

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017276.D
 Acq On : 08 Jul 2020 23:24
 Operator : JC/SP
 Sample : VX0708WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0708WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:59 AM

Quant Time: Jul 09 05:27:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50979	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	266981	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	256029	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	112872	28.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.83%
60) 4-Bromofluorobenzene	11.12	95	126950	29.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.10%
63) Toluene-d8	8.70	98	327770	29.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	45115	18.199	ug/l 97
3) Chloromethane	1.31	50	47091	14.008	ug/l 97
4) Vinyl Chloride	1.39	62	50277	14.665	ug/l 100
5) Bromomethane	1.63	94	34326	13.906	ug/l 99
6) Chloroethane	1.72	64	31494	14.244	ug/l 96
7) Trichlorofluoromethane	1.92	101	85663	15.364	ug/l 95
8) Diethyl Ether	2.17	74	28895	14.243	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48371	16.347	ug/l 89
10) 1,1-Dichloroethene	2.36	96	47823	16.387	ug/l 96
11) Methyl Iodide	2.50	142	44412	11.397	ug/l 98
12) Methyl Acetate	2.75	43	63945	17.370	ug/l 95
13) Acrolein	2.27	56	49692	85.546	ug/l 100
14) Acrylonitrile	3.12	53	146222	83.864	ug/l 98
15) Acetone	2.42	58	37949	84.104	ug/l 90
16) Carbon Disulfide	2.55	76	128873	14.047	ug/l 100
17) Allyl chloride	2.71	41	84956	15.550	ug/l 98
18) Methylene Chloride	2.84	84	58665	16.689	ug/l 94
19) trans-1,2-Dichloroethene	3.14	96	53200	16.089	ug/l 97
20) Diisopropyl ether	3.82	45	172387	15.789	ug/l 97
21) 1,1-Dichloroethane	3.67	63	96673	16.057	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	62852	17.072	ug/l 90
23) tert-Butyl Alcohol	3.01	59	57653	74.647	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	171025	16.412	ug/l 100
25) Chloroform	5.18	83	102001	16.710	ug/l 100
26) Cyclohexane	5.55	56	77862	14.826	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	72304	16.624	ug/l 97
30) 2-Butanone	4.64	43	200275	88.344	ug/l 99
31) 2,2-Dichloropropane	4.56	77	72195	14.474	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	94399	17.937	ug/l 98
33) Carbon Tetrachloride	5.76	117	84716	18.152	ug/l 95
34) Benzene	6.12	78	214602	16.946	ug/l 100
35) Methacrylonitrile	5.01	41	43774	17.496	ug/l 94
36) 1,2-Dichloroethane	6.16	62	82576	17.026	ug/l 98
37) Trichloroethene	7.19	130	63111	18.263	ug/l 91
38) Methylcyclohexane	7.44	83	73777	14.895	ug/l 99
39) 1,2-Dichloropropane	7.49	63	55860	16.931	ug/l 91
40) Dibromomethane	7.63	93	40320	17.732	ug/l 91

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	82465	17.514	ug/l	94
42) Vinyl Acetate	3.79	43	744248	81.467	ug/l	99
43) Ethyl Acetate	4.79	43	80013	17.039	ug/l	98
44) Isopropyl Acetate	6.42	43	123899	16.007	ug/l	97
45) 1,4-Dioxane	7.71	88	23972	306.994	ug/l	95
46) Methyl methacrylate	7.74	41	61692	17.223	ug/l	89
47) n-amyl Acetate	10.88	43	104851	15.326	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	84447	16.220	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	92411	16.890	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	58211	18.343	ug/l	99
51) Ethyl methacrylate	9.16	69	81053	16.643	ug/l	96
52) 1,3-Dichloropropane	9.35	76	94256	17.300	ug/l	96
53) Dibromochloromethane	9.57	129	69734	19.118	ug/l	96
54) 1,2-Dibromoethane	9.65	107	62781	18.644	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	232525	90.728	ug/l	97
56) Bromoform	10.84	173	52719	20.361	ug/l #	98
58) 4-Methyl-2-Pentanone	8.62	43	395507	83.863	ug/l	97
59) 2-Hexanone	9.47	43	294185	83.582	ug/l	96
61) Tetrachloroethene	9.32	164	63418	19.423	ug/l	94
62) Toluene	8.77	91	233821	16.697	ug/l	99
64) Chlorobenzene	10.12	112	153550	17.502	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	61283	18.555	ug/l	98
66) Ethyl Benzene	10.23	91	255359	16.444	ug/l	99
67) m/p-Xylenes	10.34	106	200236	34.181	ug/l	97
68) o-Xylene	10.68	106	93145	16.552	ug/l	100
69) Styrene	10.70	104	164580	17.081	ug/l	97
70) Isopropylbenzene	11.00	105	255640	16.749	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	84371	18.000	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	82221m	18.266	ug/l	
73) Bromobenzene	11.24	156	69999	18.172	ug/l	95
74) n-propylbenzene	11.34	91	291061	16.061	ug/l	99
75) 2-Chlorotoluene	11.40	91	176842	16.734	ug/l	97
76) 1,3,5-Trimethylbenzene	11.49	105	221233	17.269	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	27199	14.910	ug/l	98
78) 4-Chlorotoluene	11.49	91	213529	17.066	ug/l	100
79) tert-butylbenzene	11.76	119	207427	16.901	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	221485	17.221	ug/l	98
81) sec-Butylbenzene	11.93	105	240485	16.184	ug/l	99
82) p-Isopropyltoluene	12.05	119	225362	16.797	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	129318	18.734	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	130461	18.810	ug/l	99
85) n-Butylbenzene	12.37	91	183675	14.790	ug/l	98
86) Hexachloroethane	12.58	117	44993	17.136	ug/l	91
87) 1,2-Dichlorobenzene	12.37	146	125446	19.416	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20083	18.832	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	81849	18.777	ug/l	95
90) Hexachlorobutadiene	13.76	225	30643	18.480	ug/l	98
91) Naphthalene	13.82	128	253039	17.710	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	78643	18.487	ug/l	97

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ClientSampleId :
VX0708WBS02

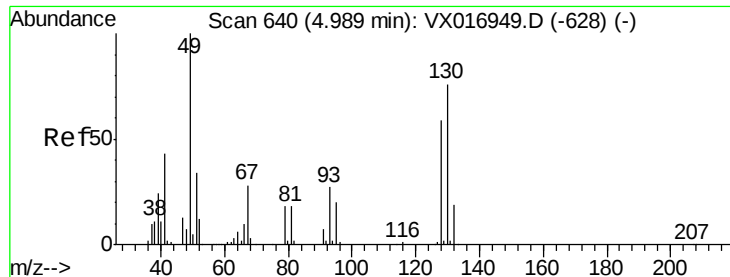
Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:59:59 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion:128 Resp: 50979

Ion Ratio Lower Upper

128 100

49 145.6 0.0 428.0

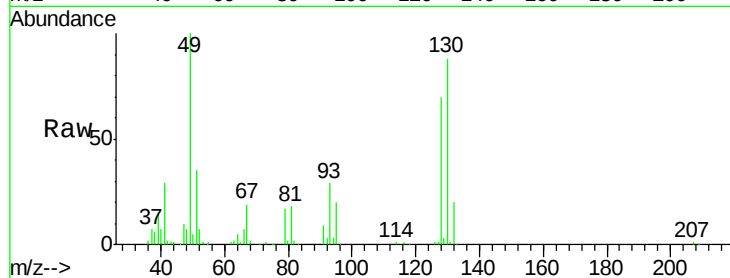
130 128.5 0.0 318.0

Manual Integrations

APPROVED

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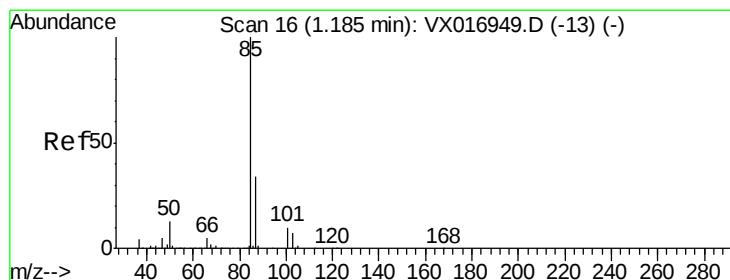
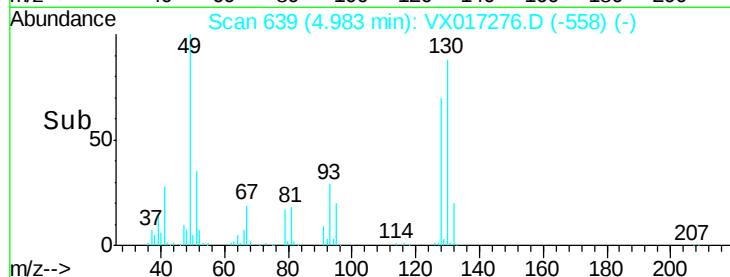
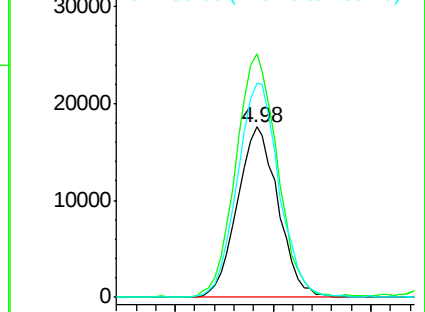
7/9/2020 10:59:59 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.199 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017276.D

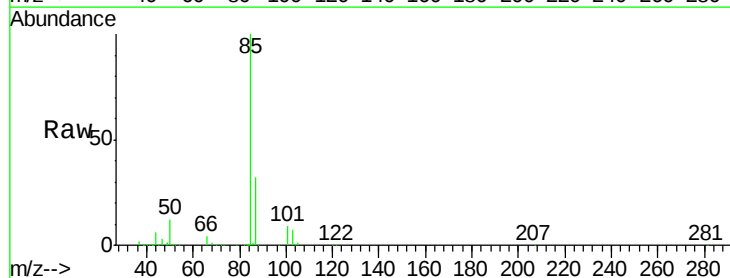
Acq: 08 Jul 2020 23:24

Tgt Ion: 85 Resp: 45115

Ion Ratio Lower Upper

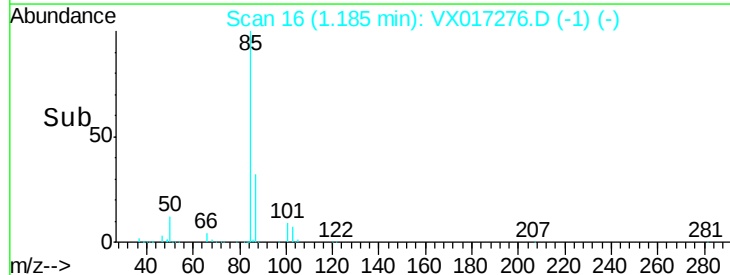
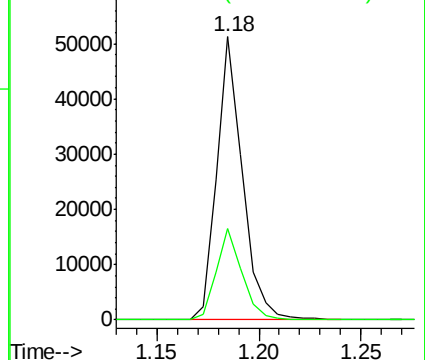
85 100

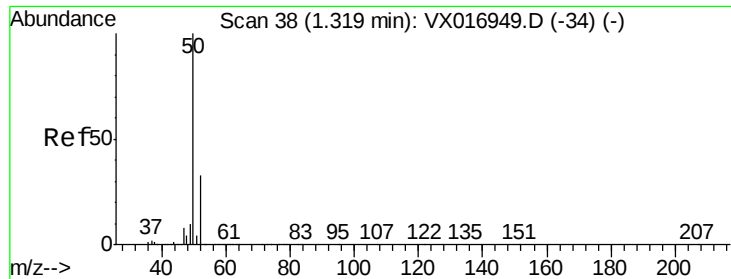
87 32.3 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 14.008 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 50 Resp: 47091

Ion Ratio Lower Upper

50 100

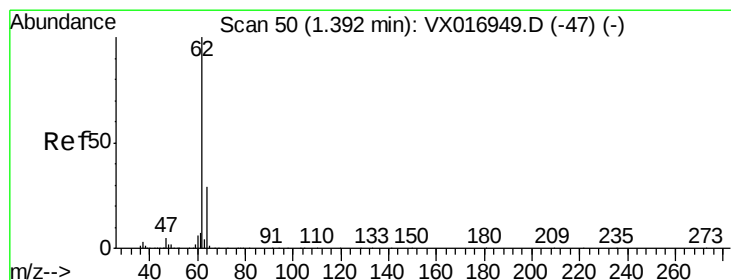
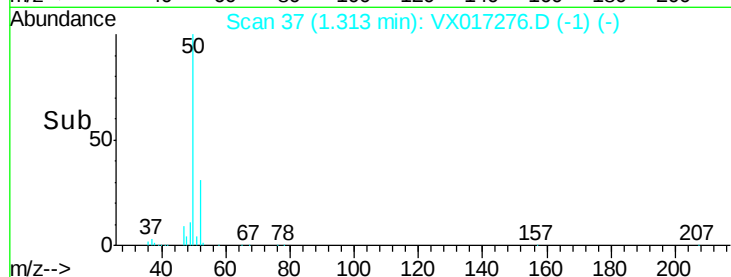
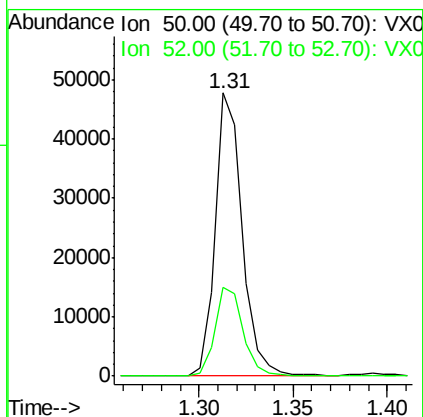
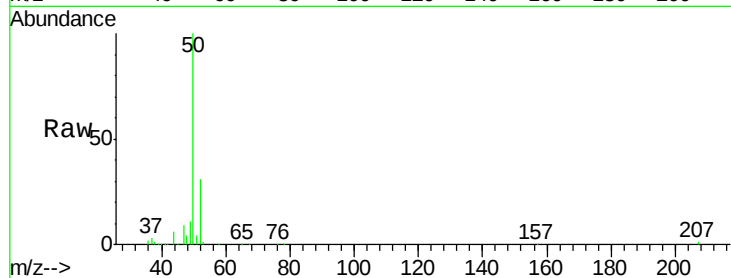
52 31.3 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 14.665 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017276.D

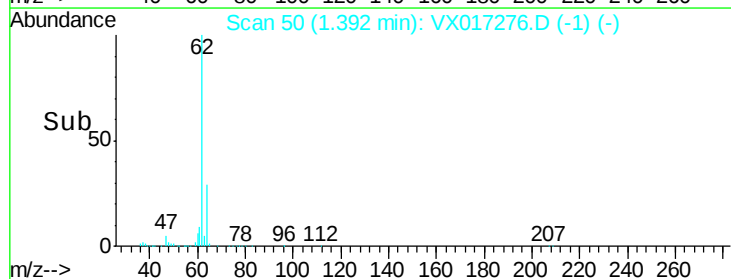
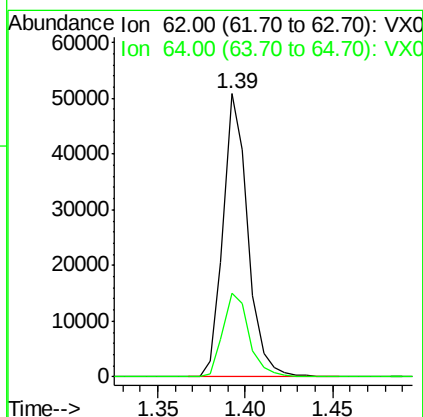
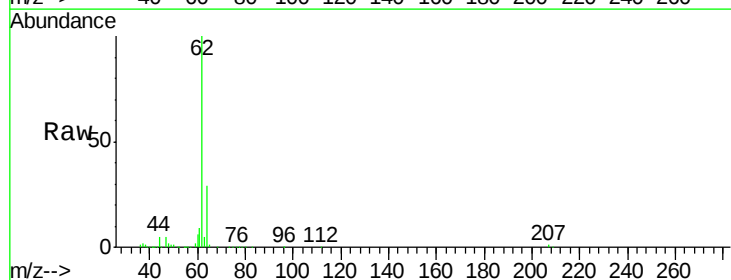
Acq: 08 Jul 2020 23:24

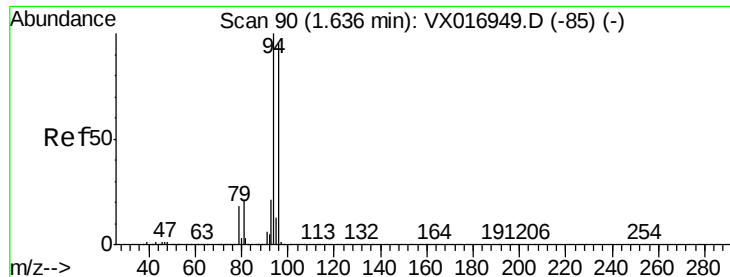
Tgt Ion: 62 Resp: 50277

Ion Ratio Lower Upper

62 100

64 29.3 23.4 35.0





#5

Bromomethane

Concen: 13.906 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 94 Resp: 34326

Ion Ratio Lower Upper

94 100

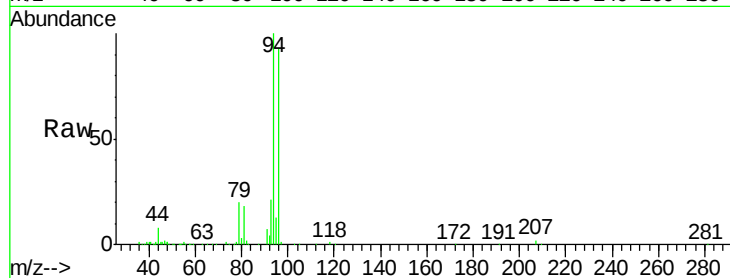
96 93.0 75.5 113.3

Manual Integrations

APPROVED

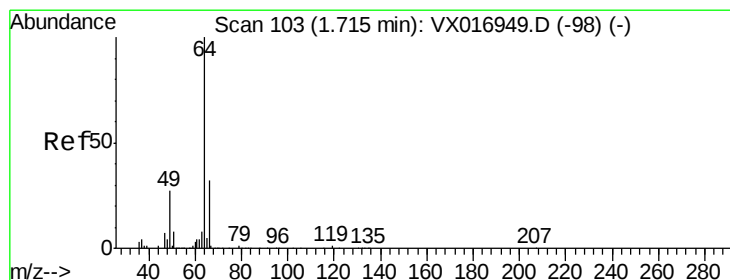
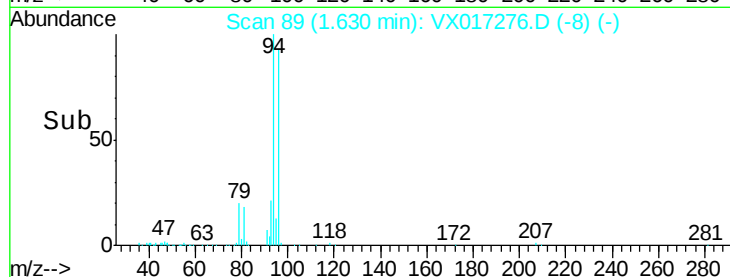
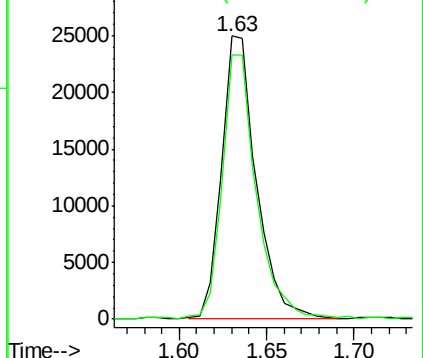
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 14.244 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017276.D

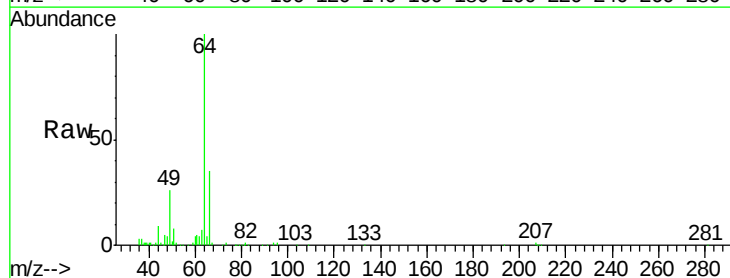
Acq: 08 Jul 2020 23:24

Tgt Ion: 64 Resp: 31494

Ion Ratio Lower Upper

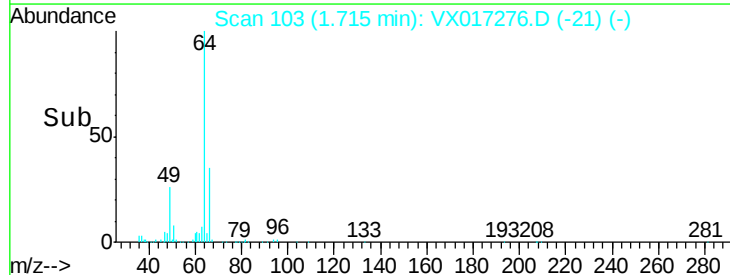
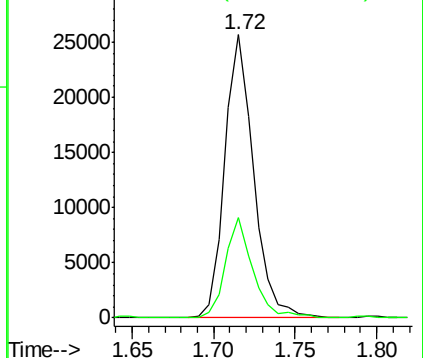
64 100

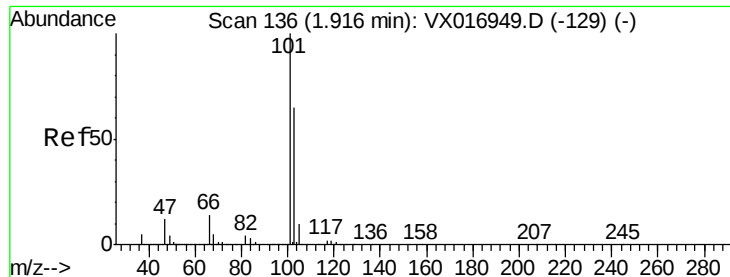
66 35.1 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

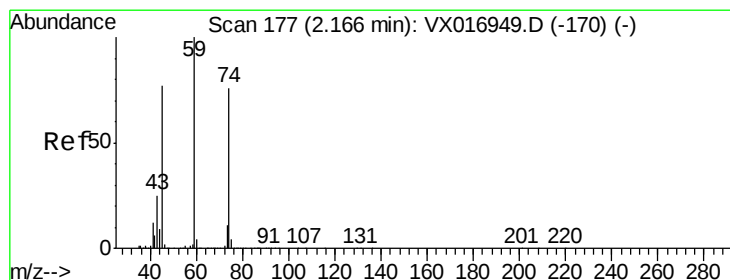
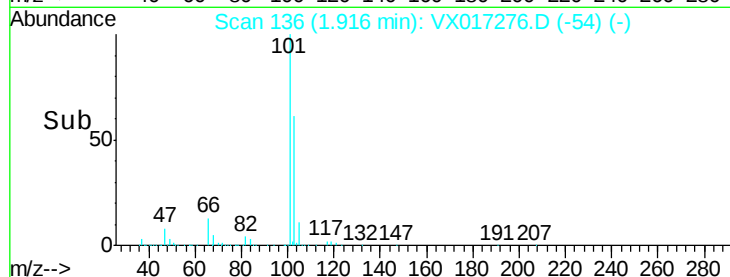
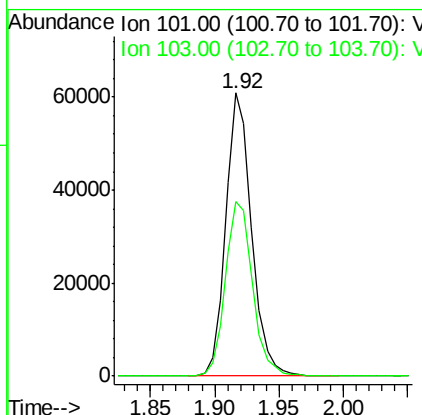
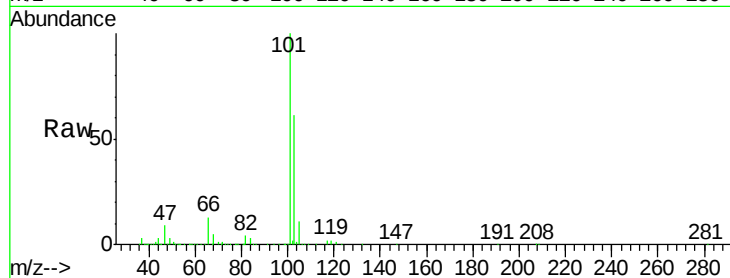
Trichlorofluoromethane
Concen: 15.364 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	52.1	78.1

