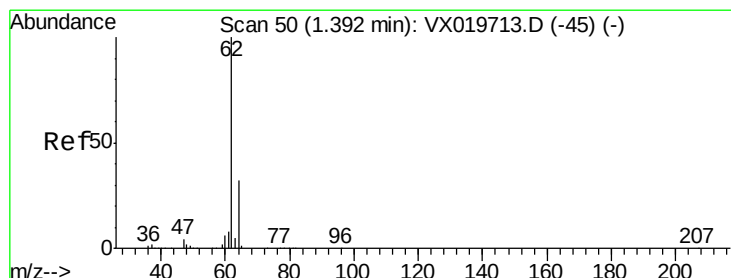
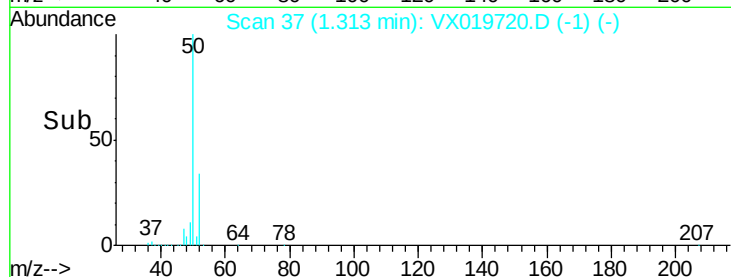
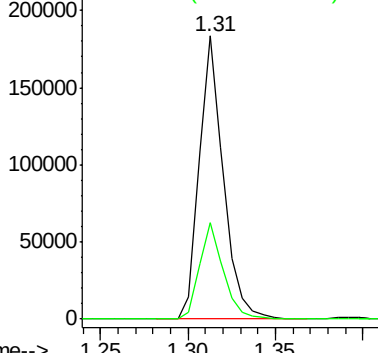
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.151 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019720.D

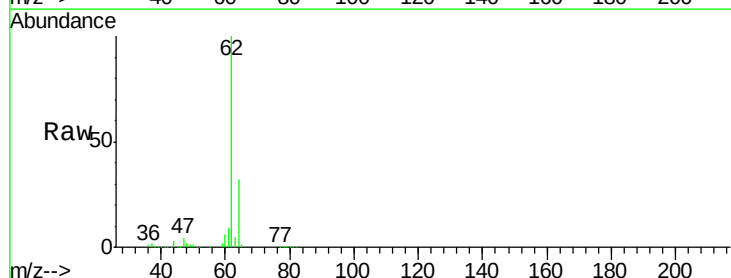
Acq: 04 Dec 2020 16:33

Tgt Ion: 62 Resp: 196985

Ion Ratio Lower Upper

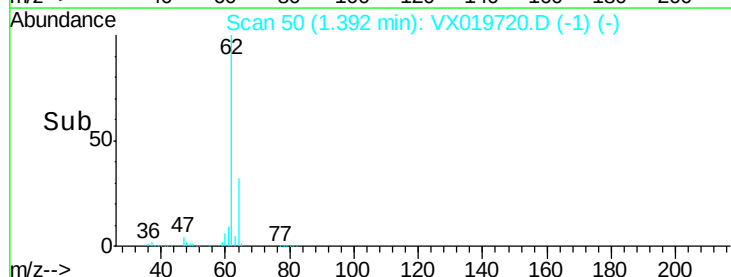
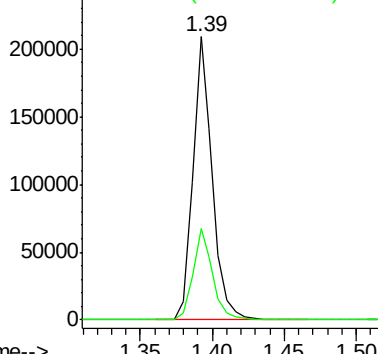
62 100

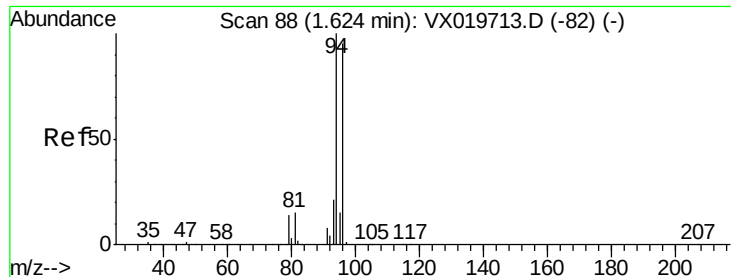
64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.541 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 65916

Ion Ratio Lower Upper

94 100

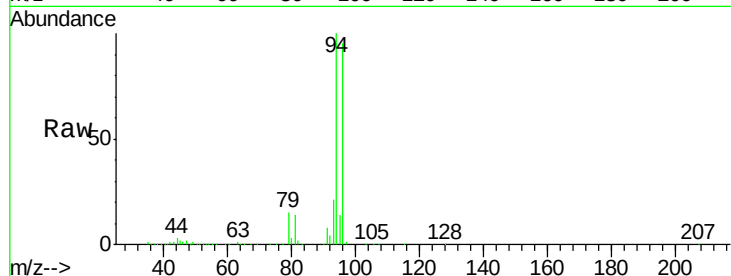
96 94.6 76.4 114.6

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

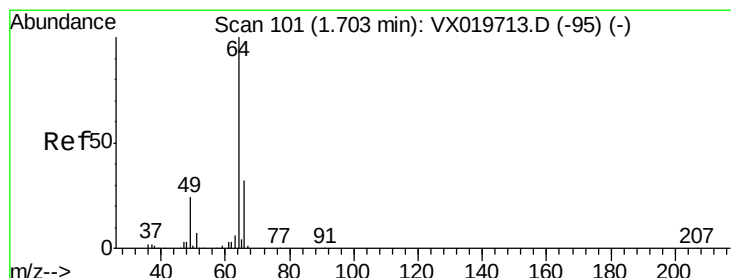
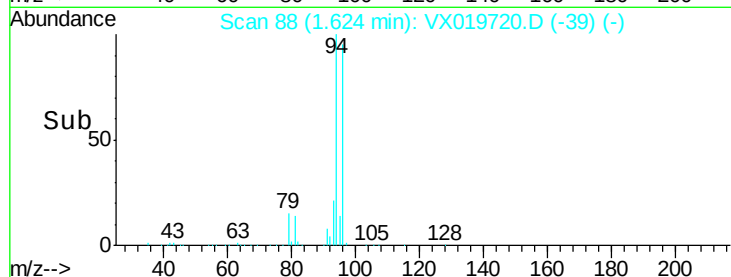
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 51.602 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019720.D

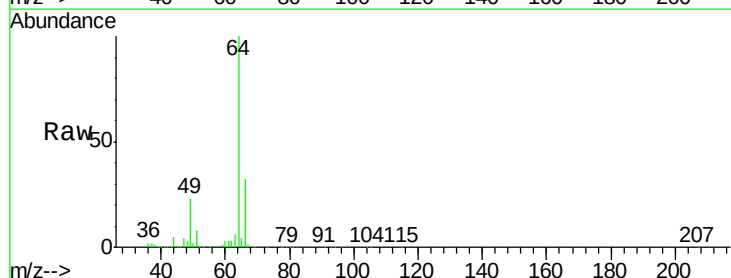
Acq: 04 Dec 2020 16:33

Tgt Ion: 64 Resp: 121756

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

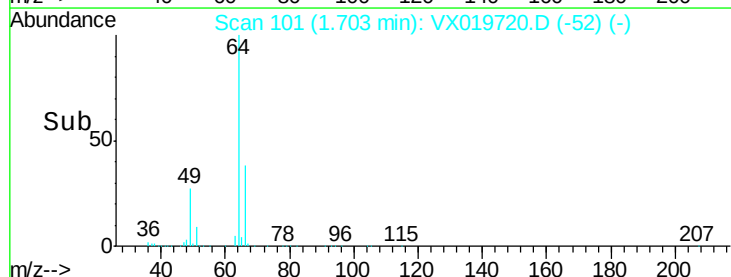
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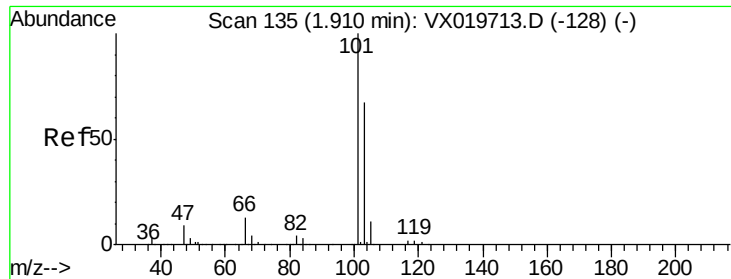
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20000

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Time-->





#7

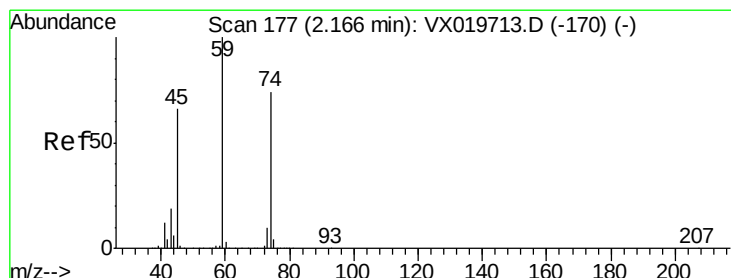
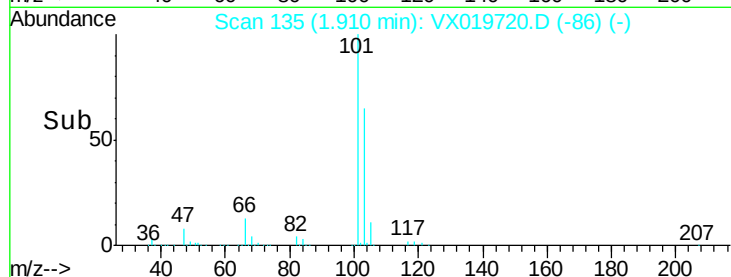
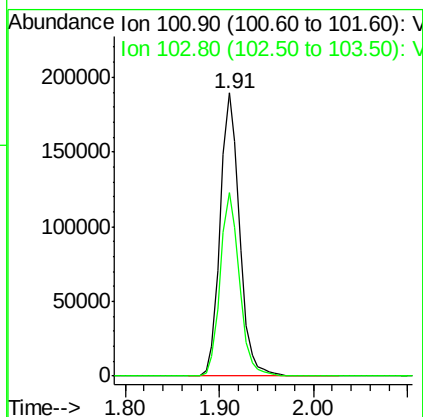
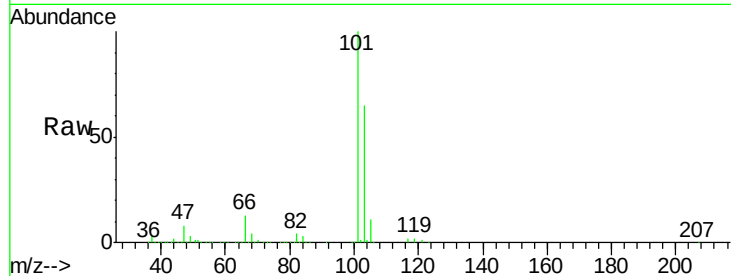
Trichlorofluoromethane
Concen: 49.451 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.2	79.8

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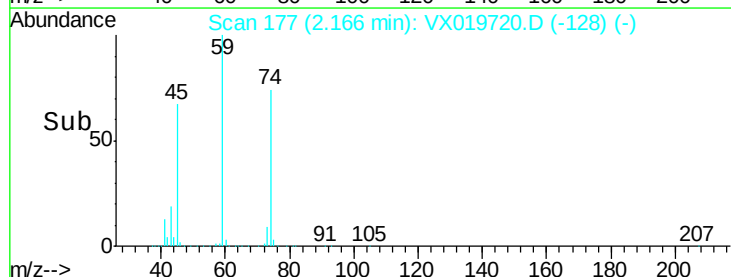
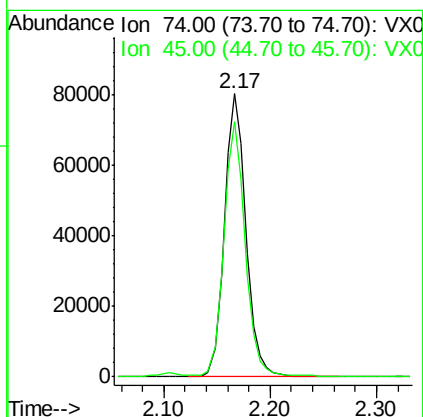
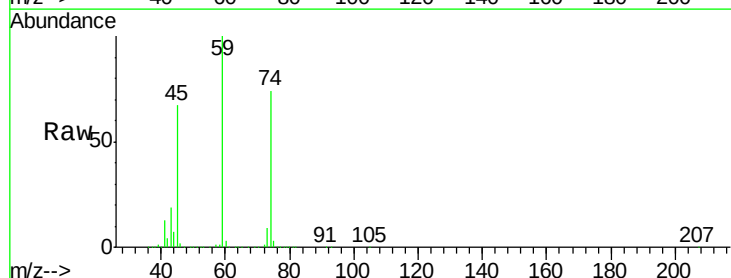
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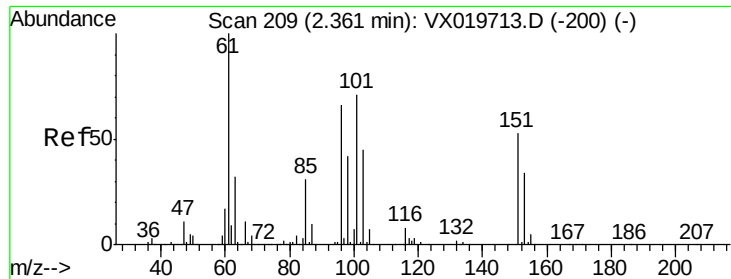


#8

Diethyl Ether
Concen: 49.024 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.2	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.537 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

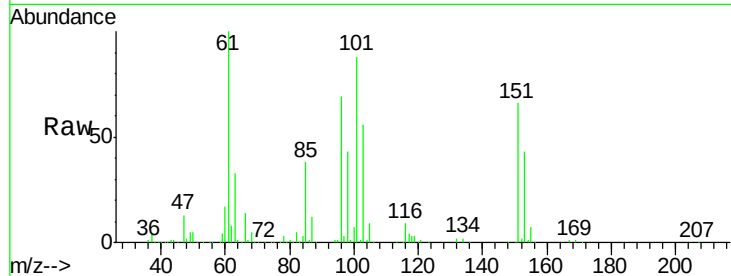
ClientSampled :

VSTDCCC050

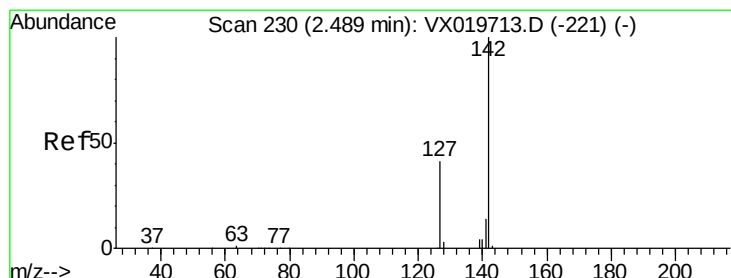
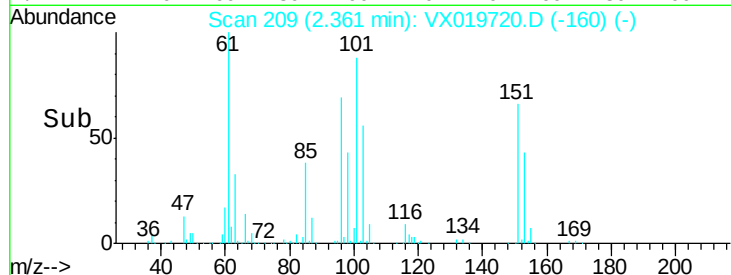
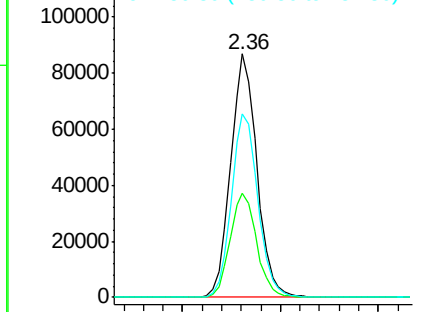
Tot Ion:	101	Resp:	161588
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.9	52.3
151	76.1	61.4	92.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.101 ug/l

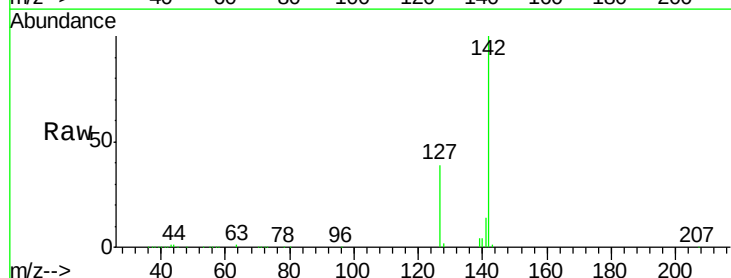
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

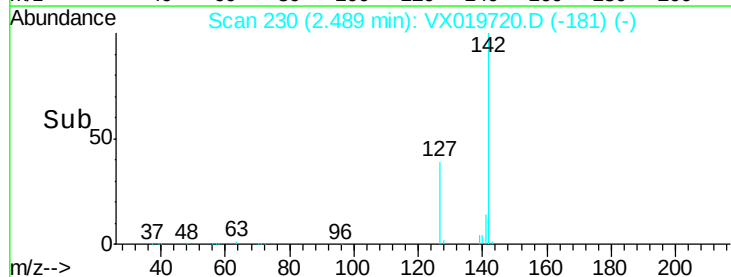
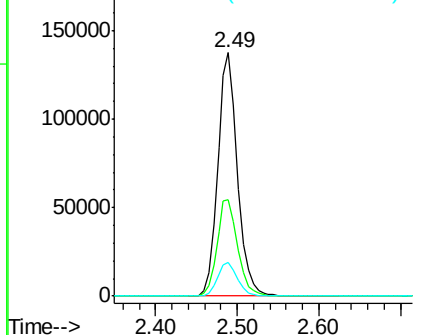
Lab File: VX019720.D

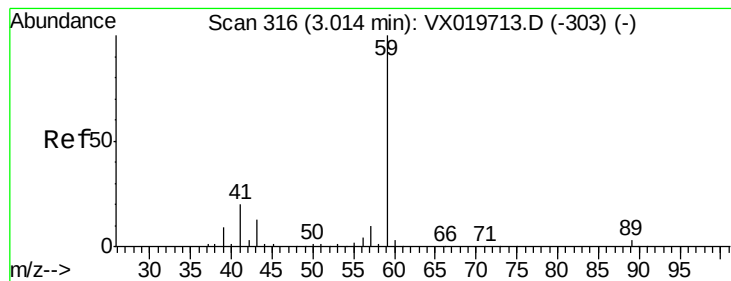
Acq: 04 Dec 2020 16:33

Tgt Ion:	142	Resp:	231544
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.3	49.9
141	14.1	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

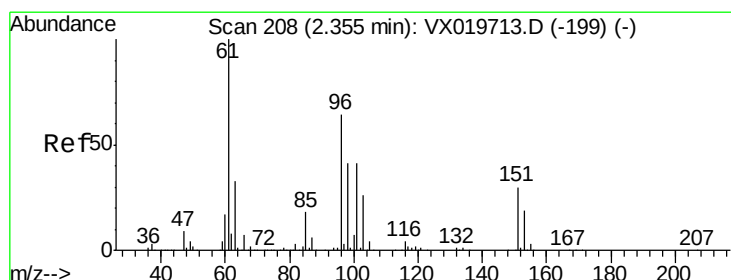
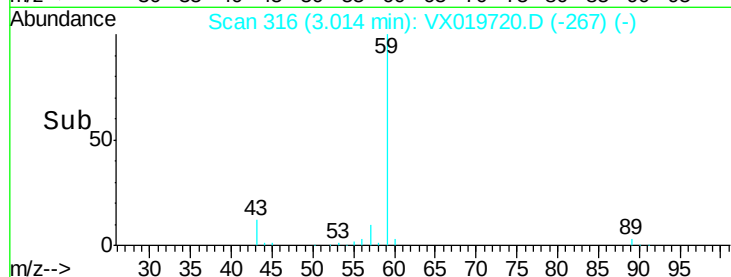
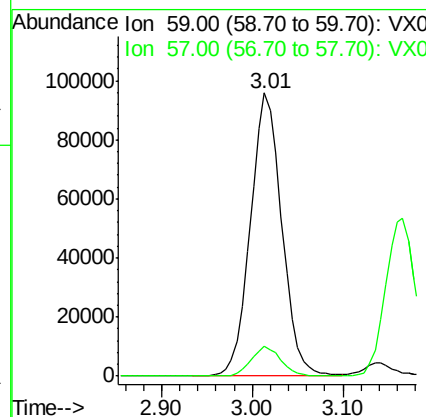
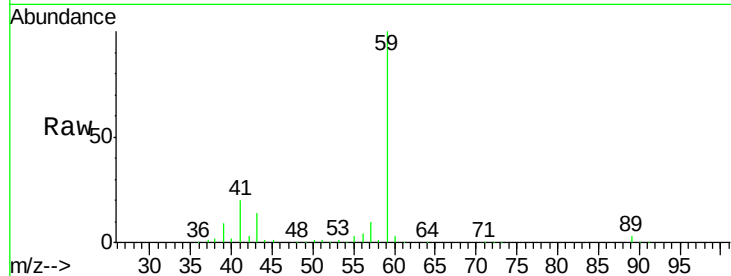
Tert butyl alcohol
Concen: 246.011 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8

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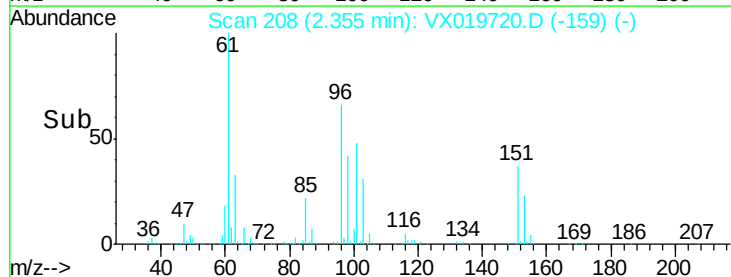
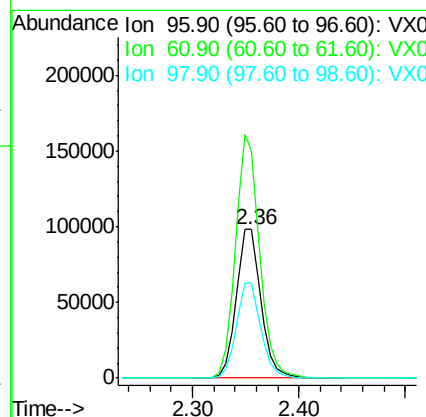
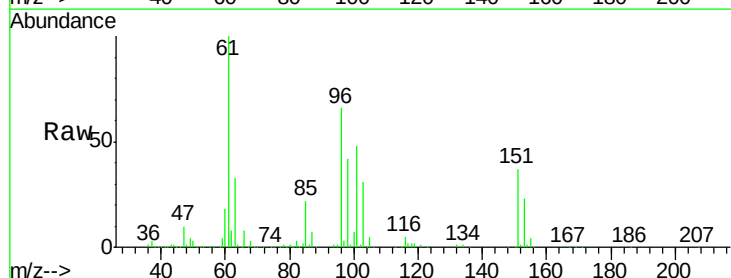
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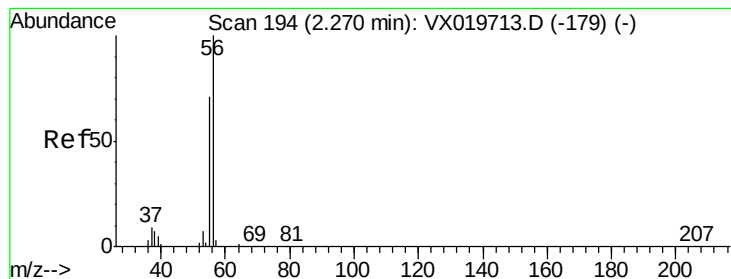


#12

1,1-Dichloroethene
Concen: 50.420 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.3	124.6	187.0
98	63.7	50.6	76.0





#13

Acrolein

Concen: 226.529 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 113697

Ion Ratio Lower Upper

56 100

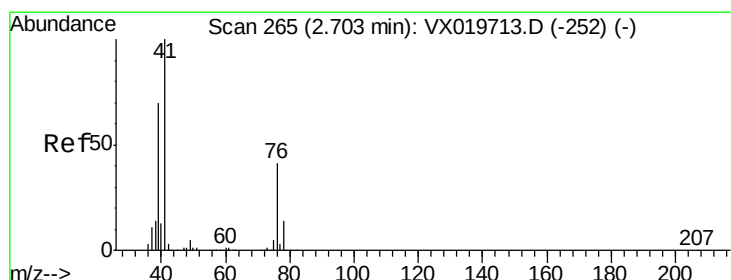
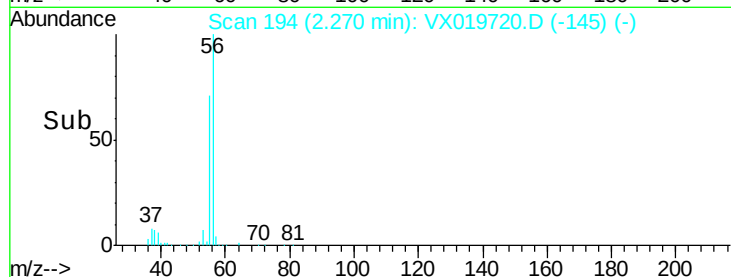
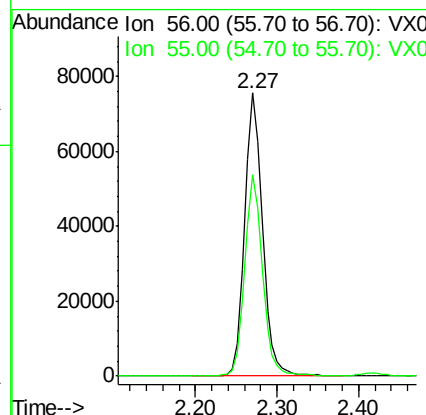
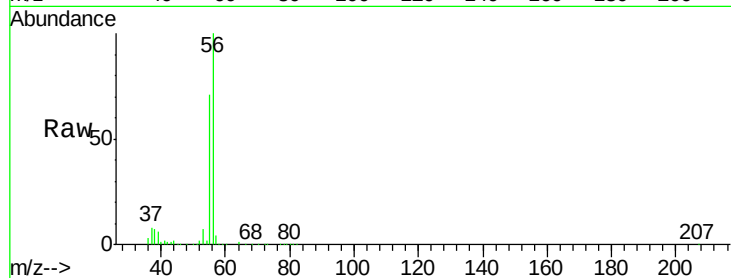
55 70.6 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 49.660 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

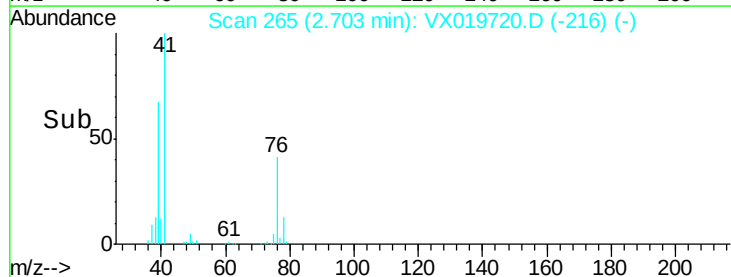
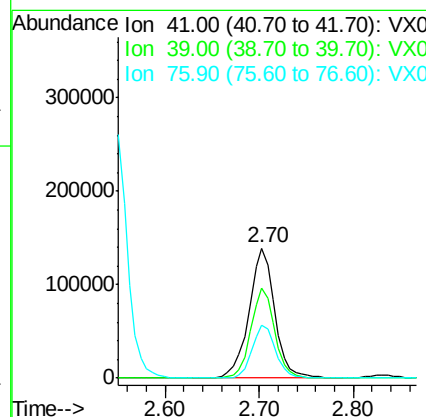
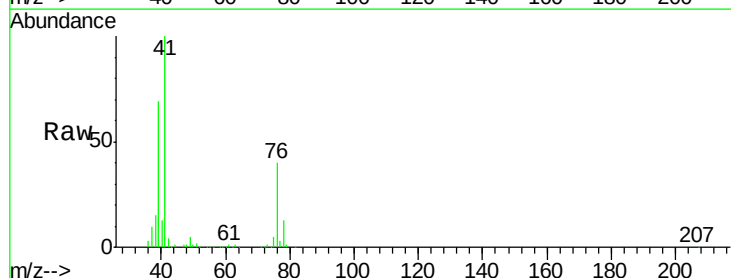
Tgt Ion: 41 Resp: 265859

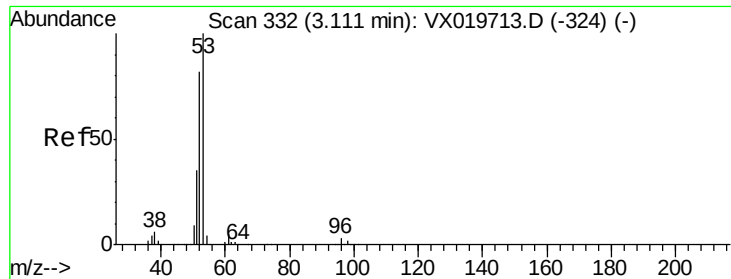
Ion Ratio Lower Upper

41 100

39 64.4 51.6 77.4

76 37.7 30.5 45.7





#15

Acrylonitrile

Concen: 247.984 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

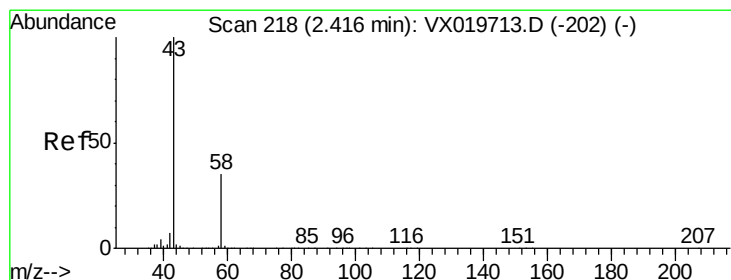
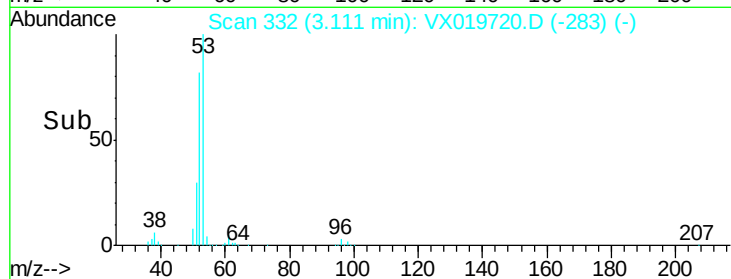
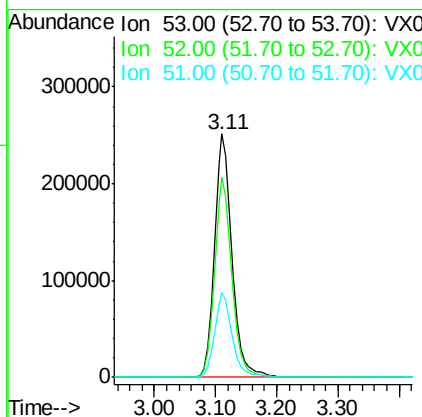
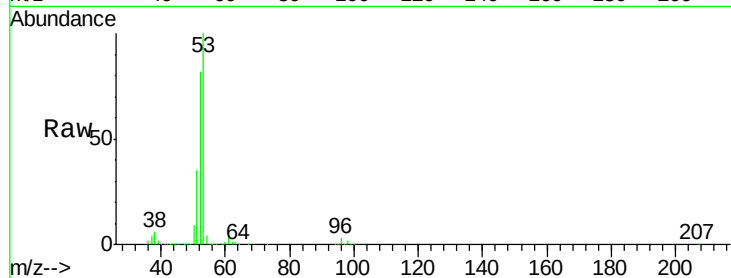
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	509757
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.3	97.9
51	34.9	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 242.931 ug/l