Manual Integrations
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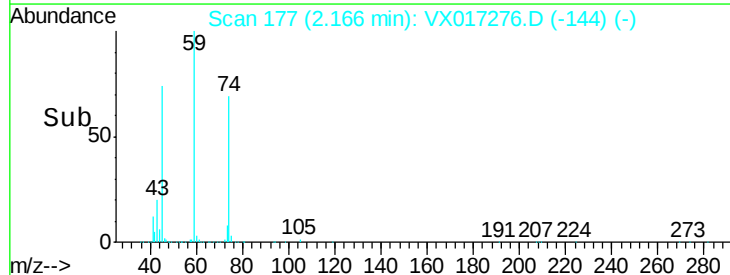
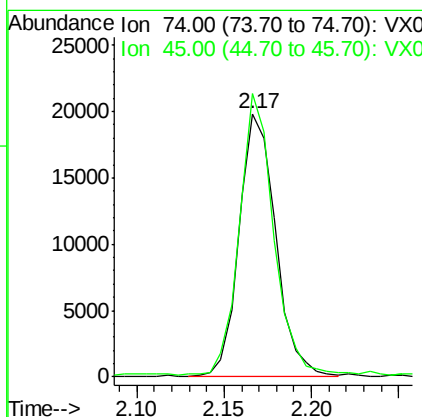
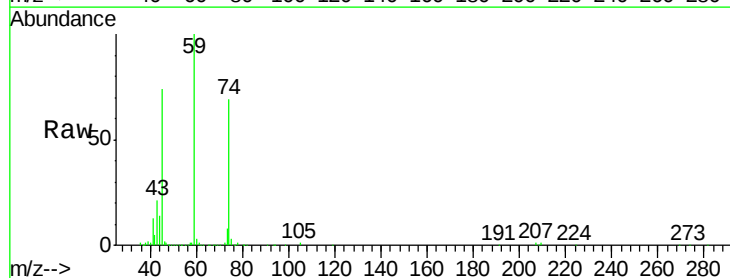
MMDadoda
7/9/2020 10:59:59 AM

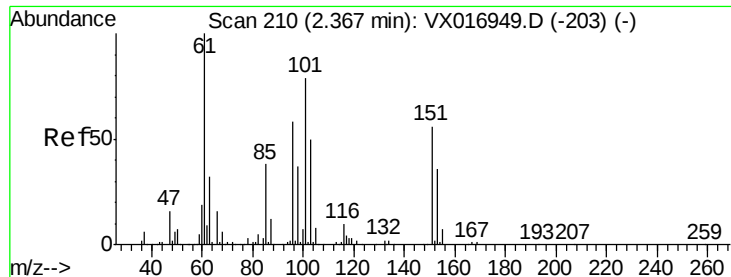


#8

Diethyl Ether
Concen: 14.243 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.347 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

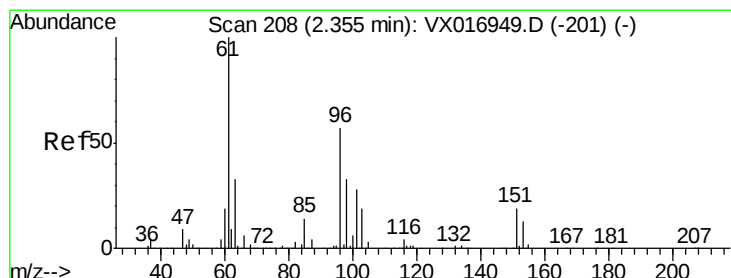
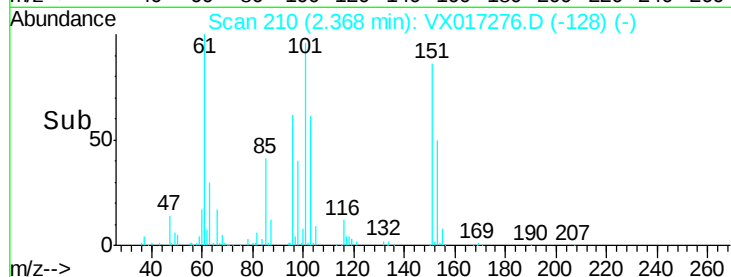
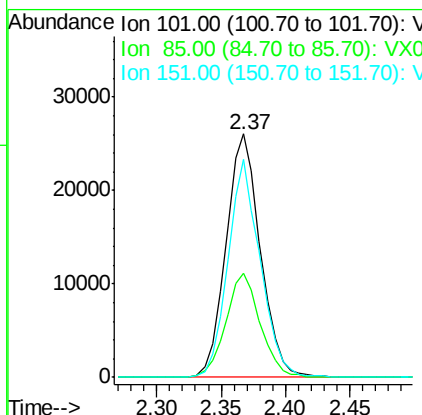
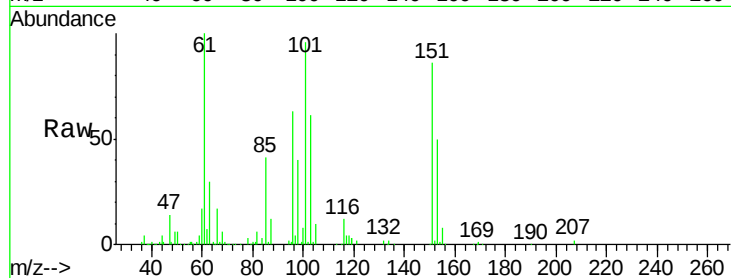
ClientSampled :

VX0708WBS02

Tot Ion:	101	Resp:	48371
Ion Ratio	Lower	Upper	
101	100		
85	42.9	0.0	94.6
151	84.0	0.0	145.8

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7/9/2020 10:59:59 AM



#10

1,1-Dichloroethene

Concen: 16.387 ug/l

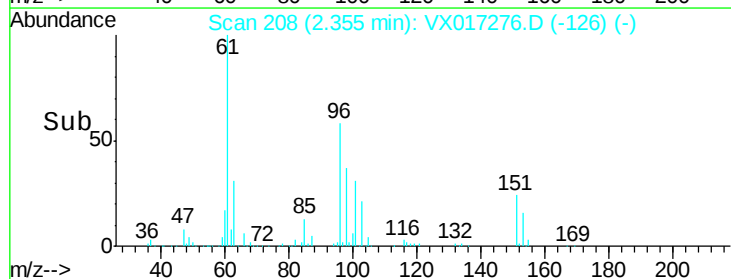
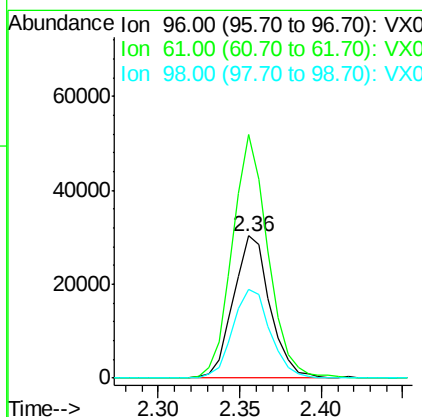
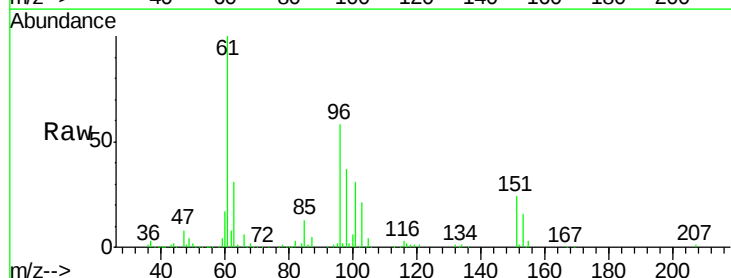
RT: 2.36 min Scan# 208

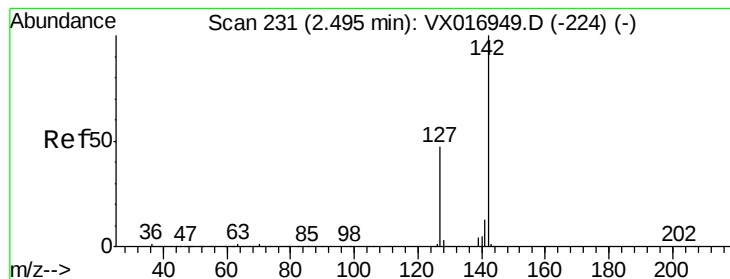
Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Tgt Ion:	96	Resp:	47823
Ion Ratio	Lower	Upper	
96	100		
61	170.8	141.3	211.9
98	62.5	47.0	70.4





#11

Methyl Iodide

Concen: 11.397 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS02

Tot Ion:142 Resp: 44412

Ion Ratio Lower Upper

142 100

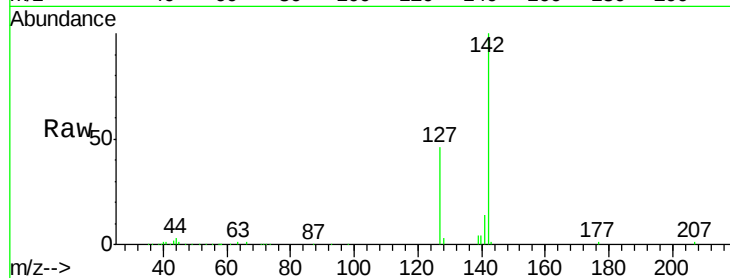
127 45.3 23.3 69.9

141 13.6 6.7 20.1

Manual Integrations
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MMDadoda

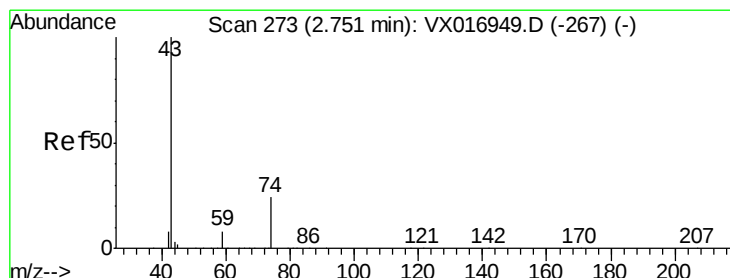
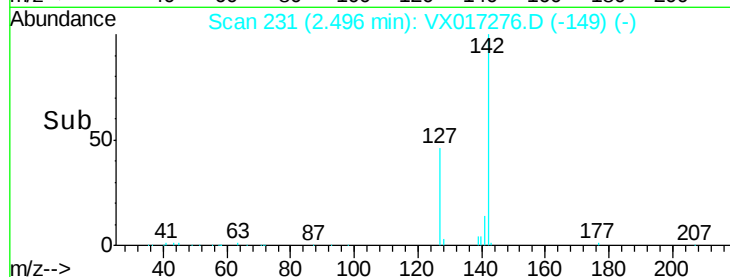
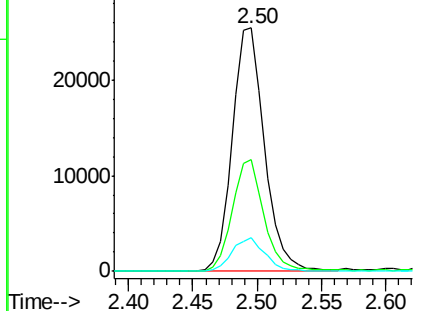
7/9/2020 10:59:59 AM



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 17.370 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017276.D

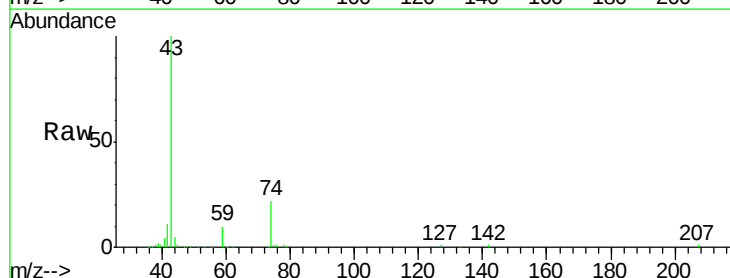
Acq: 08 Jul 2020 23:24

Tgt Ion: 43 Resp: 63945

Ion Ratio Lower Upper

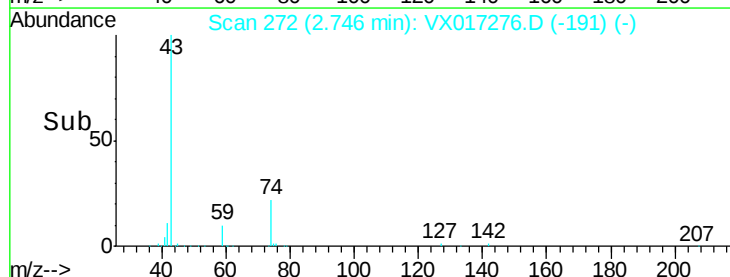
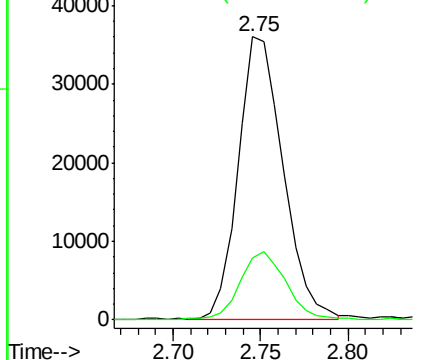
43 100

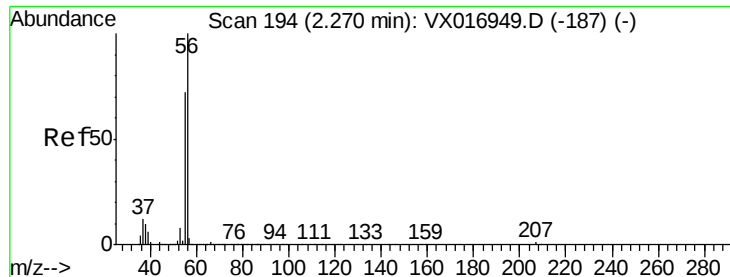
74 21.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 85.546 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 56 Resp: 49692

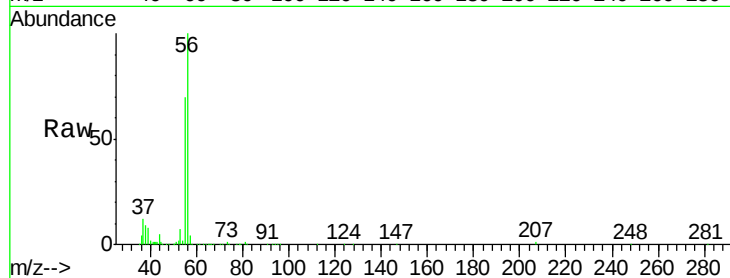
Ion Ratio Lower Upper

56 100

55 70.4 56.2 84.4

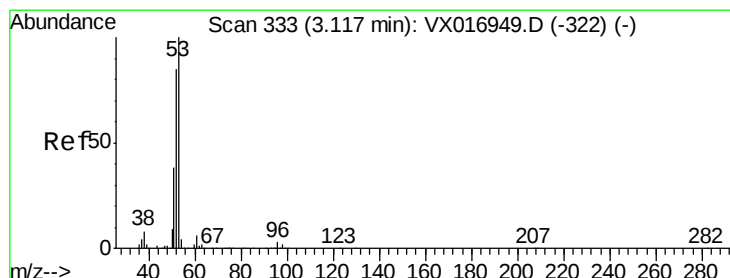
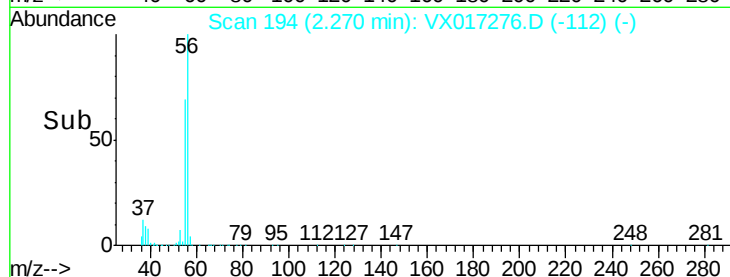
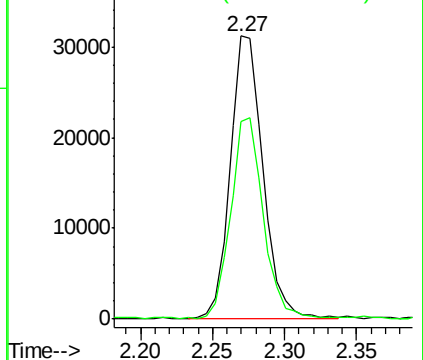
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 83.864 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

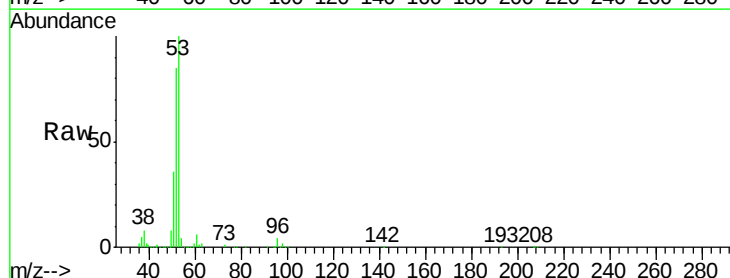
Tgt Ion: 53 Resp: 146222

Ion Ratio Lower Upper

53 100

52 82.4 40.6 121.8

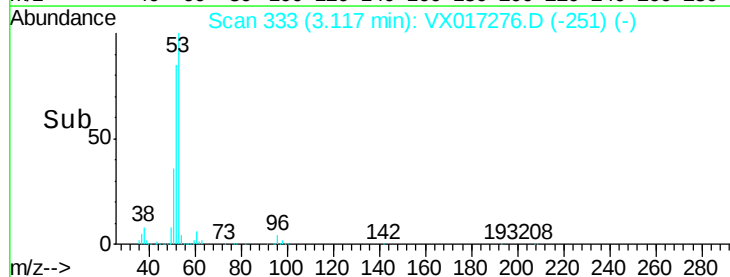
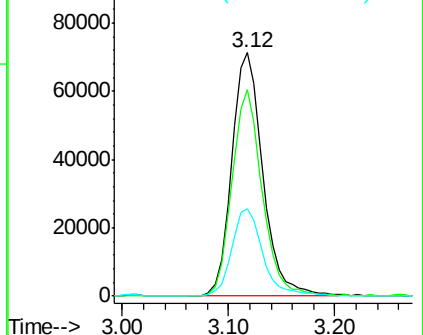
51 35.3 18.4 55.4

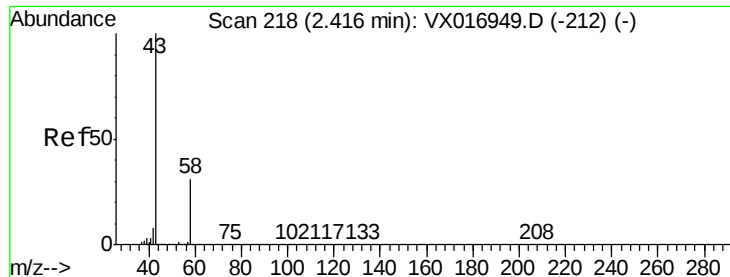


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 84.104 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS02

Tot Ion: 58 Resp: 37949

Ion Ratio Lower Upper

58 100

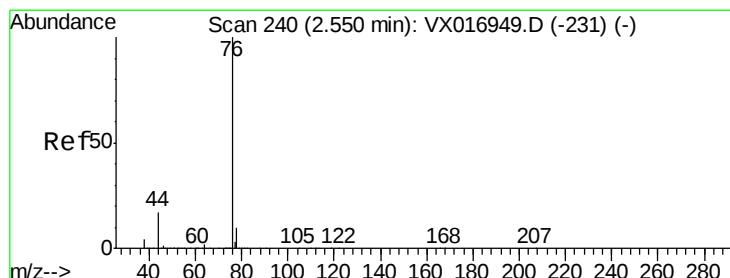
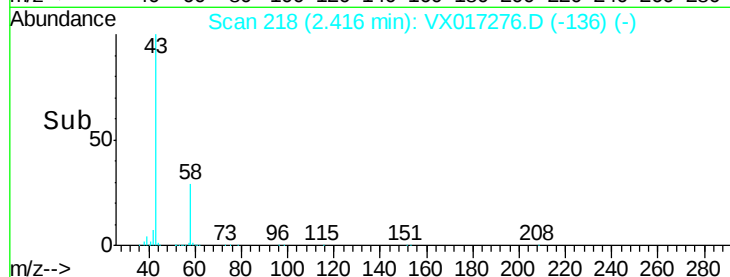
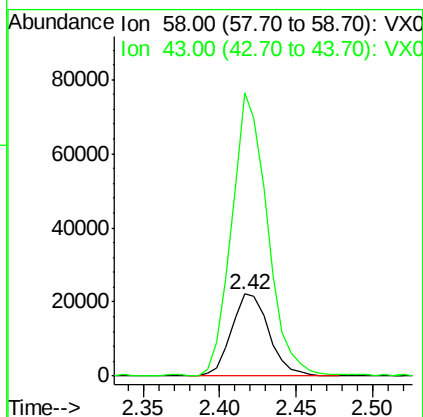
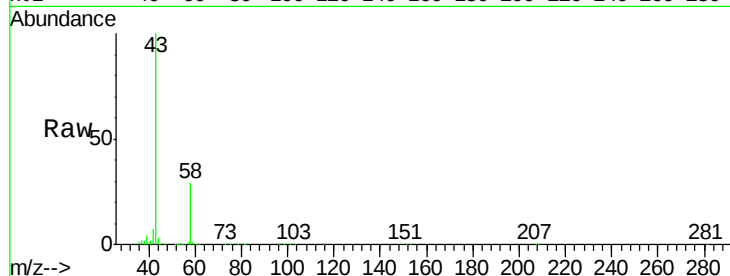
43 342.9 257.6 386.4

Manual Integrations

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7/9/2020 10:59:59 AM



#16

Carbon Disulfide

Concen: 14.047 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017276.D

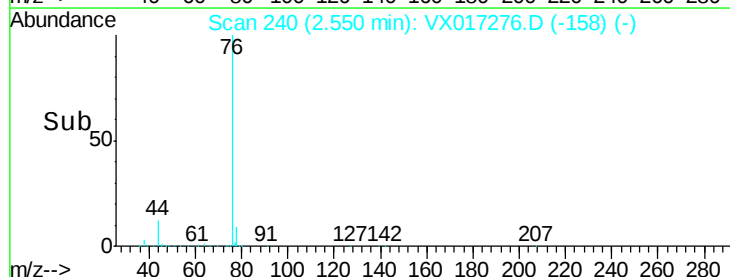
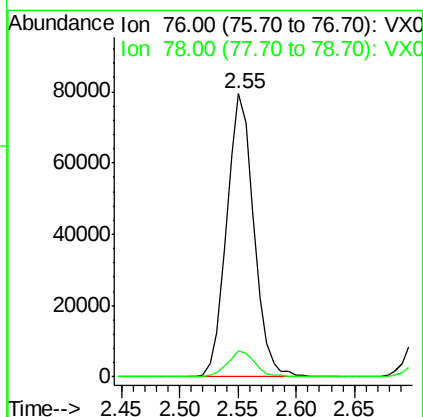
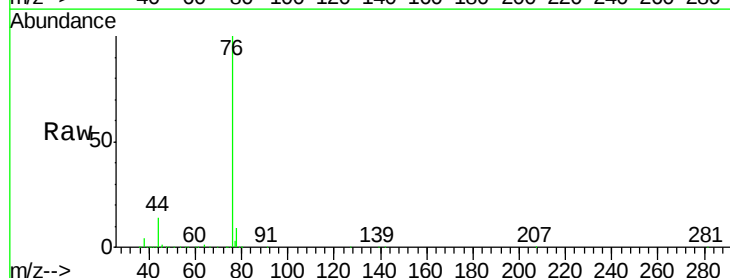
Acq: 08 Jul 2020 23:24