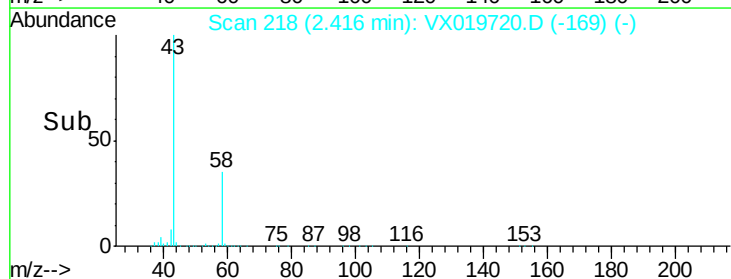
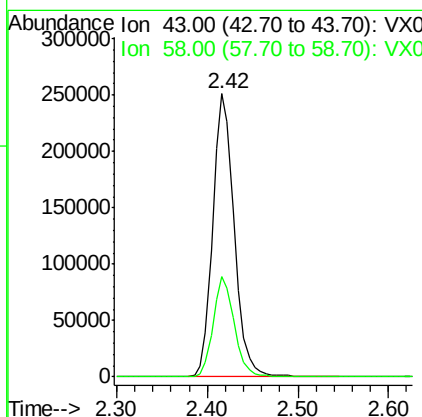
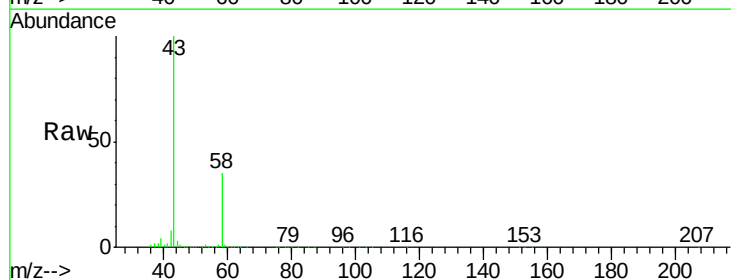
RT: 2.42 min Scan# 218

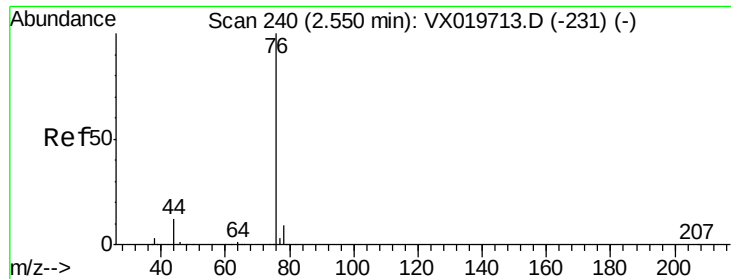
Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion:	43	Resp:	415199
Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.8	41.8





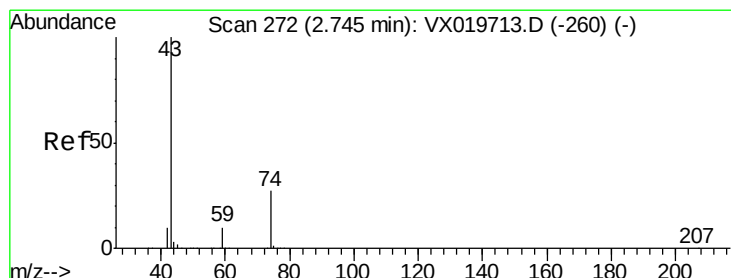
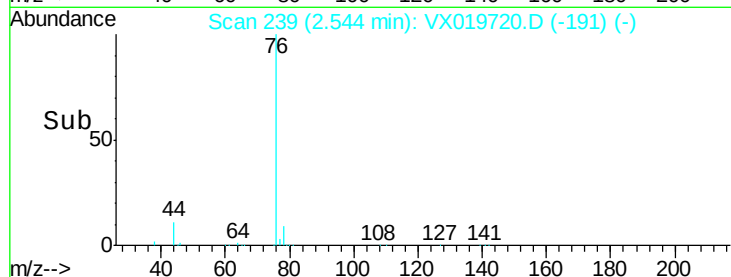
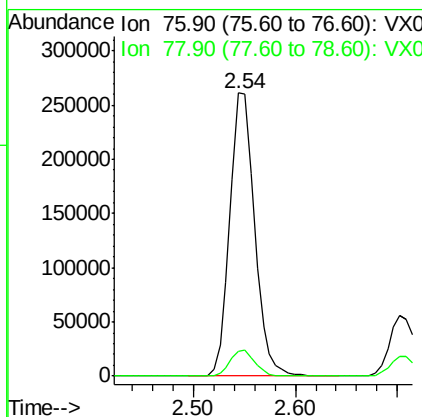
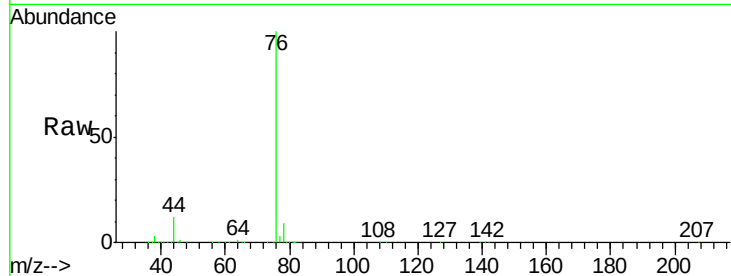
#17
Carbon Disulfide
Concen: 48.369 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

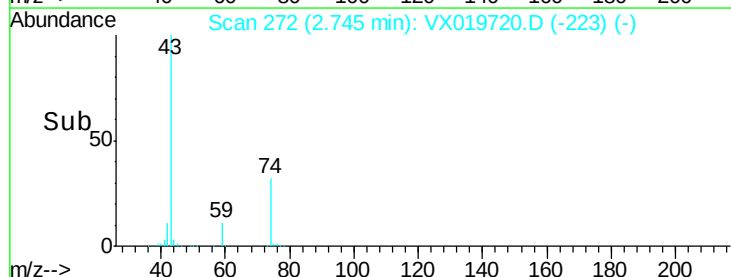
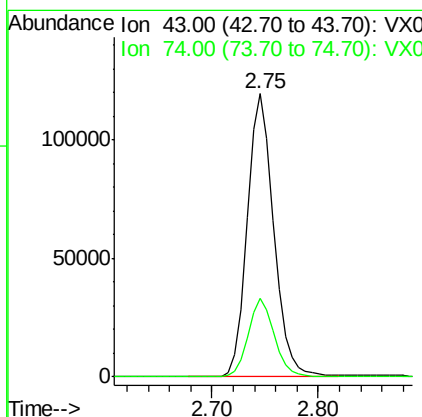
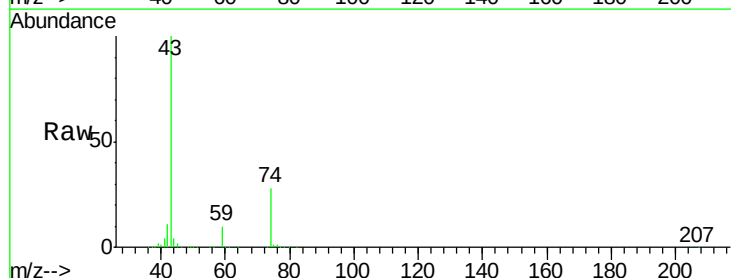
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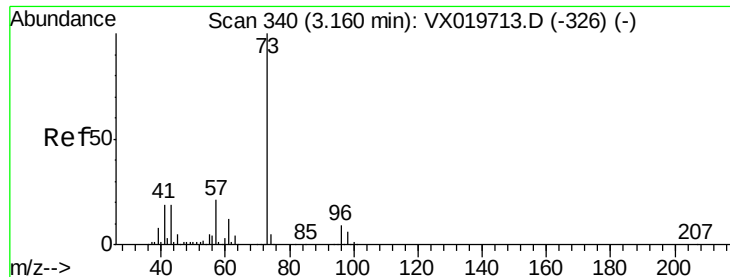
MMDadoda
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#18
Methyl Acetate
Concen: 49.877 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.9	32.9





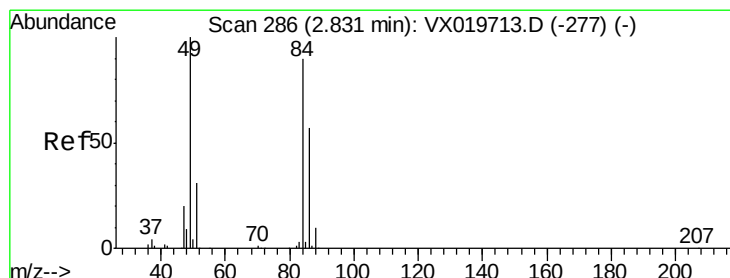
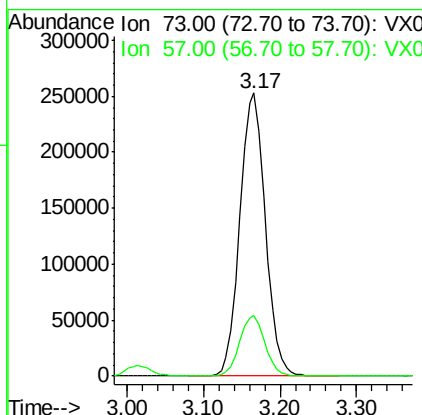
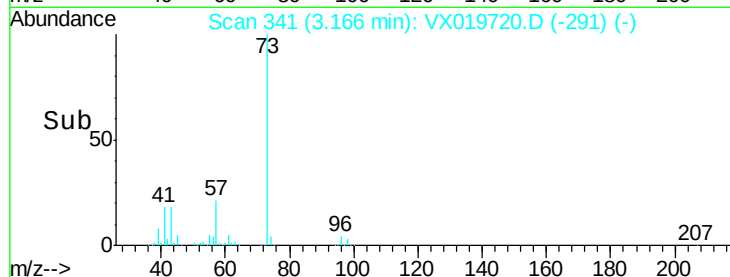
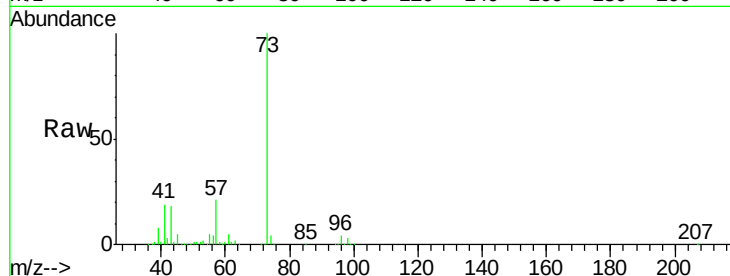
#19
Methyl tert-butyl Ether
Concen: 50.582 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.1	25.7

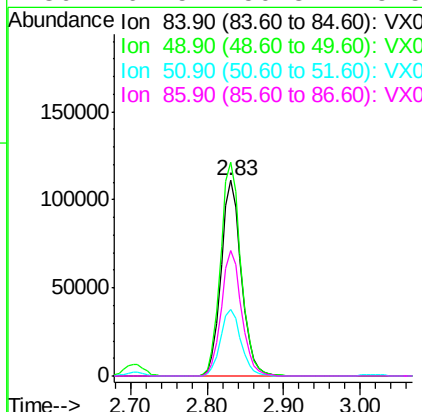
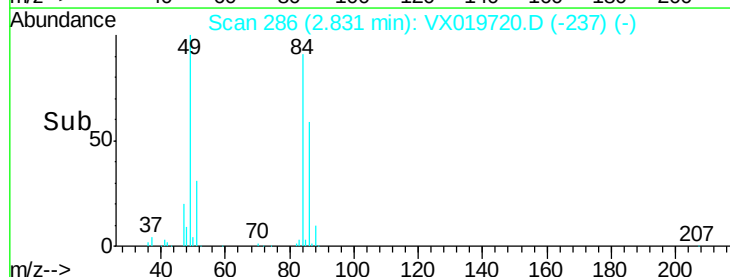
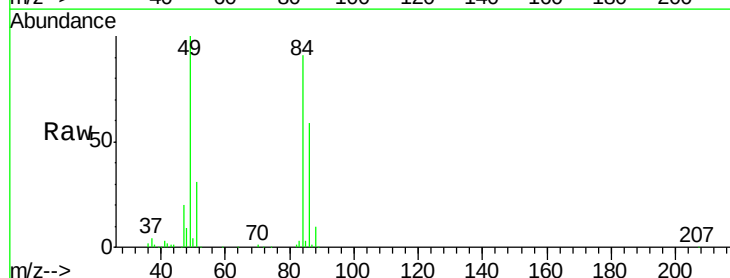
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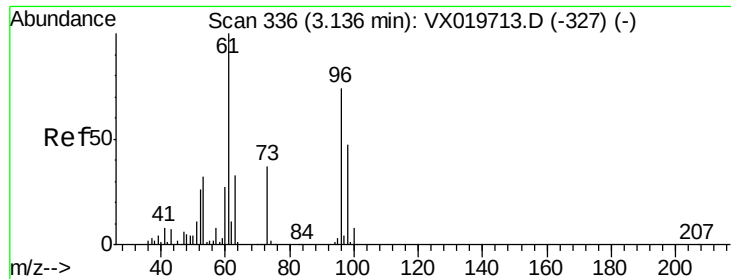
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#20
Methylene Chloride
Concen: 51.964 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.3	88.6	132.8
51	34.3	27.0	40.6
86	64.5	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 49.853 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

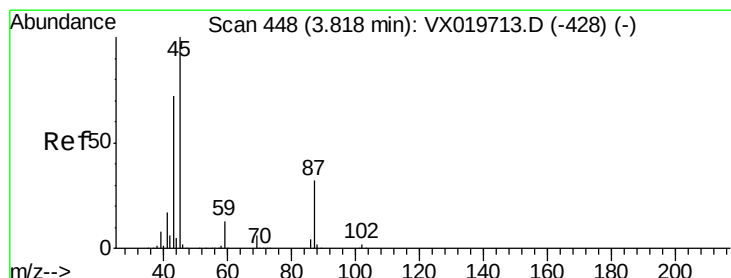
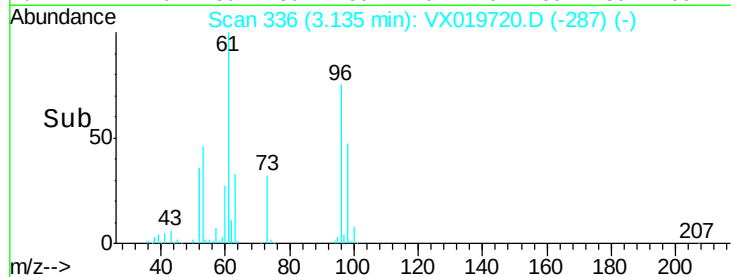
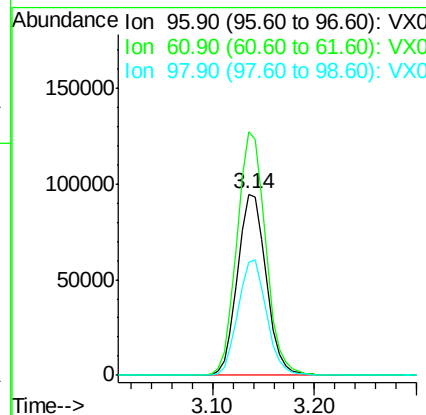
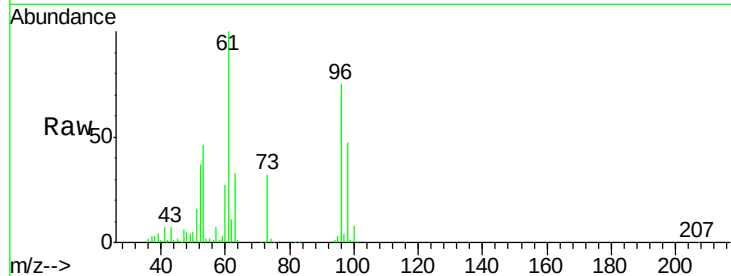
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	184236
Ion	Ratio	Lower	Upper
96	100		
61	134.2	107.7	161.5
98	62.6	50.4	75.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.631 ug/l

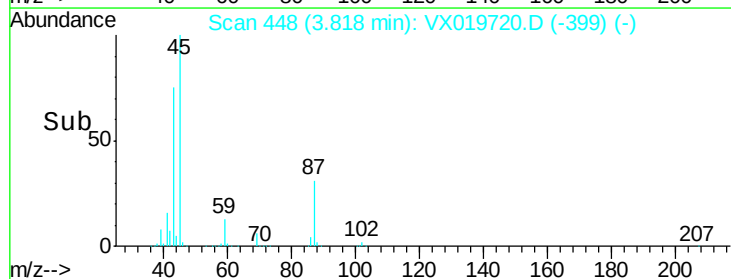
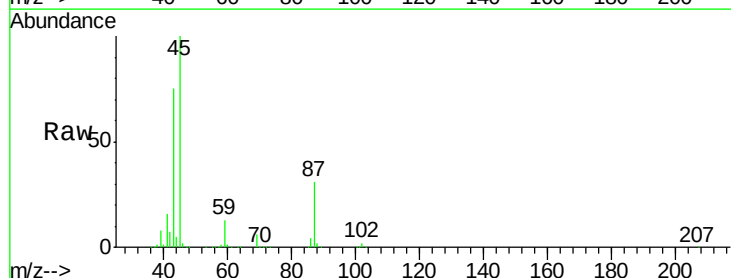
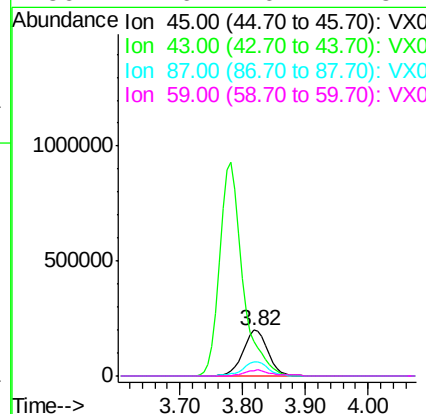
RT: 3.82 min Scan# 448

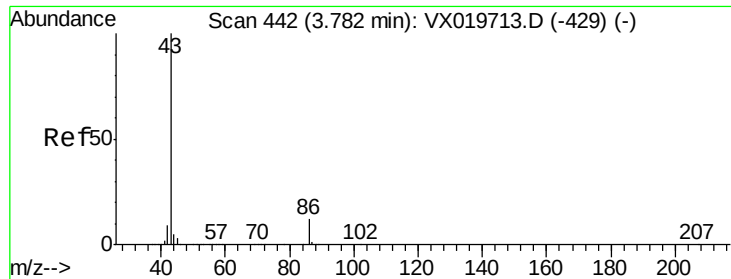
Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion:	45	Resp:	548040
Ion	Ratio	Lower	Upper
45	100		
43	75.2	58.0	87.0
87	31.2	25.4	38.0
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 255.366 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2354906

Ion Ratio Lower Upper

43 100

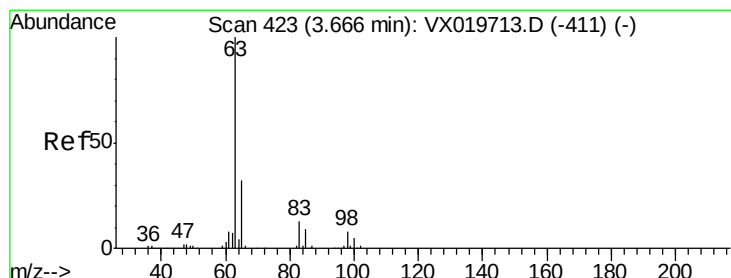
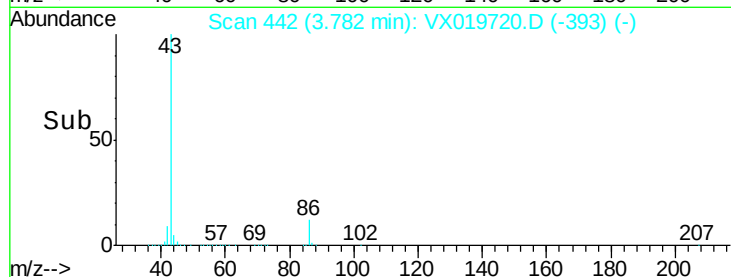
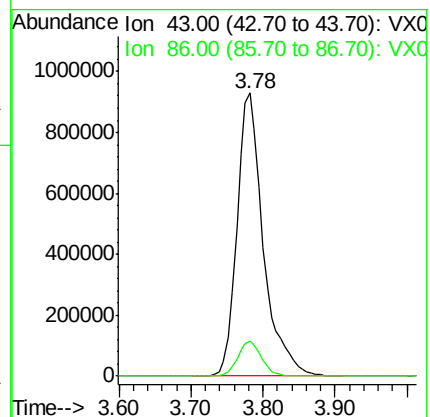
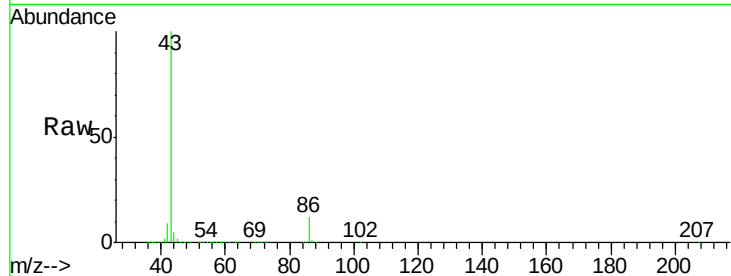
86 12.4 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.570 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

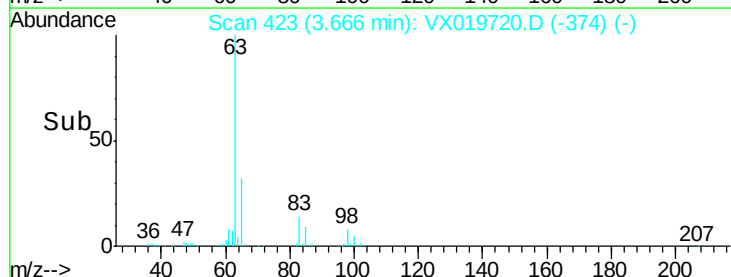
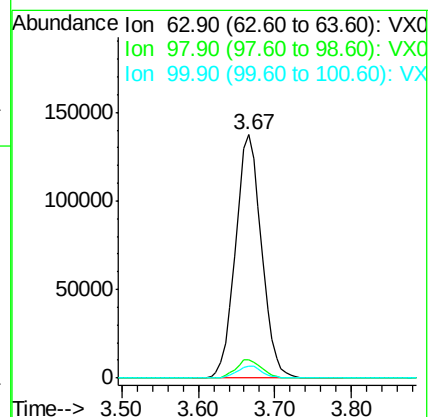
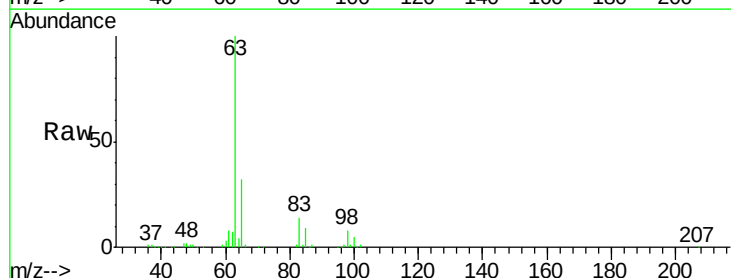
Tgt Ion: 63 Resp: 323555

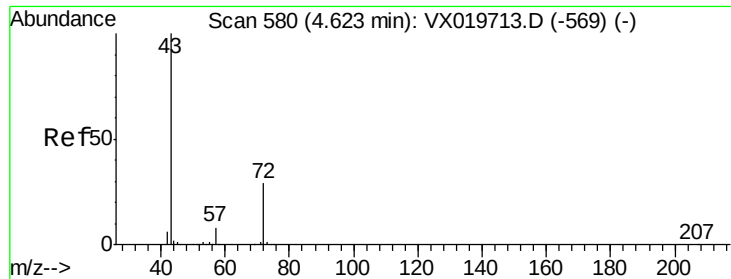
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 248.150 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 651704

Ion Ratio Lower Upper

43 100

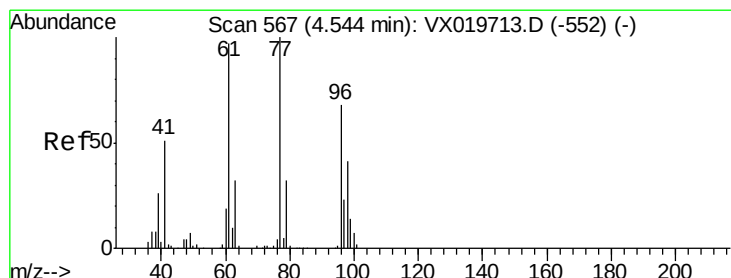
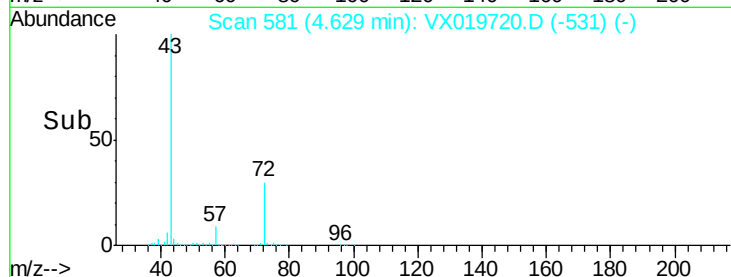
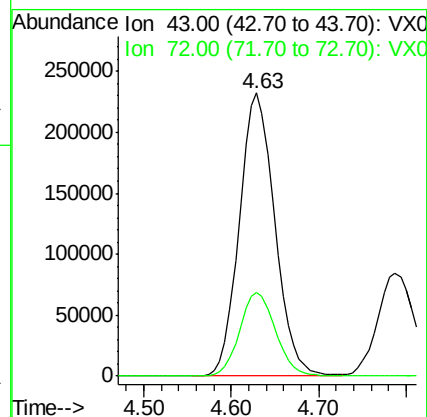
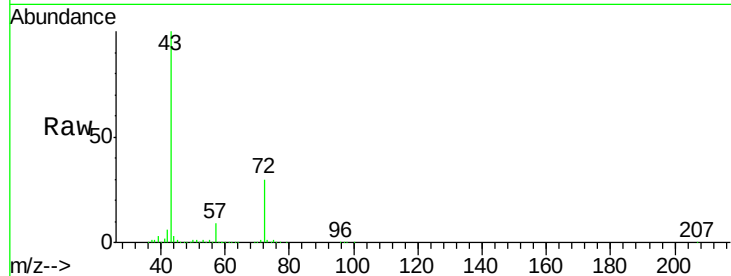
72 29.7 23.7 35.5

Manual Integrations

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12/7/2020 10:52:55 AM



#26

2,2-Dichloropropane

Concen: 50.274 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019720.D

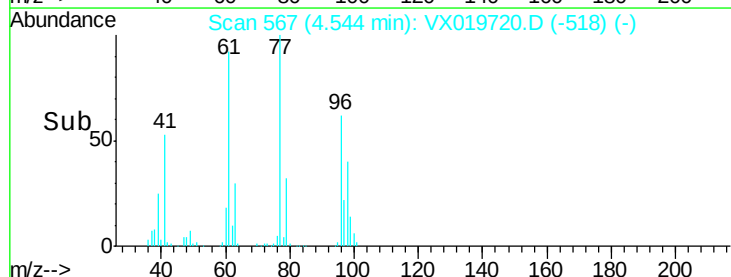
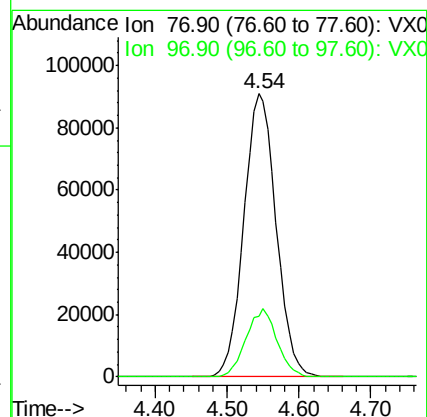
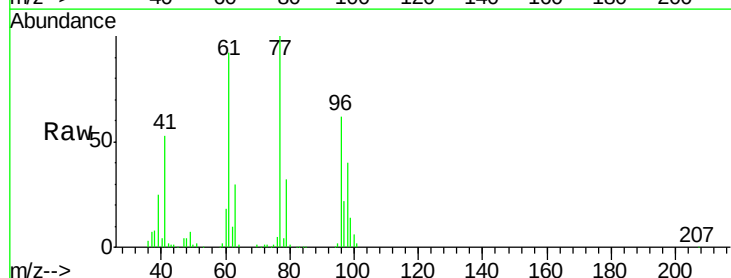
Acq: 04 Dec 2020 16:33