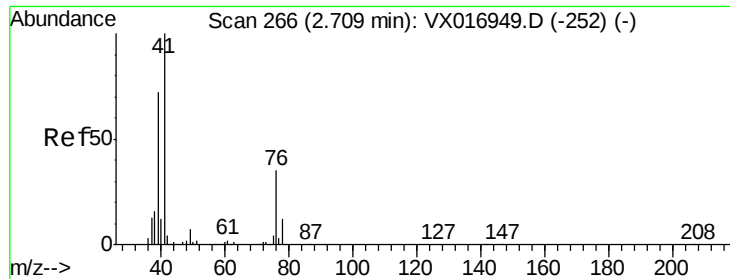
Tgt Ion: 76 Resp: 128873

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4





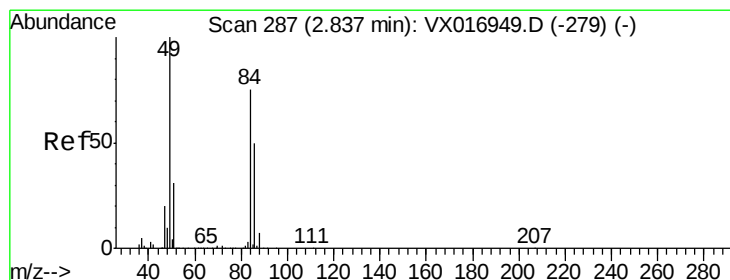
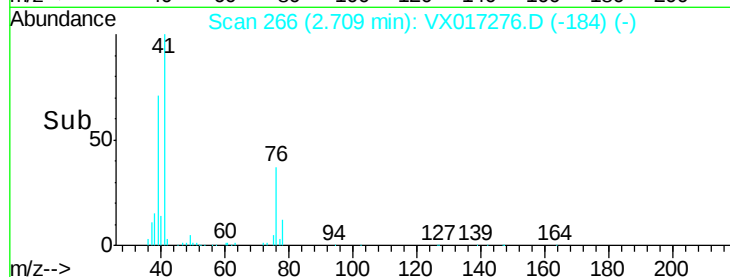
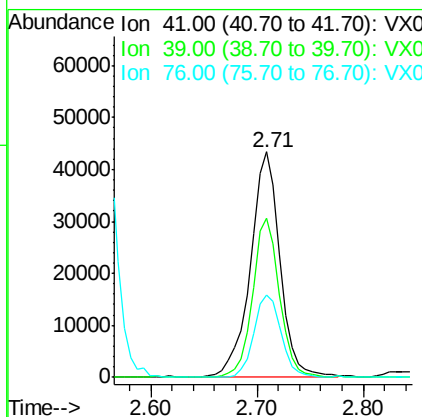
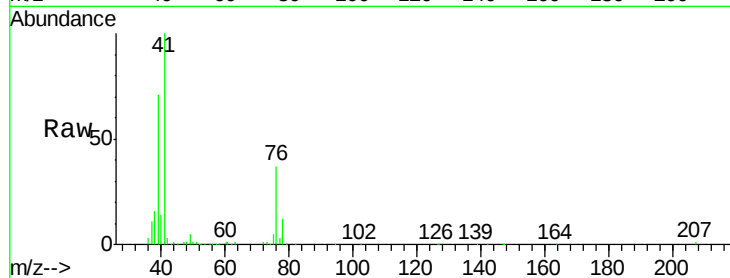
#17
Allvl chloride
Concen: 15.550 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.3	35.9	107.8
76	36.5	17.6	52.8

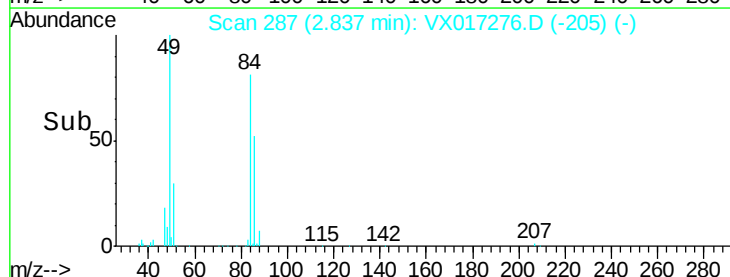
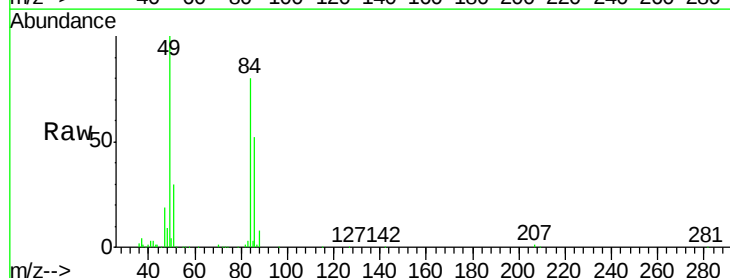
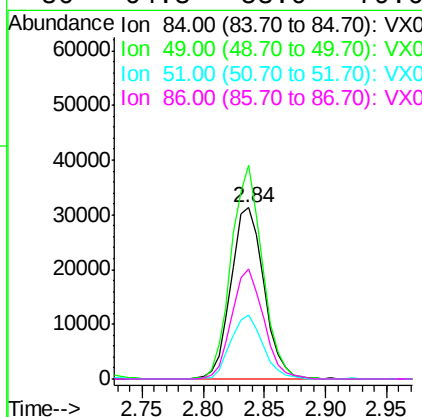
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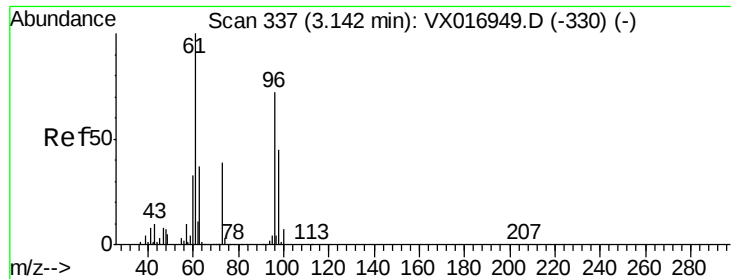
MMDadoda
7/9/2020 10:59:59 AM



#18
Methylene Chloride
Concen: 16.689 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	106.6	159.8
51	36.8	32.7	49.1
86	64.3	53.0	79.6





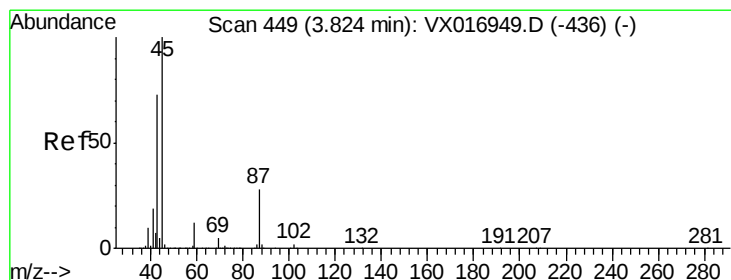
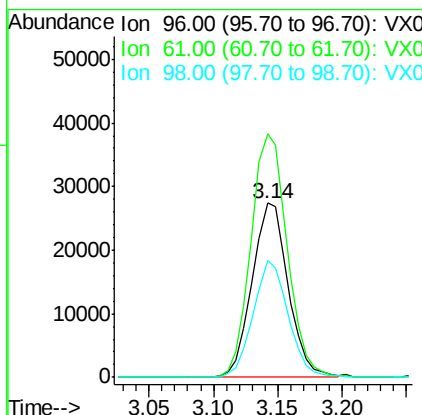
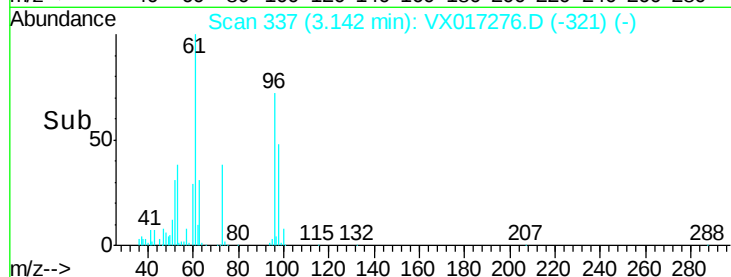
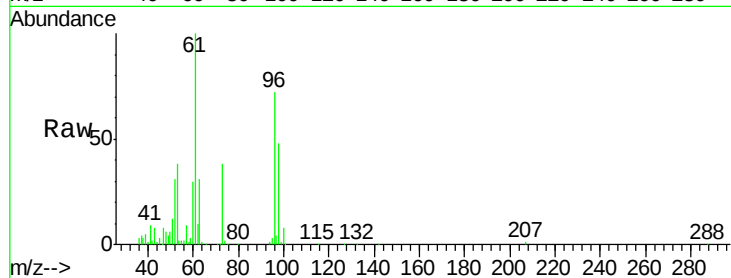
#19
trans-1,2-Dichloroethene
Concen: 16.089 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	110.6	165.8
98	67.0	49.8	74.6

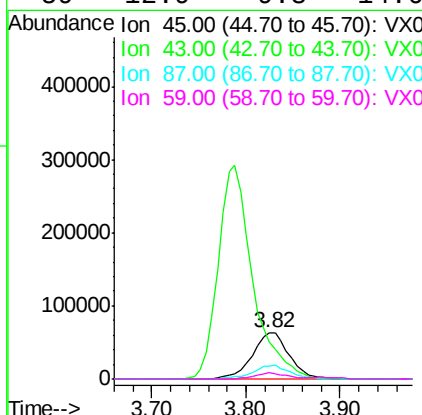
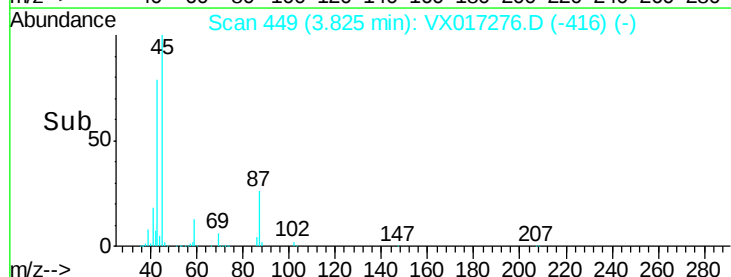
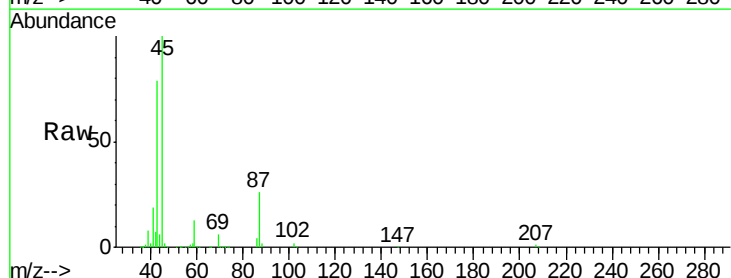
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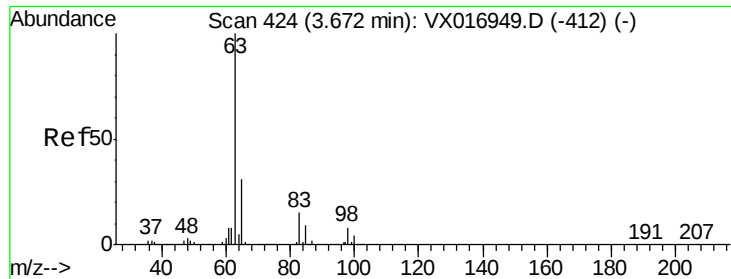
MMDadoda
7/9/2020 10:59:59 AM



#20
Diisopropyl ether
Concen: 15.789 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.6	63.9	95.9
87	26.2	22.2	33.4
59	12.9	9.8	14.6





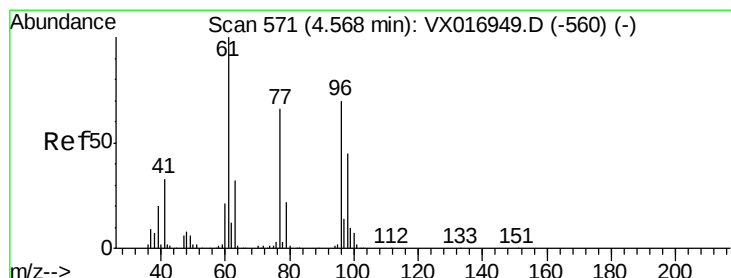
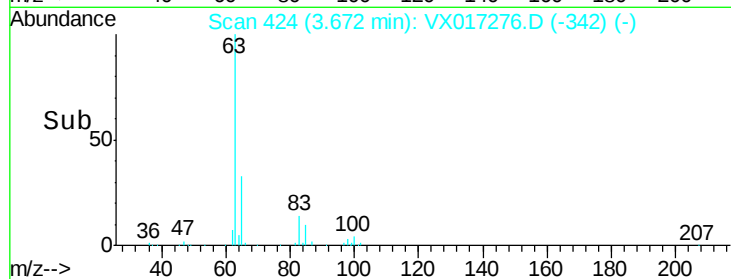
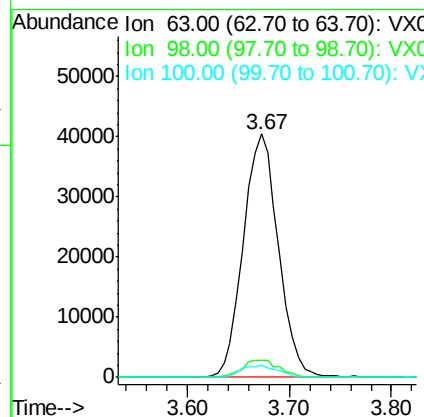
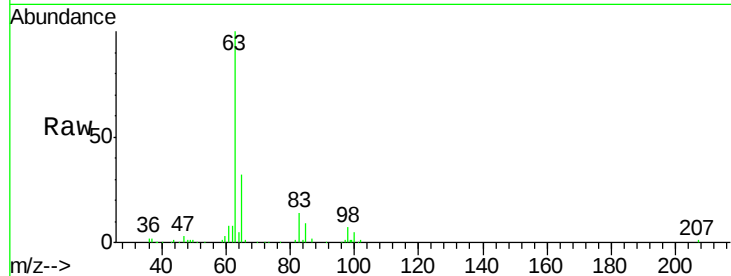
#21
 1,1-Dichloroethane
 Concen: 16.057 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBS02

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	7.3		3.8	11.4
100	4.8		2.2	6.6

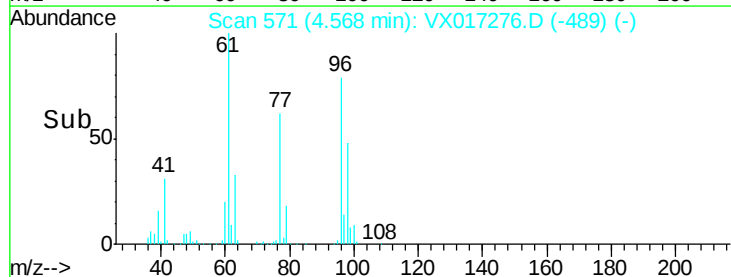
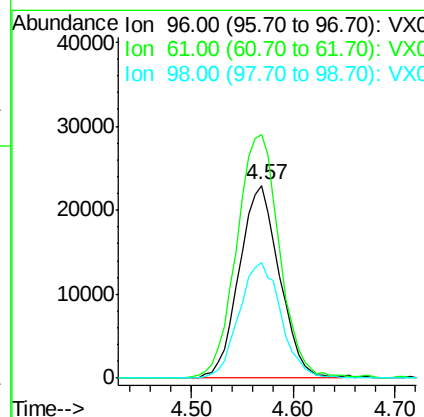
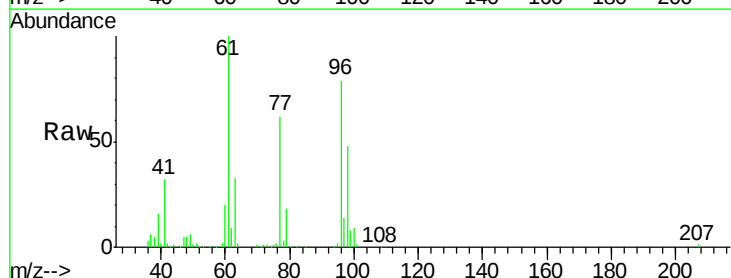
Manual Integrations
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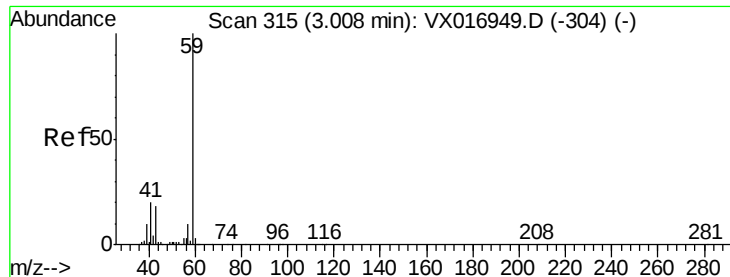
MMDadoda
 7/9/2020 10:59:59 AM



#22
 cis-1,2-Dichloroethene
 Concen: 17.072 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.1		120.8	181.2
98	62.6		51.7	77.5





#23

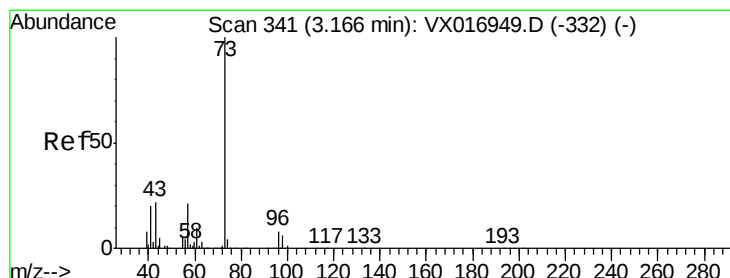
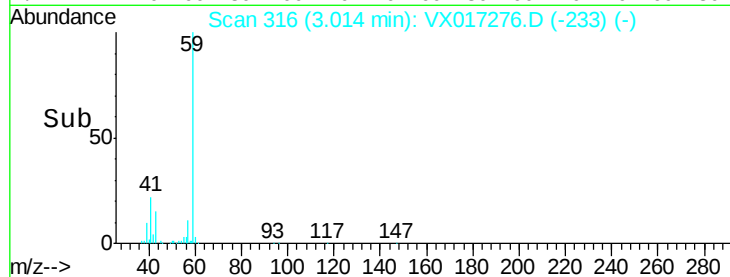
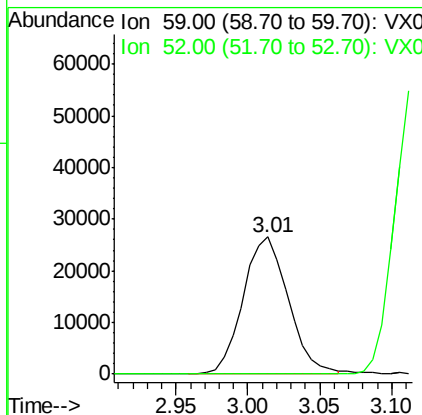
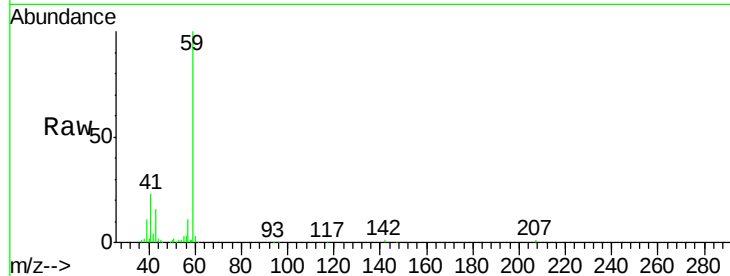
tert-Butyl Alcohol
 Concen: 74.647 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBS02

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.2		0.1	0.1#

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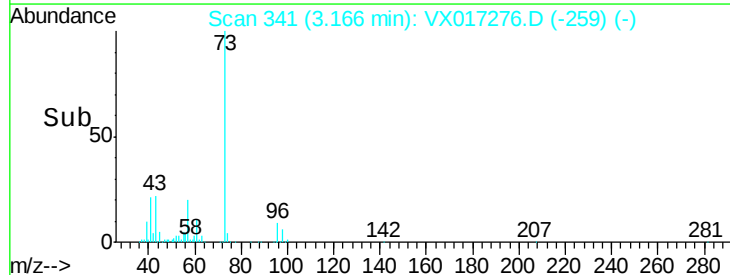
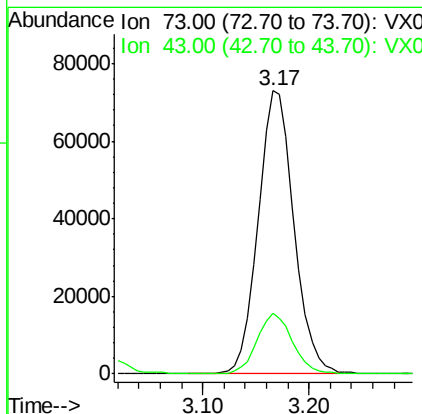
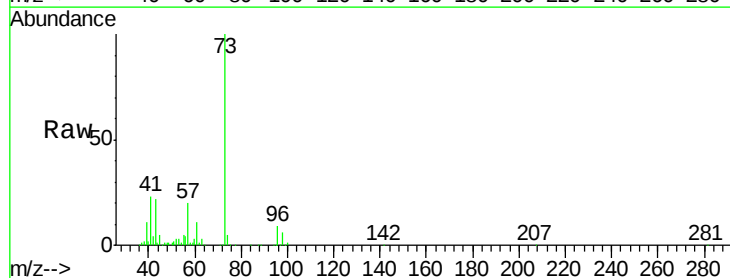
MMDadoda
 7/9/2020 10:59:59 AM

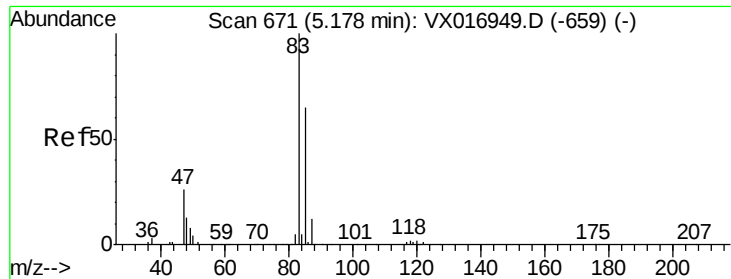


#24

Methyl tert-Butyl Ether
 Concen: 16.412 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	21.4		17.2	25.8





#25

Chloroform

Concen: 16.710 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 83 Resp: 102001

Ion Ratio Lower Upper

83 100

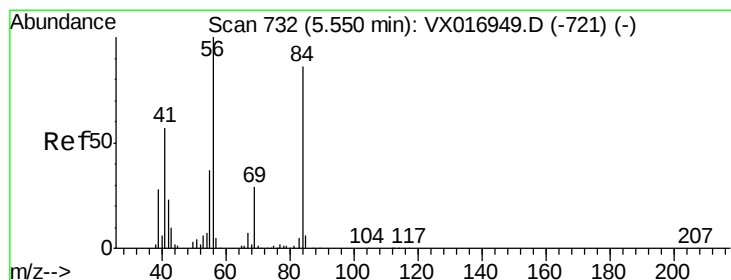
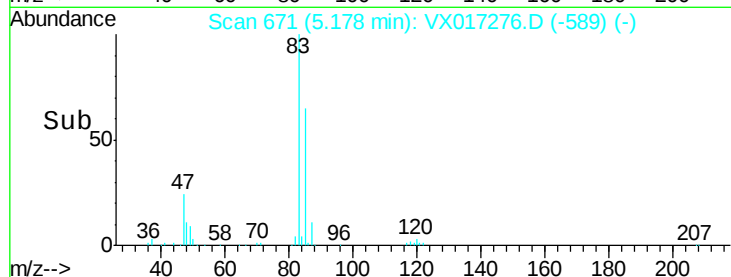
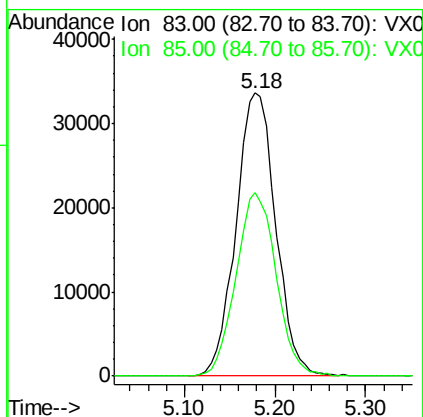
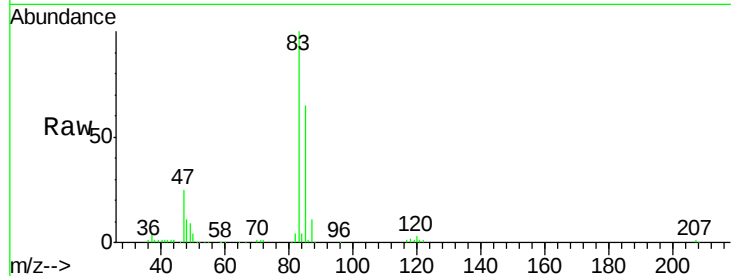
85 64.9 52.1 78.1

Manual Integrations

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MMDadoda

7/9/2020 10:59:59 AM



#26

Cyclohexane

Concen: 14.826 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

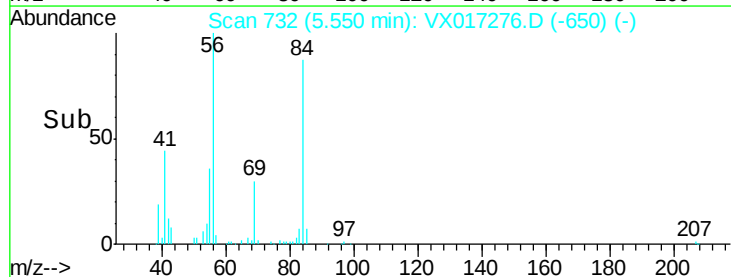
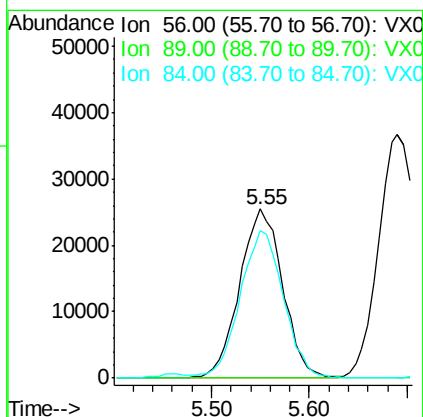
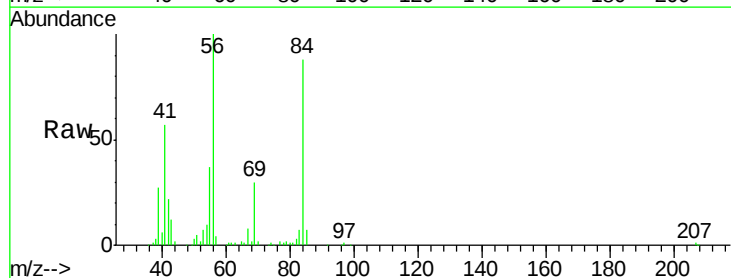
Tgt Ion: 56 Resp: 77862

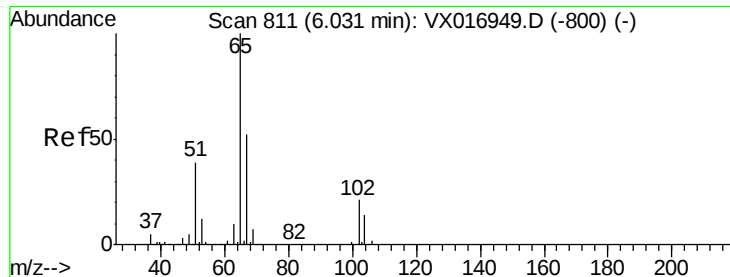
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.7 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 28.446 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 65 Resp: 112872

Ion Ratio Lower Upper

65 100

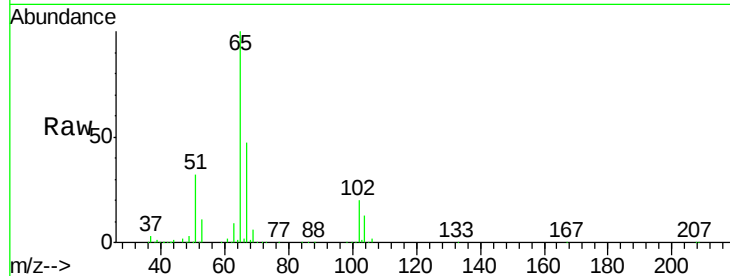
67 50.7 41.5 62.3

Manual Integrations

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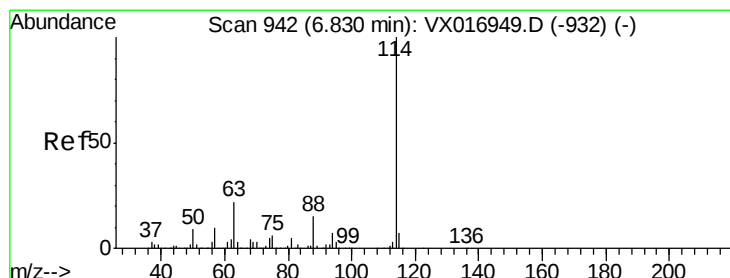
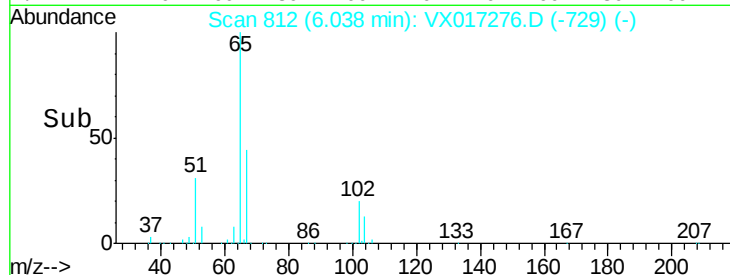
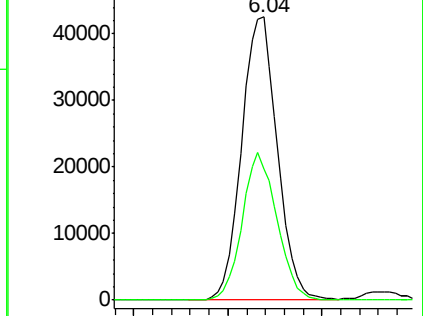
MMDadoda

7/9/2020 10:59:59 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

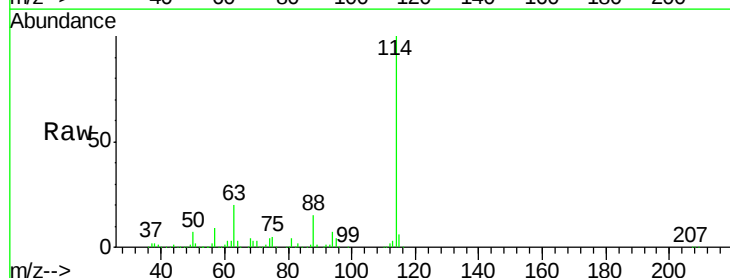
Tgt Ion: 114 Resp: 266981

Ion Ratio Lower Upper

114 100

63 19.9 17.4 26.2

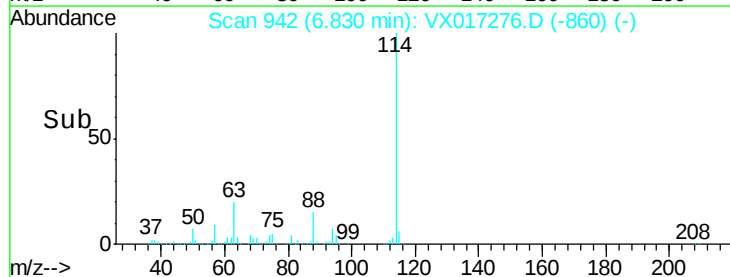
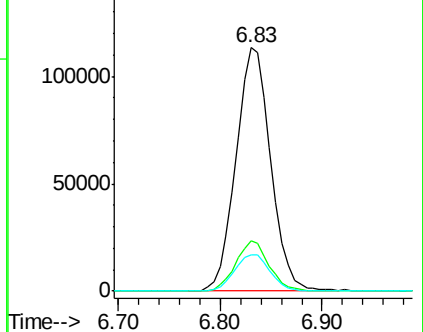
88 15.5 13.0 19.6

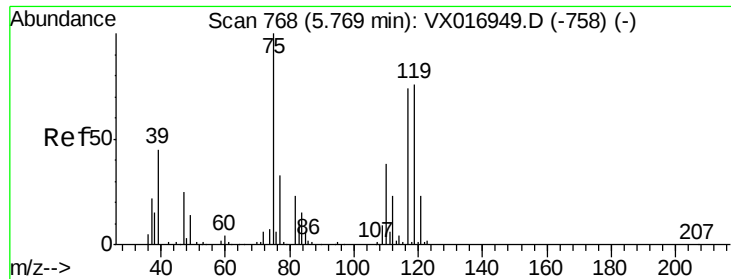


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





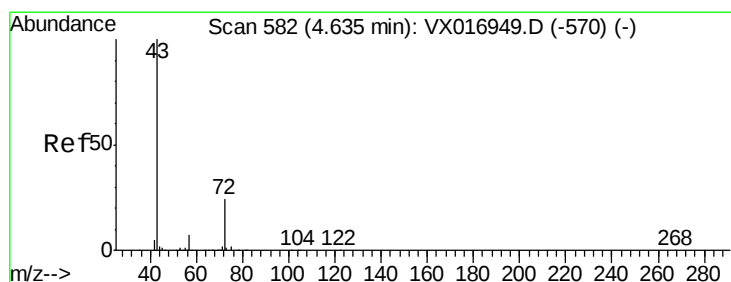
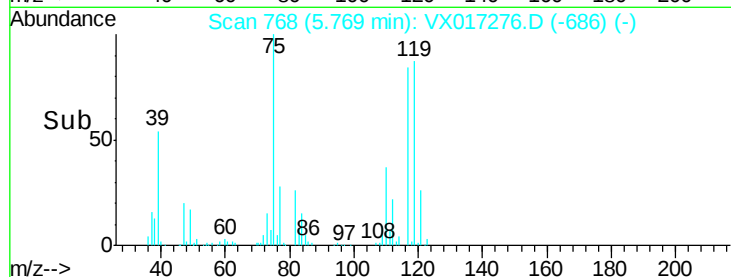
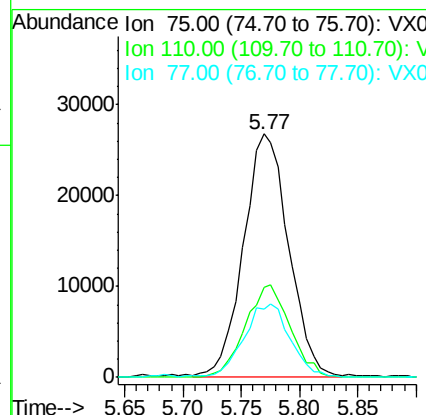
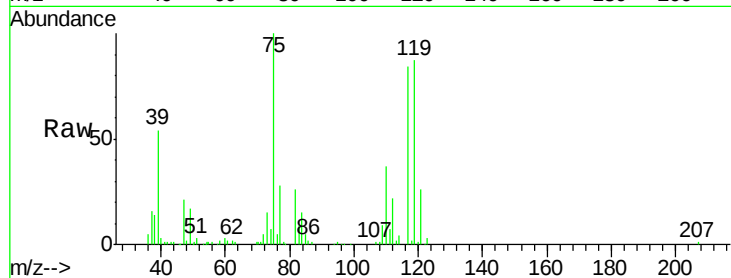
#29
 1,1-Dichloropropene
 Concen: 16.624 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.7	0.0	71.6
77	30.6	0.0	64.0

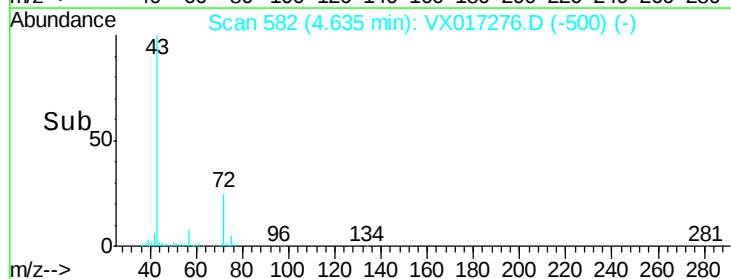
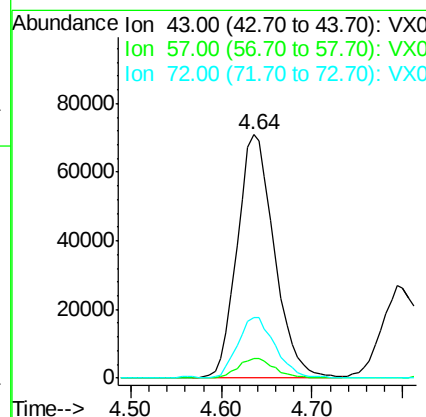
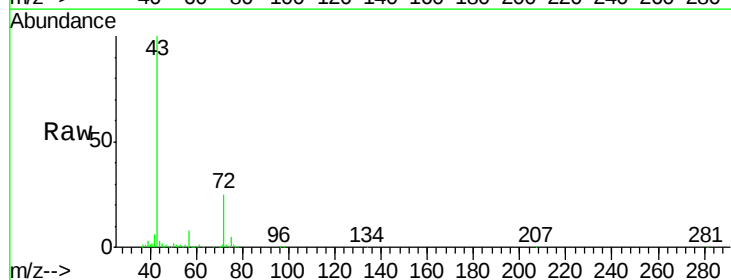
Manual Integrations
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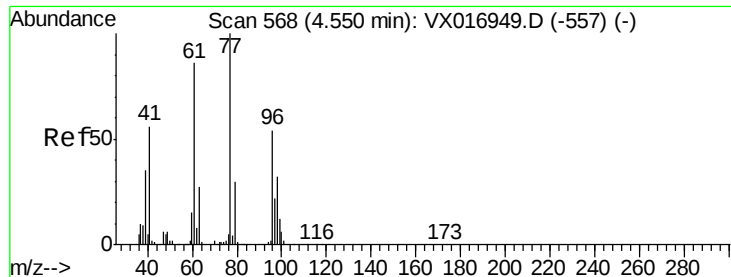
MMDadoda
 7/9/2020 10:59:59 AM



#30
 2-Butanone
 Concen: 88.344 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.4
72	25.3	20.6	31.0





#31

2,2-Dichloropropane

Concen: 14.474 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS02

Tot Ion: 77 Resp: 72195

Ion Ratio Lower Upper

77 100

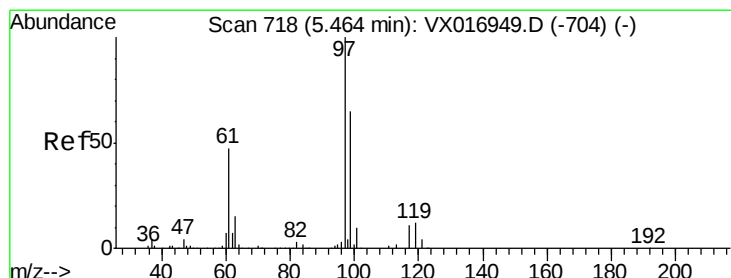
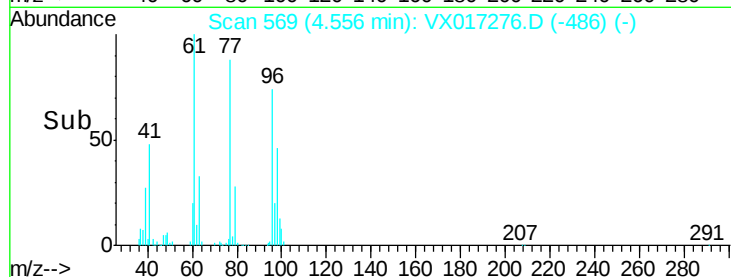
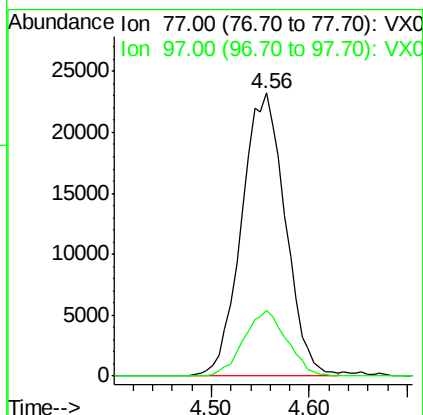
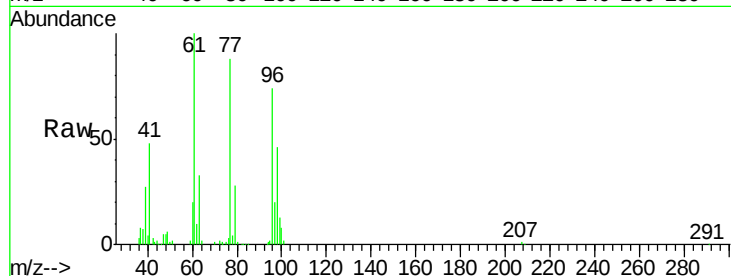
97 22.9 18.5 27.7

Manual Integrations

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MMDadoda

7/9/2020 10:59:59 AM



#32

1,1,1-Trichloroethane

Concen: 17.937 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

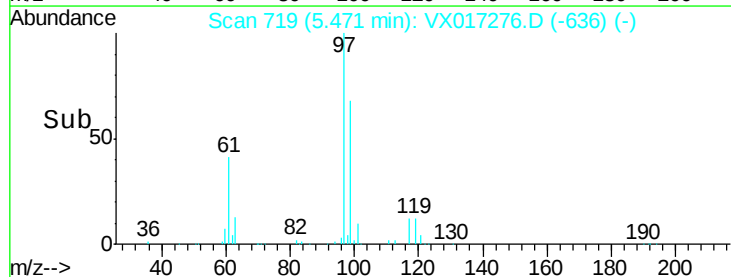
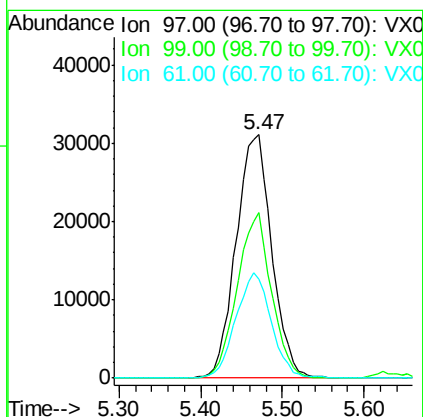
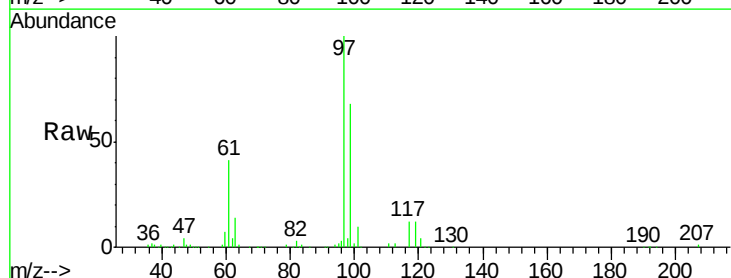
Tgt Ion: 97 Resp: 94399

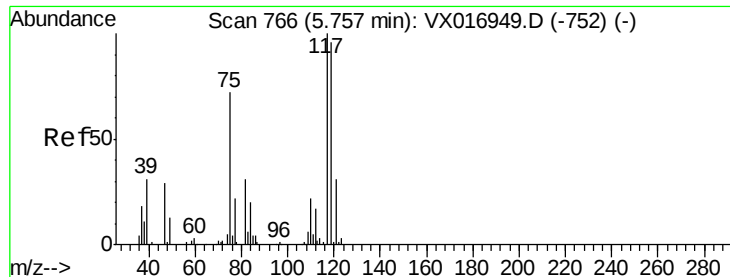
Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.2

61 42.4 36.9 55.3





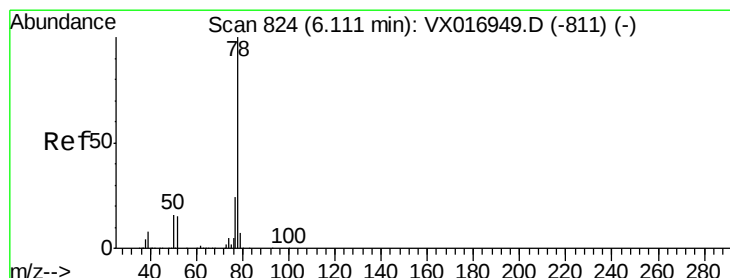
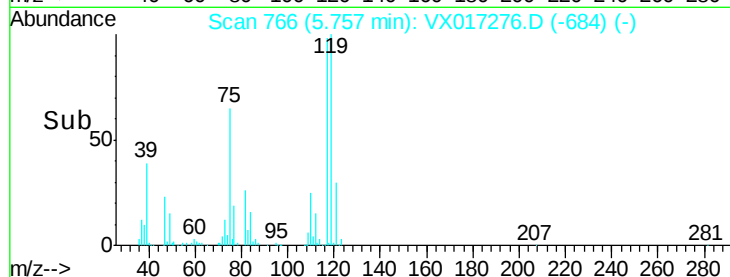
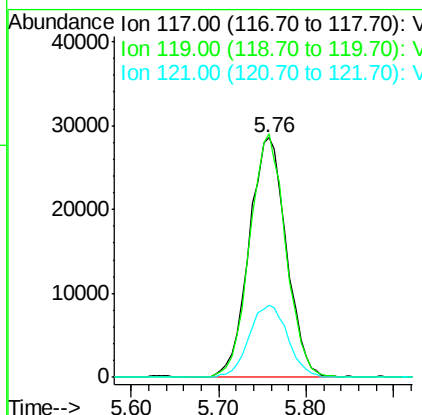
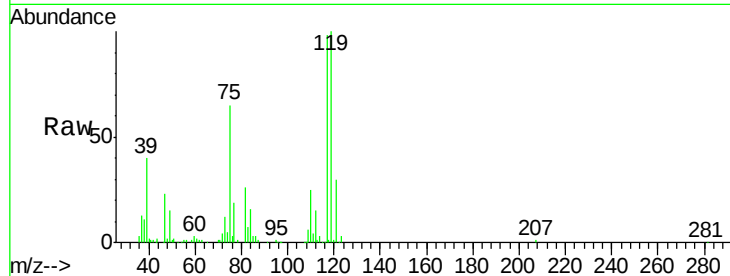
#33
Carbon Tetrachloride
Concen: 18.152 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
119	101.6	77.0	115.4
121	30.3	25.0	37.4