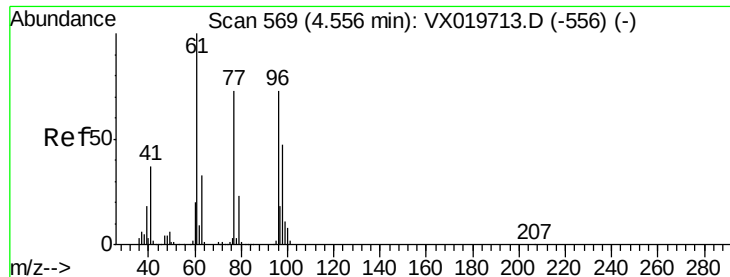
Tgt Ion: 77 Resp: 282596

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1





#27

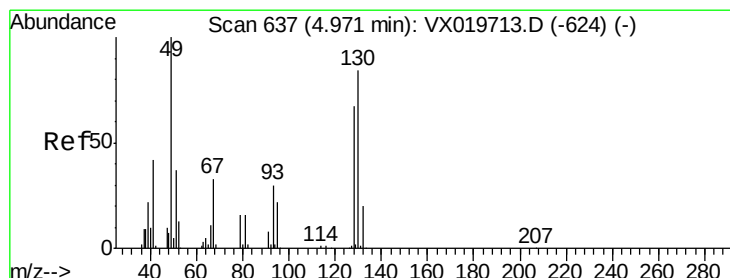
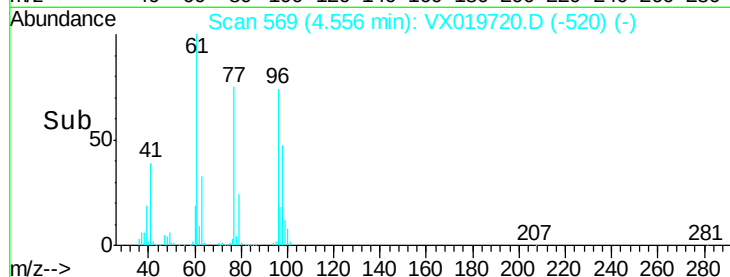
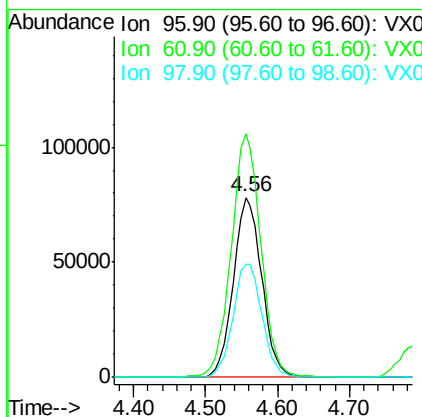
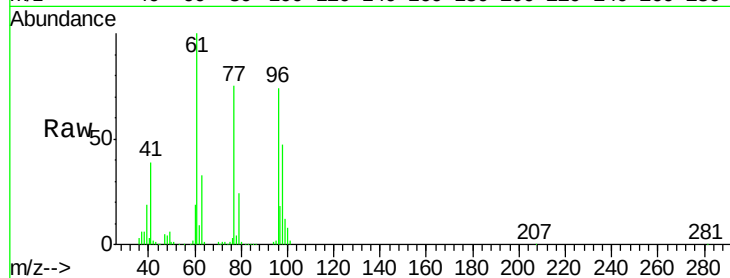
cis-1,2-Dichloroethene
Concen: 49.397 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	213630		
61	141.9	0.0	285.6	
98	64.6	0.0	129.6	

Manual Integrations
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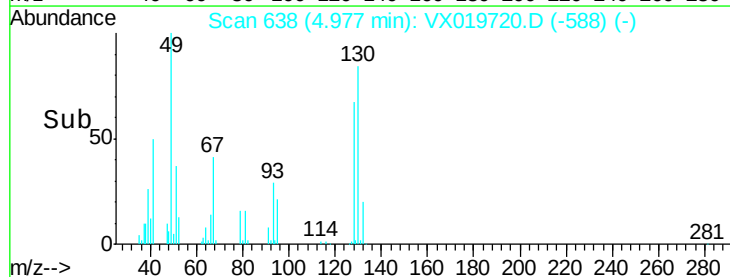
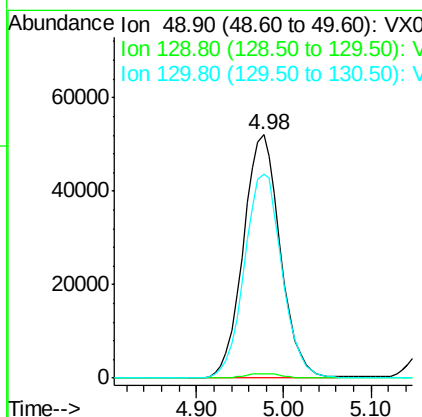
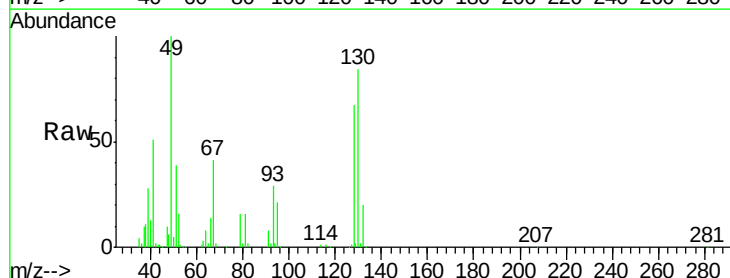
MMDadoda
12/7/2020 10:52:55 AM

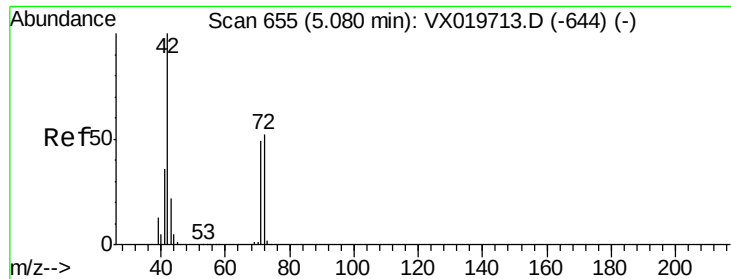


#28

Bromochloromethane
Concen: 49.335 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153512		
129	2.0	0.0	4.0	
130	85.5	68.2	102.2	





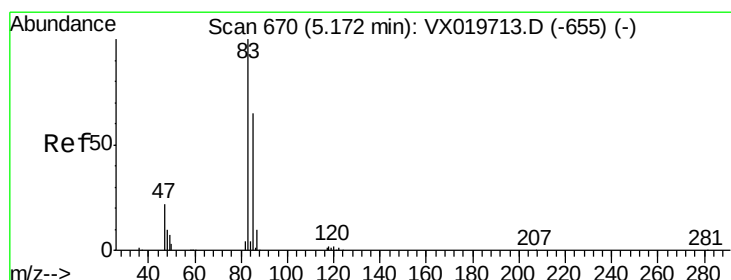
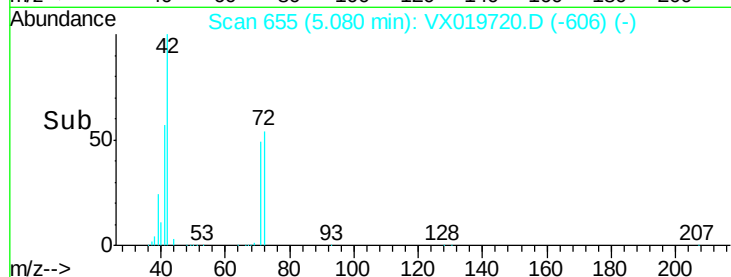
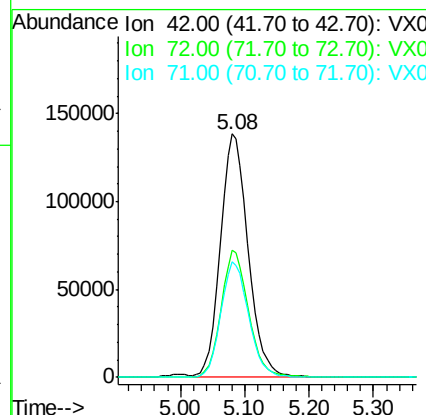
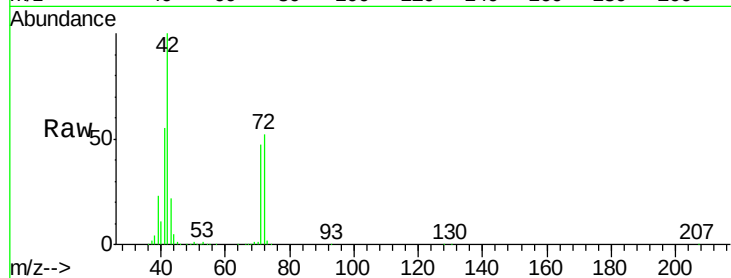
#29
Tetrahydrofuran
Concen: 247.182 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	41.7	62.5
71	47.7	38.4	57.6

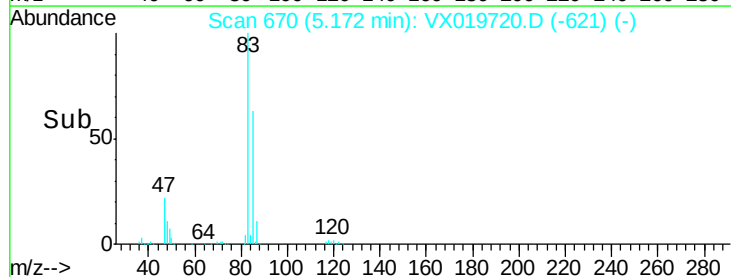
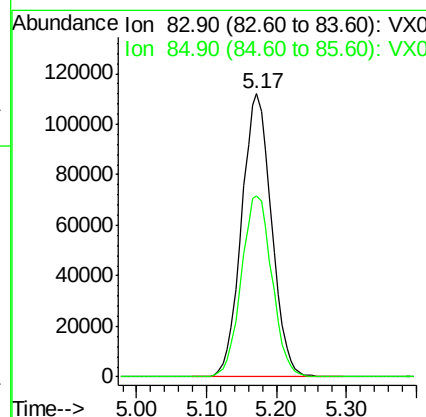
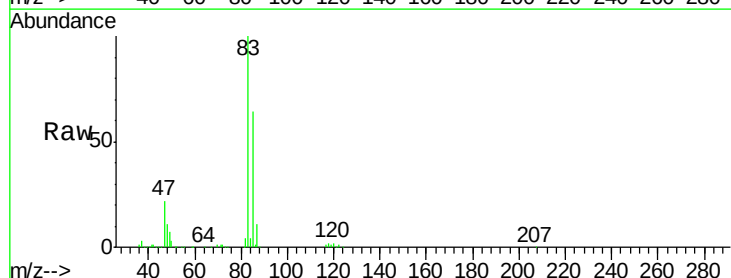
Manual Integrations
APPROVED

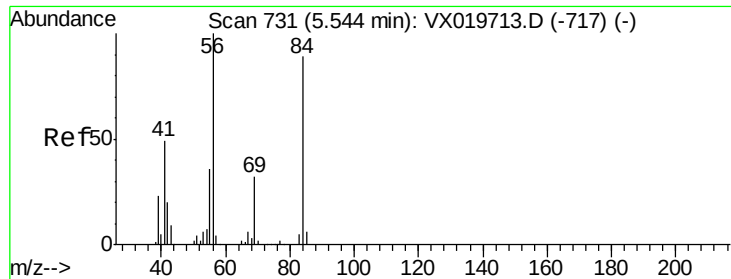
MMDadoda
12/7/2020 10:52:55 AM



#30
Chloroform
Concen: 49.606 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.0	78.0





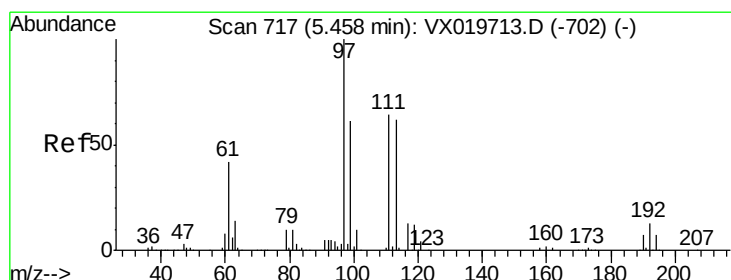
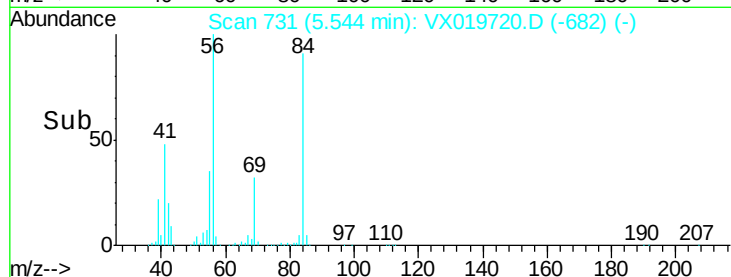
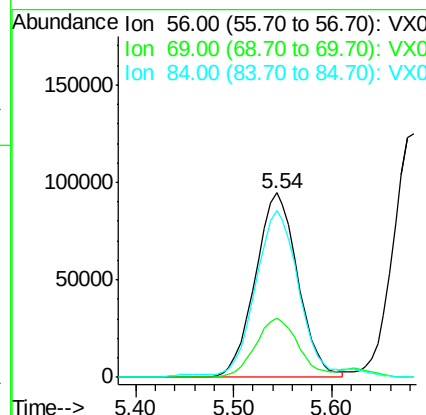
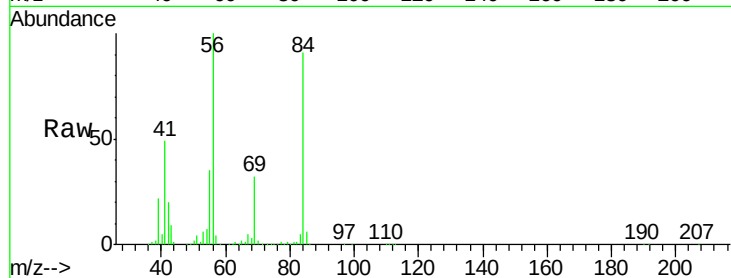
#31
Cyclohexane
Concen: 50.503 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.3	37.9
84	89.0	71.4	107.0

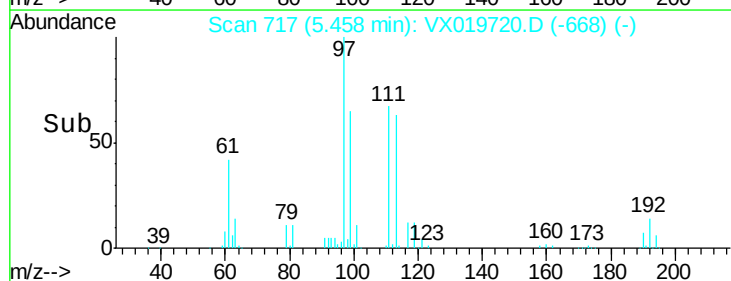
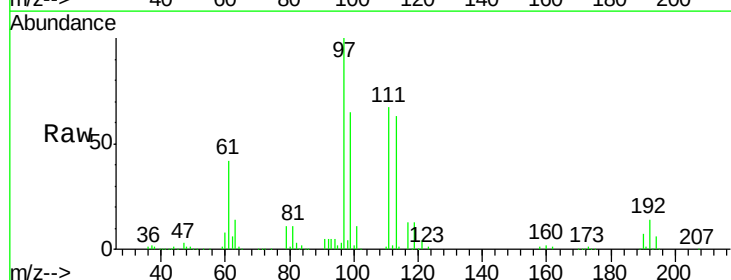
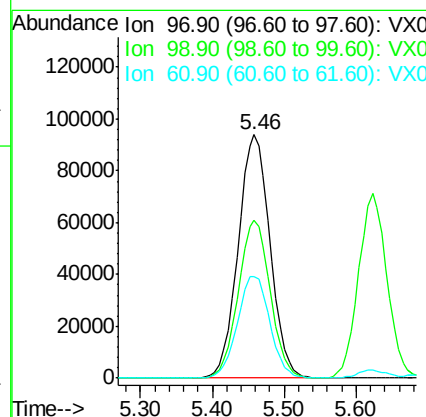
Manual Integrations
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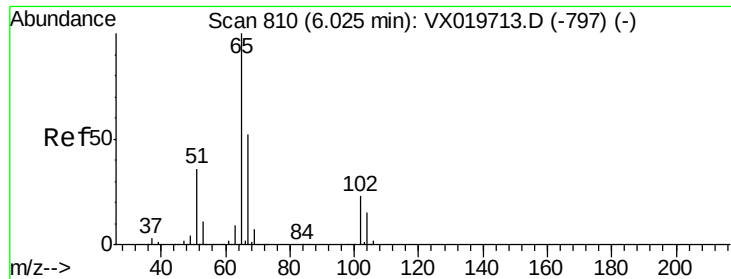
MMDadoda
12/7/2020 10:52:55 AM



#32
1,1,1-Trichloroethane
Concen: 49.913 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.5	77.3
61	42.7	34.2	51.4





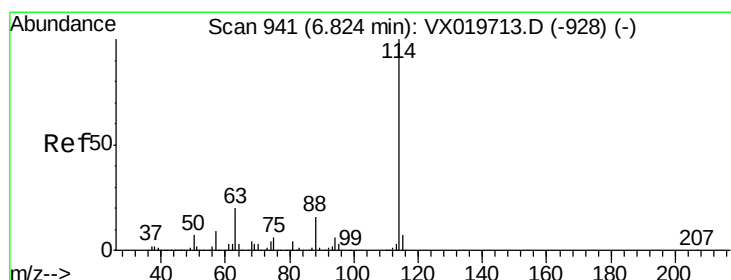
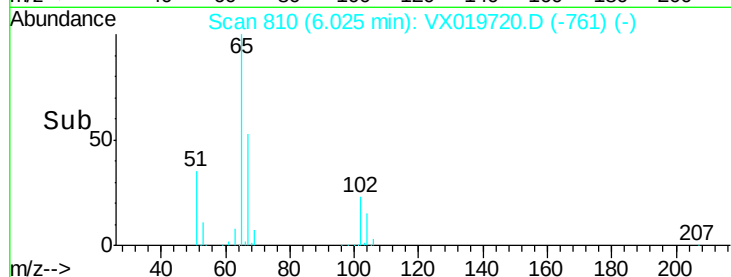
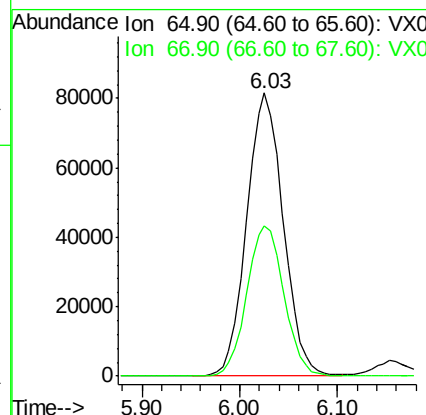
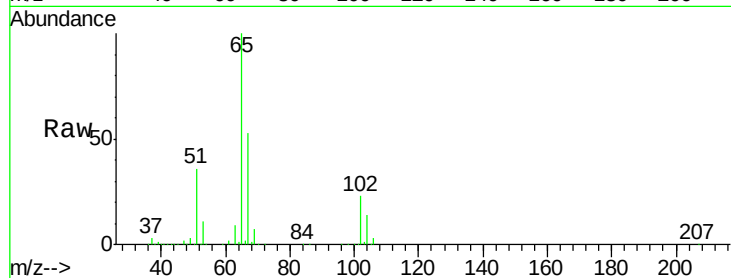
#33
 1,2-Dichloroethane-d4
 Concen: 46.543 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.4

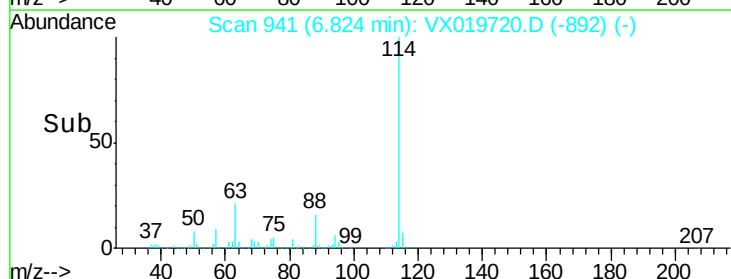
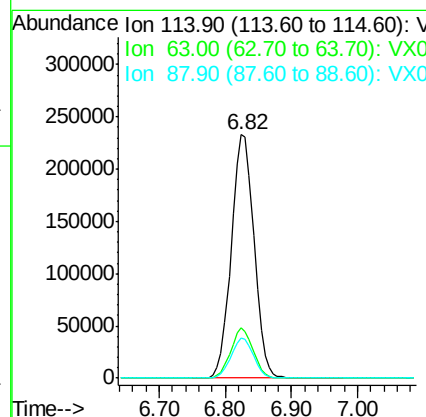
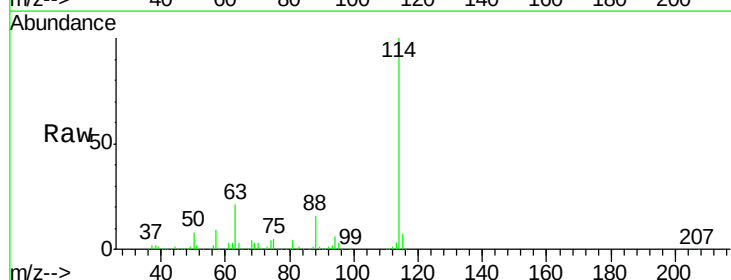
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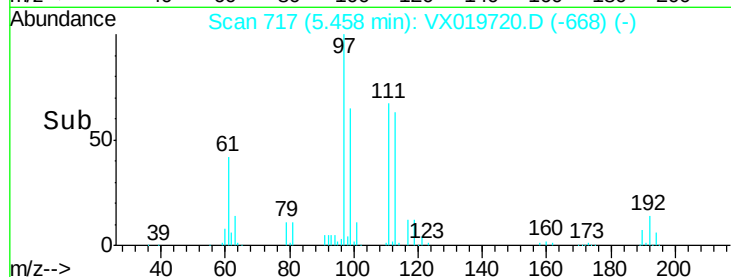
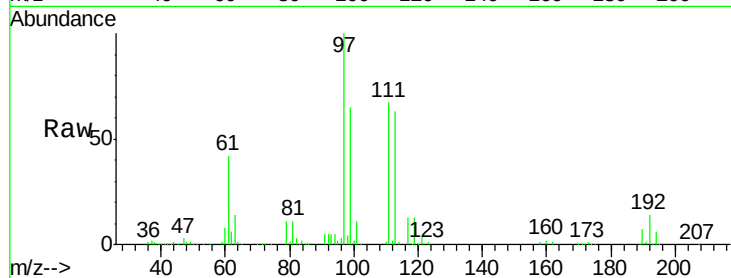
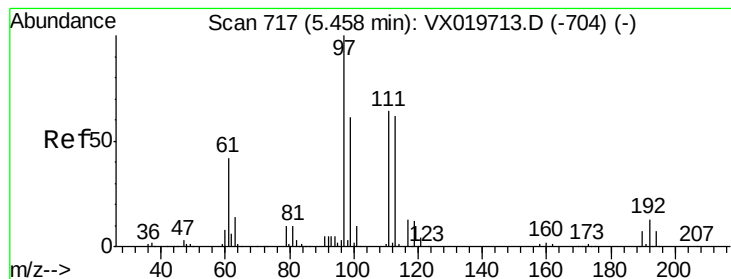
MMDadoda
 12/7/2020 10:52:55 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.3	0.0	32.8





#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tot Ion:	113	Resp:	175366
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.9	122.9
192	21.1	16.7	25.1

Instrument :

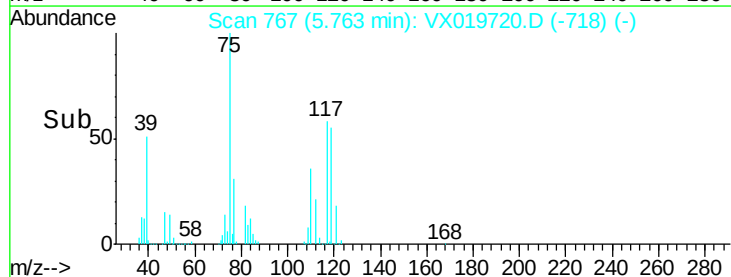
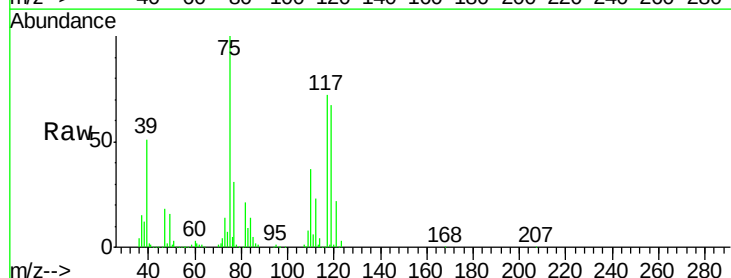
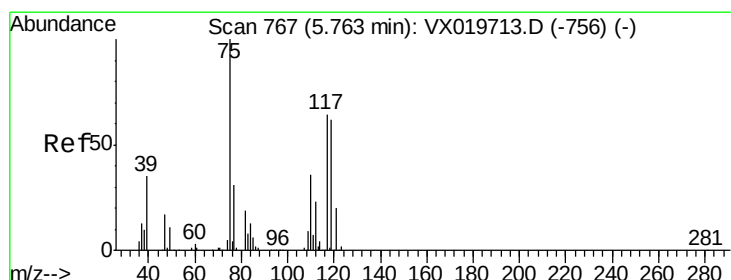
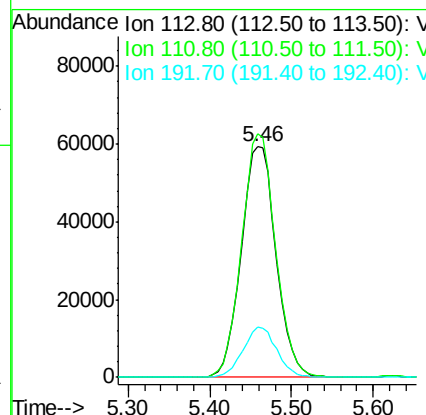
MSVOA_X

ClientSampleId :

VSTDCCC050

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12/7/2020 10:52:55 AM



#36

1,1-Dichloropropene

Concen: 50.216 ug/l

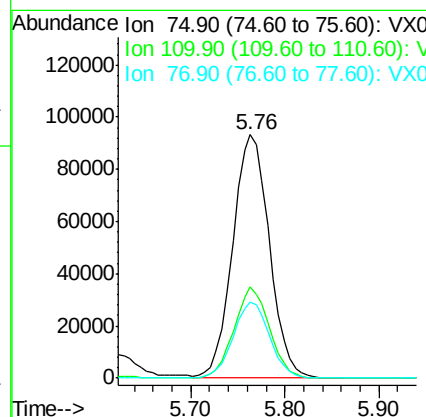
RT: 5.76 min Scan# 767

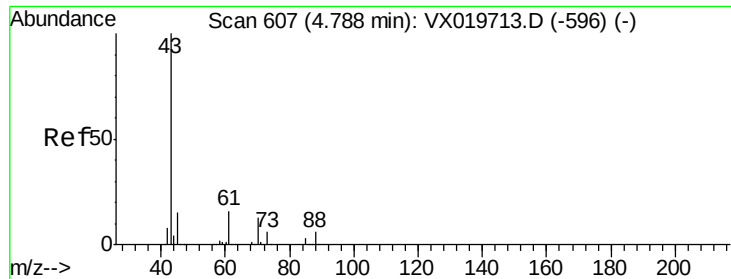
Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion:	75	Resp:	252181
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.4
77	31.2	25.3	37.9





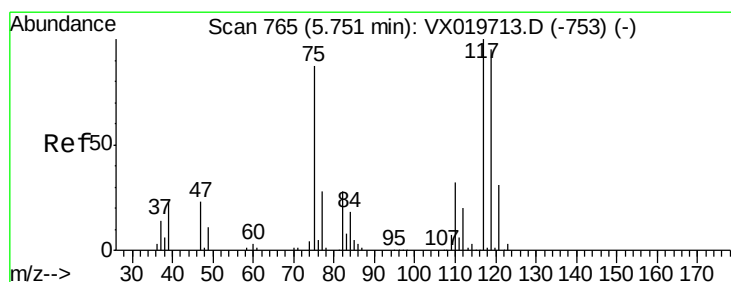
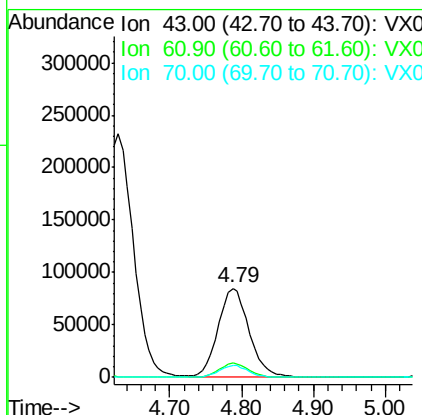
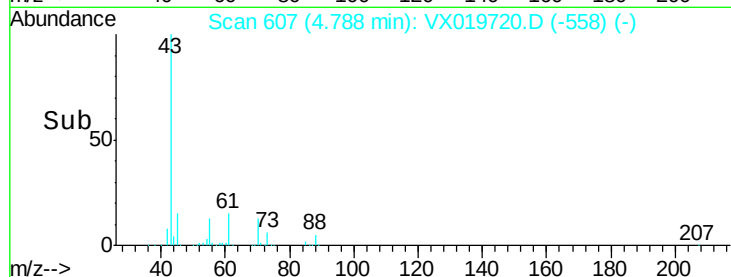
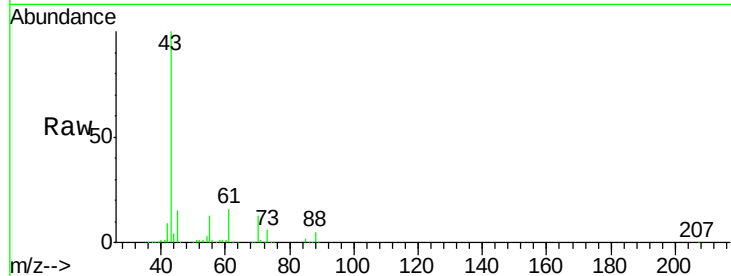
#37
Ethyl Acetate
Concen: 49.695 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	251975
Ion Ratio	Lower	Upper	
43	100		
61	15.3	12.8	19.2
70	12.7	10.5	15.7

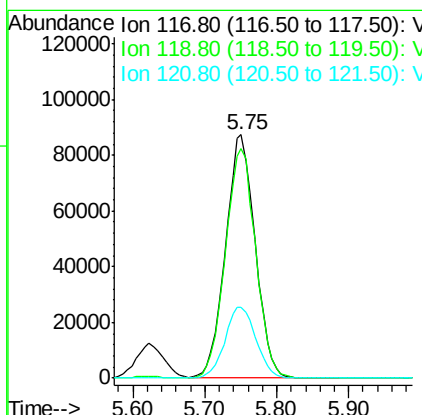
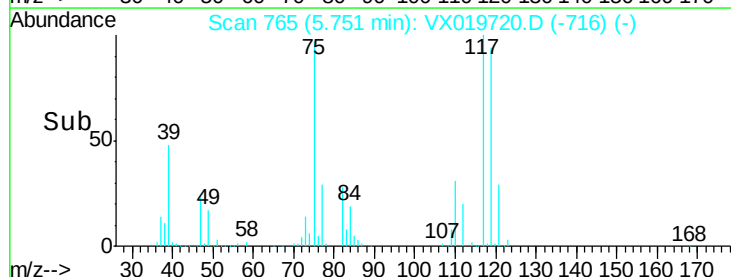
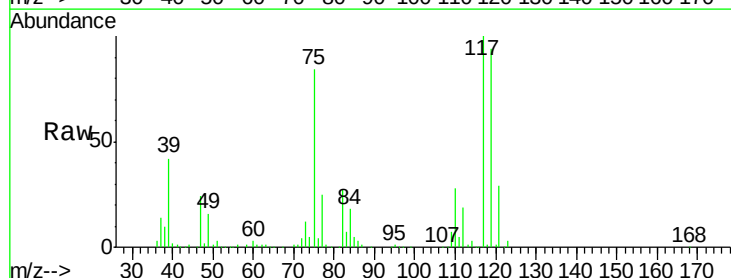
Manual Integrations
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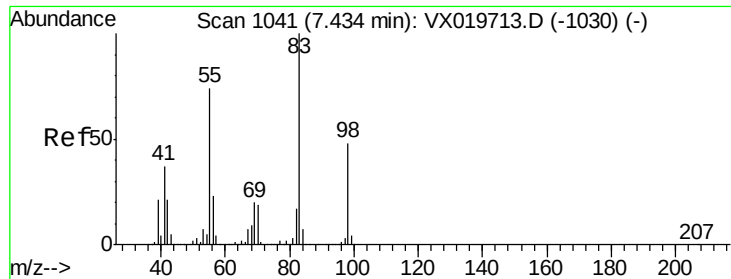
MMDadoda
12/7/2020 10:52:55 AM