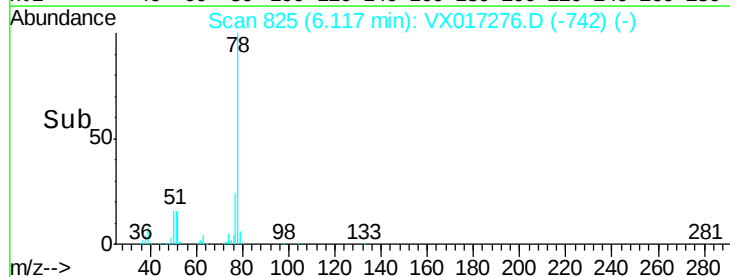
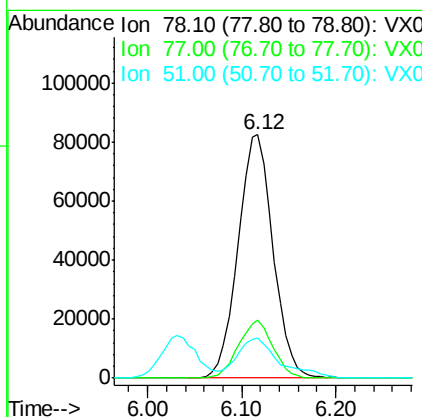
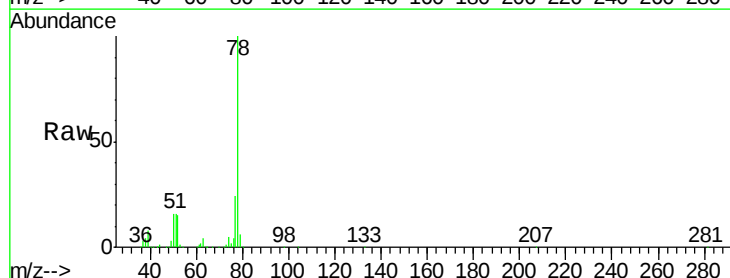
Manual Integrations
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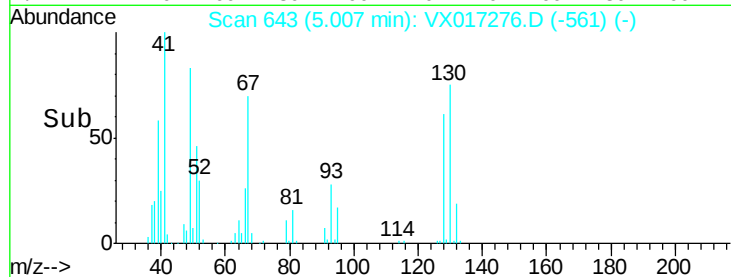
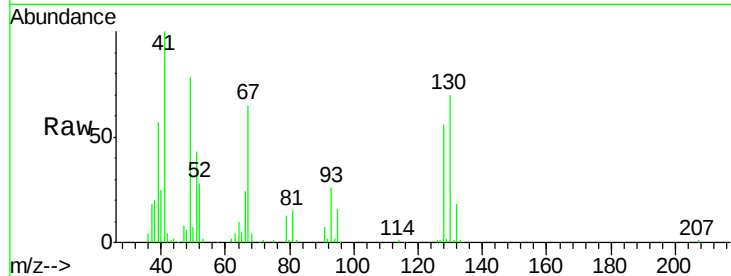
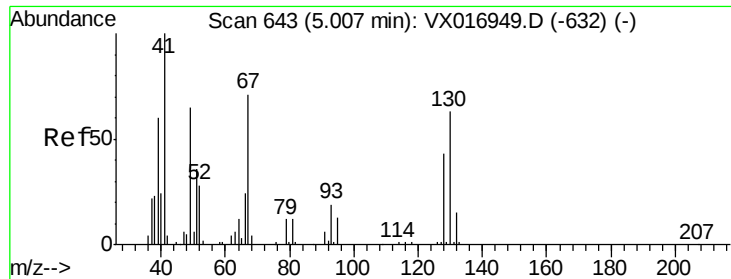
MMDadoda
7/9/2020 10:59:59 AM



#34
Benzene
Concen: 16.946 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

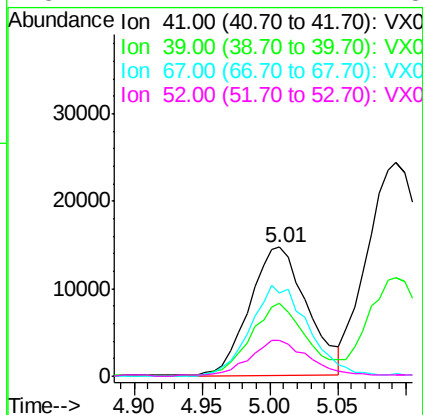
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6
51	15.9	12.8	19.2





#35
Methacrylonitrile
Concen: 17.496 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

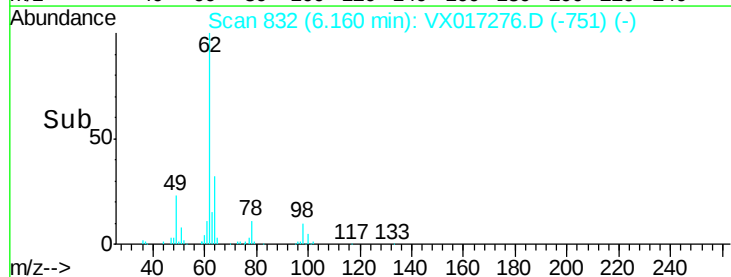
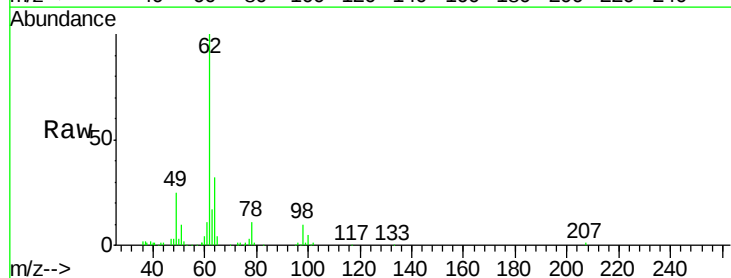
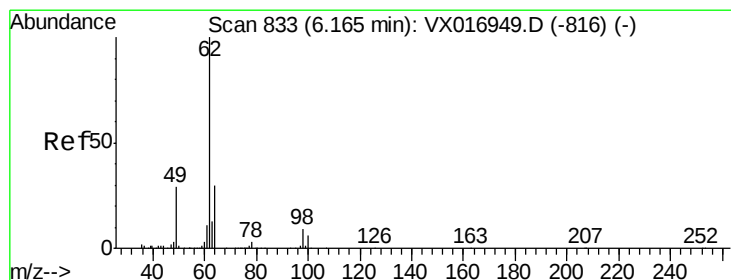
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	29.8	89.5	
67	65.1	35.3	105.9	
52	27.4	14.1	42.3	



Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

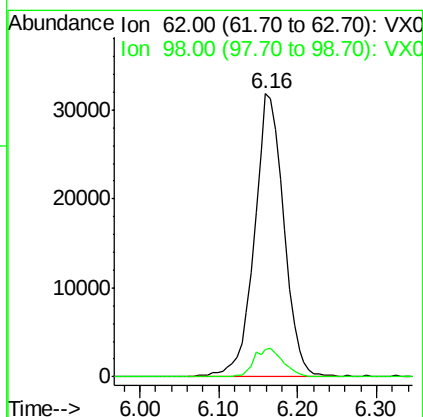
Manual Integrations
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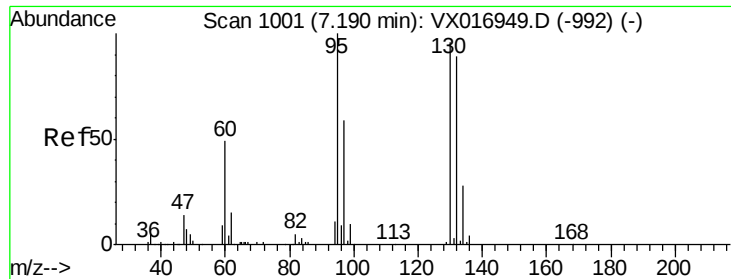
MMDadoda
7/9/2020 10:59:59 AM



#36
1,2-Dichloroethane
Concen: 17.026 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	7.6	11.4	





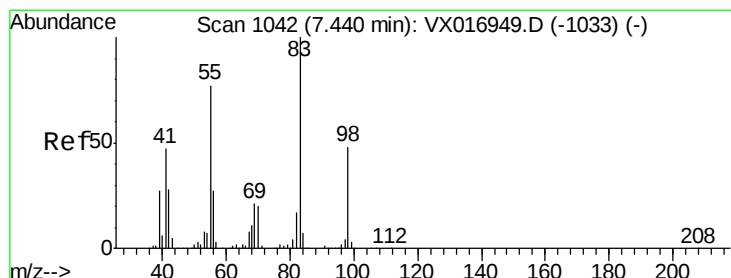
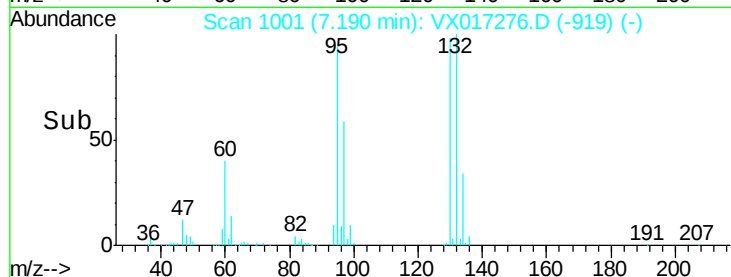
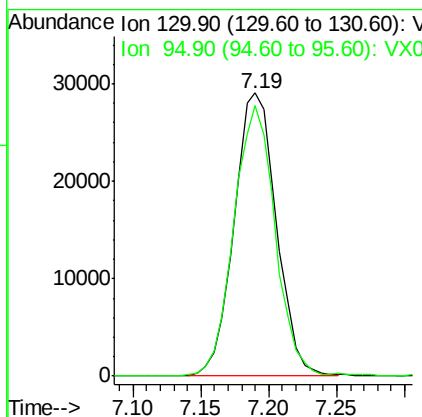
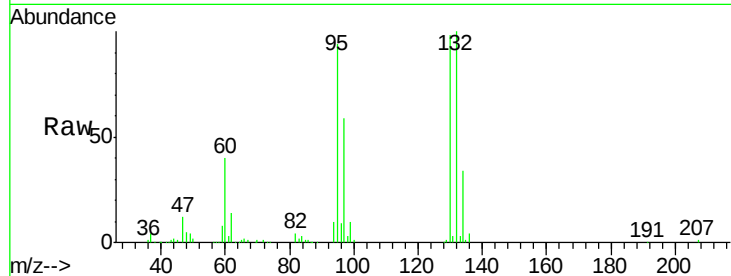
#37
 Trichloroethene
 Concen: 18.263 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion:130 Resp: 63111
 Ion Ratio Lower Upper
 130 100
 95 95.0 83.1 124.7

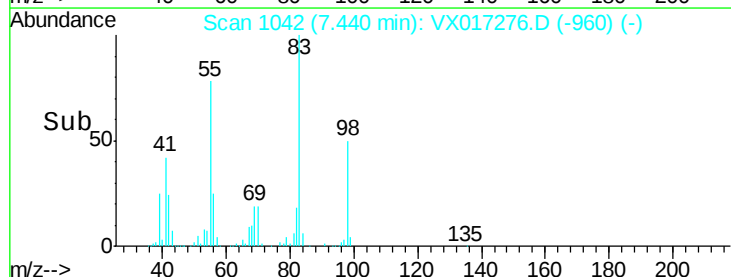
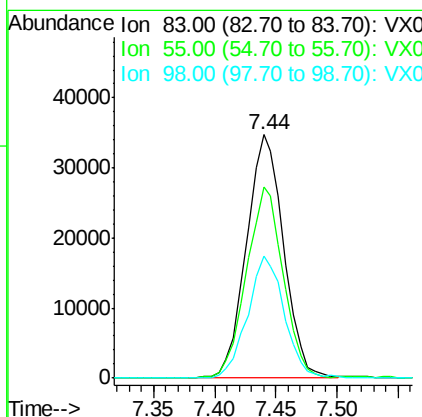
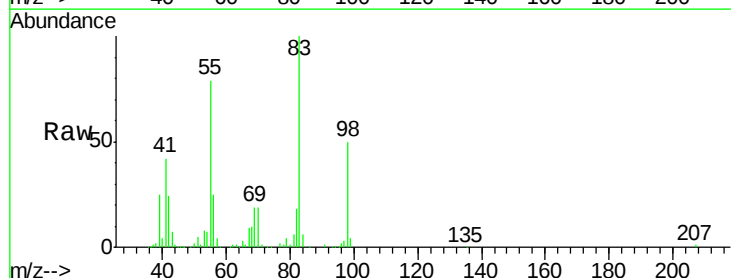
Manual Integrations
 APPROVED

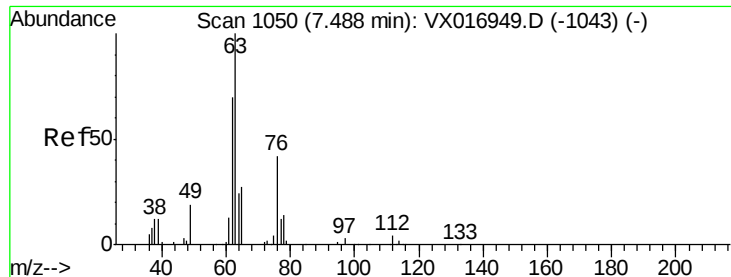
MMDadoda
 7/9/2020 10:59:59 AM



#38
 Methylcyclohexane
 Concen: 14.895 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion: 83 Resp: 73777
 Ion Ratio Lower Upper
 83 100
 55 77.3 38.1 114.5
 98 48.8 24.6 73.6





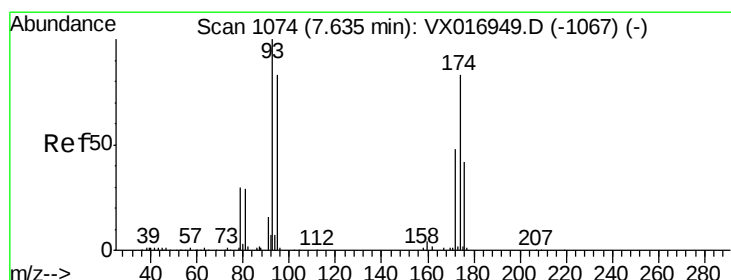
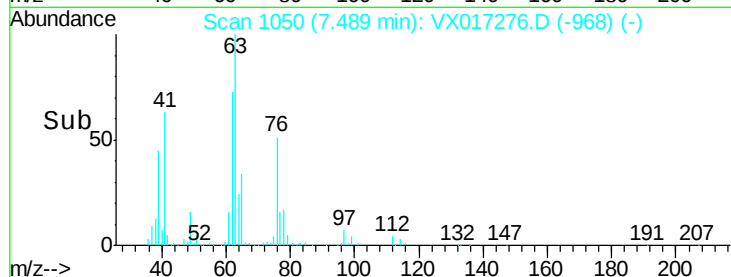
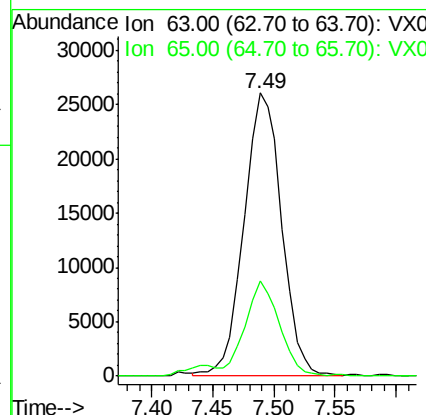
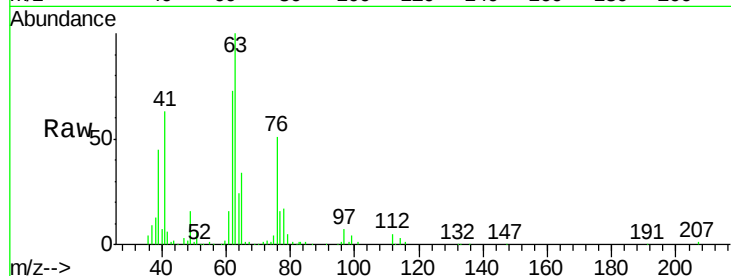
#39
 1,2-Dichloropropane
 Concen: 16.931 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.8	34.2

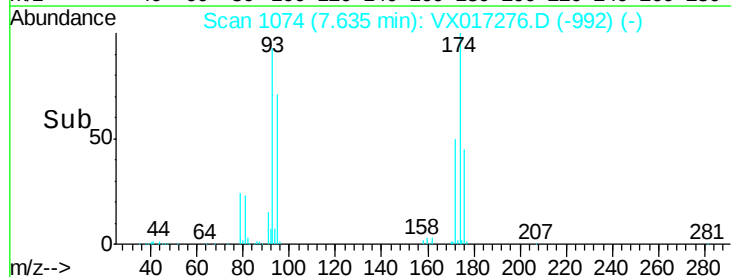
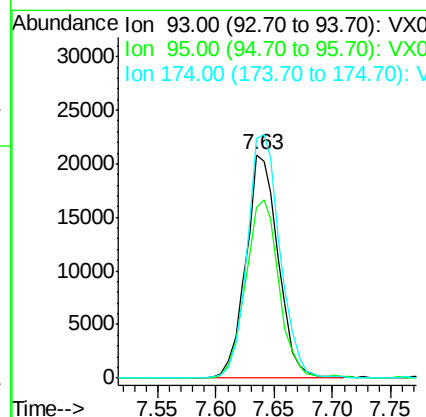
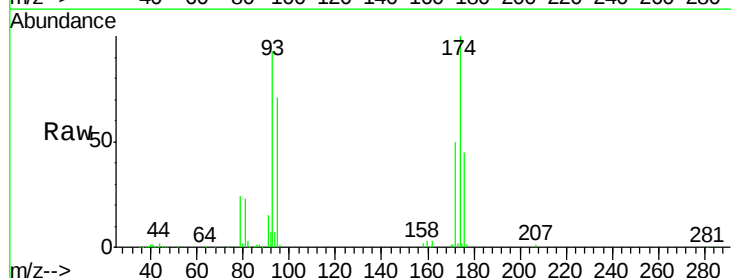
Manual Integrations
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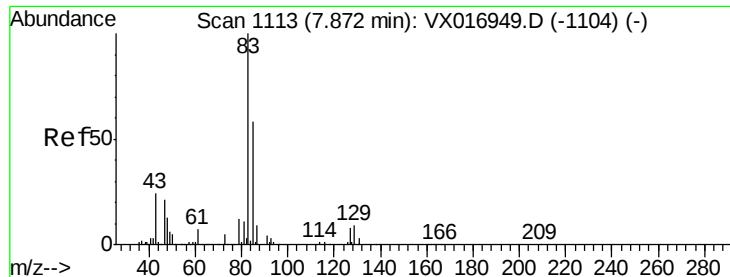
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 7/9/2020 10:59:59 AM



#40
 Dibromomethane
 Concen: 17.732 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	0.0	165.4
174	110.7	0.0	192.0





#41

Bromodichloromethane

Concen: 17.514 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

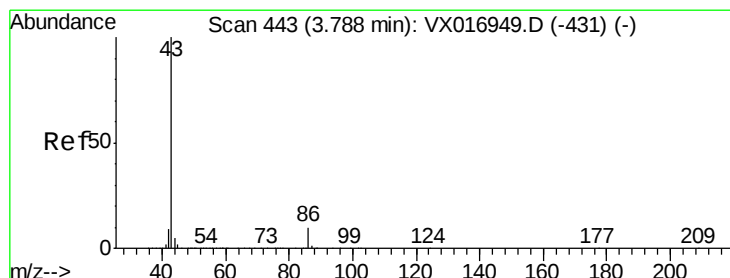
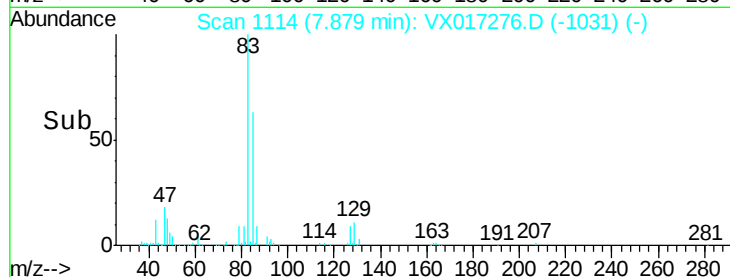
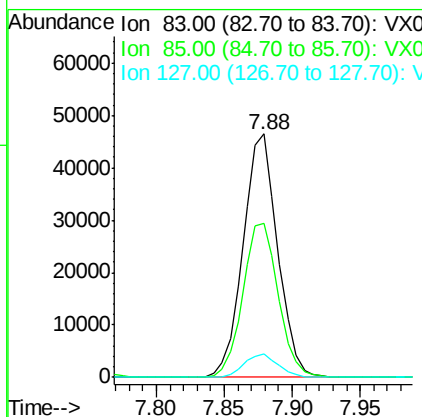
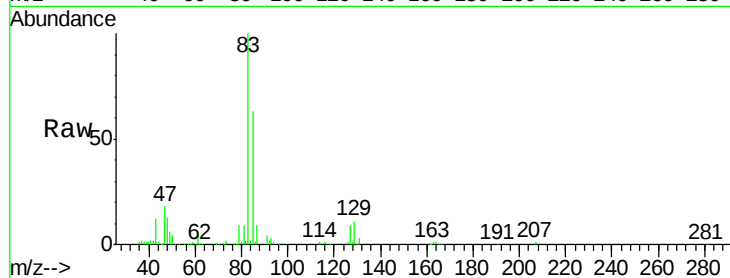
ClientSampleId :

VX0708WBS02

Tot Ion:	83	Resp:	82465
Ion Ratio	Lower	Upper	
83	100		
85	63.4	46.7	70.1
127	9.5	6.5	9.7

Manual Integrations
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MMDadoda
7/9/2020 10:59:59 AM



#42

Vinyl Acetate

Concen: 81.467 ug/l

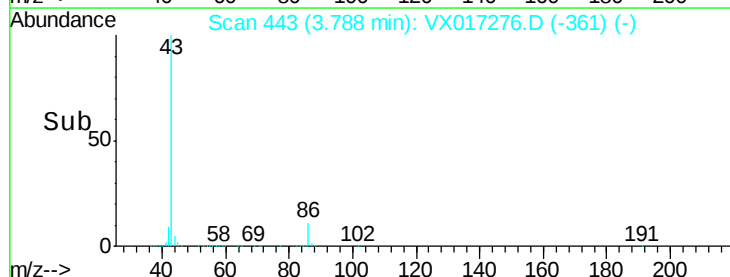
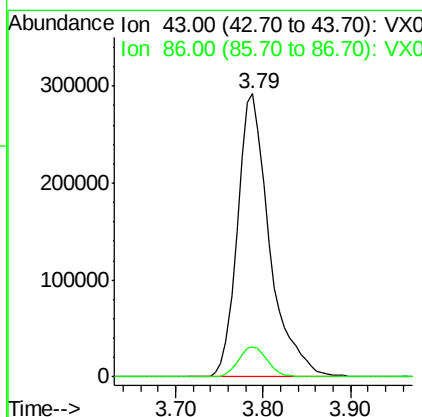
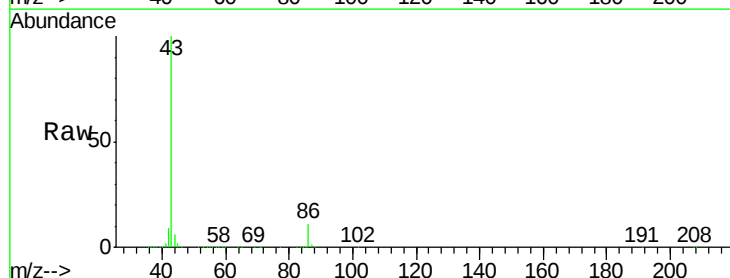
RT: 3.79 min Scan# 443

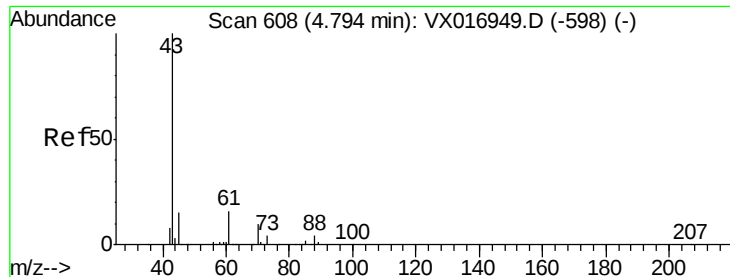
Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Tgt Ion:	43	Resp:	744248
Ion Ratio	Lower	Upper	
43	100		
86	9.8	7.4	11.2





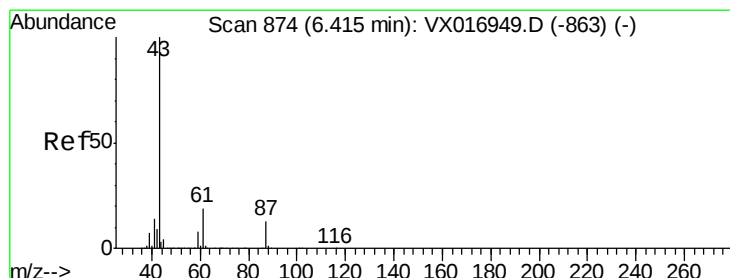
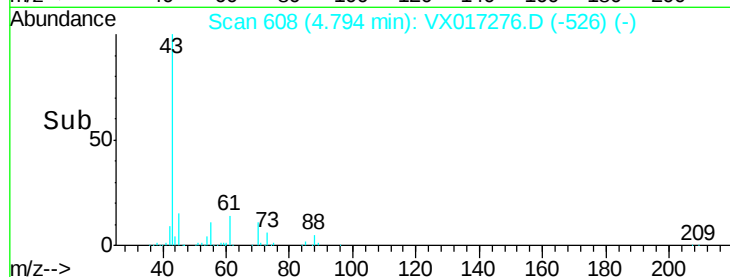
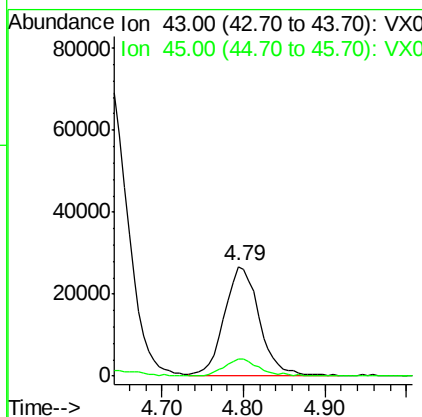
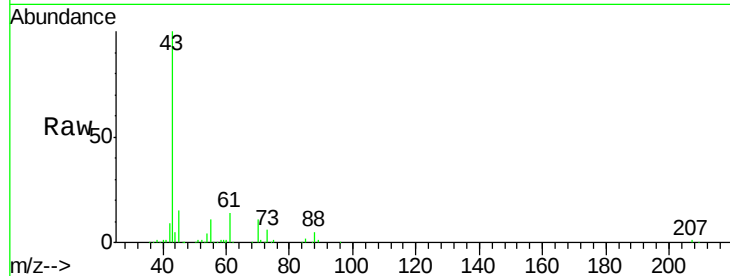
#43
Ethyl Acetate
Concen: 17.039 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion	43	45	Ratio	Lower	Upper
80013	100	13.9		11.8	17.6

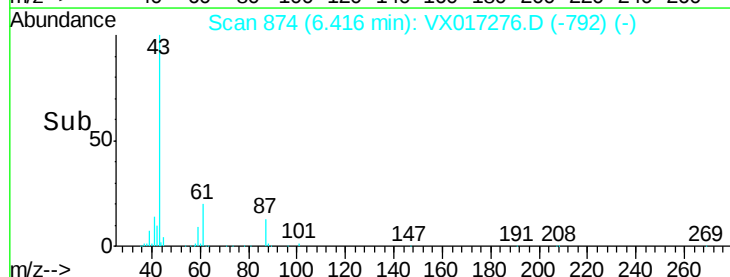
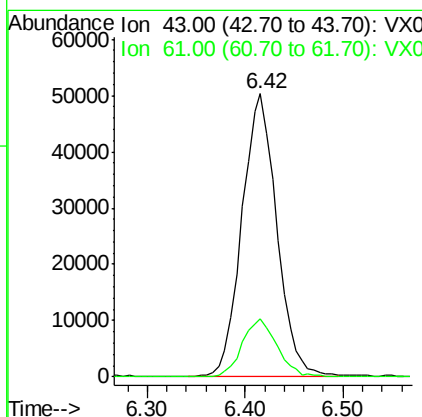
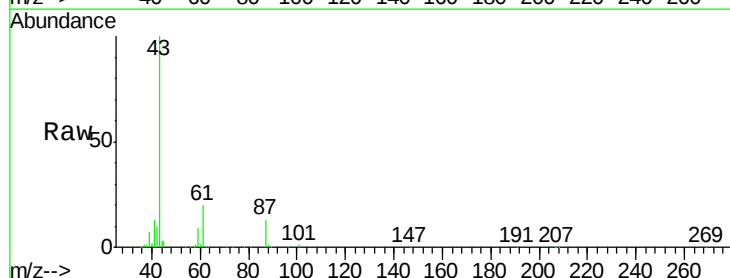
Manual Integrations
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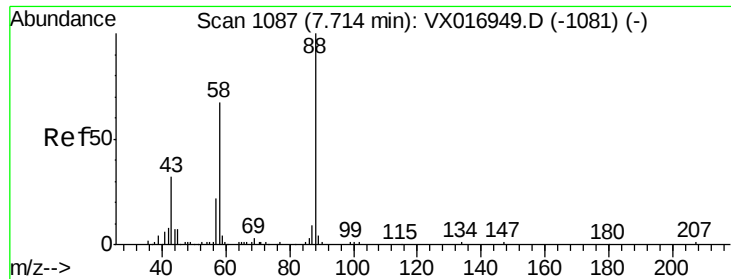
MMDadoda
7/9/2020 10:59:59 AM



#44
Isopropyl Acetate
Concen: 16.007 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	43	61	Ratio	Lower	Upper
123899	100	20.7		15.4	23.2





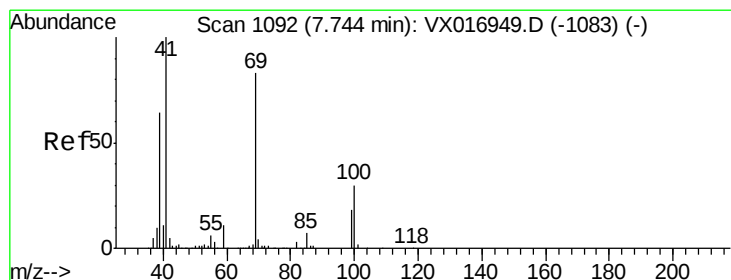
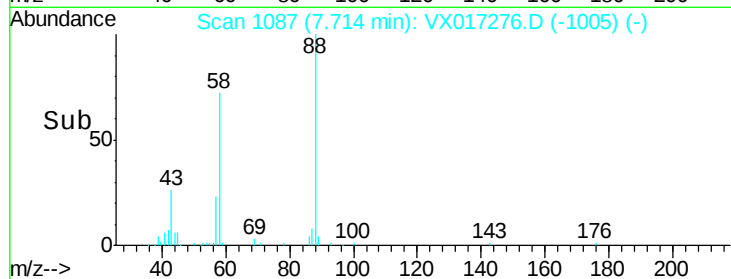
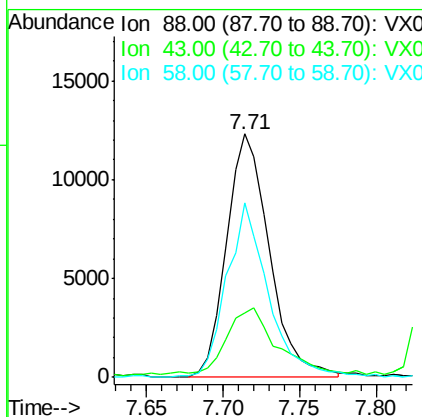
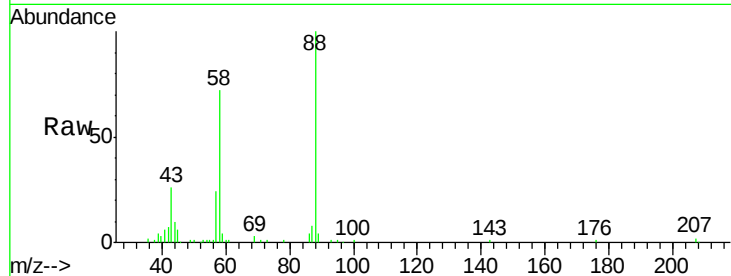
#45
 1,4-Dioxane
 Concen: 306.994 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	28.9	43.3
58	70.0	56.7	85.1

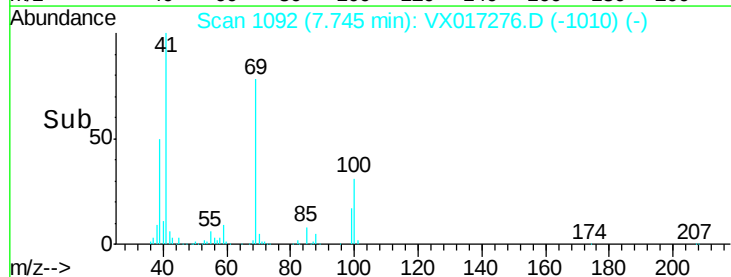
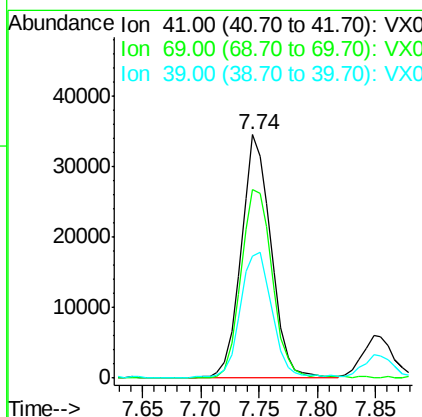
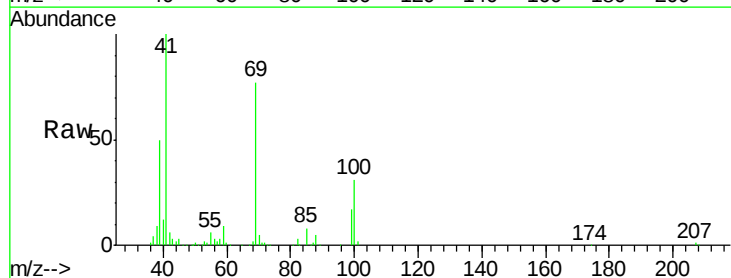
Manual Integrations
 APPROVED

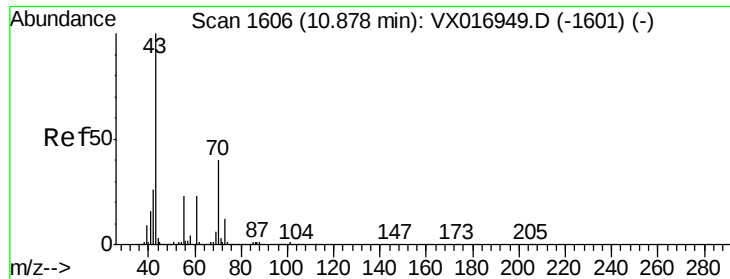
MMDadoda
 7/9/2020 10:59:59 AM



#46
 Methyl methacrylate
 Concen: 17.223 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.7	41.3	123.9
39	50.4	32.0	96.2





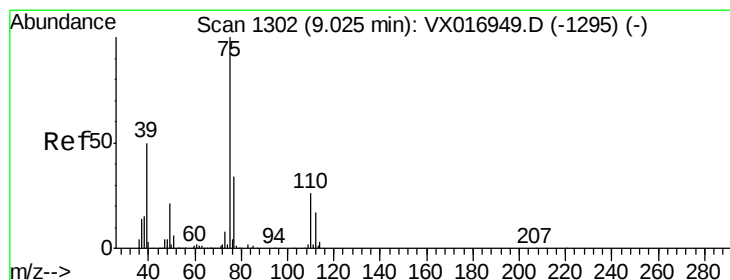
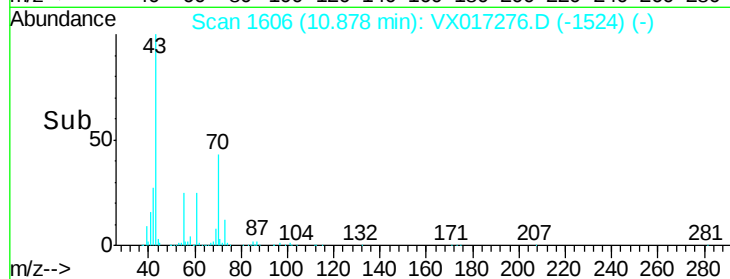
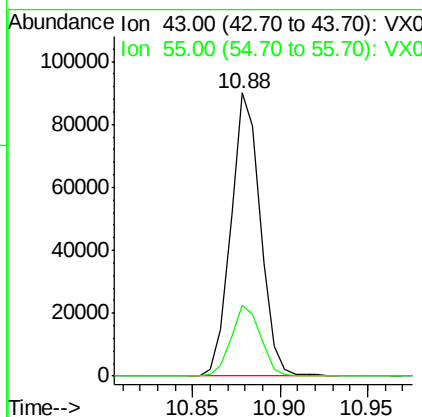
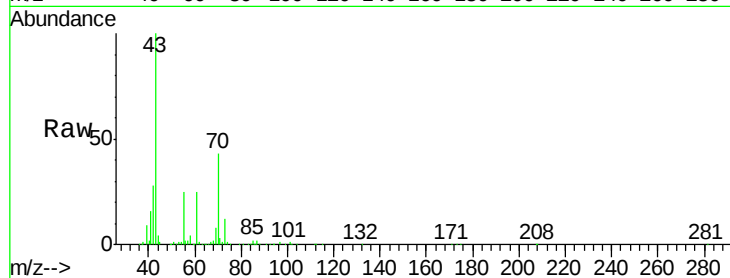
#47
n-amvl Acetate
Concen: 15.326 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS02

Tot Ion	43	Resp	104851
Ion Ratio	Lower	Upper	
43	100		
55	25.3	18.6	27.8

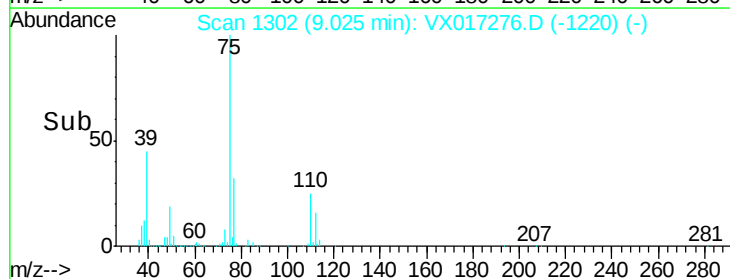
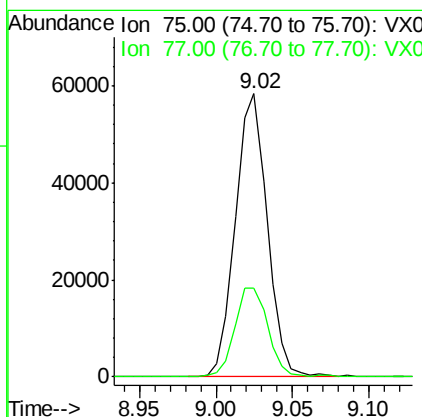
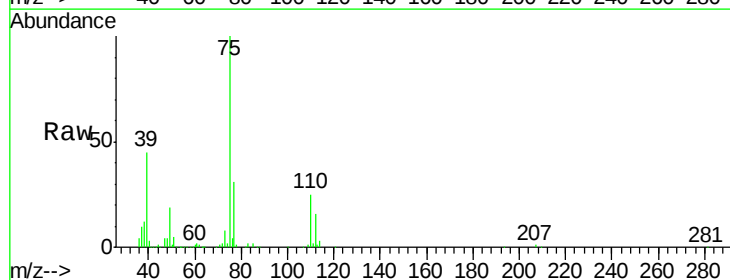
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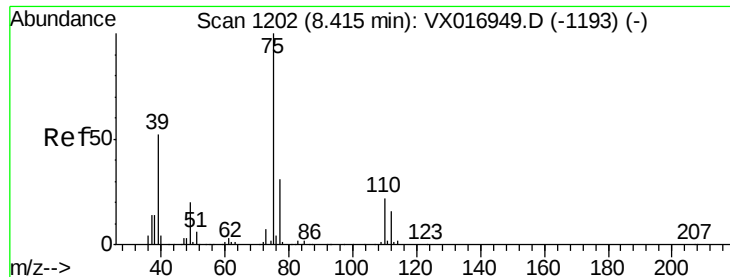
MMDadoda
7/9/2020 10:59:59 AM



#48
t-1,3-Dichloropropene
Concen: 16.220 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	75	Resp	84447
Ion Ratio	Lower	Upper	
75	100		
77	31.5	27.0	40.4





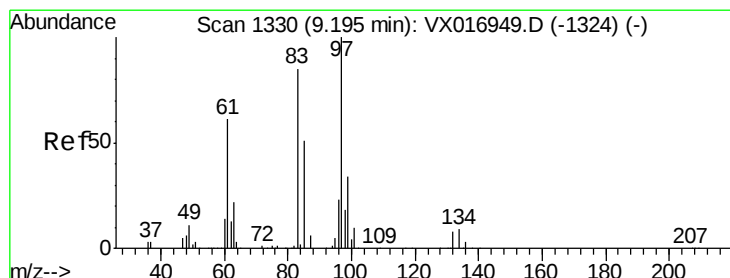
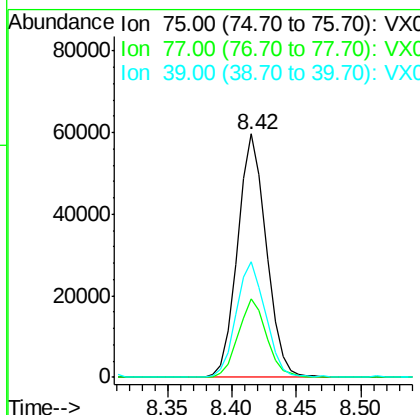
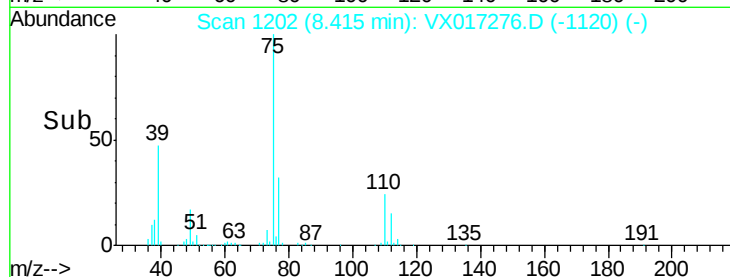
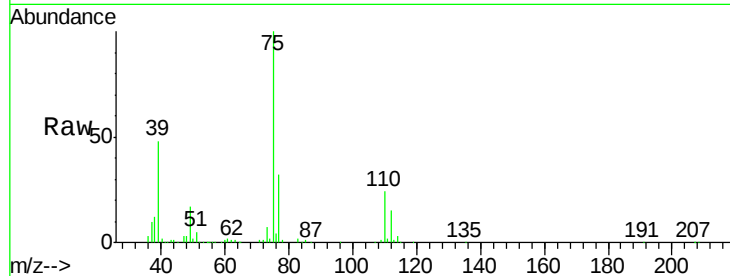
#49
 cis-1,3-Dichloropropene
 Concen: 16.890 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.8	37.2
39	47.3	41.8	62.6

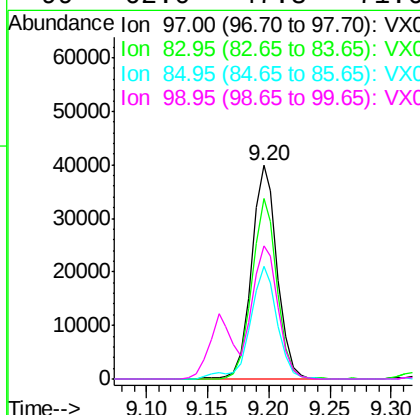
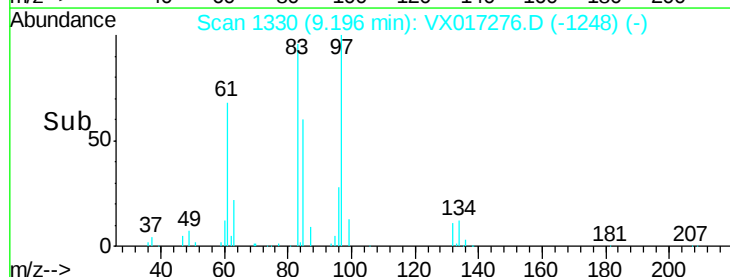
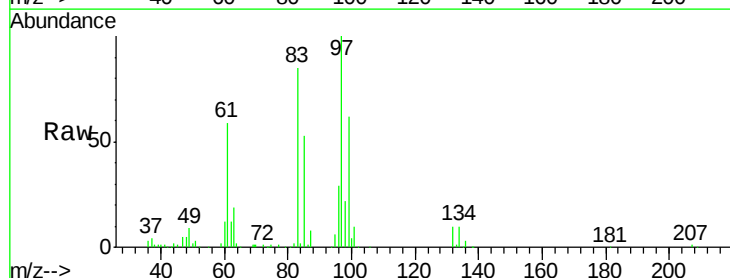
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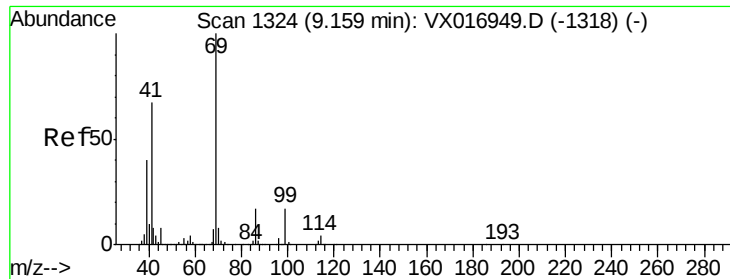
MMDadoda
 7/9/2020 10:59:59 AM



#50
 1,1,2-Trichloroethane
 Concen: 18.343 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.0
85	52.7	42.9	64.3
99	62.0	47.8	71.6





#51

Ethyl methacrylate

Concen: 16.643 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

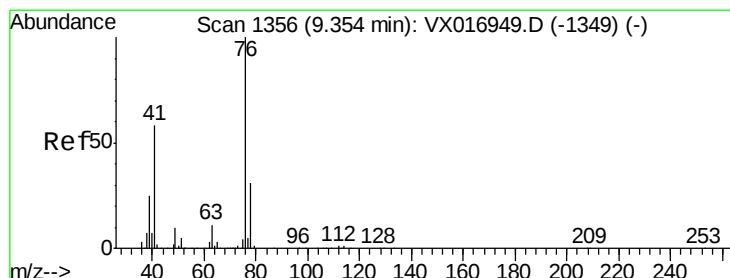
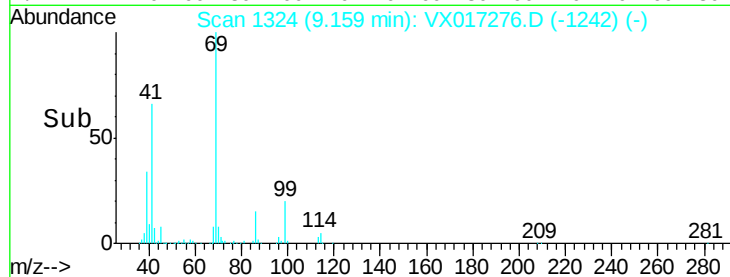
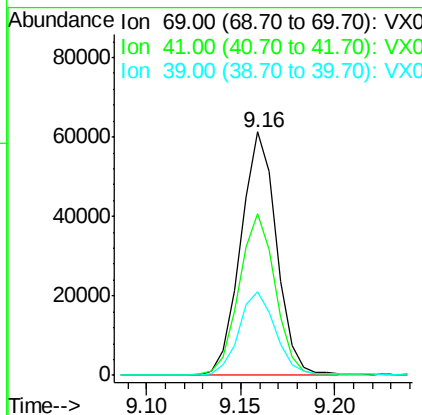
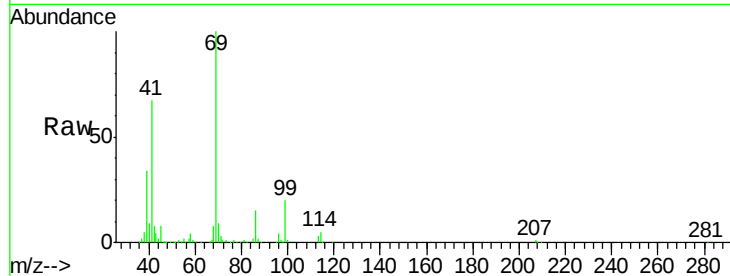
ClientSampleId :