#38
Carbon Tetrachloride
Concen: 50.807 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	117	Resp	249854
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.2	114.2
121	29.2	24.8	37.2





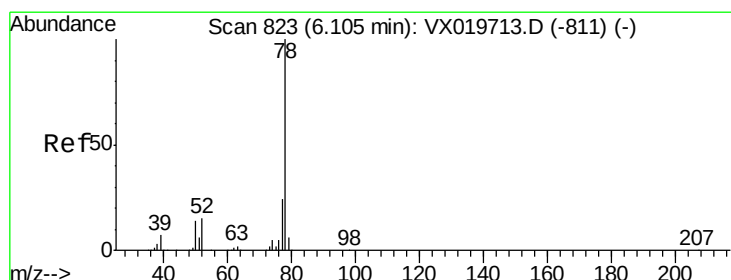
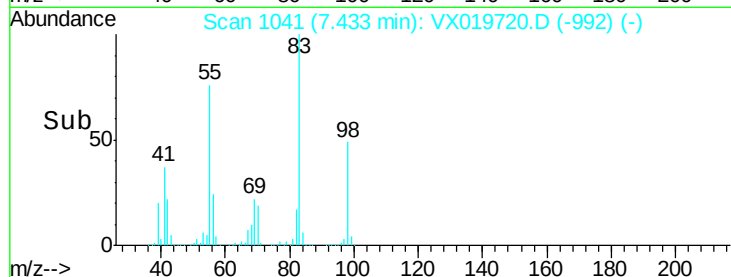
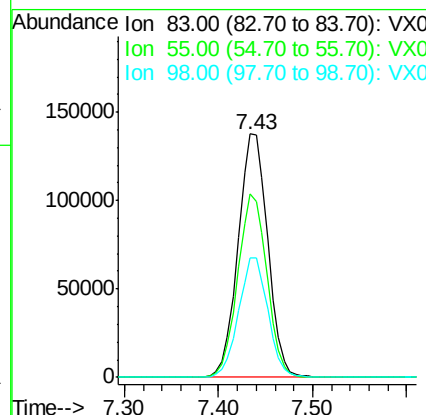
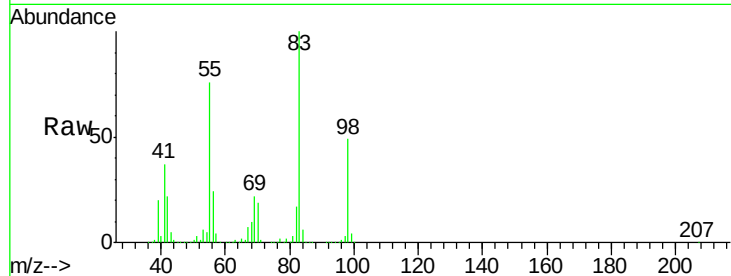
#39
Methylvlcyclohexane
Concen: 51.264 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	302467		
55	75.6		58.9	88.3
98	49.2		38.1	57.1

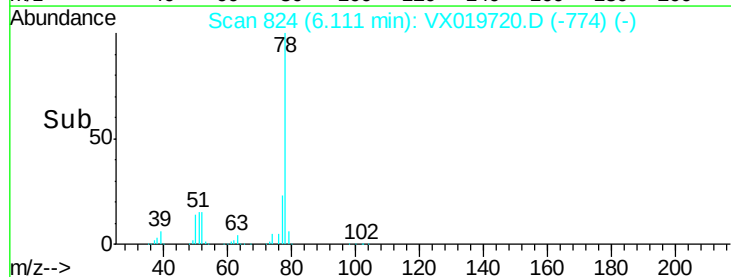
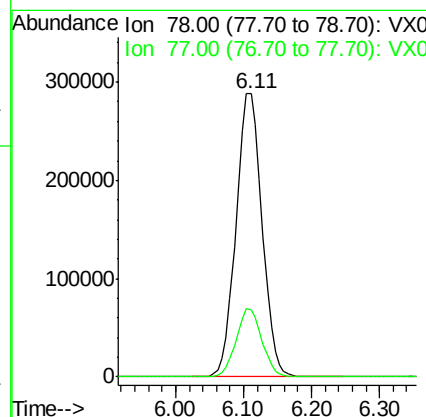
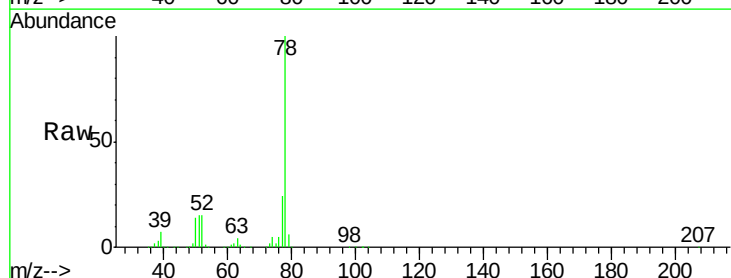
Manual Integrations
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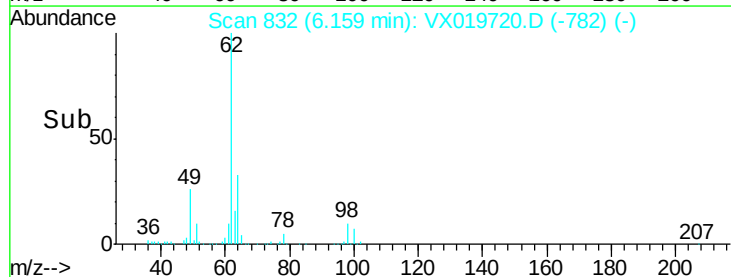
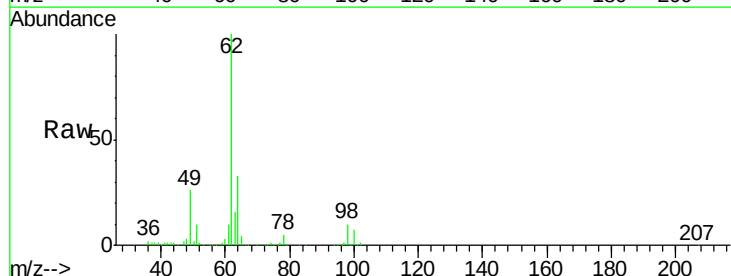
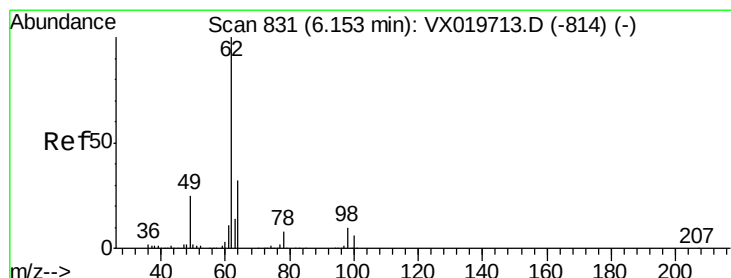
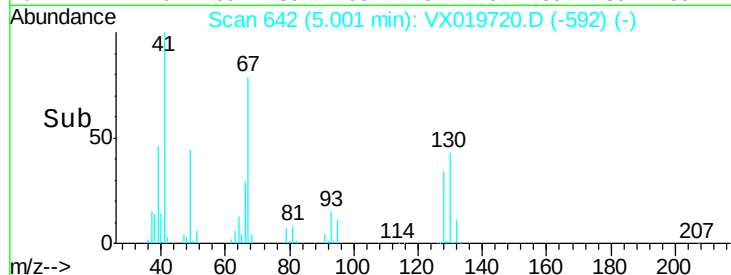
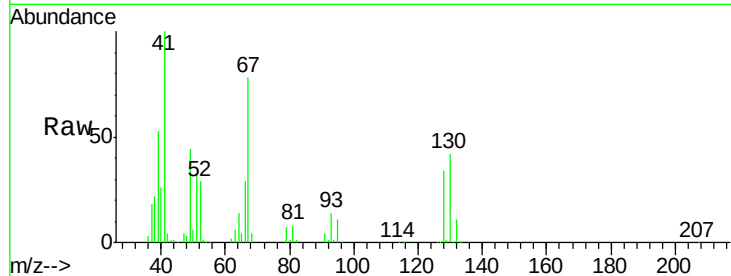
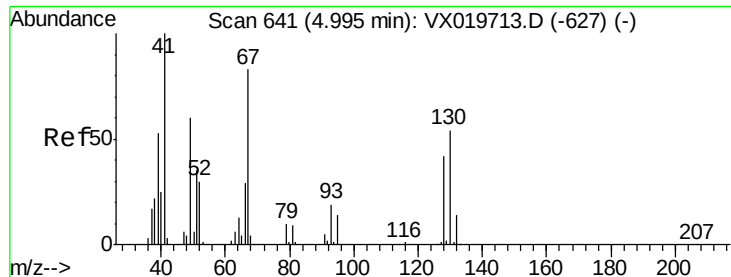
MMDadoda
12/7/2020 10:52:55 AM



#40
Benzene
Concen: 49.859 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	764863		
77	23.7		18.9	28.3





#41

Methacrylonitrile

Concen: 49.249 ug/l

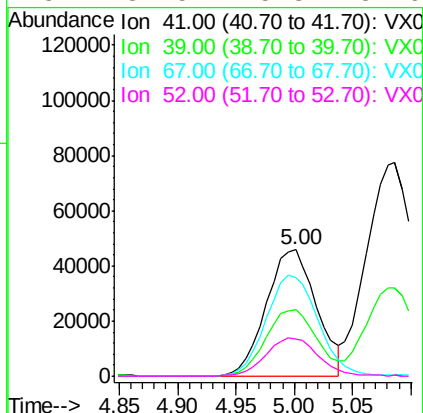
RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.7	42.5	63.7		
67	83.5	65.0	97.6		
52	31.5	25.3	37.9		



Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations
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MMDadoda
12/7/2020 10:52:55 AM

#42

1,2-Dichloroethane

Concen: 50.381 ug/l

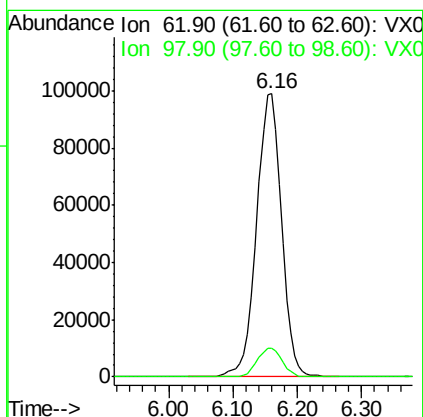
RT: 6.16 min Scan# 832

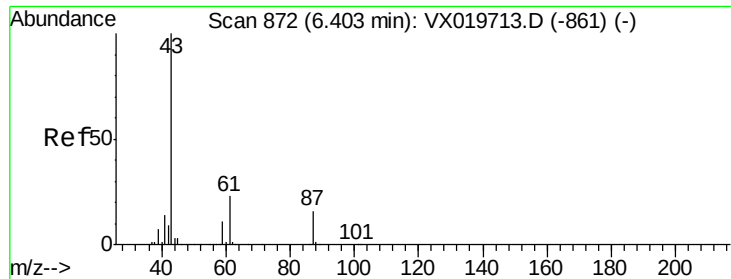
Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.1	0.0	20.2		





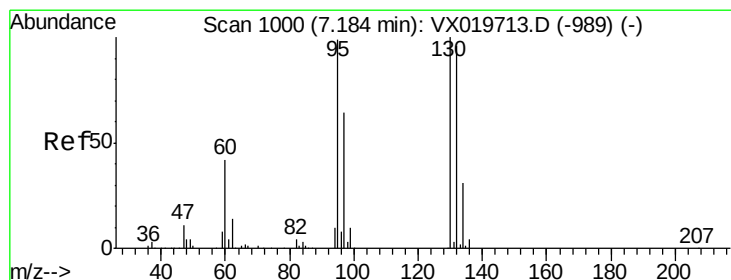
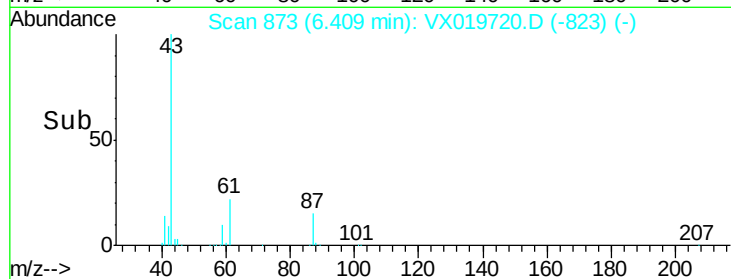
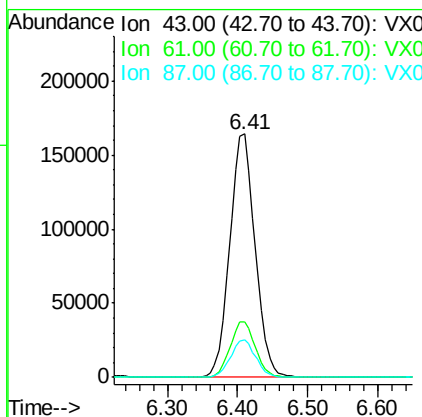
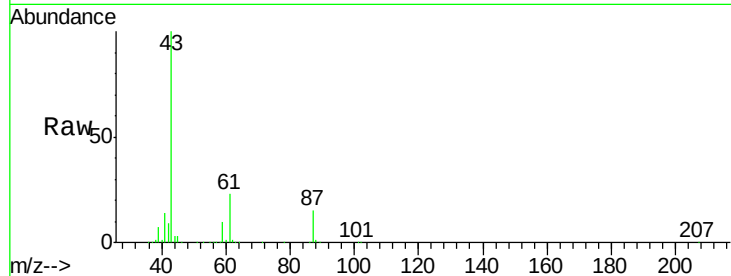
#43
Isopropyl Acetate
Concen: 49.960 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.4
87	15.4	12.5	18.7

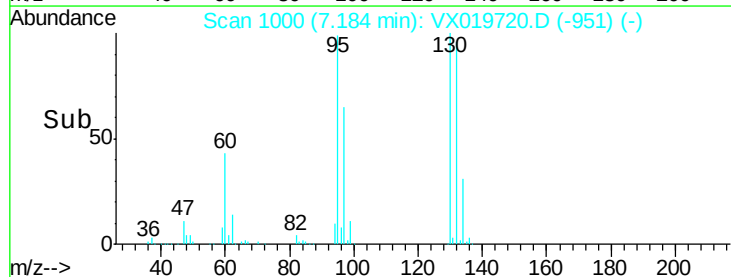
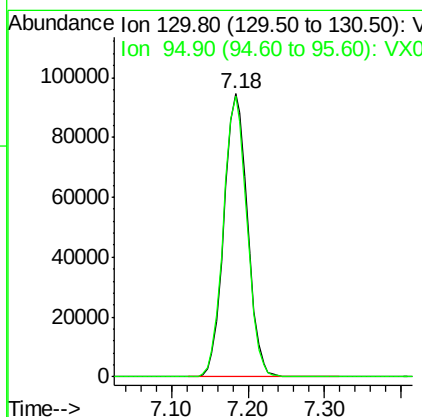
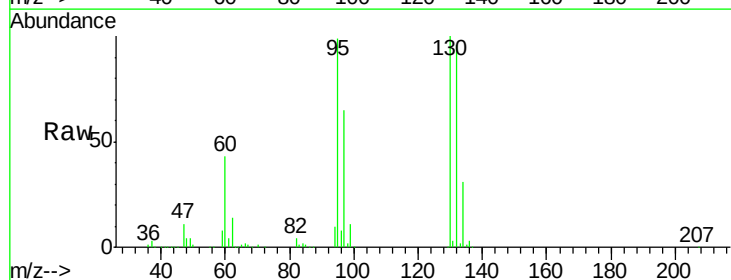
Manual Integrations
APPROVED

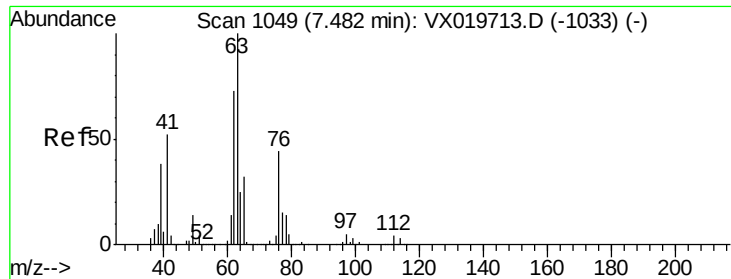
MMDadoda
12/7/2020 10:52:55 AM



#44
Trichloroethene
Concen: 49.989 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	198.0





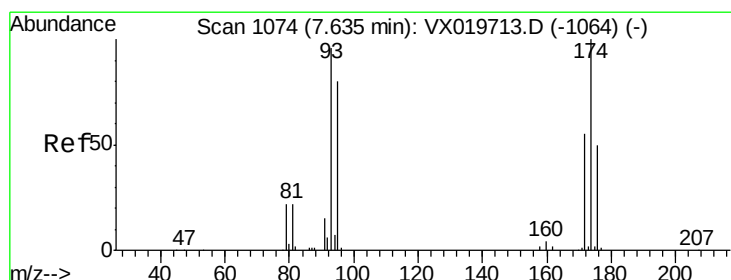
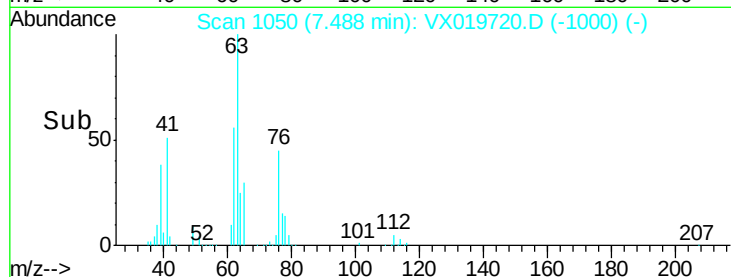
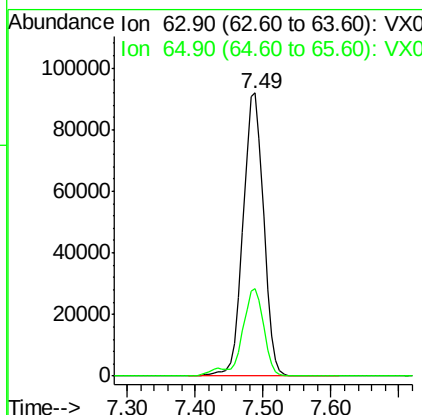
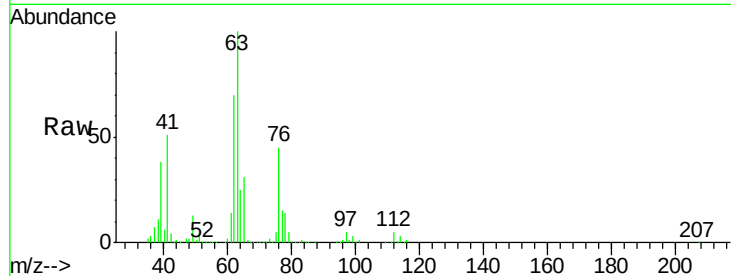
#45
 1,2-Dichloropropane
 Concen: 50.339 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 193000
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.7 38.5

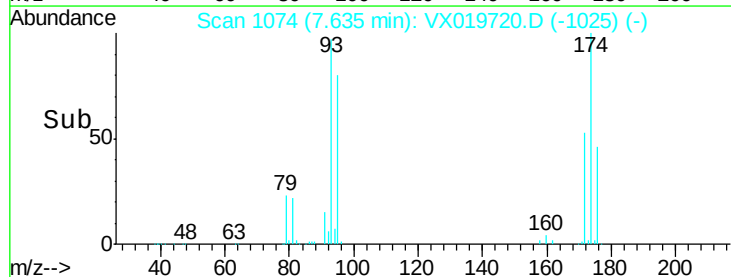
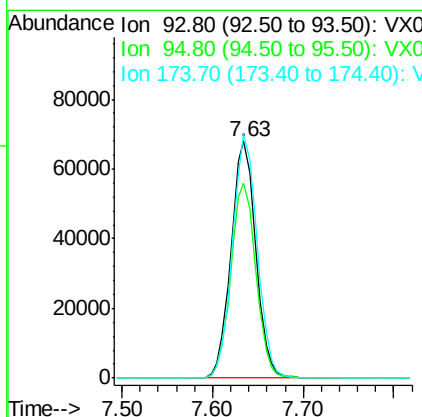
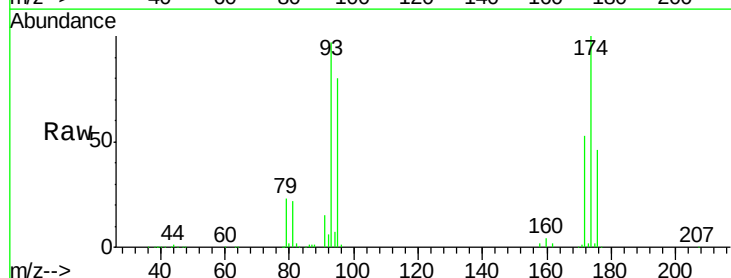
Manual Integrations
 APPROVED

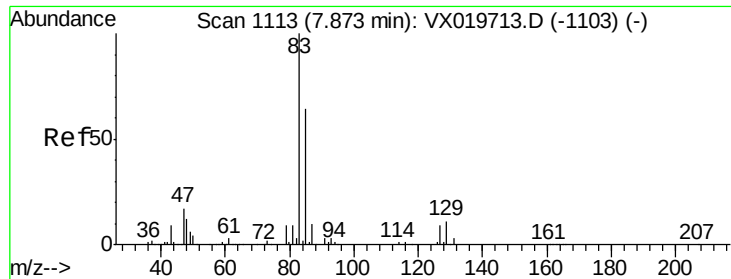
MMDadoda
 12/7/2020 10:52:55 AM



#46
 Dibromomethane
 Concen: 50.339 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion: 93 Resp: 130335
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 102.8 83.1 124.7





#47

Bromodichloromethane

Concen: 51.063 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

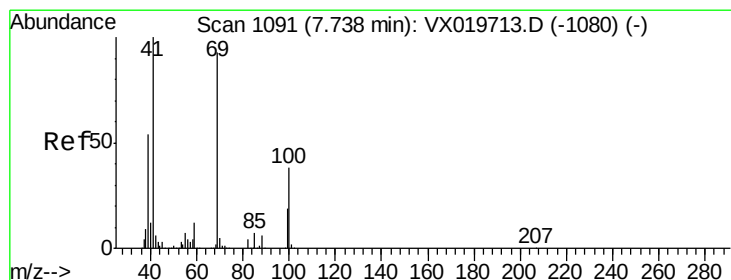
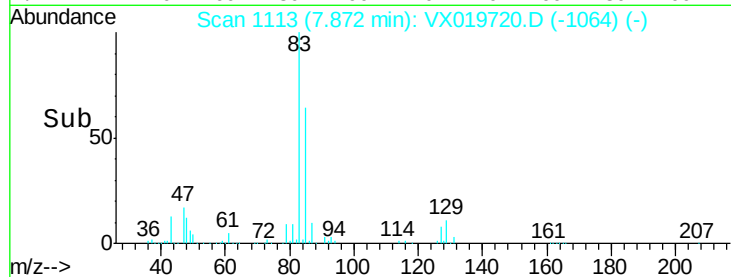
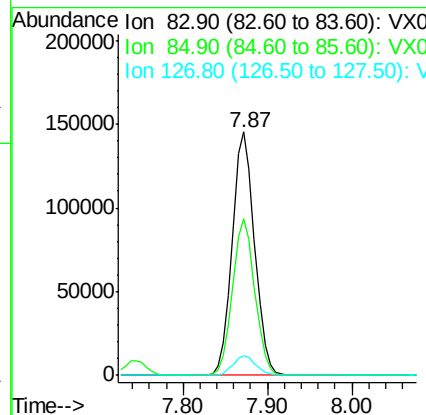
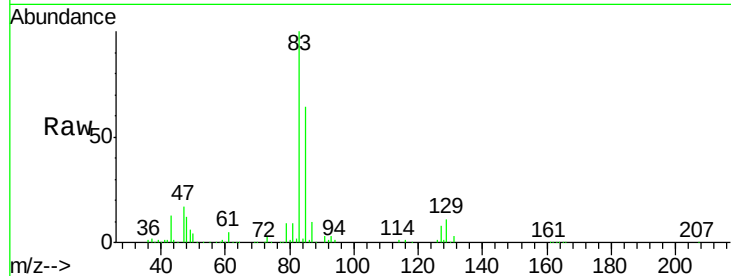
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	262347
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.0
127	8.3	6.8	10.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:52:55 AM



#48

Methyl methacrylate

Concen: 50.475 ug/l

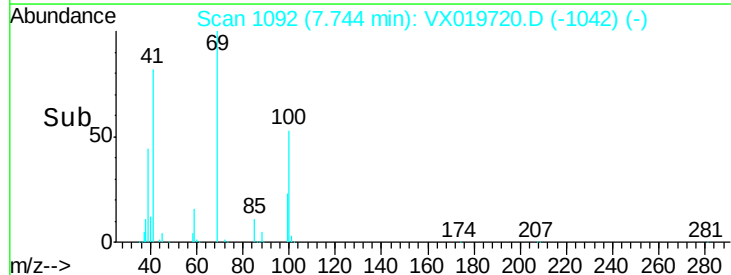
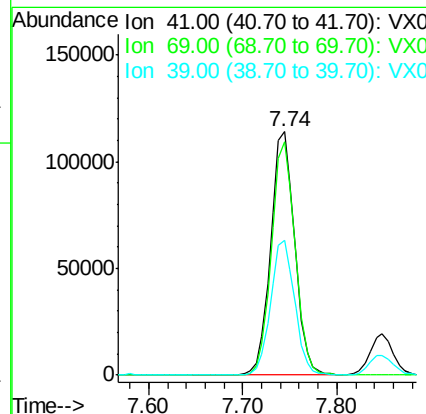
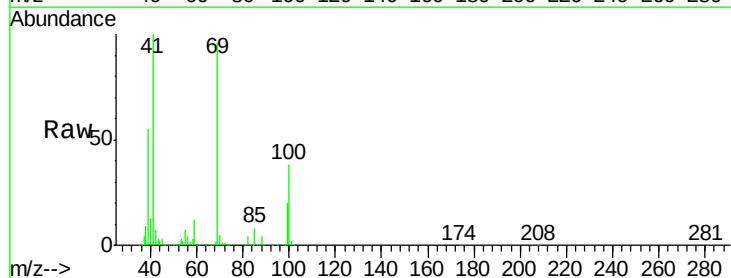
RT: 7.74 min Scan# 1092

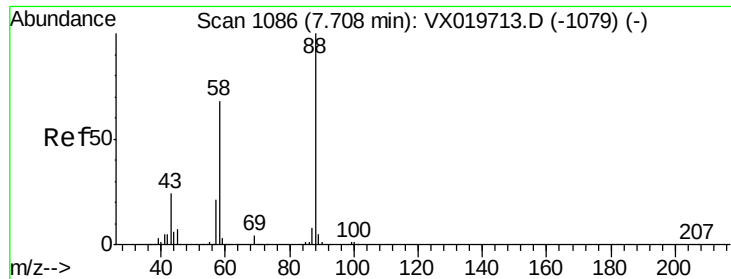
Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion:	41	Resp:	204639
Ion	Ratio	Lower	Upper
41	100		
69	94.9	76.0	114.0
39	55.5	44.6	67.0





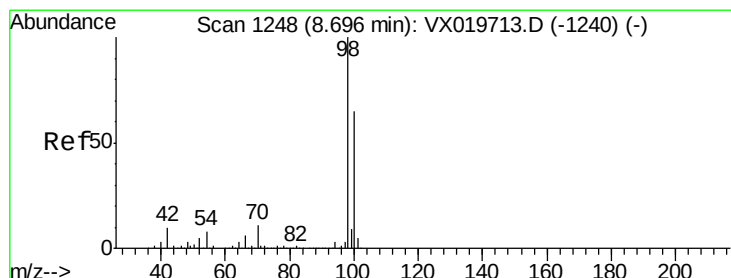
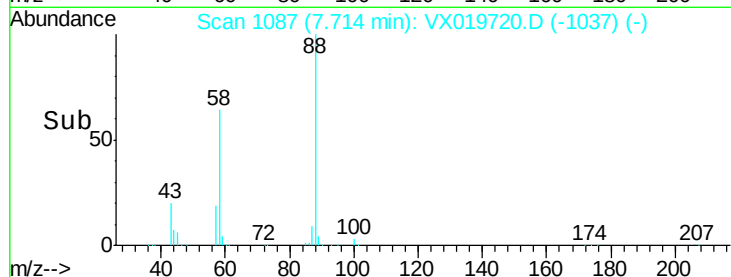
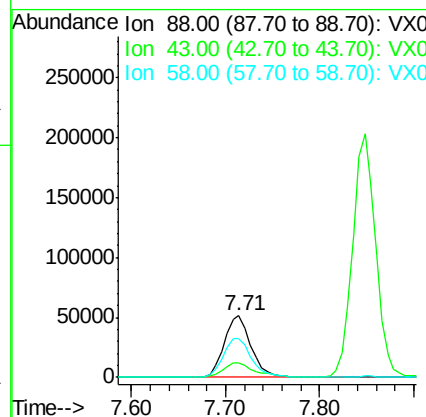
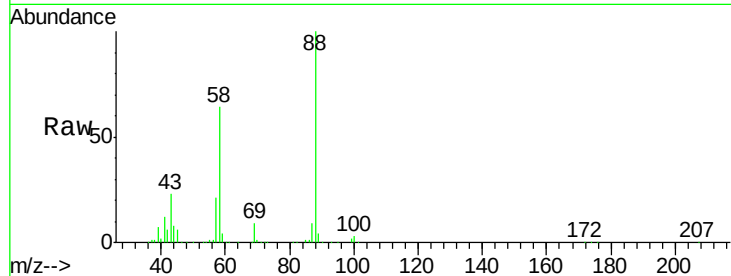
#49
1,4-Dioxane
Concen: 1026.720 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	100837		
43	28.1		23.2	34.8
58	68.3		55.0	82.4

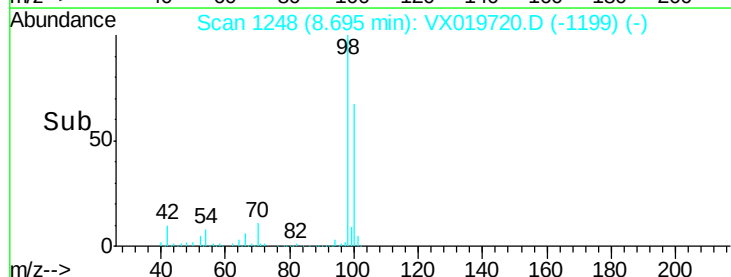
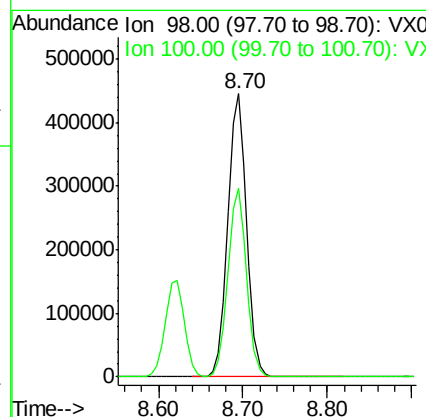
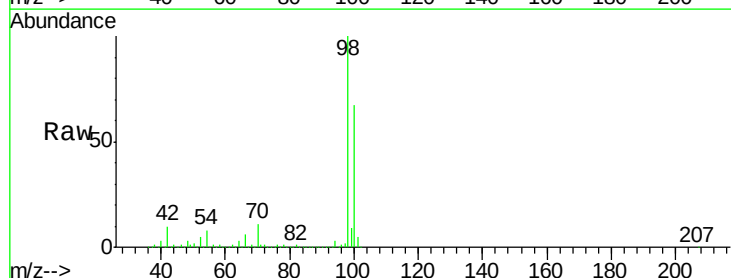
Manual Integrations
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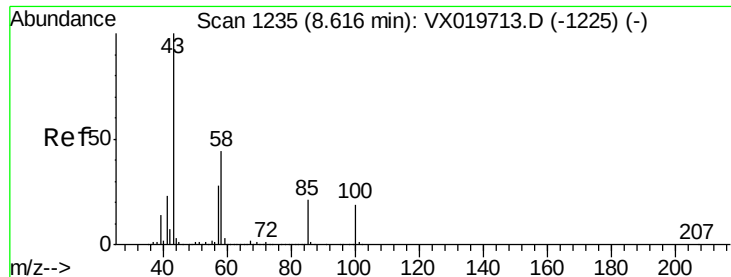
MMDadoda
12/7/2020 10:52:55 AM



#50
Toluene-d8
Concen: 49.821 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	683148		
100	66.1		51.9	77.9





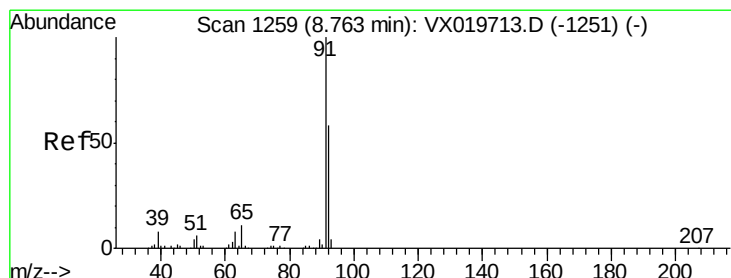
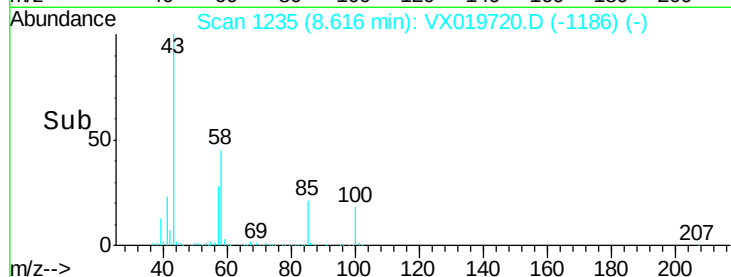
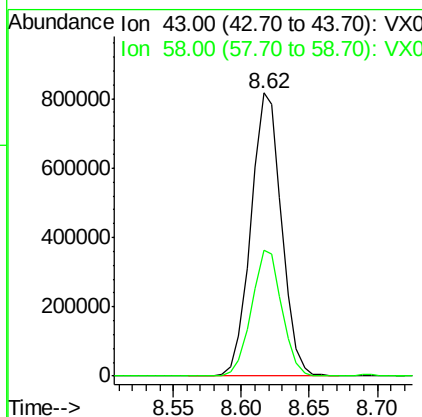
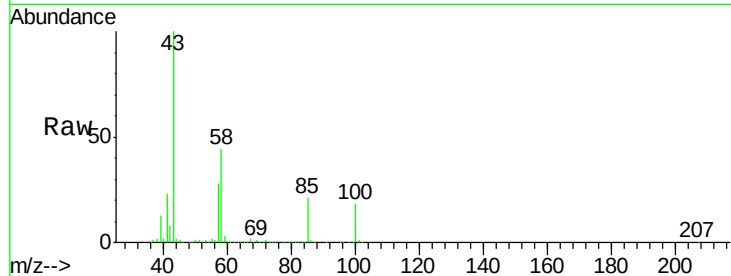
#51
4-Methyl-2-Pentanone
Concen: 256.313 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1290007
Ion Ratio Lower Upper
43 100
58 44.1 35.4 53.0

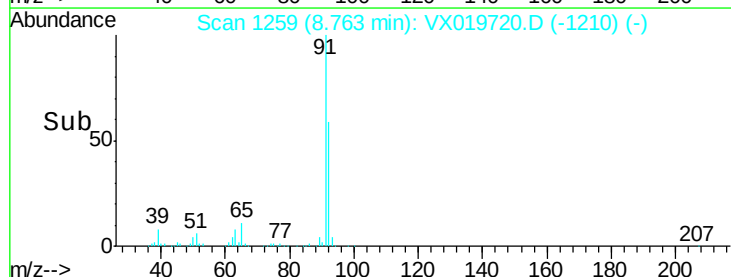
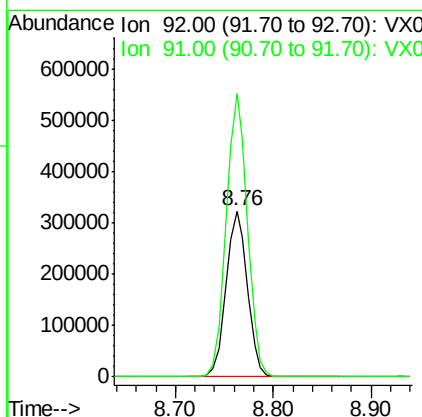
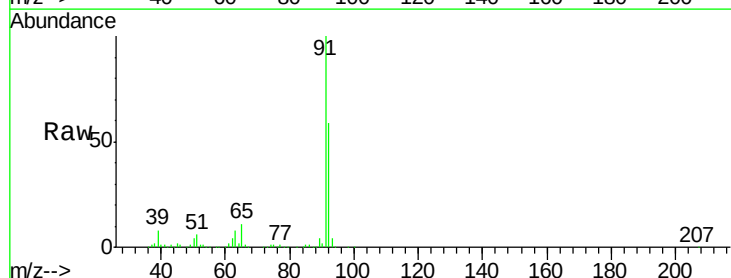
Manual Integrations
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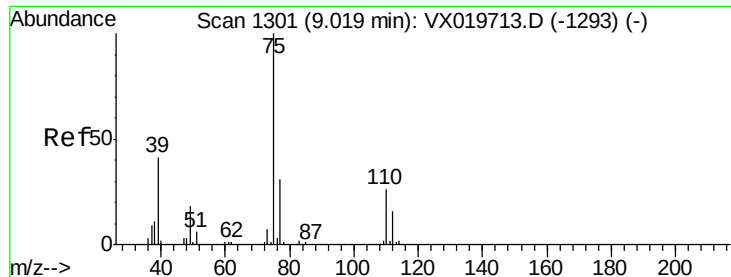
MMDadoda
12/7/2020 10:52:55 AM



#52
Toluene
Concen: 50.672 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 92 Resp: 486170
Ion Ratio Lower Upper
92 100
91 169.8 137.1 205.7





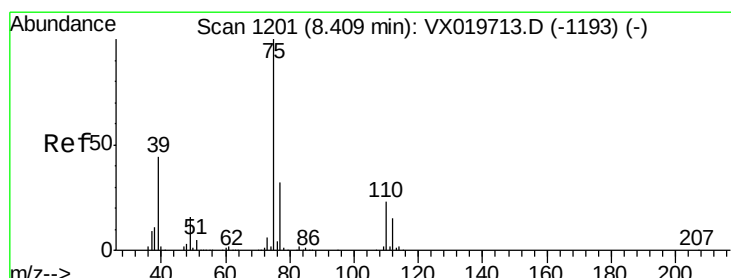
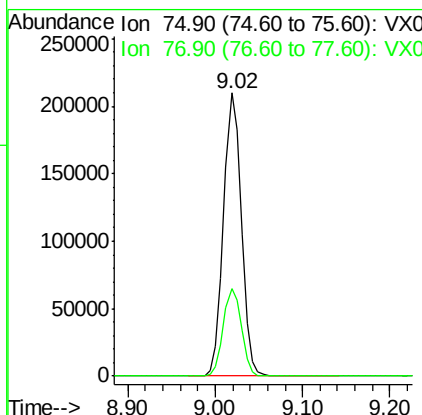
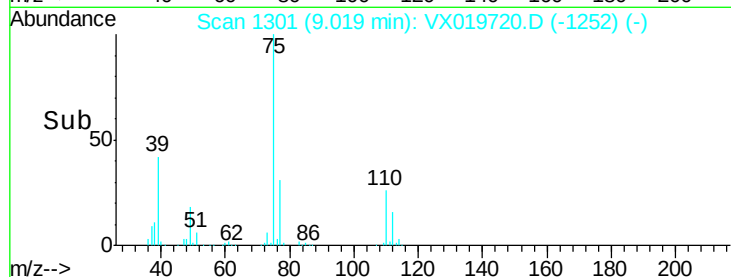
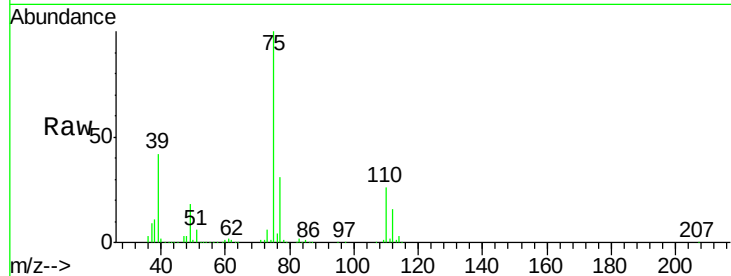
#53
t-1,3-Dichloropropene
Concen: 51.929 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 296061
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3

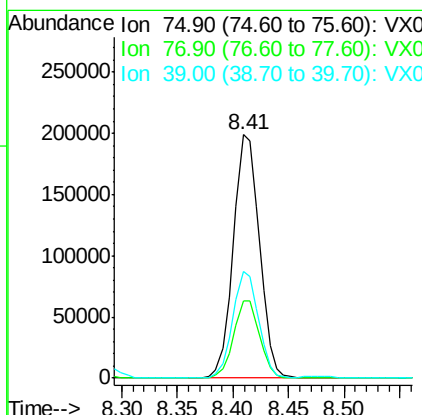
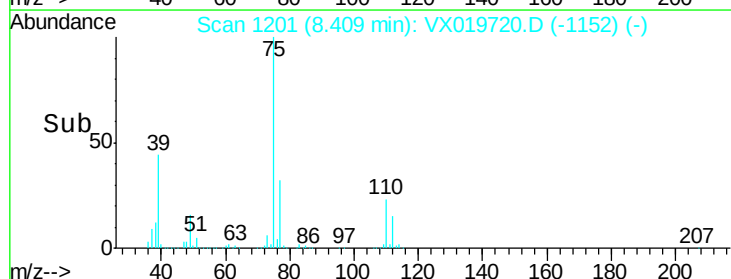
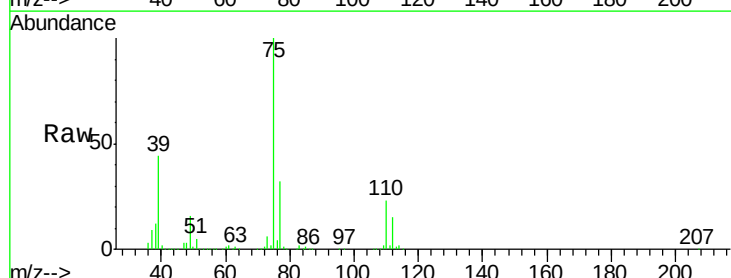
Manual Integrations
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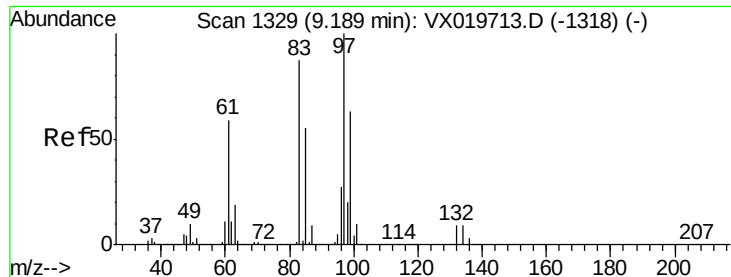
MMDadoda
12/7/2020 10:52:55 AM



#54
cis-1,3-Dichloropropene
Concen: 52.186 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 75 Resp: 323233
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 43.5 35.1 52.7





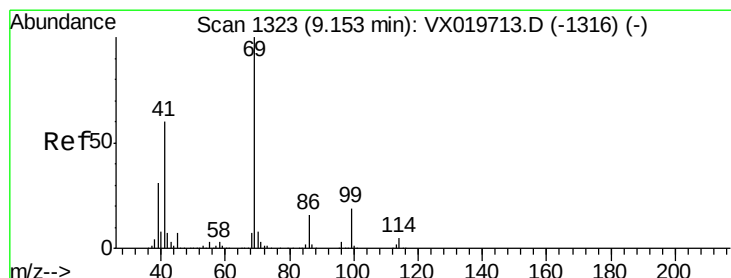
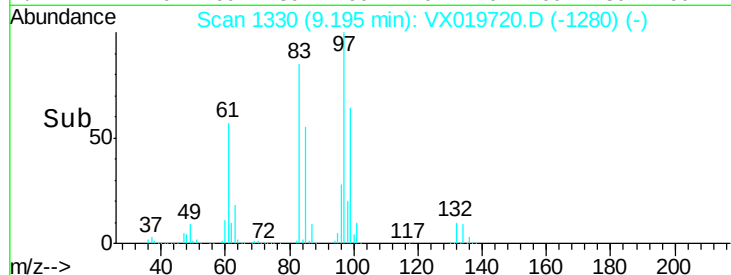
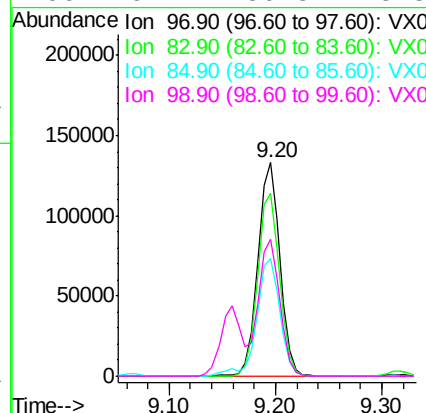
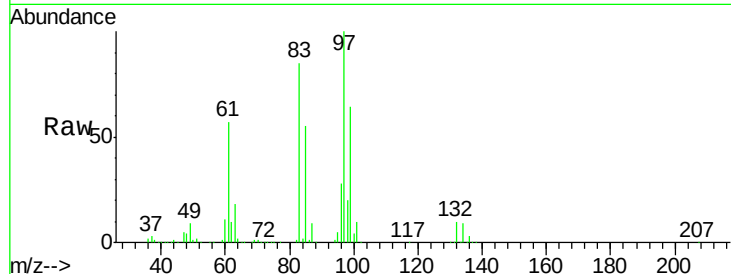
#55
 1,1,2-Trichloroethane
 Concen: 50.056 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	193540
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.3	103.9
85	55.2	44.3	66.5
99	64.1	50.3	75.5

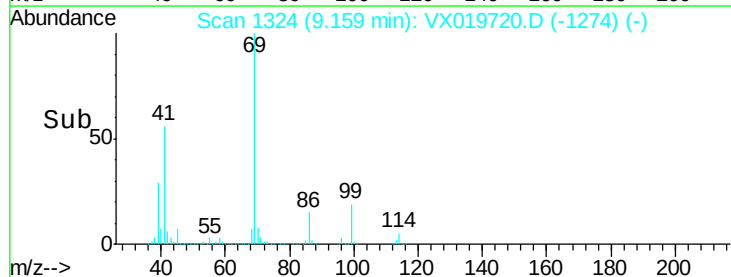
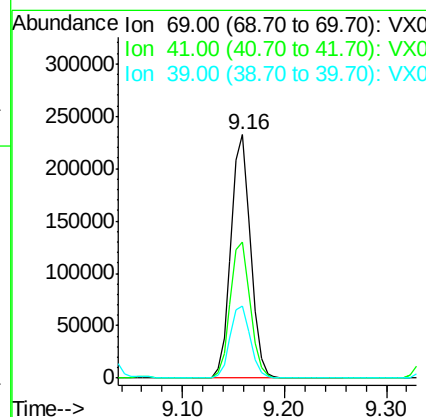
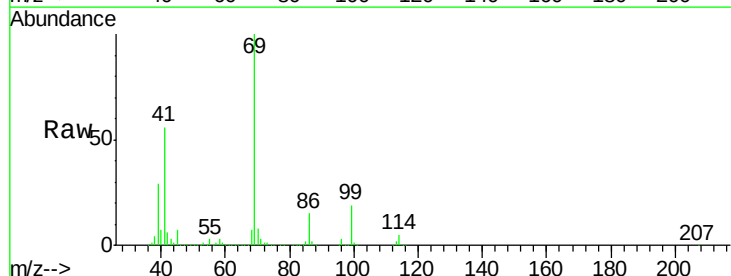
Manual Integrations
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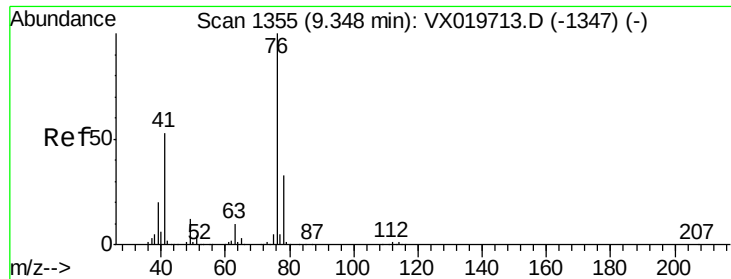
MMDadoda
 12/7/2020 10:52:55 AM



#56
 Ethyl methacrylate
 Concen: 52.928 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion:	69	Resp:	309616
Ion	Ratio	Lower	Upper
69	100		
41	56.9	46.8	70.2
39	30.3	24.7	37.1





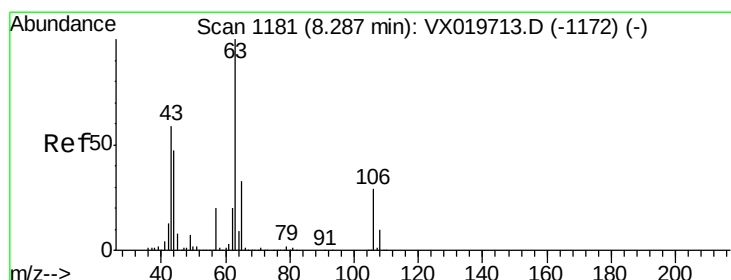
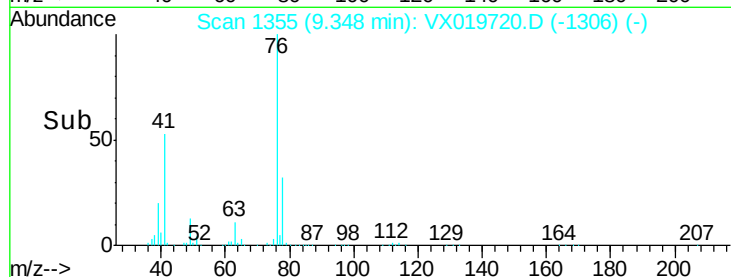
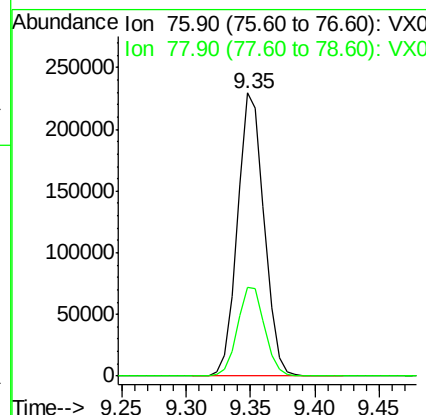
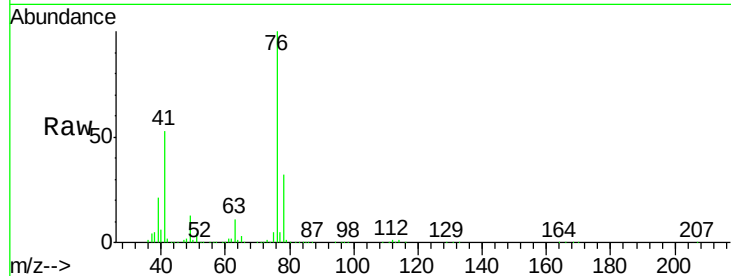
#57
 1,3-Dichloropropane
 Concen: 49.919 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

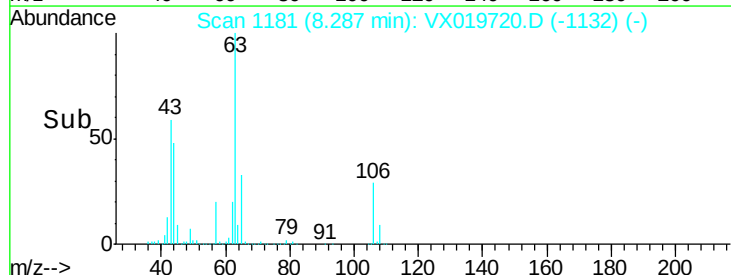
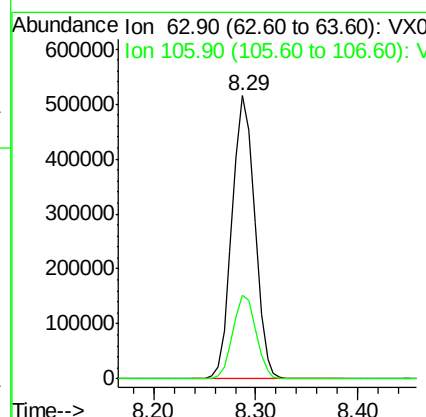
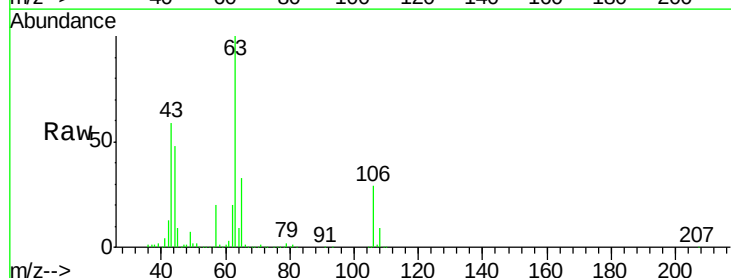
Manual Integrations
 APPROVED

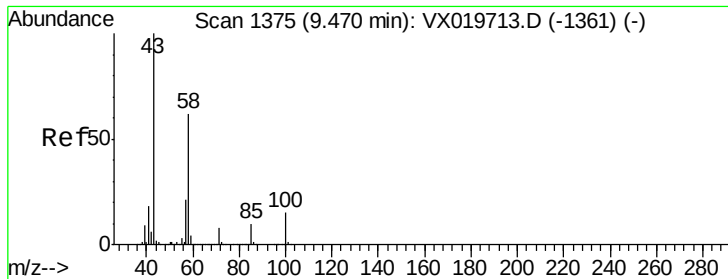
MMDadoda
 12/7/2020 10:52:55 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.782 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.5	35.3





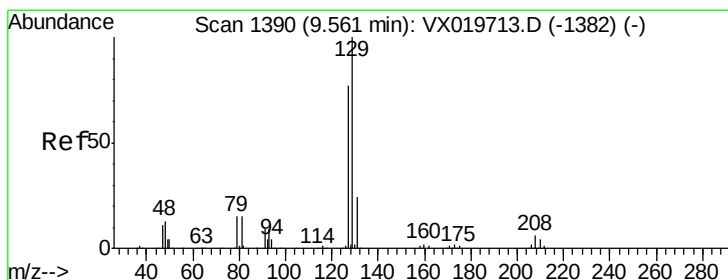
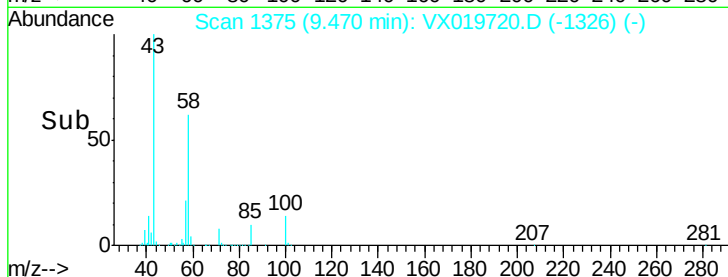
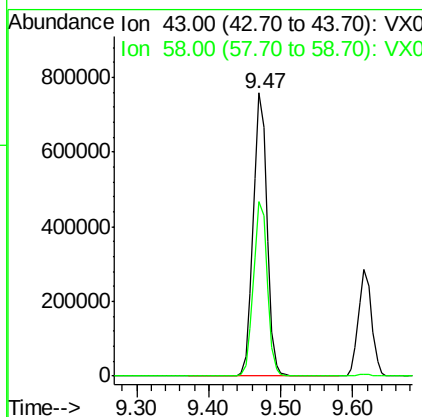
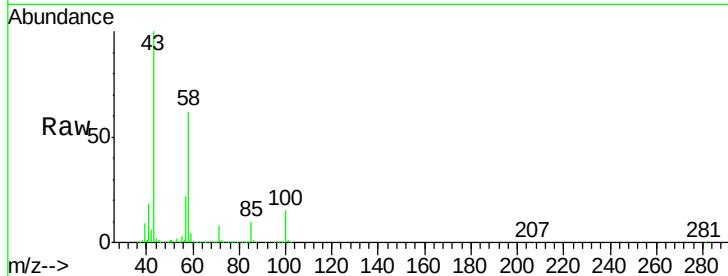
#59
2-Hexanone
Concen: 260.434 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1016001
Ion Ratio Lower Upper
43 100
58 61.8 30.9 92.8

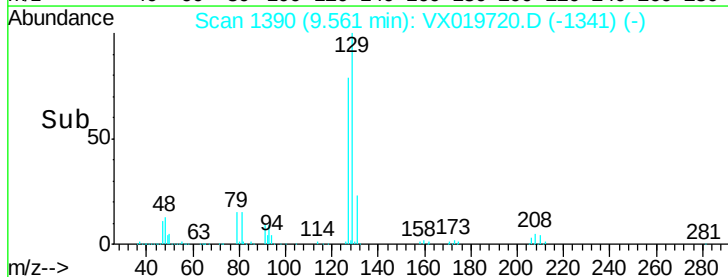
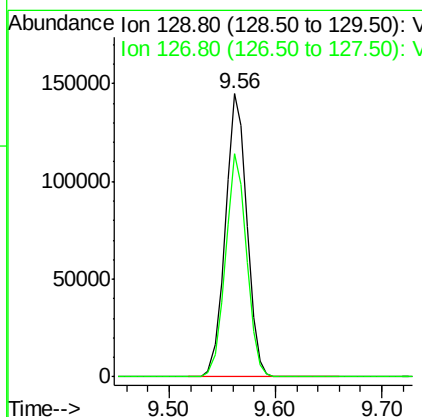
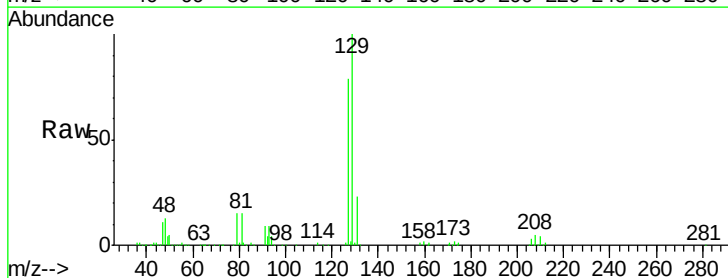
Manual Integrations
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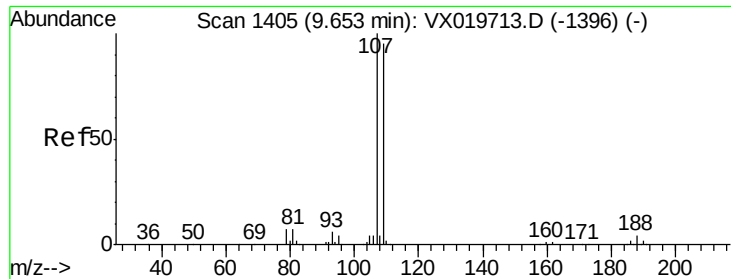
MMDadoda
12/7/2020 10:52:55 AM



#60
Dibromochloromethane
Concen: 52.265 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 129 Resp: 205310
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.686 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 208100