VX0708WBS02

Tot Ion:	69	Resp:	81053
Ion	Ratio	Lower	Upper
69	100		
41	66.3	33.7	101.1
39	33.9	19.9	59.7

Manual Integrations
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7/9/2020 10:59:59 AM



#52

1,3-Dichloropropane

Concen: 17.300 ug/l

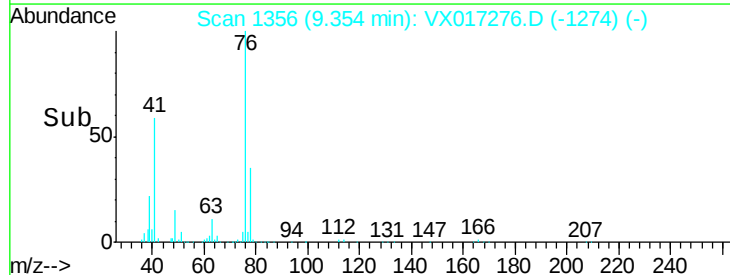
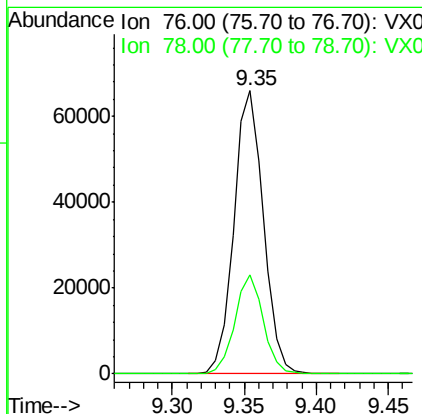
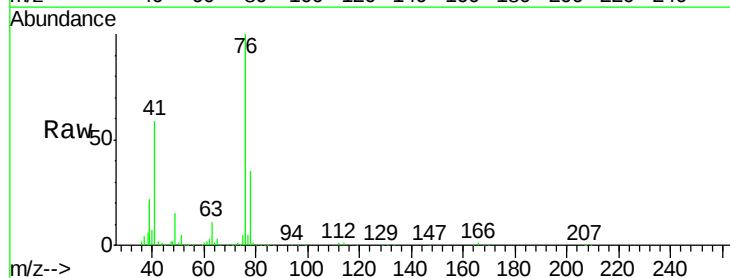
RT: 9.35 min Scan# 1356

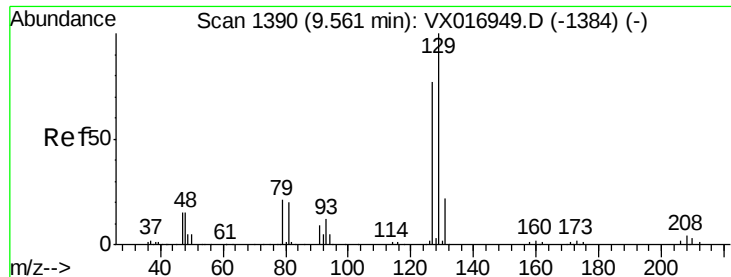
Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Tgt Ion:	76	Resp:	94256
Ion	Ratio	Lower	Upper
76	100		
78	33.4	0.0	62.4





#53

Dibromochloromethane

Concen: 19.118 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion:129 Resp: 69734

Ion Ratio Lower Upper

129 100

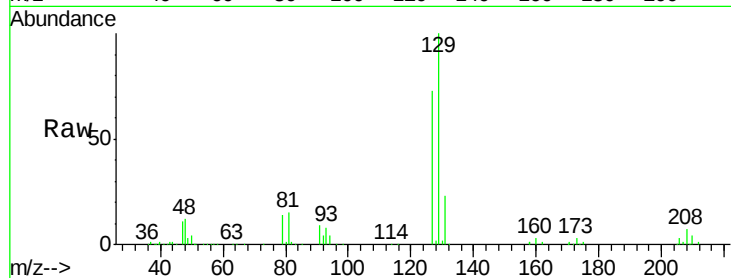
127 74.2 38.7 116.1

Manual Integrations

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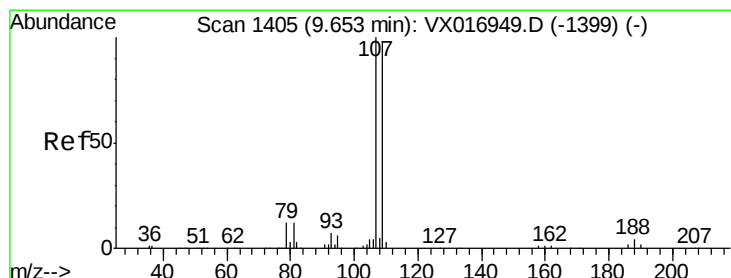
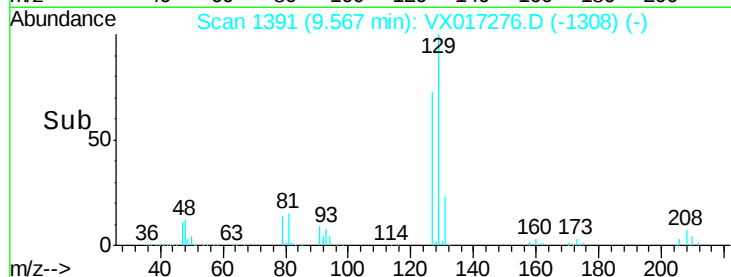
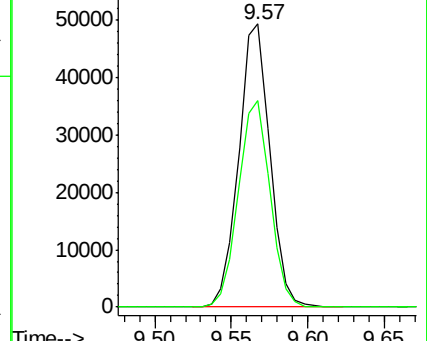
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.644 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017276.D

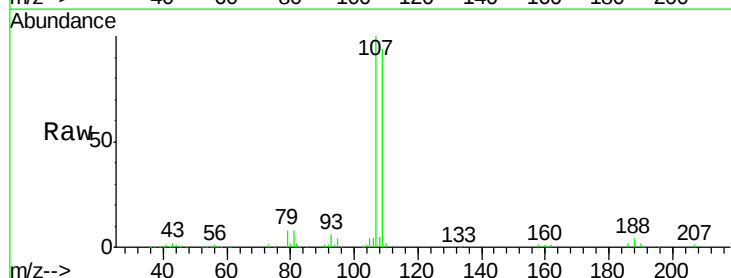
Acq: 08 Jul 2020 23:24

Tgt Ion:107 Resp: 62781

Ion Ratio Lower Upper

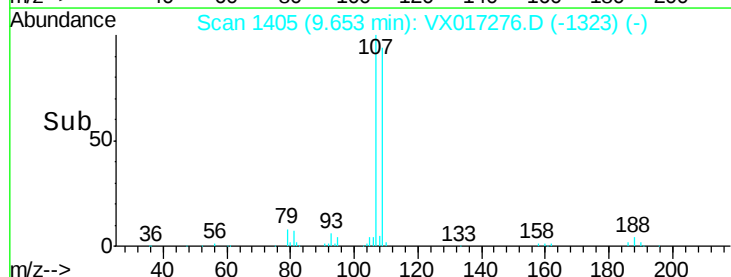
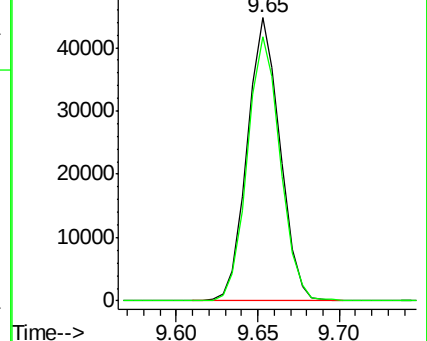
107 100

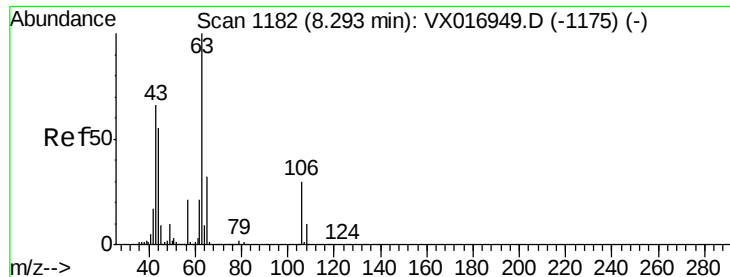
109 93.3 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 90.728 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 63 Resp: 232525
Ion Ratio Lower Upper

63 100

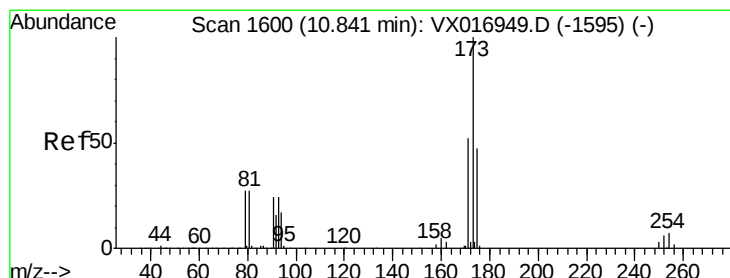
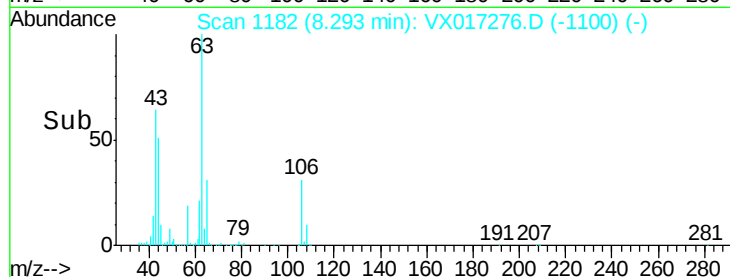
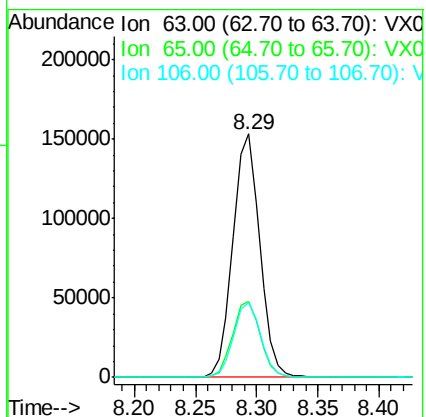
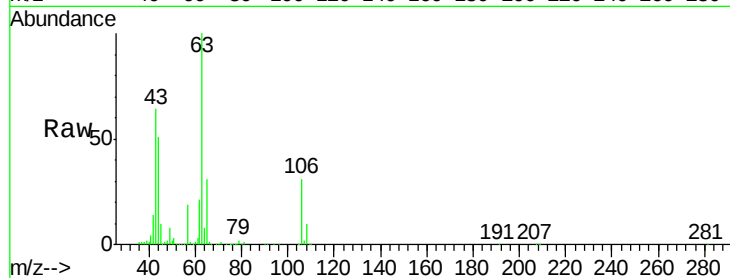
65 32.2 25.9 38.9

106 30.9 22.6 33.8

Manual Integrations
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7/9/2020 10:59:59 AM



#56

Bromoform

Concen: 20.361 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017276.D

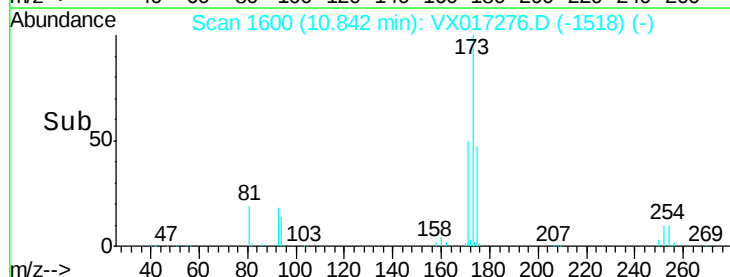
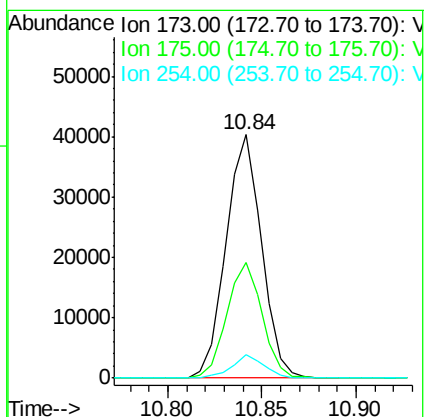
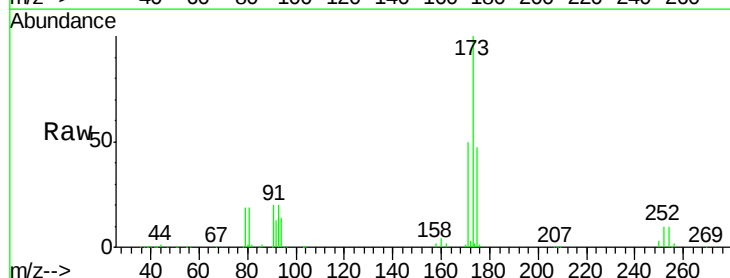
Acq: 08 Jul 2020 23:24

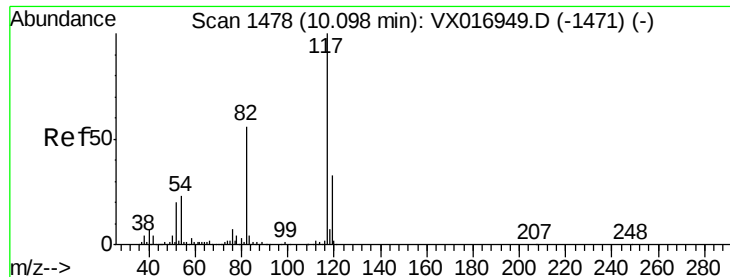
Tgt Ion: 173 Resp: 52719
Ion Ratio Lower Upper

173 100

175 47.4 38.7 58.1

254 8.8 5.8 8.6#





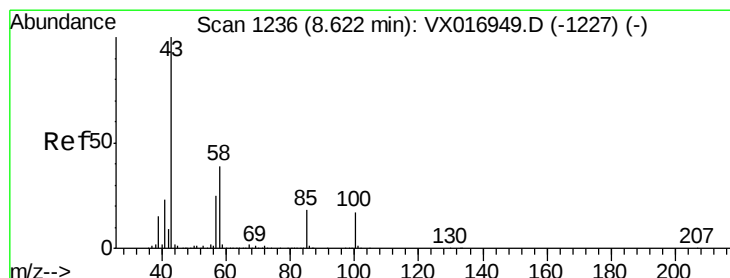
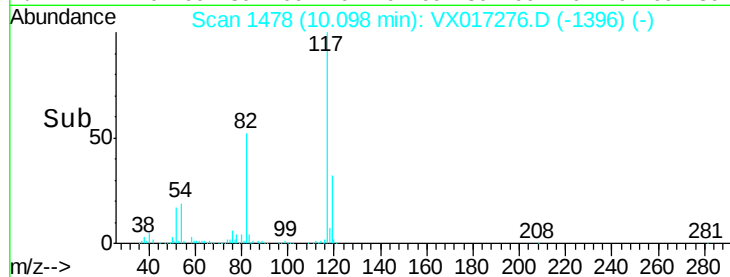
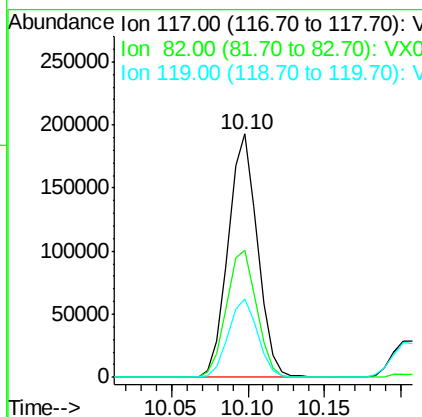
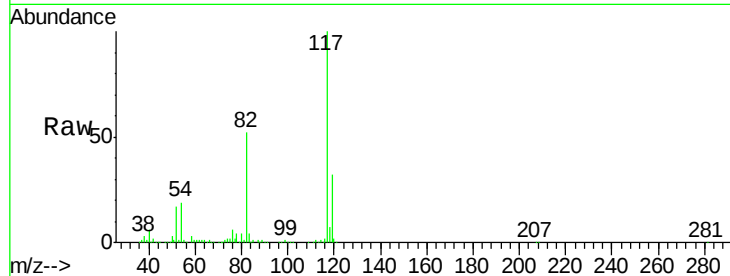
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	256029		
82	53.9		44.9	67.3
119	32.2		25.8	38.8

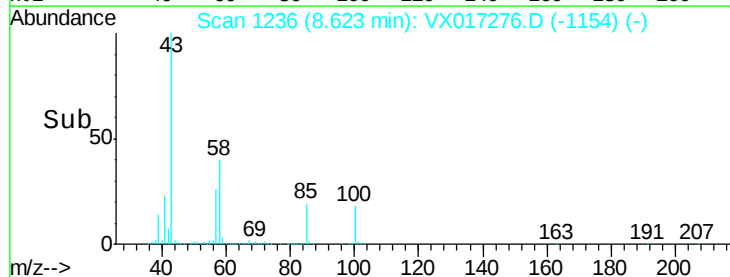
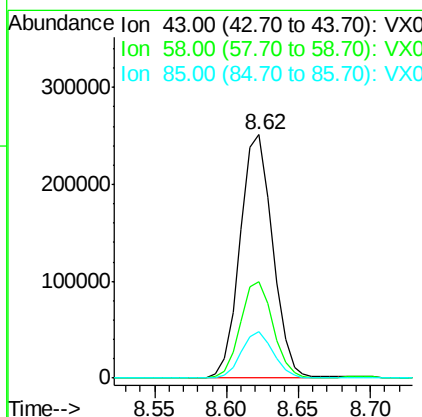
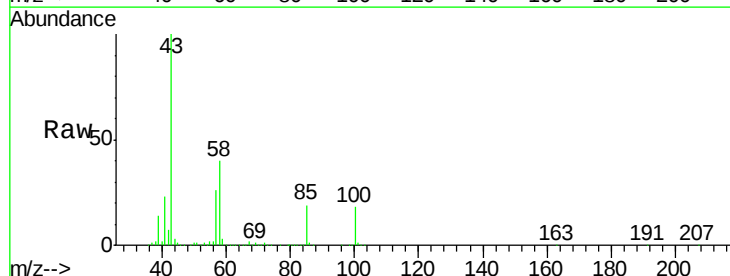
Manual Integrations
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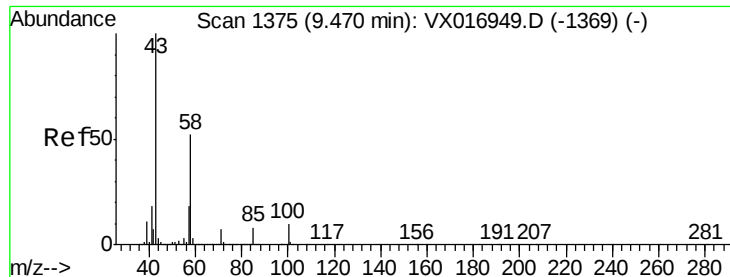
MMDadoda
7/9/2020 10:59:59 AM



#58
4-Methyl-2-Pentanone
Concen: 83.863 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	395507		
58	39.8		30.4	45.6
85	18.7		13.5	20.3





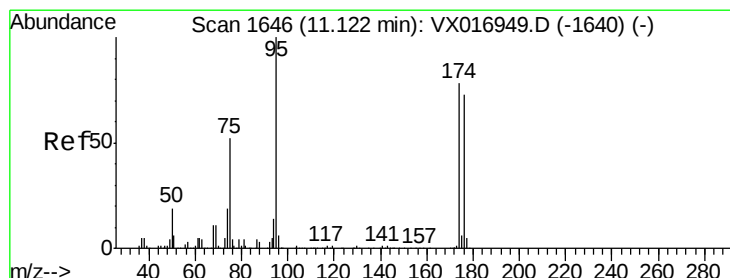
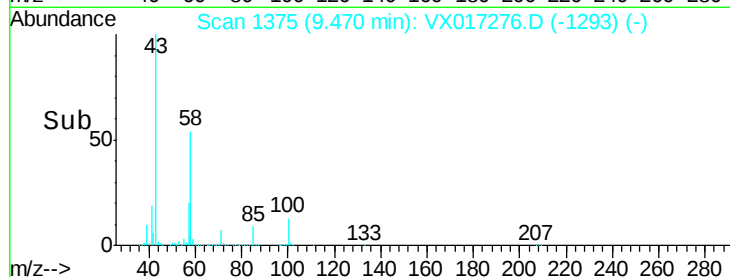
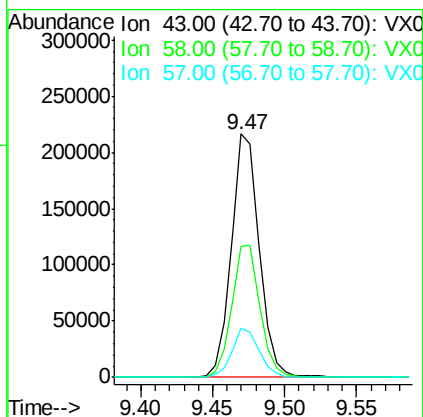
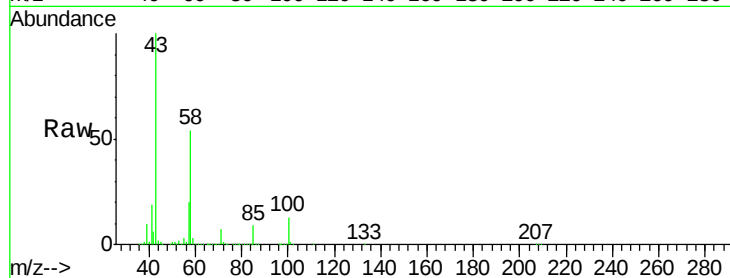
#59
2-Hexanone
Concen: 83.582 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	42.3	63.5
57	19.7	14.1	21.1

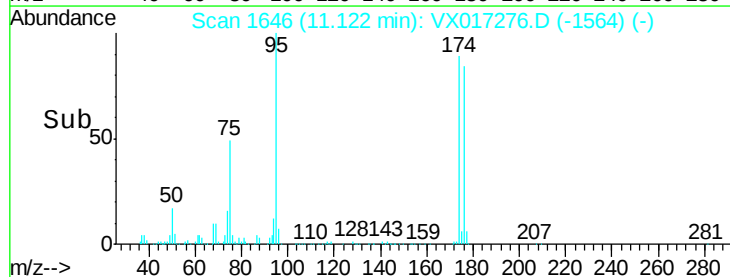
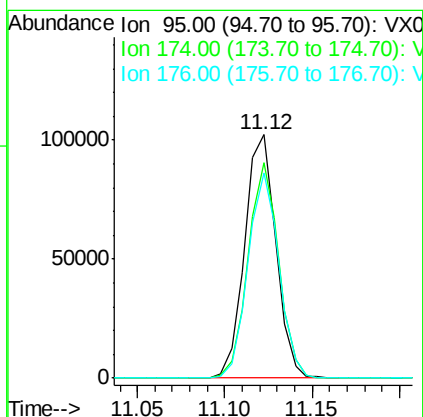
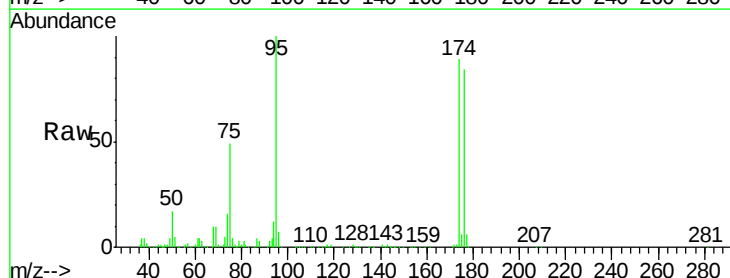
Manual Integrations
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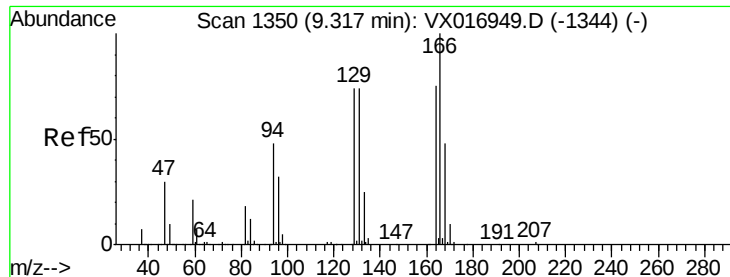
MMDadoda
7/9/2020 10:59:59 AM