Ion Ratio Lower Upper

107 100

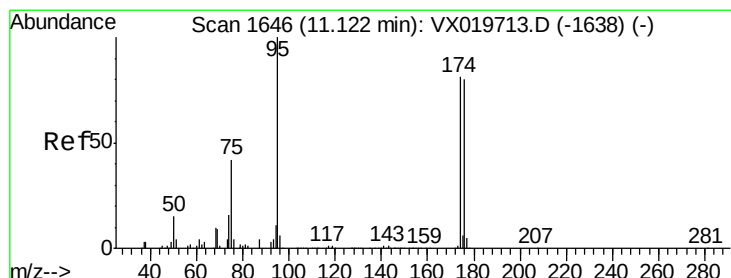
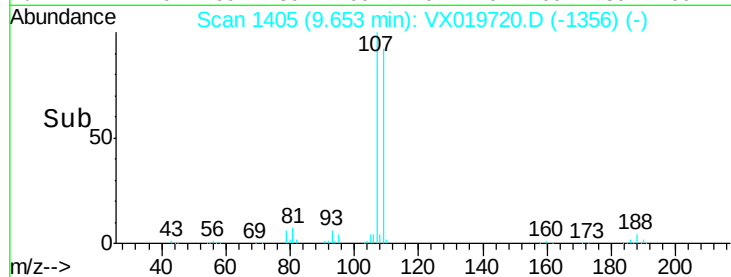
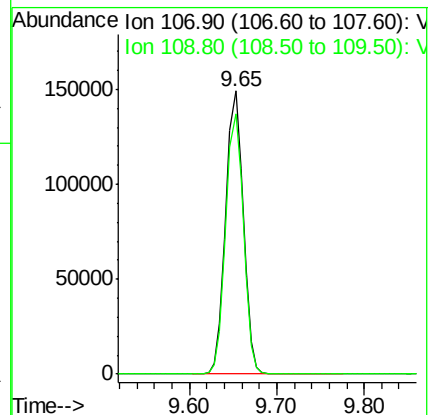
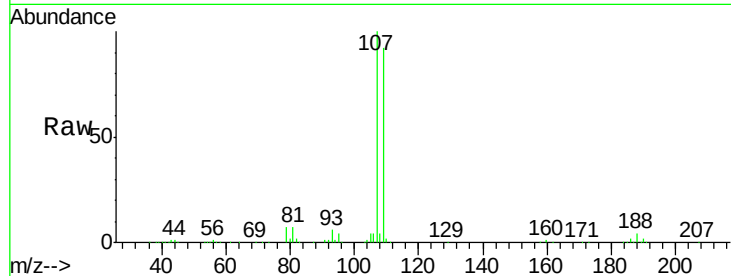
109 93.0 75.8 113.6

Manual Integrations

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MMDadoda

12/7/2020 10:52:55 AM



#62

4-Bromofluorobenzene

Concen: 50.573 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

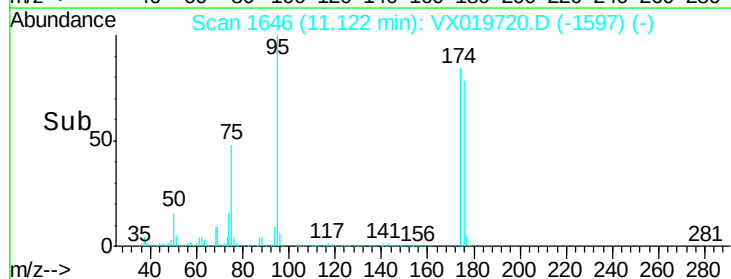
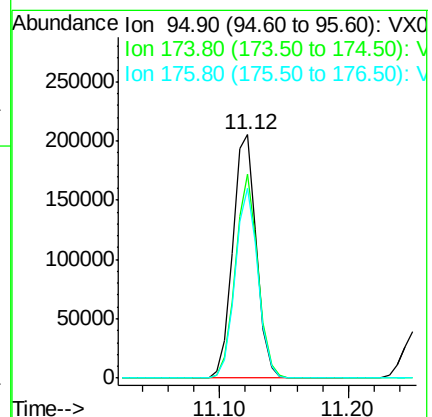
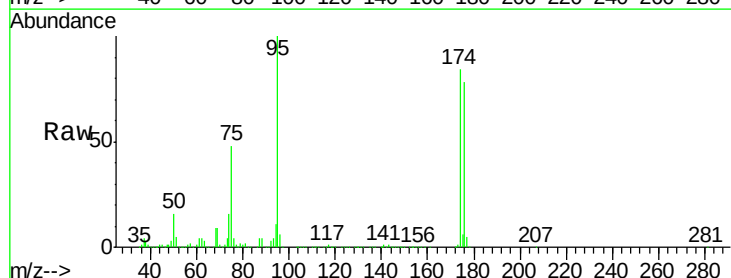
Tgt Ion: 95 Resp: 263944

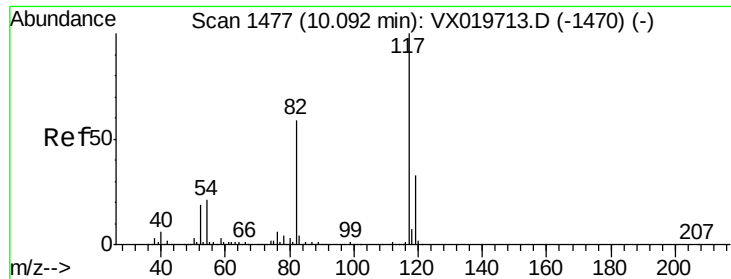
Ion Ratio Lower Upper

95 100

174 79.4 0.0 154.6

176 75.4 0.0 155.8





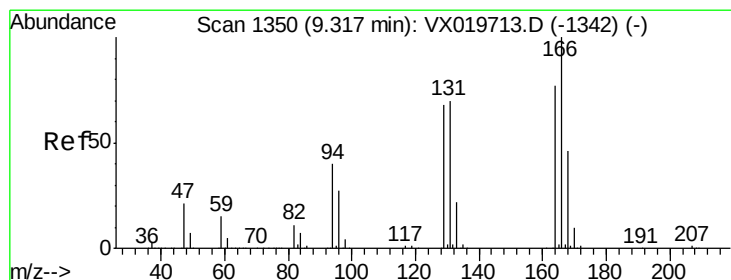
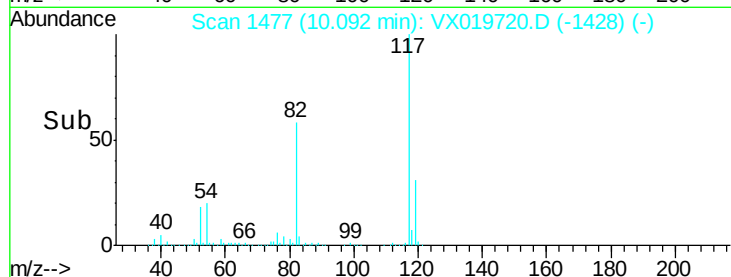
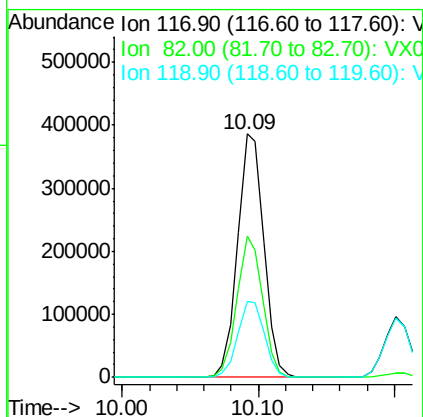
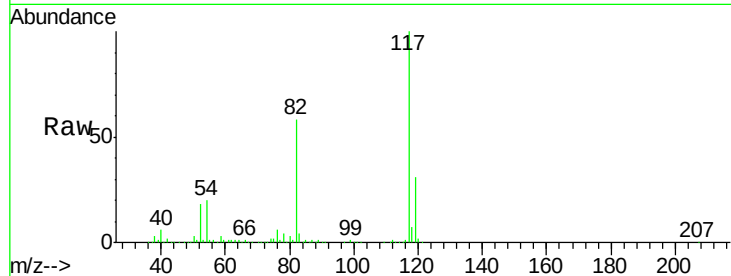
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	517922		
82	57.8		47.4	71.2
119	31.2		26.6	39.8

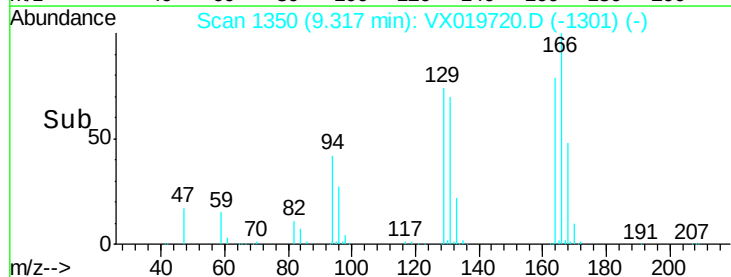
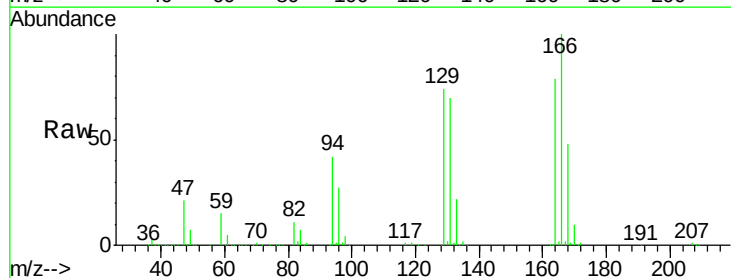
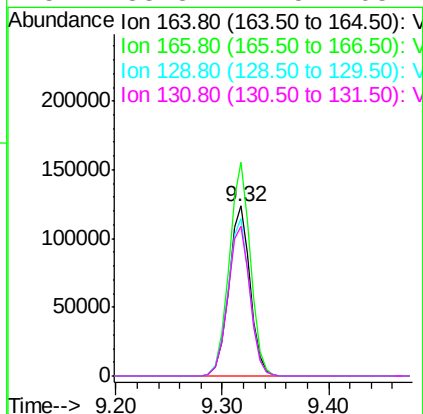
Manual Integrations
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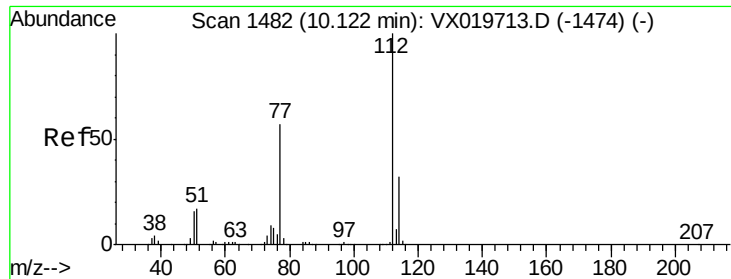
MMDadoda
12/7/2020 10:52:55 AM



#64
Tetrachloroethene
Concen: 49.498 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	171922		
166	125.8		103.4	155.2
129	92.7		70.8	106.2
131	88.3		72.5	108.7





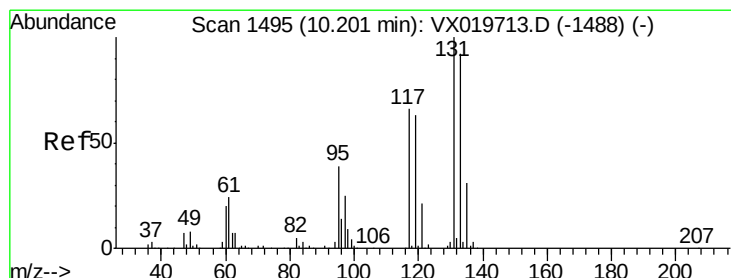
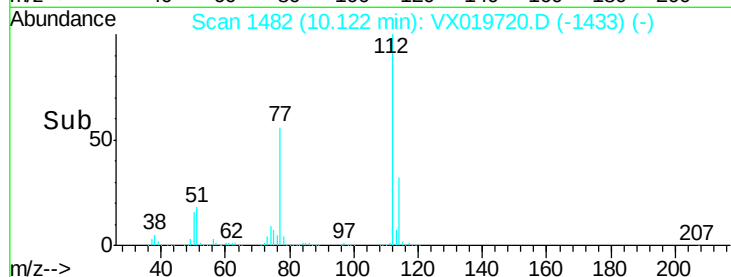
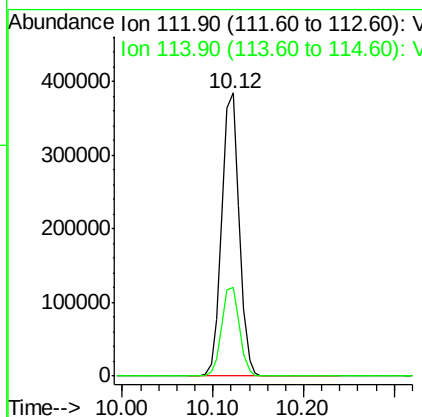
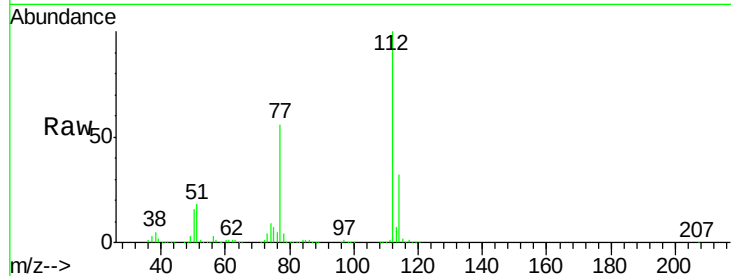
#65
Chlorobenzene
Concen: 50.085 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 516802
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

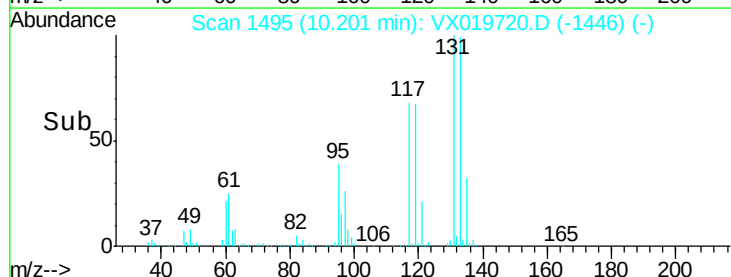
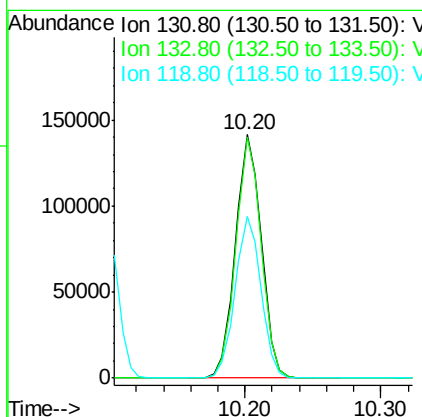
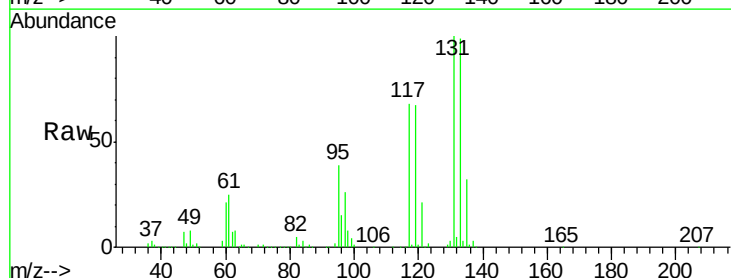
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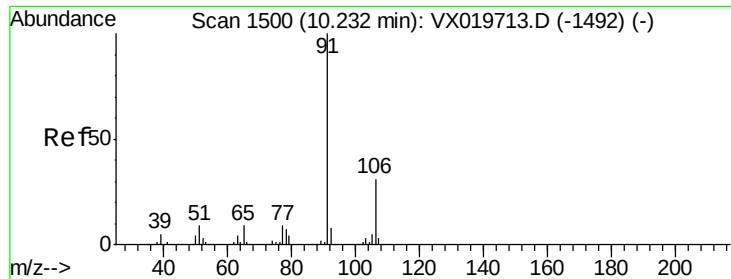
MMDadoda
12/7/2020 10:52:55 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.416 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion:131 Resp: 187241
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 66.1 32.1 96.5





#67

Ethyl Benzene

Concen: 51.254 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 938753

Ion Ratio Lower Upper

91 100

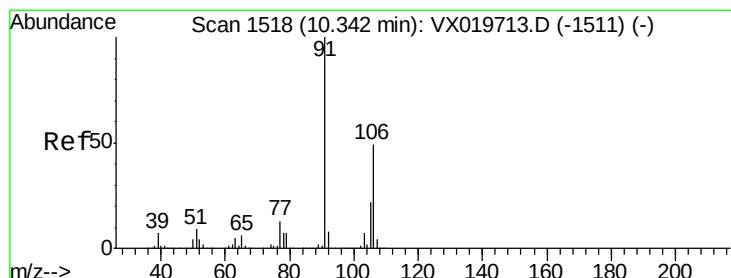
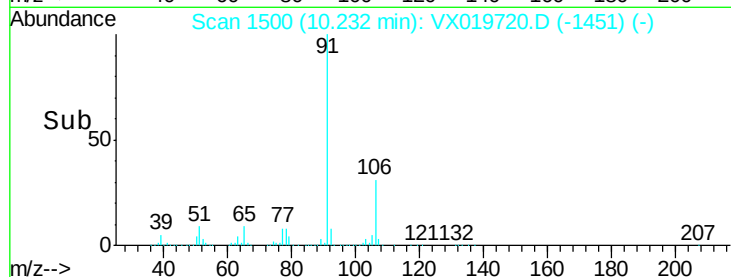
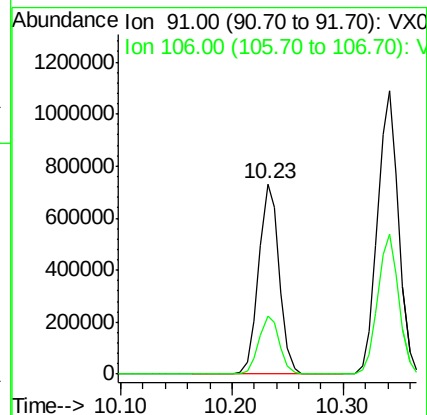
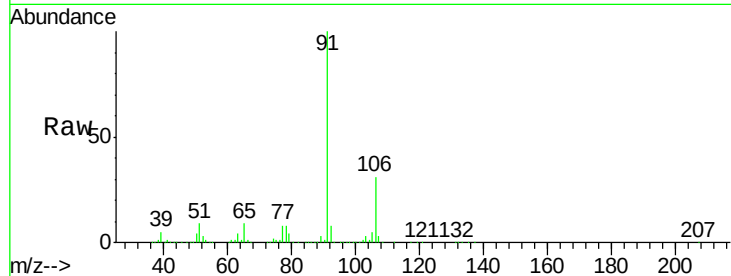
106 30.7 24.6 37.0

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#68

m/p-Xylenes

Concen: 102.897 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019720.D

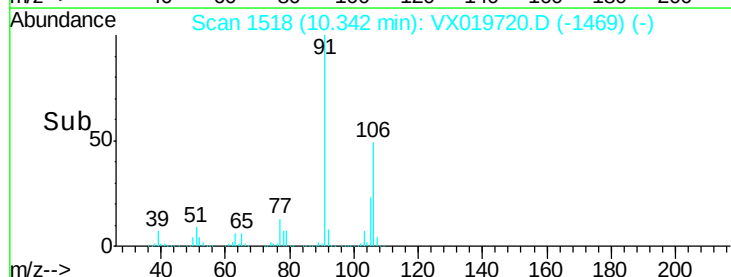
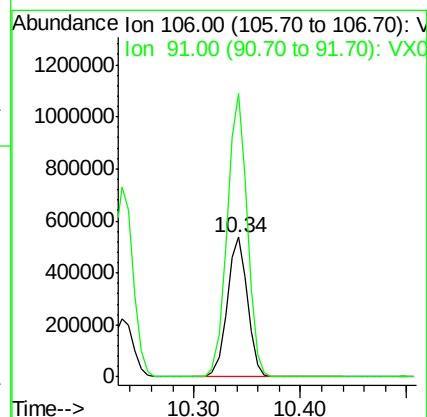
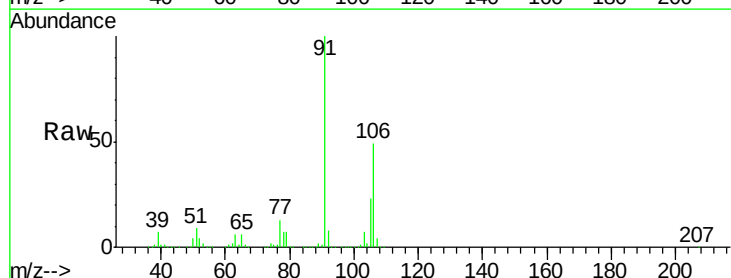
Acq: 04 Dec 2020 16:33

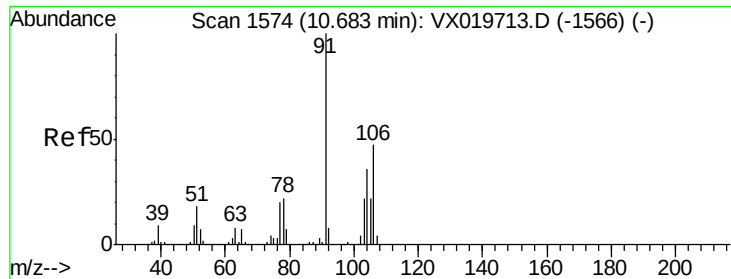
Tgt Ion: 106 Resp: 710157

Ion Ratio Lower Upper

106 100

91 202.1 162.8 244.2





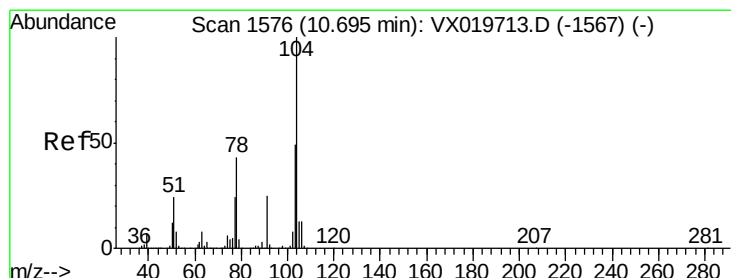
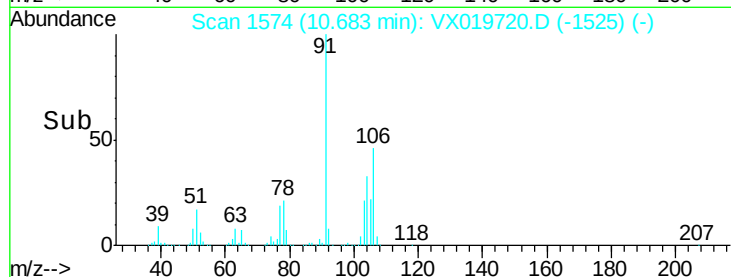
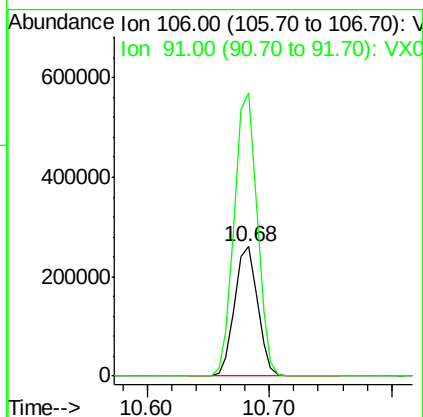
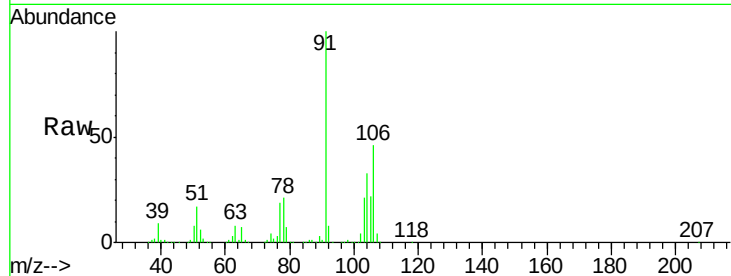
#69
o-Xylene
Concen: 50.912 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.2	108.1	324.2

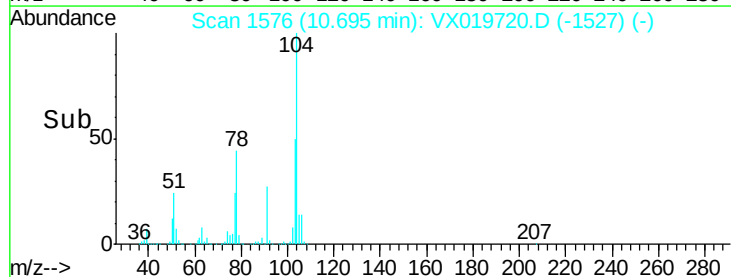
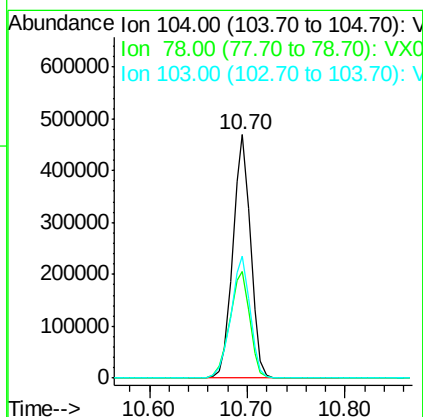
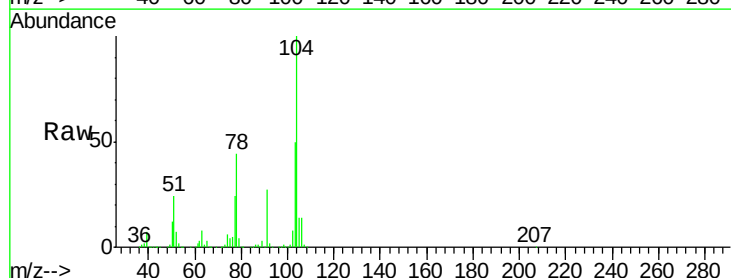
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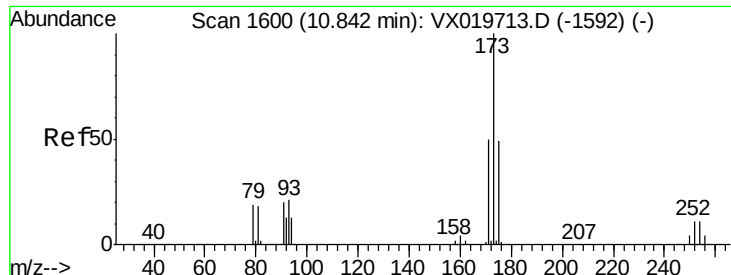
MMDadoda
12/7/2020 10:52:55 AM



#70
Styrene
Concen: 52.488 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	40.0	60.0
103	54.3	43.4	65.0





#71

Bromoform

Concen: 51.313 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:173 Resp: 149918

Ion Ratio Lower Upper

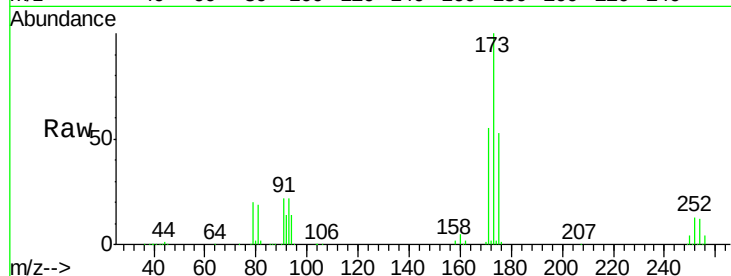
173 100

175 50.7 23.9 71.8

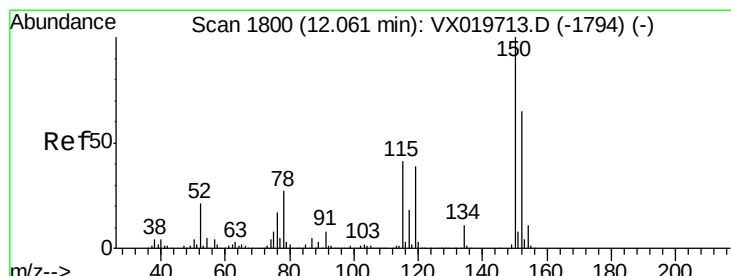
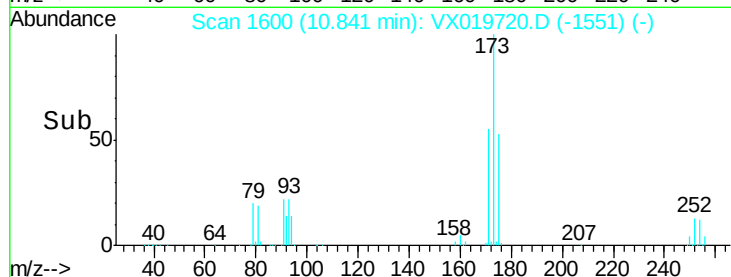
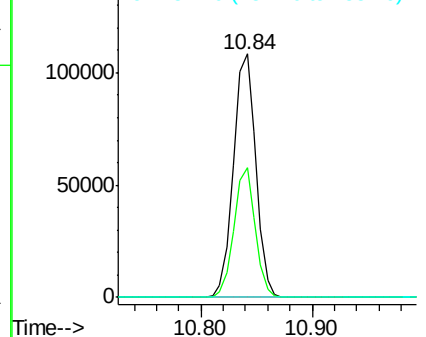
254 0.2 0.1 0.1#

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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: VX019720.D

Acq: 04 Dec 2020 16:33

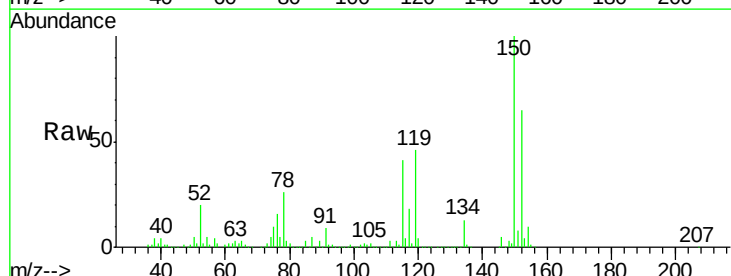
Tgt Ion:152 Resp: 262899

Ion Ratio Lower Upper

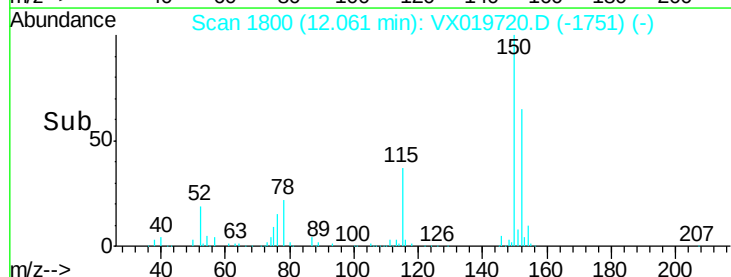
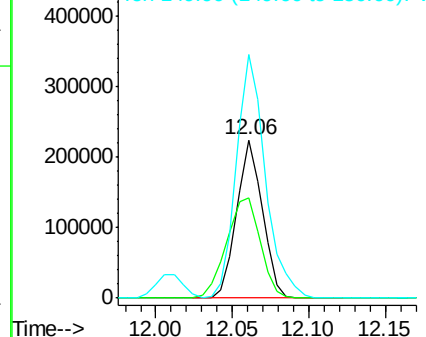
152 100

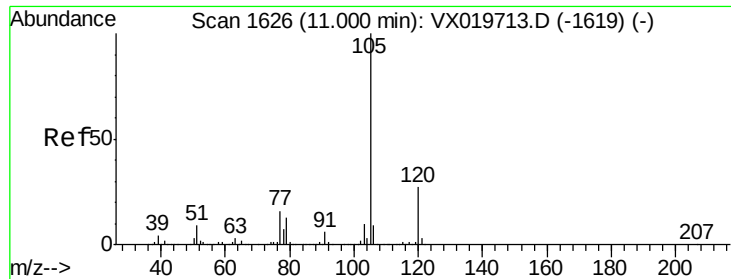
115 82.8 41.1 123.3

150 172.6 0.0 349.0



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: 50.016 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 898345

Ion Ratio Lower Upper

105 100

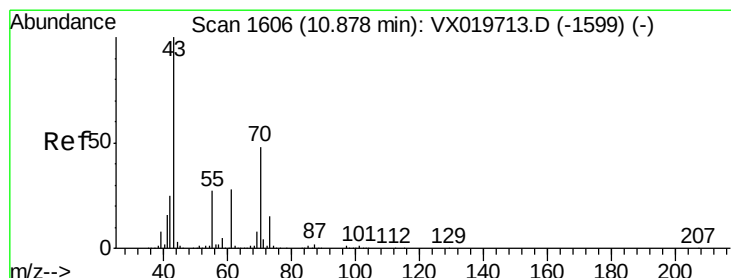
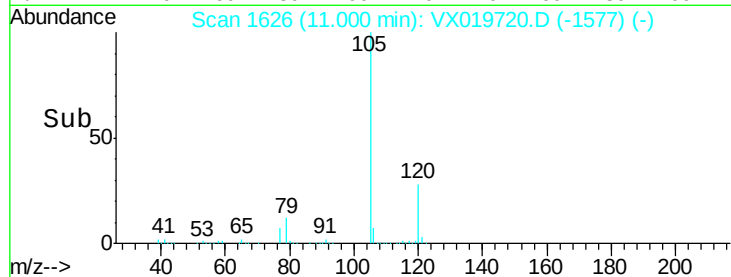
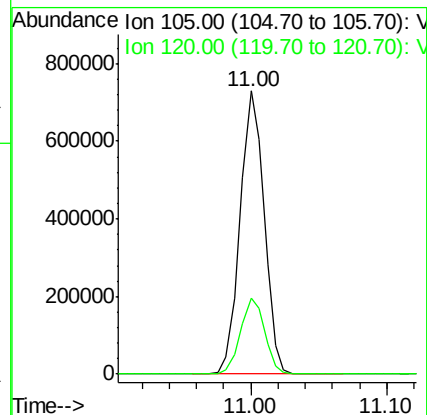
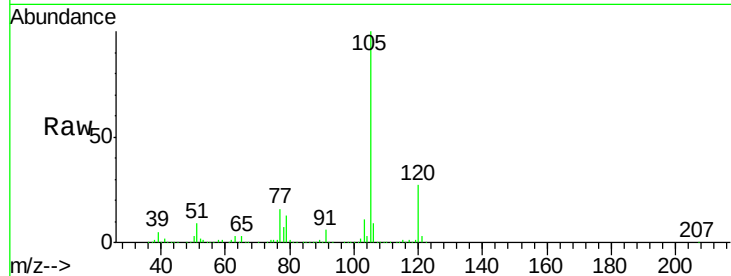
120 26.8 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.792 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion: 43 Resp: 372789

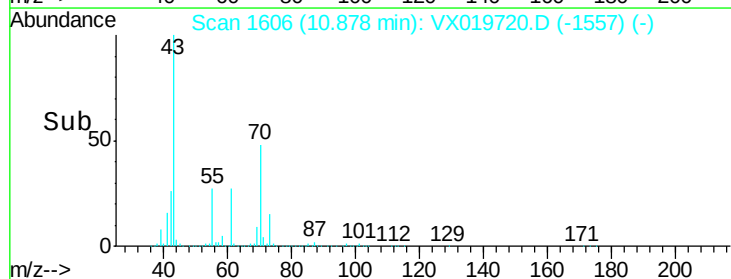
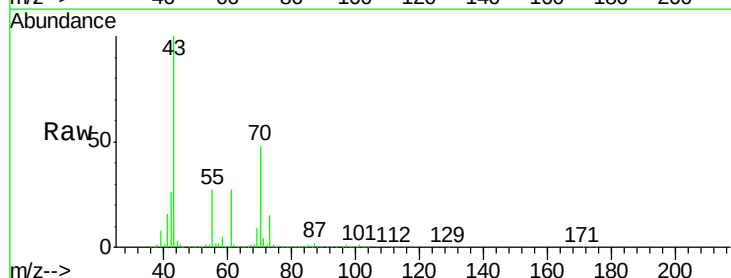
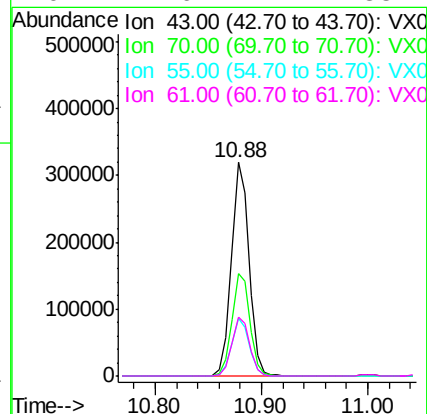
Ion Ratio Lower Upper

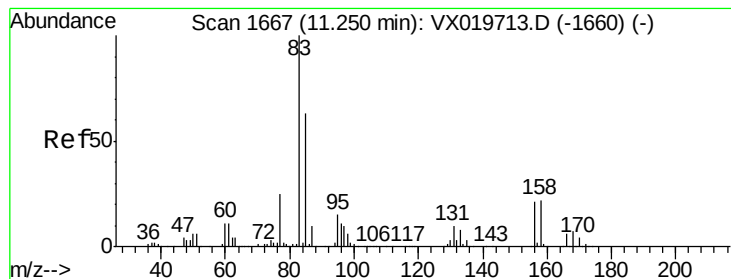
43 100

70 49.0 39.0 58.6

55 27.1 21.5 32.3

61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.830 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

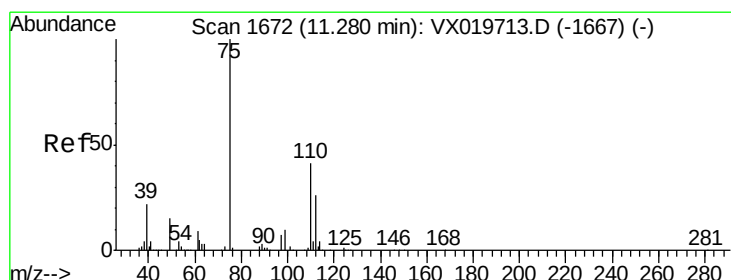
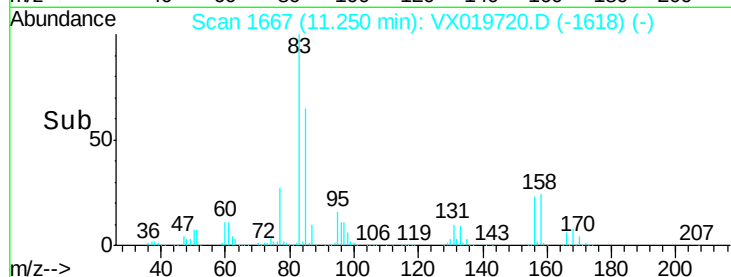
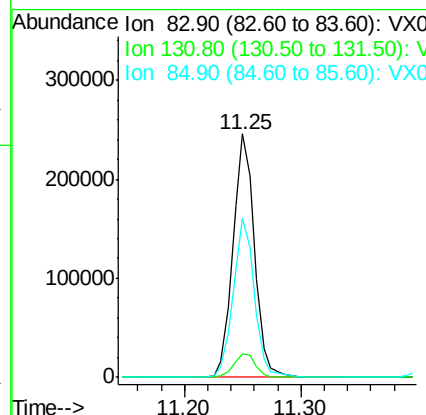
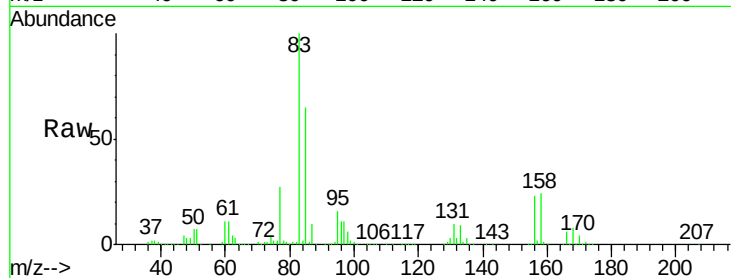
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	315545
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	64.1	31.8	95.4

Manual Integrations
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12/7/2020 10:52:55 AM



#76

1,2,3-Trichloropropane

Concen: 50.054 ug/l m

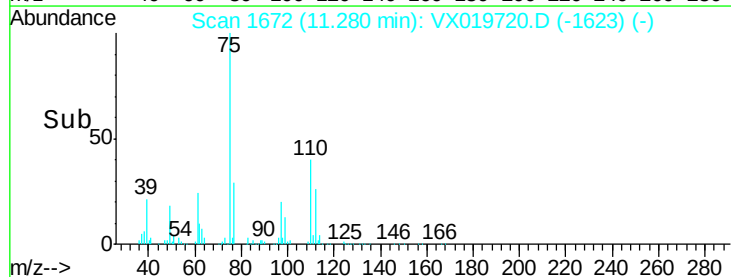
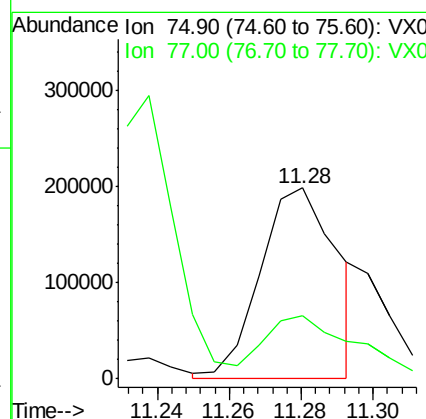
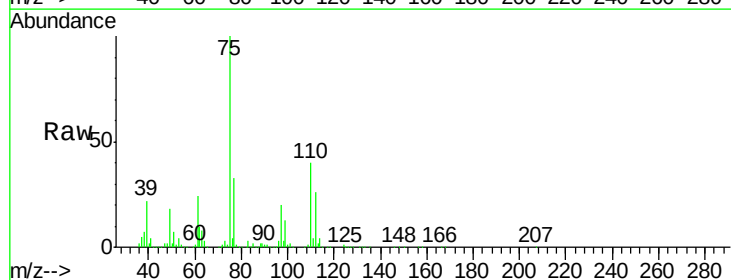
RT: 11.28 min Scan# 1672

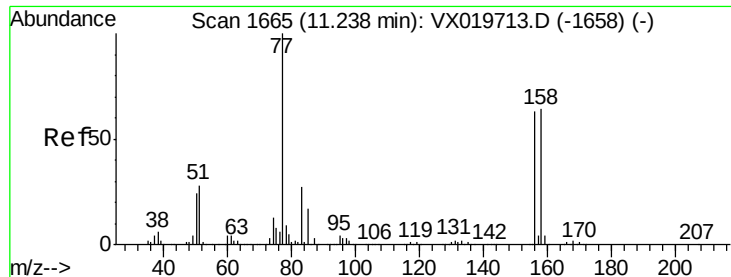
Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion:	75	Resp:	295136
Ion Ratio	Lower	Upper	
75	100		
77	39.4	19.1	57.5





#77

Bromobenzene

Concen: 49.499 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

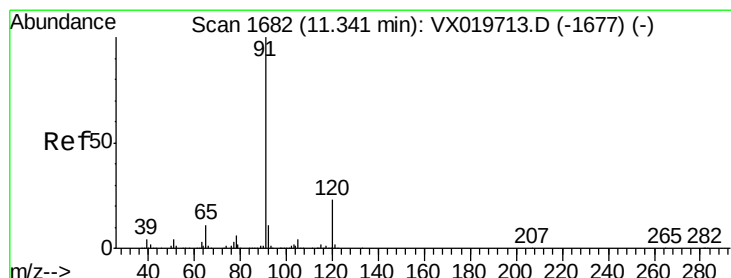
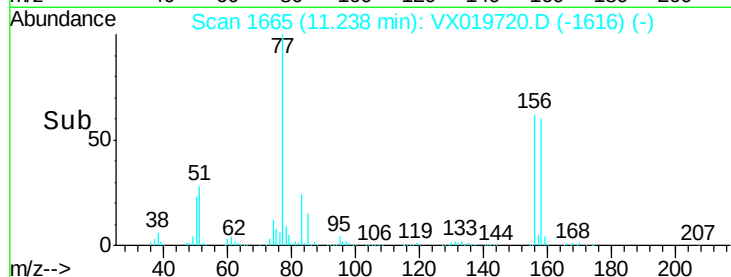
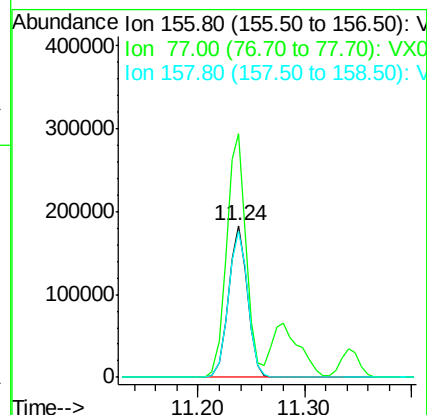
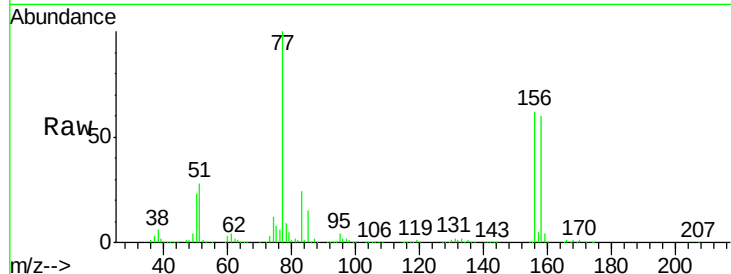
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	227522
Ion Ratio	Lower	Upper	
156	100		
77	165.4	82.8	248.6
158	99.2	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 51.511 ug/l

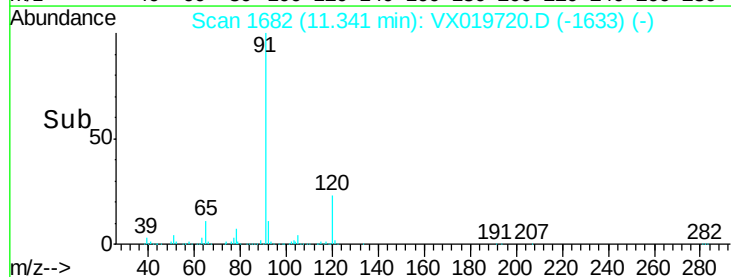
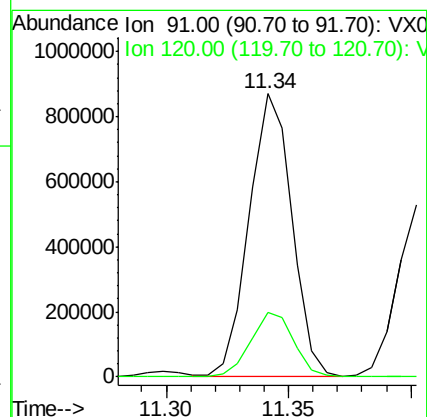
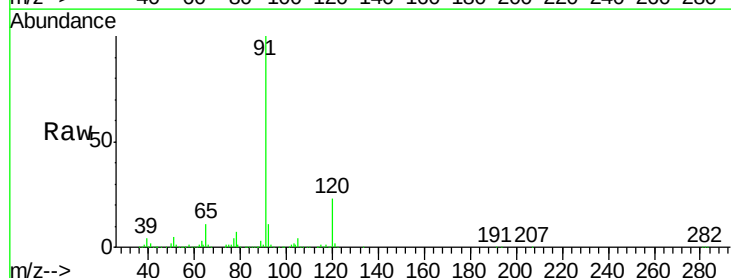
RT: 11.34 min Scan# 1682

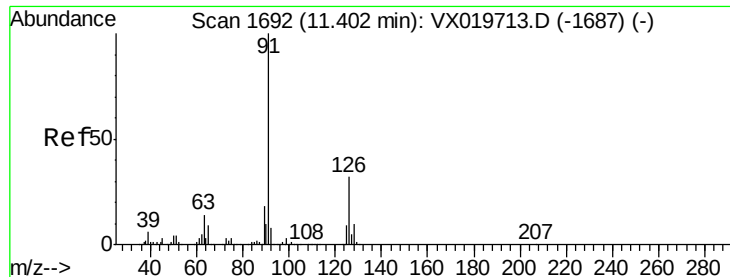
Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion:	91	Resp:	1056717
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 50.661 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 640000

Ion Ratio Lower Upper

91 100

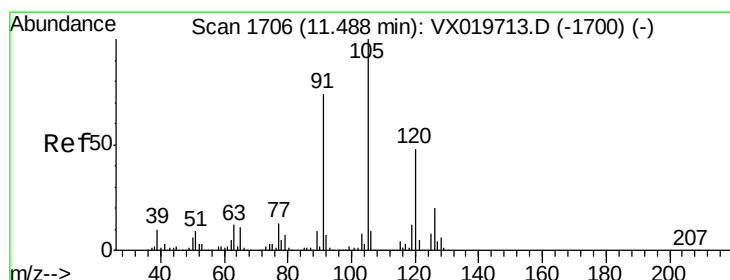
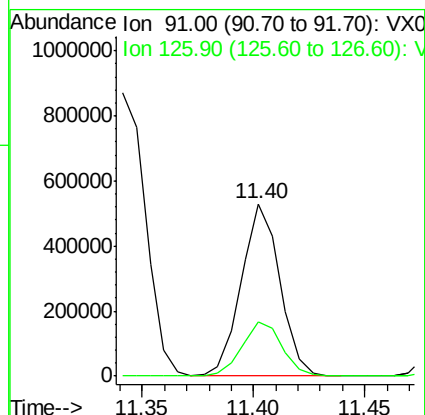
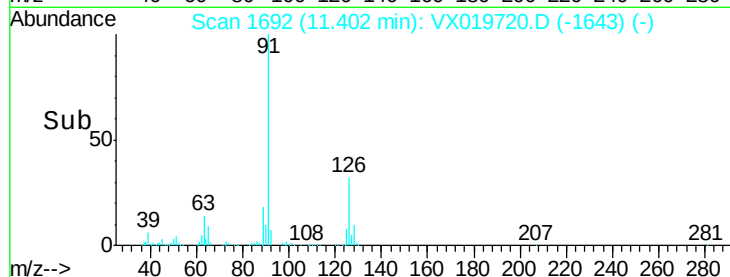
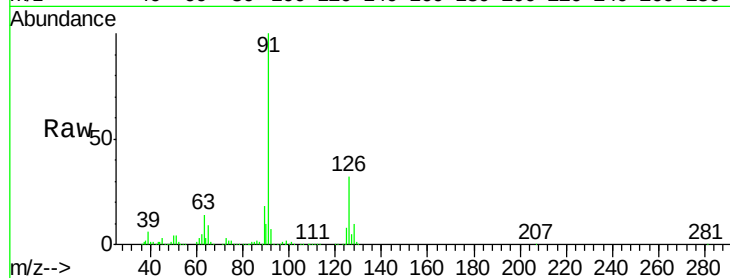
126 32.7 16.6 49.8

Manual Integrations

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MMDadoda

12/7/2020 10:52:55 AM



#80

1,3,5-Trimethylbenzene

Concen: 51.643 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019720.D

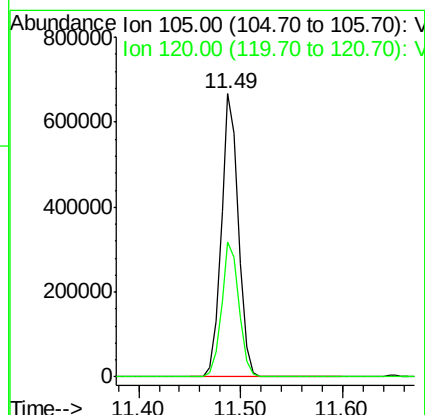
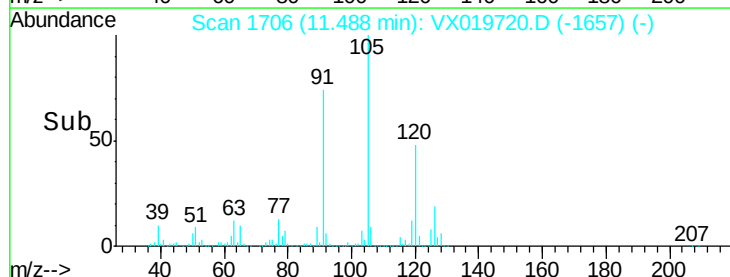
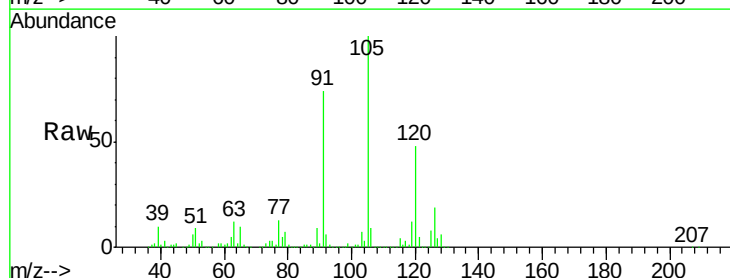
Acq: 04 Dec 2020 16:33

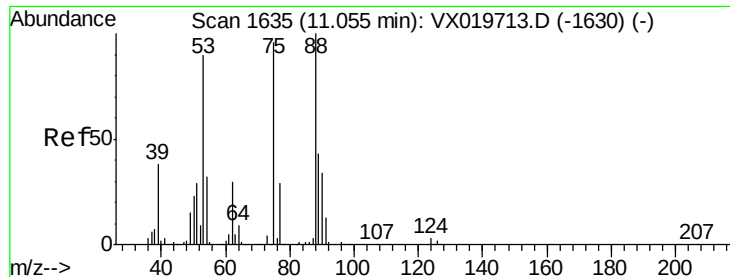
Tgt Ion: 105 Resp: 782833

Ion Ratio Lower Upper

105 100

120 48.3 23.8 71.5





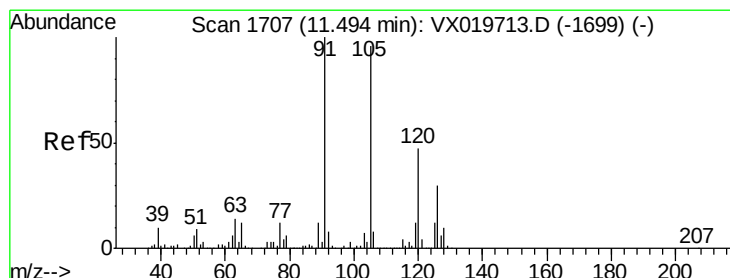
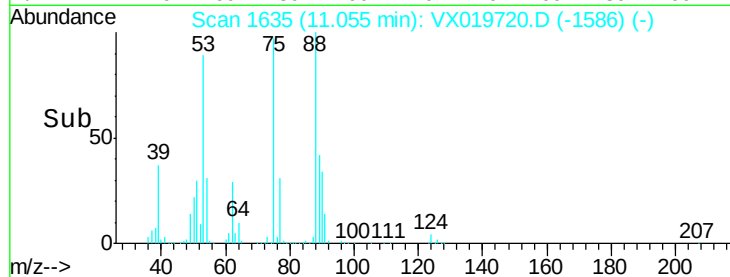
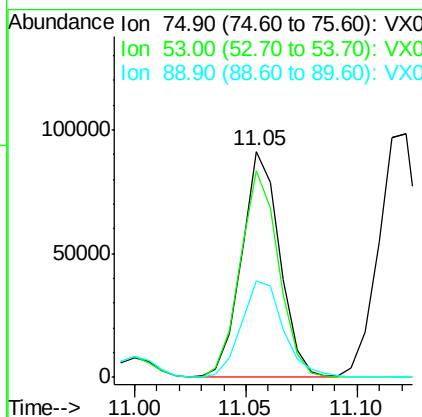
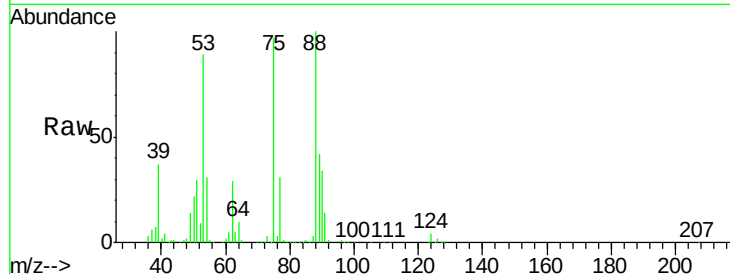
#81
trans-1,4-Dichloro-2-butene
Concen: 53.490 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	74.5	111.7
89	47.6	37.9	56.9

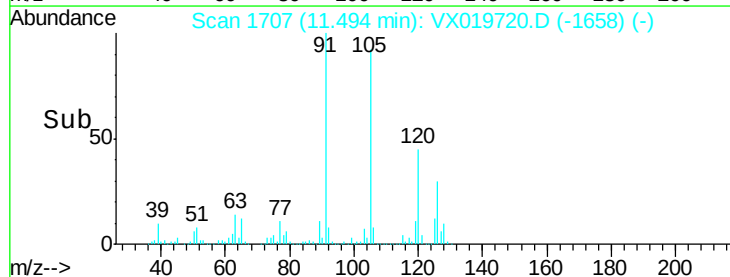
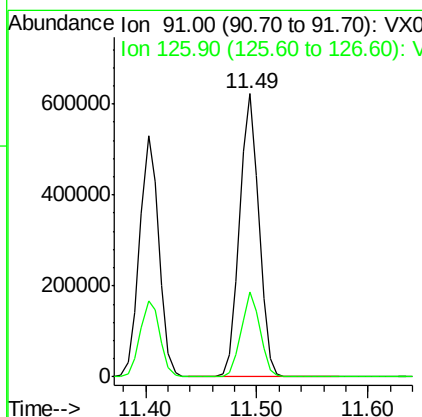
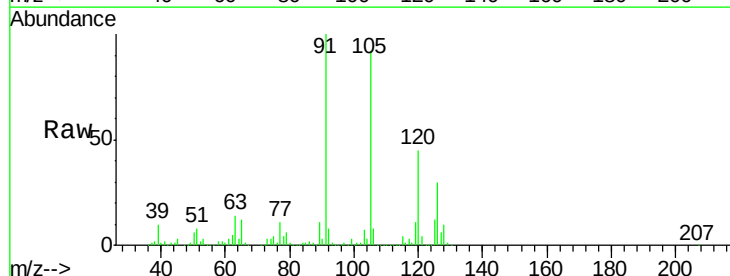
Manual Integrations
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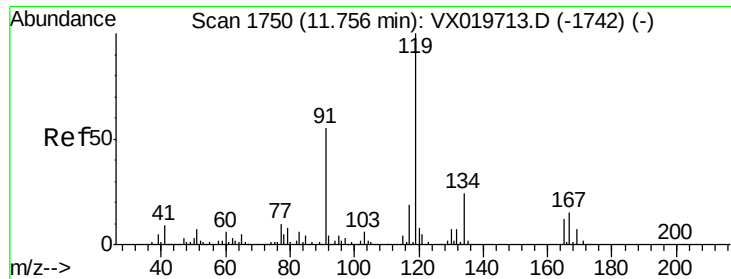
MMDadoda
12/7/2020 10:52:55 AM



#82
4-Chlorotoluene
Concen: 50.873 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.9	44.5





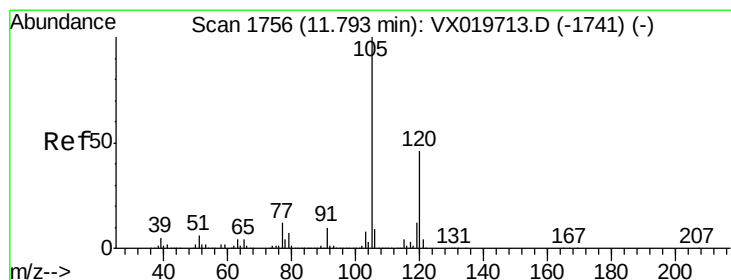
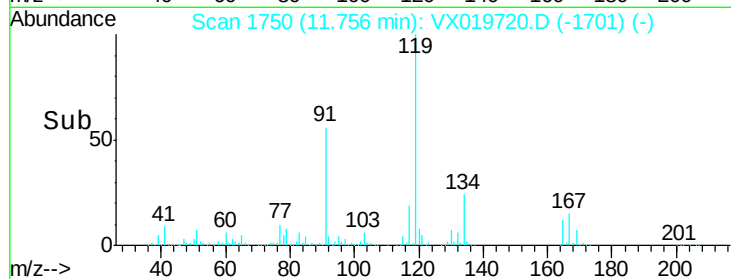
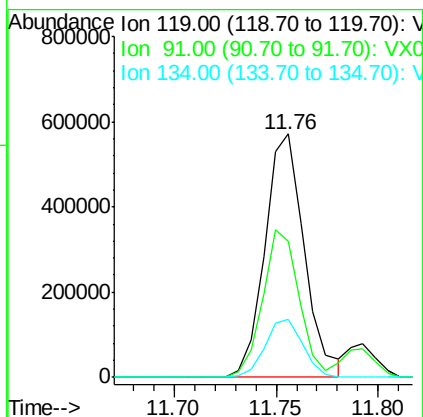
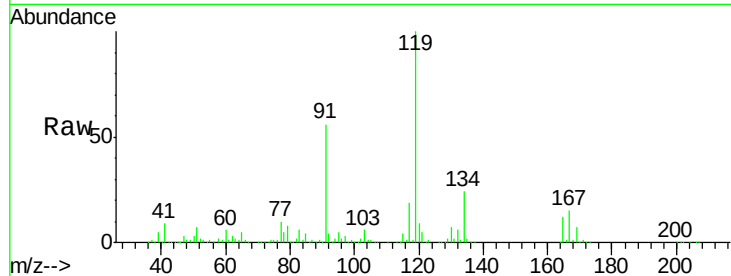
#83
 tert-Butylbenzene
 Concen: 51.640 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	767724		
91	56.1		27.9	83.7
134	23.0		11.3	33.9

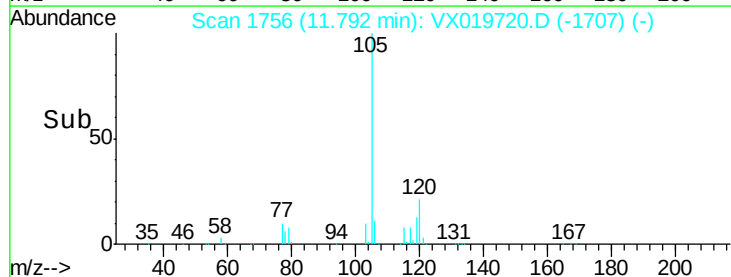
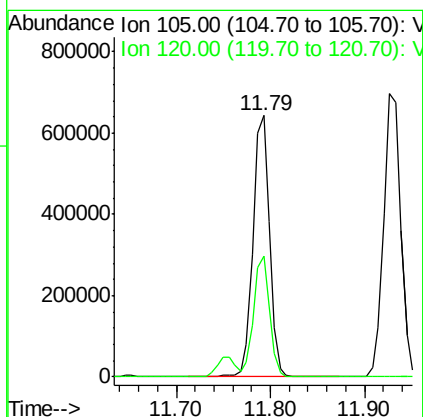
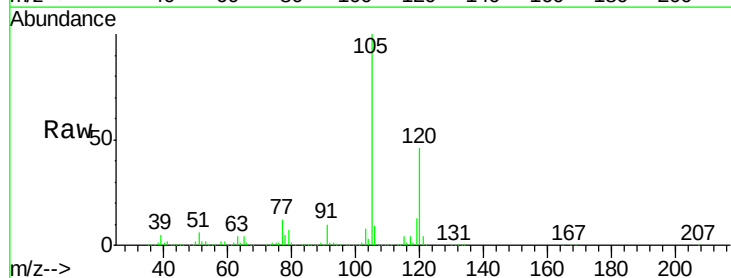
Manual Integrations
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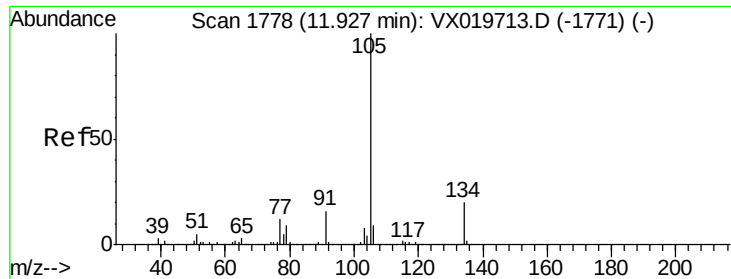
MMDadoda
 12/7/2020 10:52:55 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.262 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	798018		
120	44.7		22.4	67.3





#85

sec-Butylbenzene

Concen: 51.768 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 878707

Ion Ratio Lower Upper

105 100

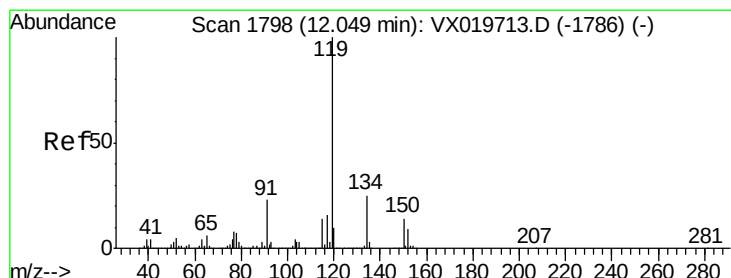
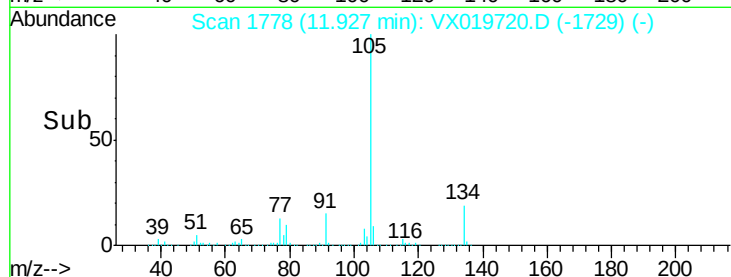
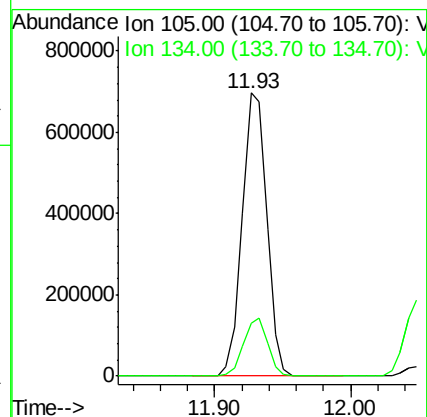
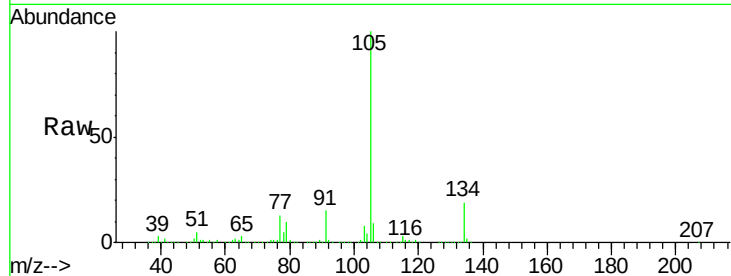
134 19.9 10.0 29.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.552 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

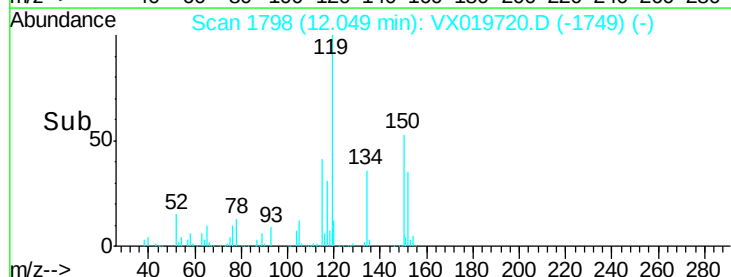
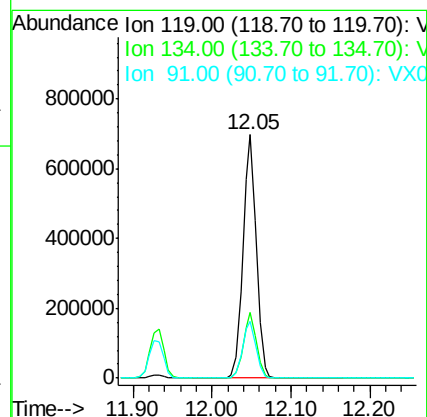
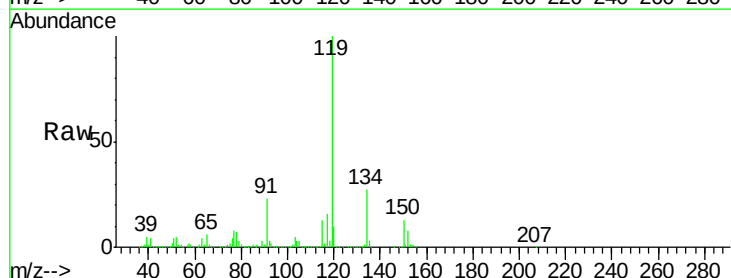
Tgt Ion:119 Resp: 817502

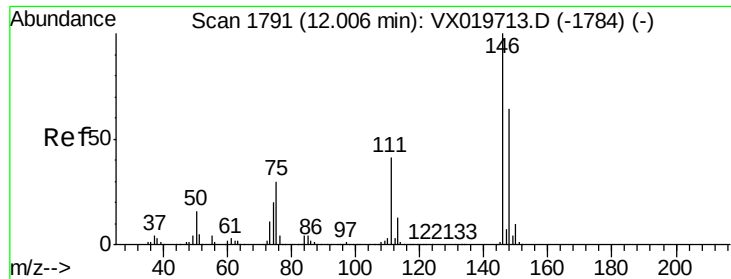
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 23.5 11.7 35.0





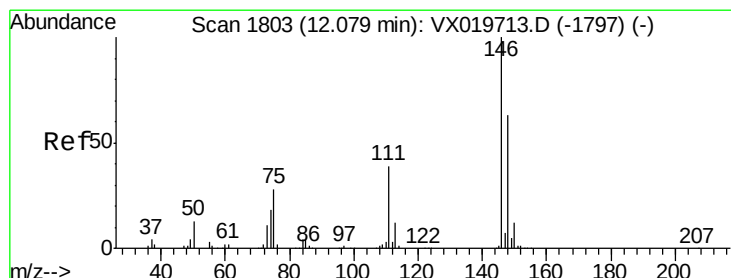
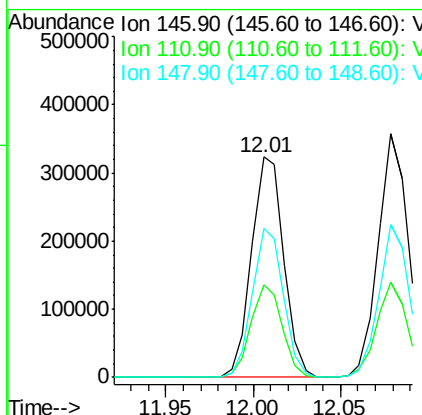
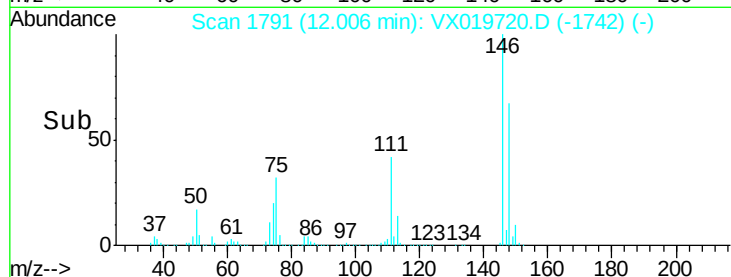
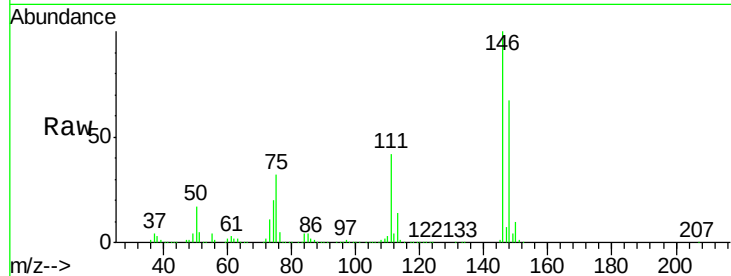
#87
 1,3-Dichlorobenzene
 Concen: 49.347 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.5
148	65.3	31.9	95.7

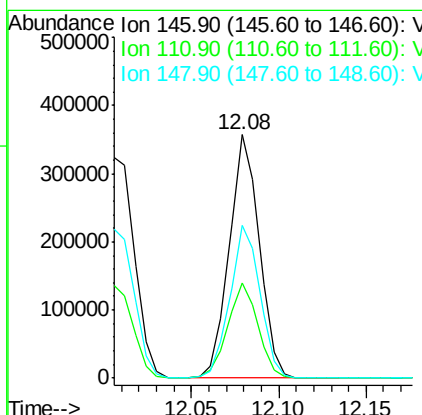
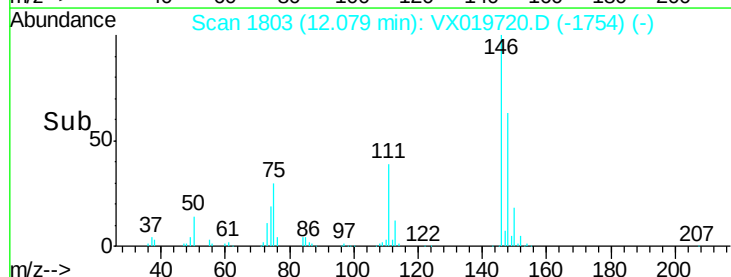
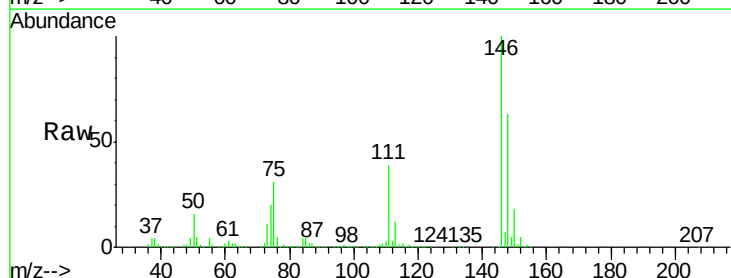
Manual Integrations
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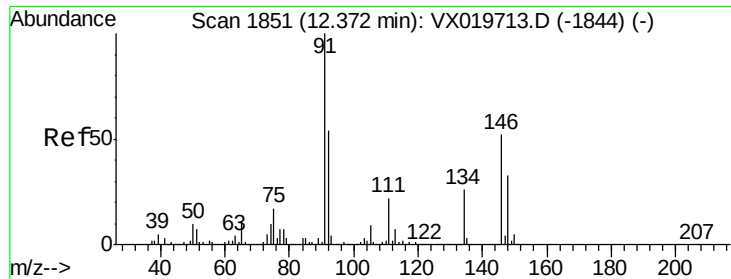
MMDadoda
 12/7/2020 10:52:55 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.684 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	63.3	31.6	95.0





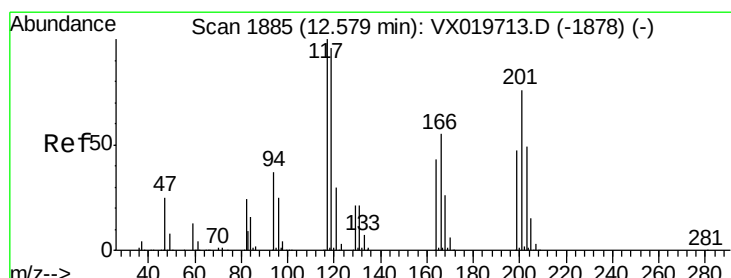
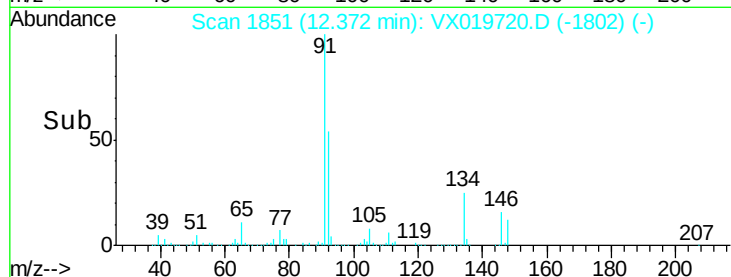
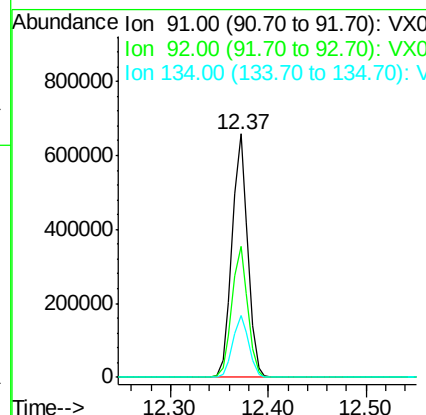
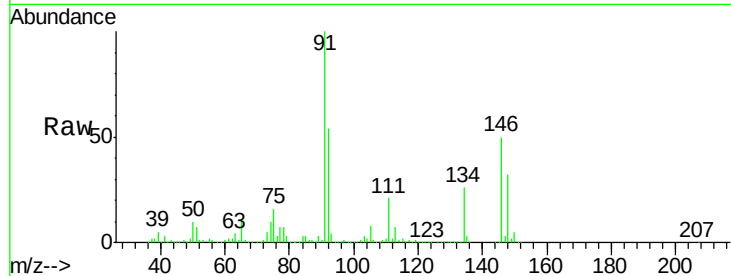
#89
n-Butylbenzene
Concen: 53.174 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.0
134	26.0	13.2	39.5

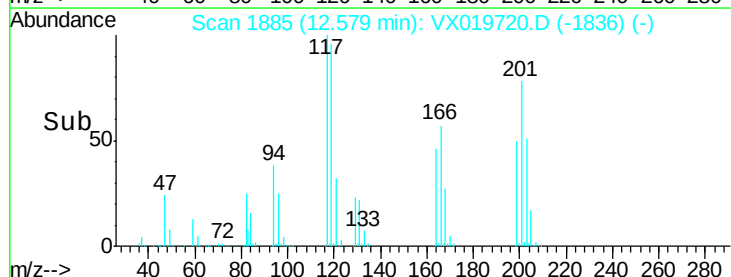
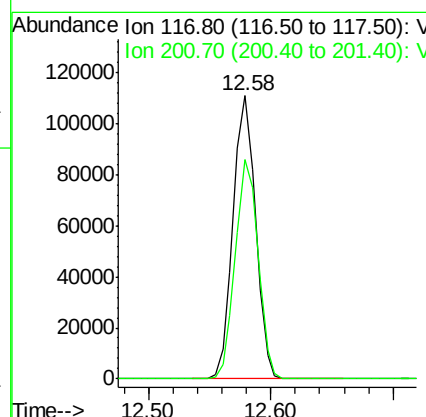
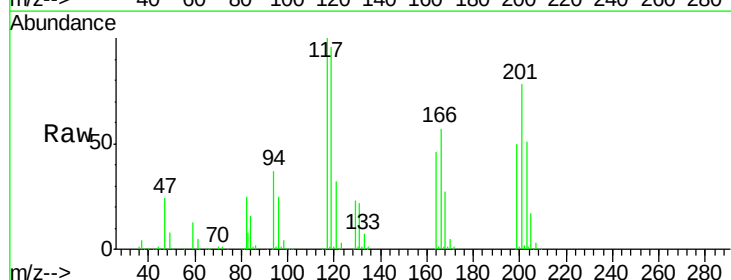
Manual Integrations
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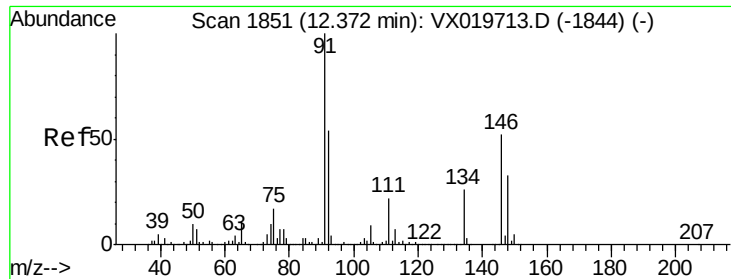
MMDadoda
12/7/2020 10:52:55 AM



#90
Hexachloroethane
Concen: 52.381 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	40.4	121.2





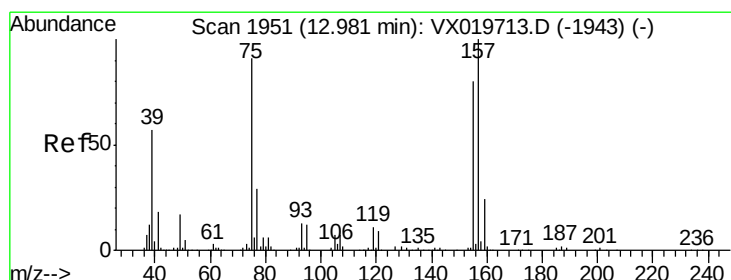
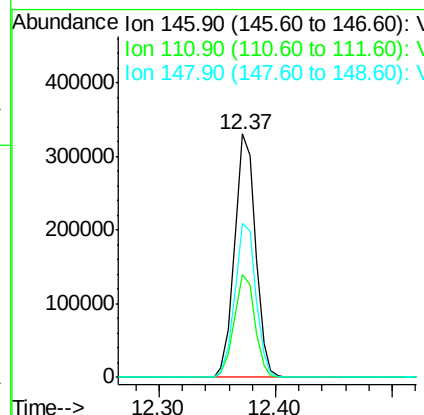
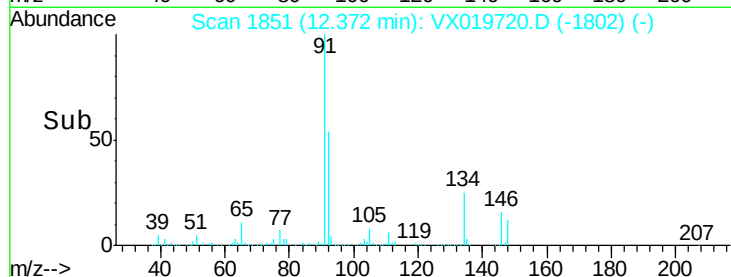
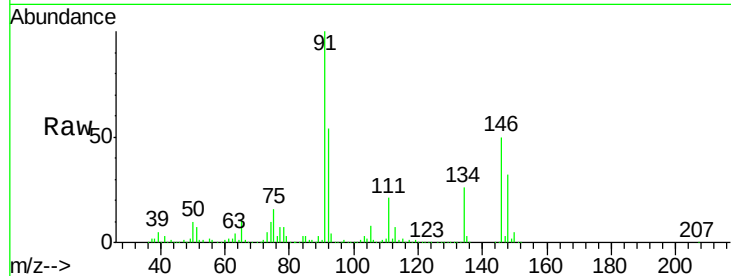
#91
 1,2-Dichlorobenzene
 Concen: 50.432 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.2
148	64.1	31.9	95.5

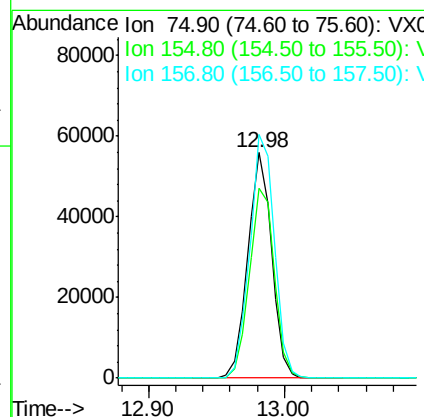
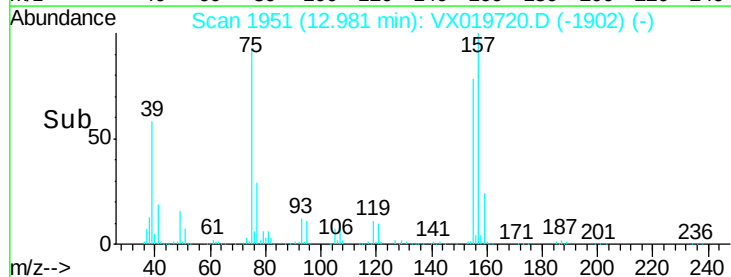
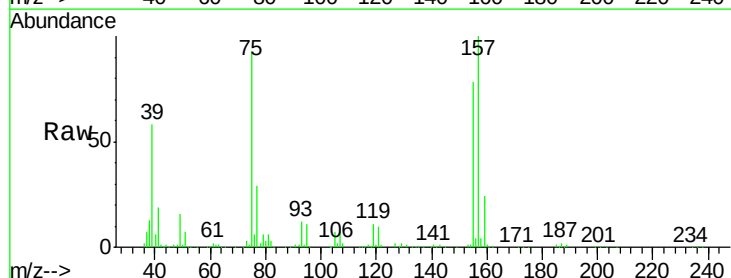
Manual Integrations
 APPROVED

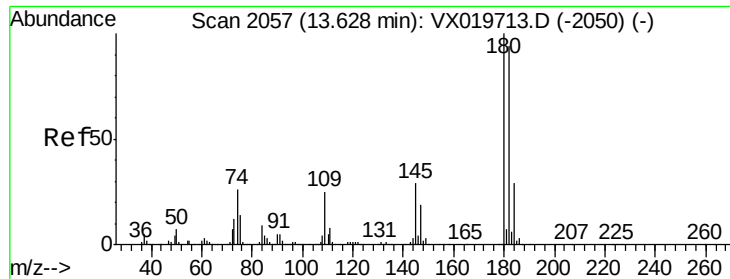
MMDadoda
 12/7/2020 10:52:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.357 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	45.3	135.9
157	111.6	57.7	173.1





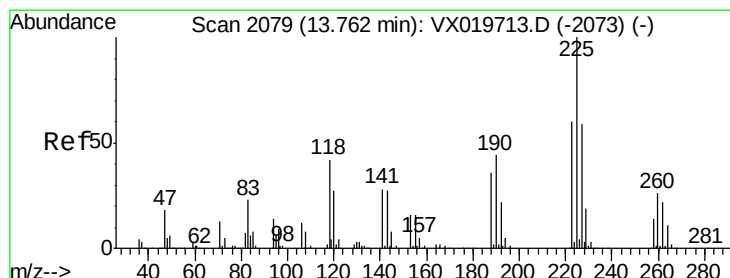
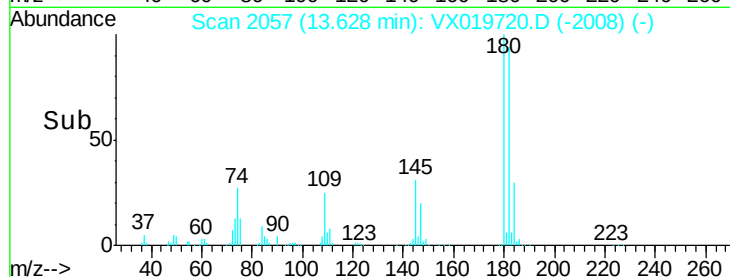
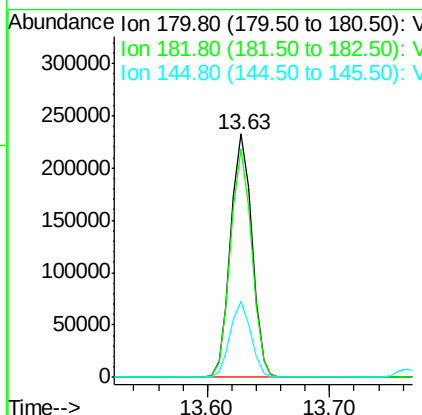
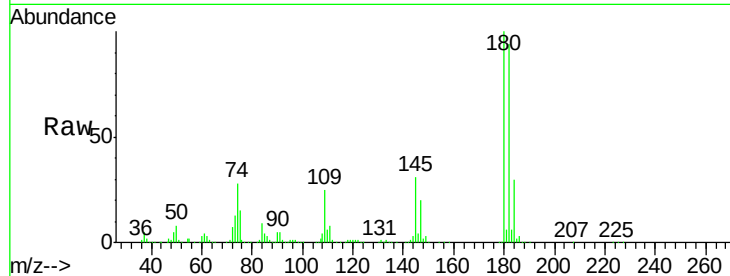
#93
 1,2,4-Trichlorobenzene
 Concen: 52.095 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	278884		
182	93.3	47.7	143.1	
145	30.6	15.0	45.0	

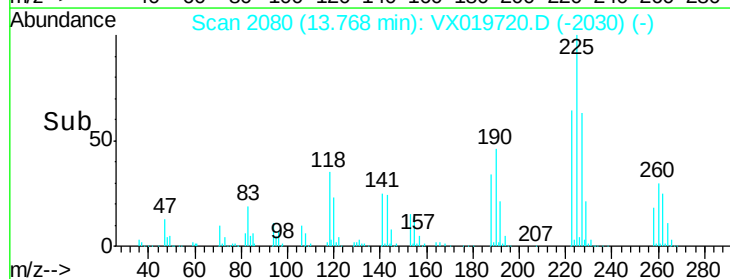
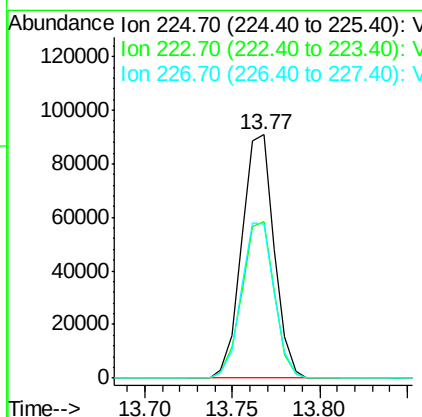
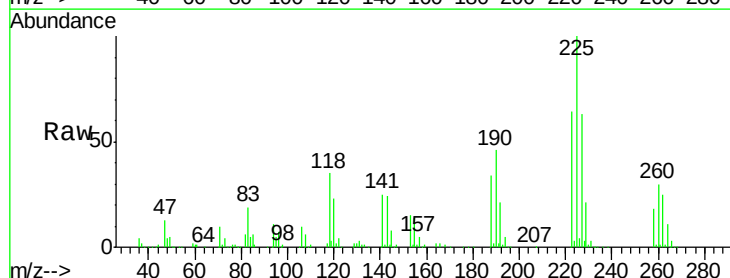
Manual Integrations
 APPROVED

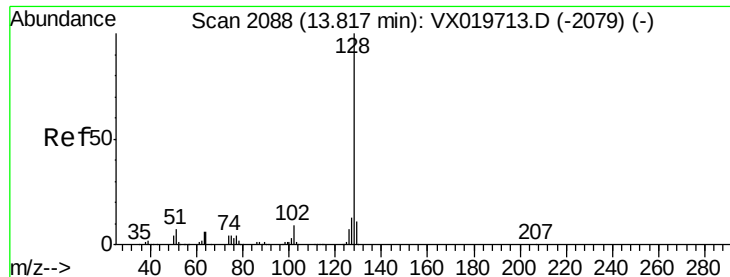
MMDadoda
 12/7/2020 10:52:55 AM



#94
 Hexachlorobutadiene
 Concen: 48.620 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116333		
223	64.4	31.1	93.2	
227	64.6	31.6	95.0	





#95

Naphthalene

Concen: 52.845 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

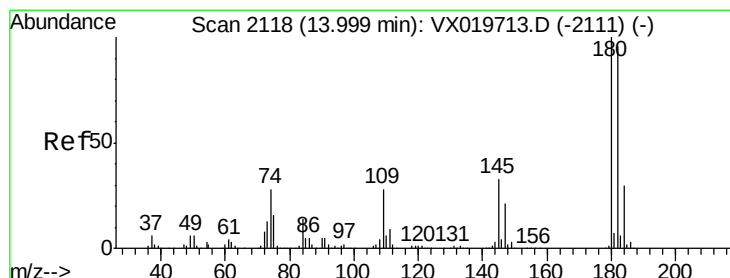
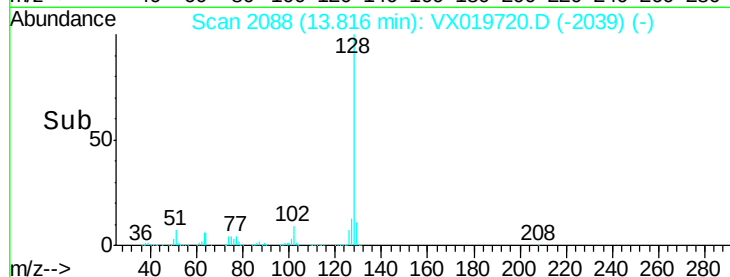
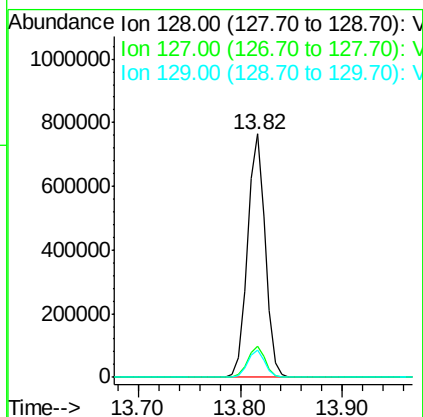
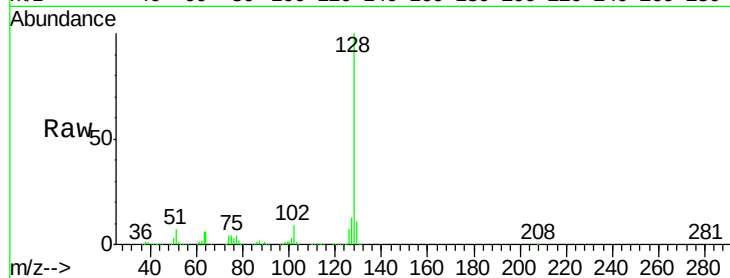
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	917149
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:52:55 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.075 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion:	180	Resp:	267211
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.6	142.9
145	33.3	16.1	48.3