#60
4-Bromofluorobenzene
Concen: 29.732 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.7	62.2	93.4
176	83.4	58.9	88.3





#61

Tetrachloroethene

Concen: 19.423 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion:164 Resp: 63418

Ion Ratio Lower Upper

164 100

166 122.5 106.3 159.5

129 96.5 78.9 118.3

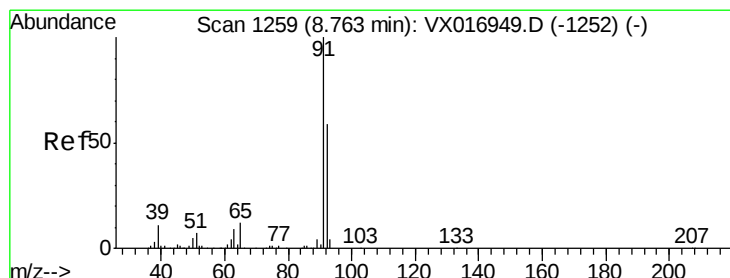
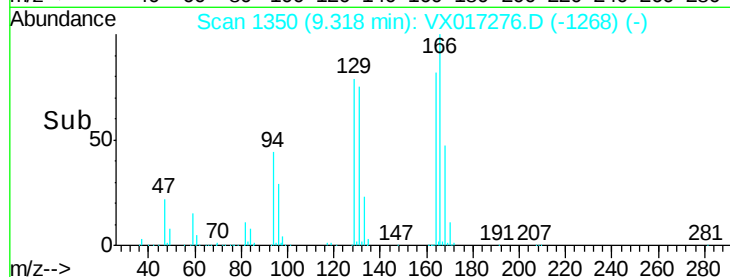
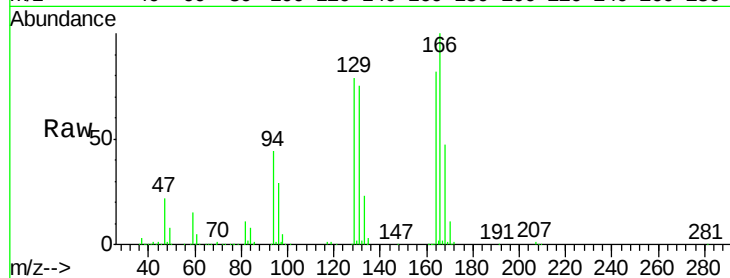
131 91.3 78.2 117.4

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#62

Toluene

Concen: 16.697 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017276.D

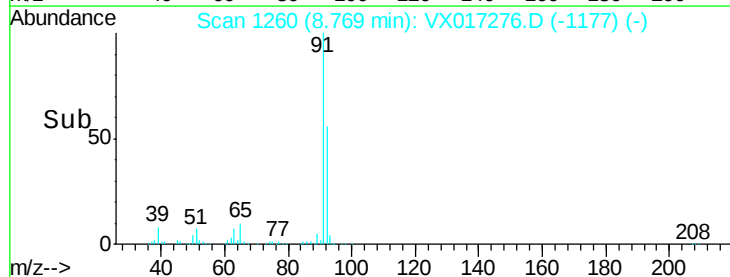
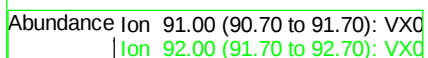
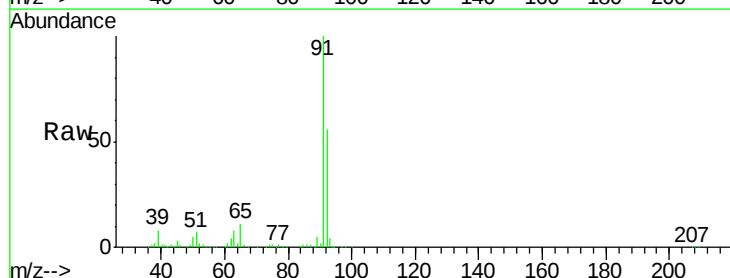
Acq: 08 Jul 2020 23:24

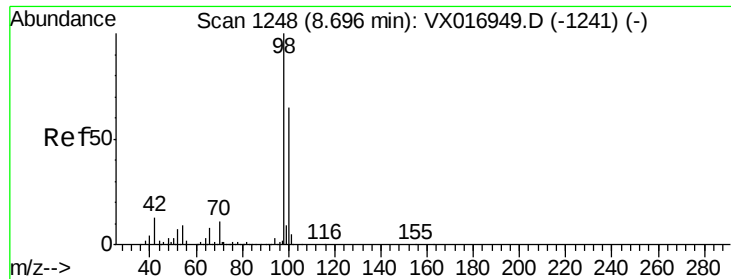
Tgt Ion: 91 Resp: 233821

Ion Ratio Lower Upper

91 100

92 59.0 46.8 70.2





#63

Toluene-d8

Concen: 29.042 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 98 Resp: 327770

Ion Ratio Lower Upper

98 100

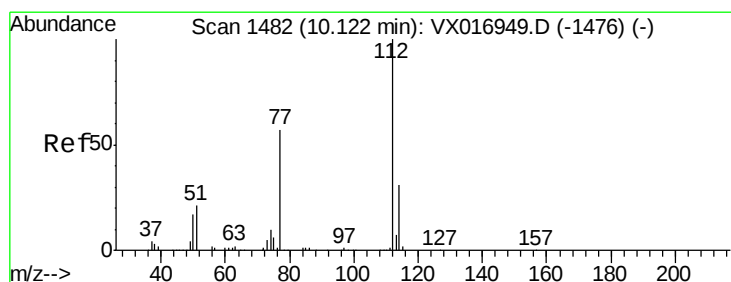
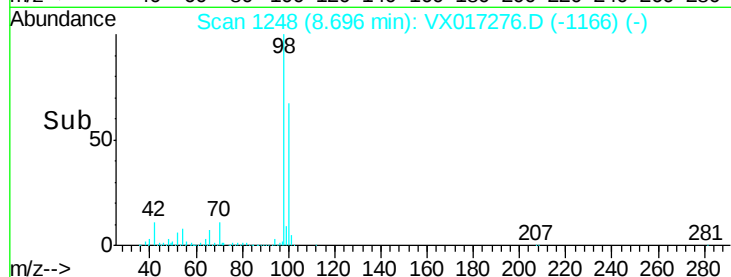
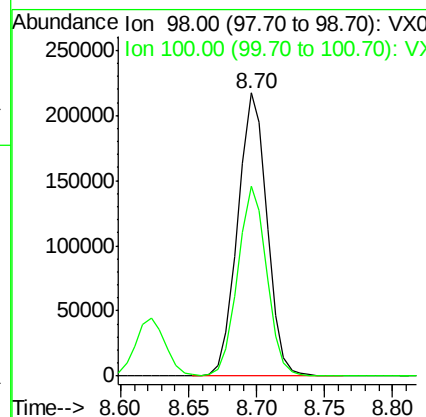
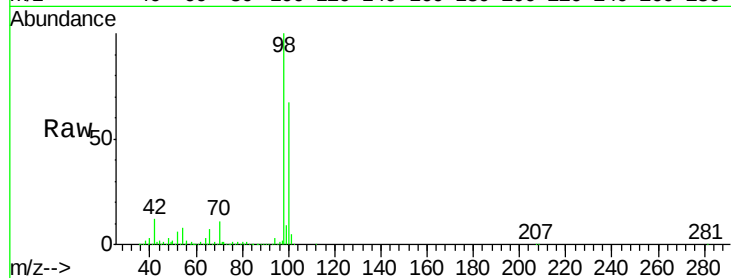
100 65.8 52.3 78.5

Manual Integrations

APPROVED

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#64

Chlorobenzene

Concen: 17.502 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017276.D

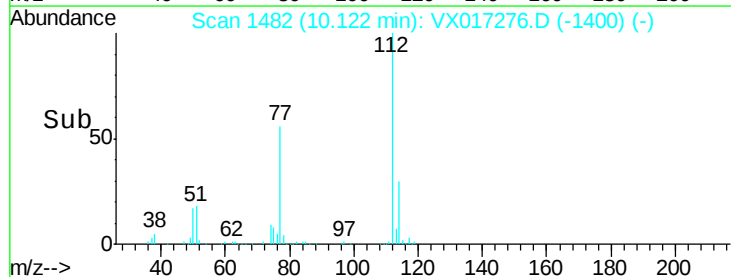
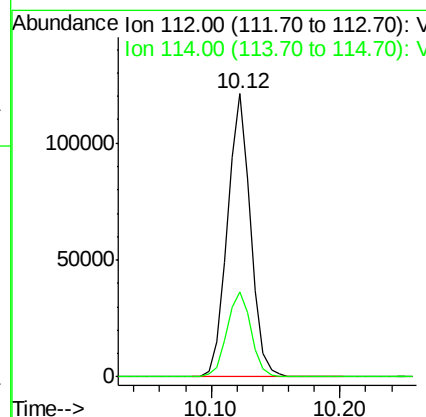
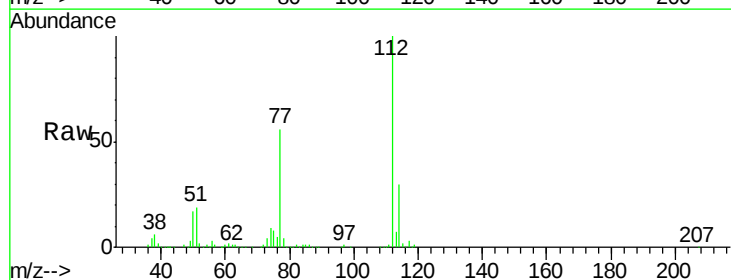
Acq: 08 Jul 2020 23:24

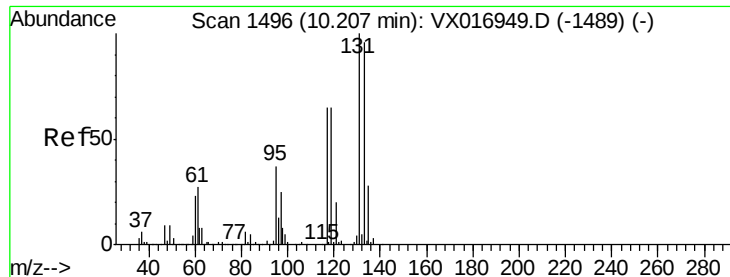
Tgt Ion: 112 Resp: 153550

Ion Ratio Lower Upper

112 100

114 30.1 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.555 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

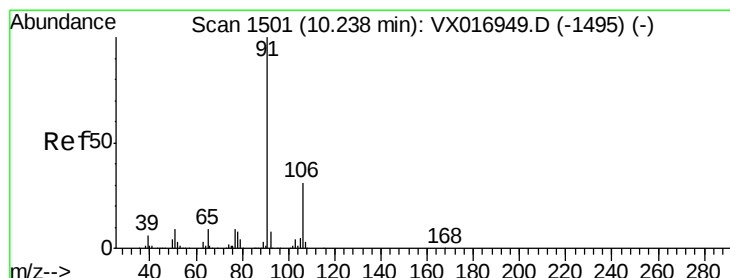
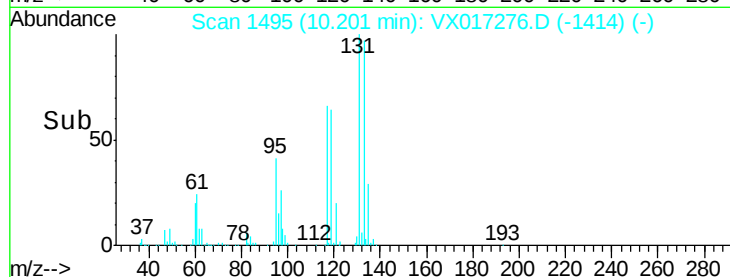
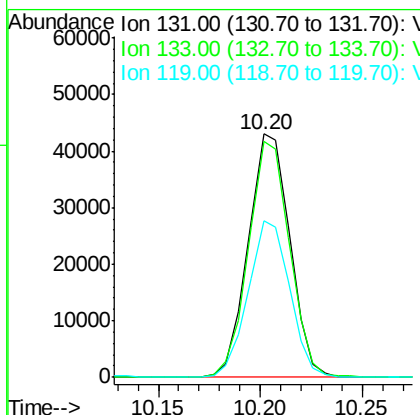
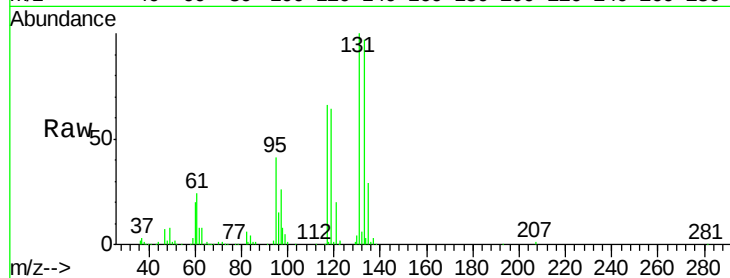
ClientSampled :

VX0708WBS02

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	0.0	190.2
119	64.2	0.0	133.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 16.444 ug/l

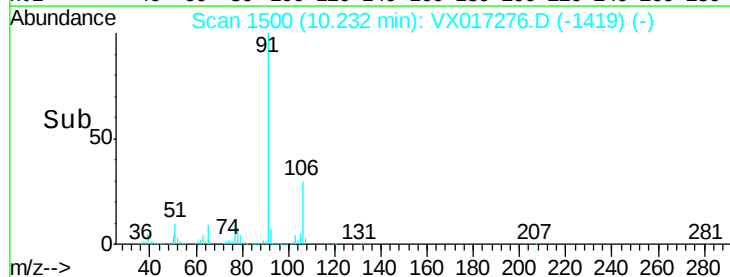
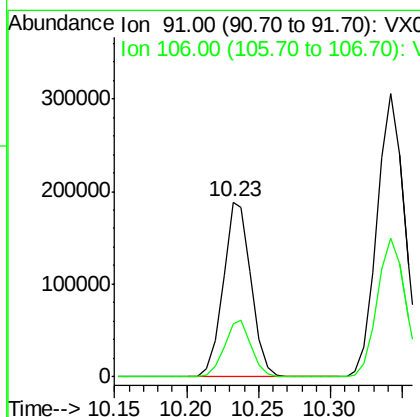
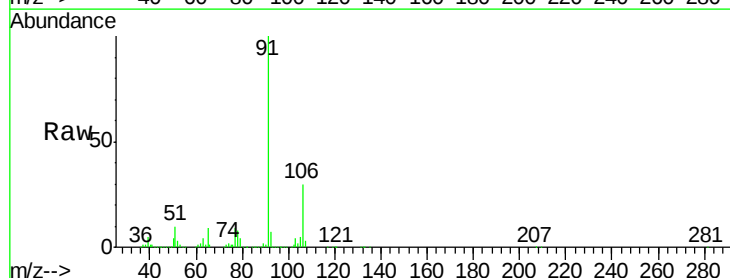
RT: 10.23 min Scan# 1500

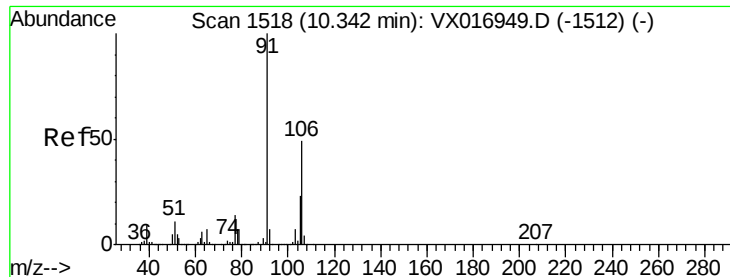
Delta R.T. -0.01 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.8	37.2





#67

m/p-Xylenes

Concen: 34.181 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS02

Tot Ion:106 Resp: 200236

Ion Ratio Lower Upper

106 100

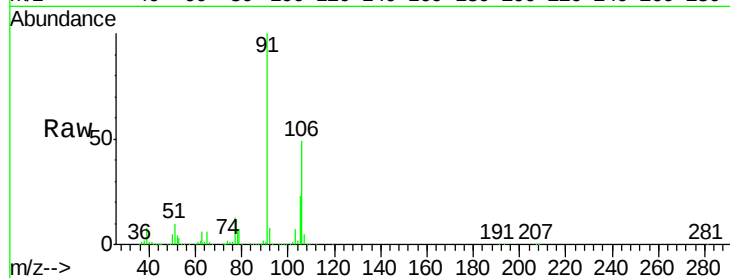
91 201.6 164.5 246.7

Manual Integrations

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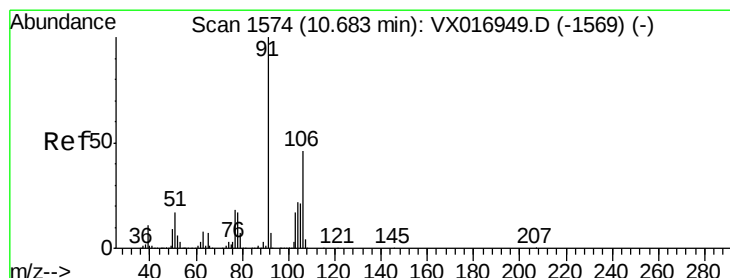
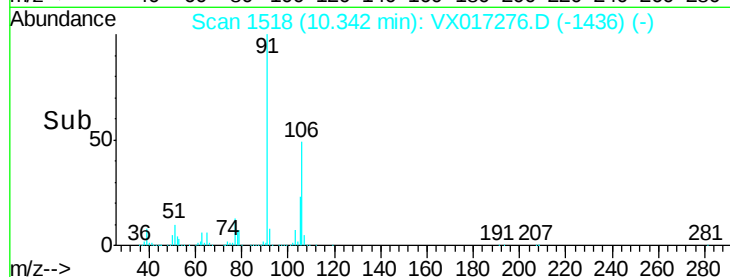
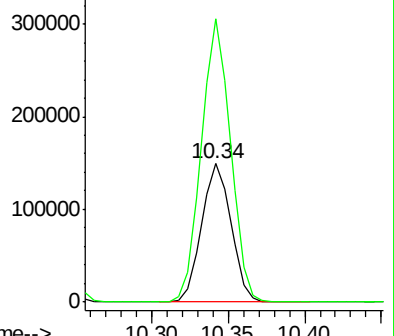
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 16.552 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017276.D

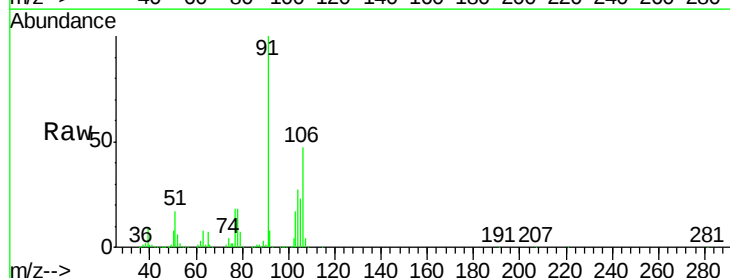
Acq: 08 Jul 2020 23:24

Tgt Ion:106 Resp: 93145

Ion Ratio Lower Upper

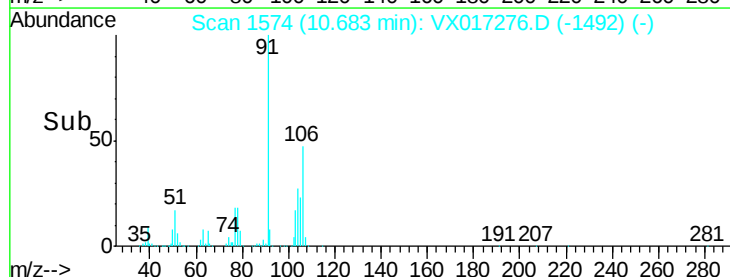
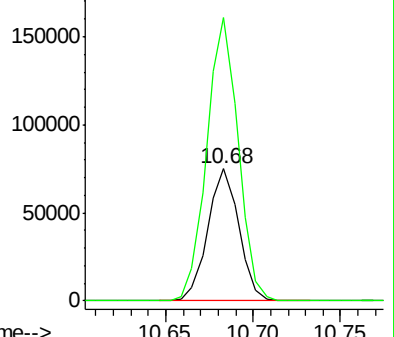
106 100

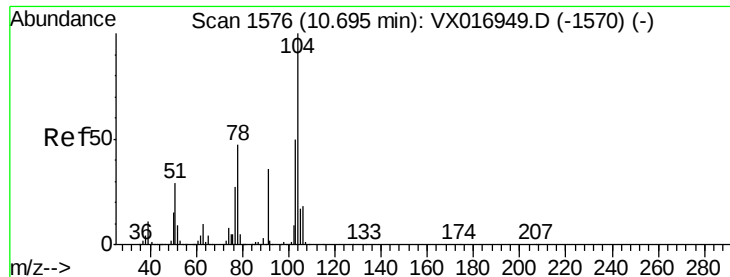
91 215.1 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





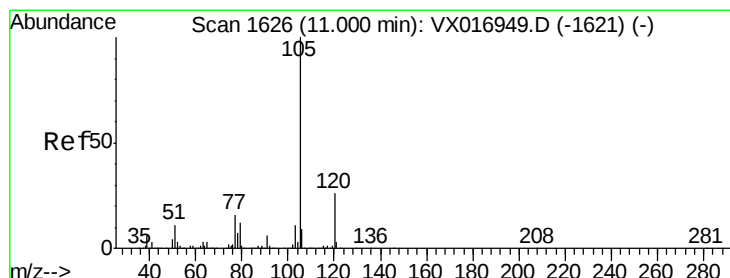
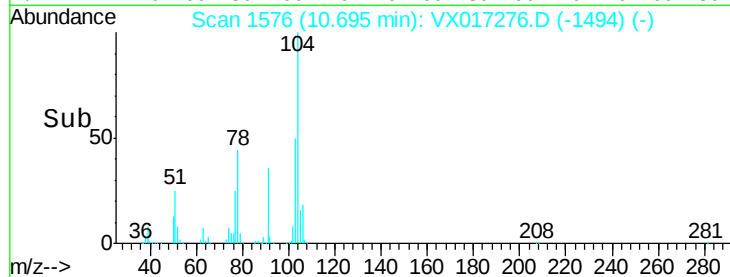
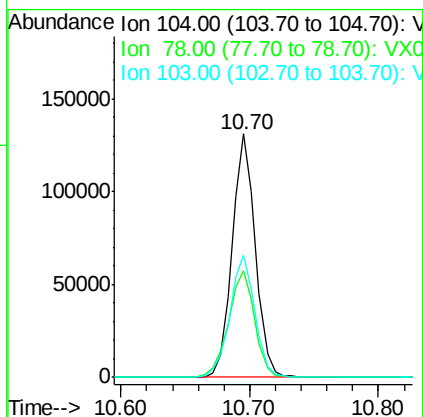
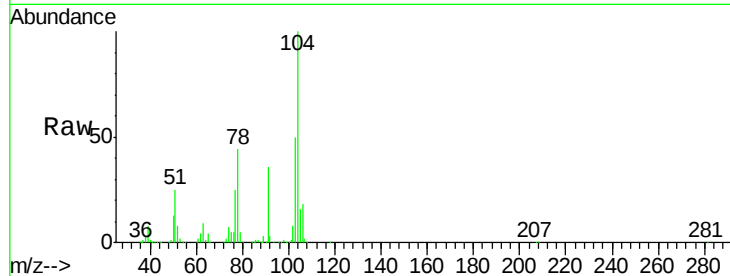
#69
Stvrene
Concen: 17.081 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS02

Tot Ion	Ratio	Resp	Lower	Upper
104	100	164580		
78	49.3		42.6	64.0
103	54.2		44.1	66.1

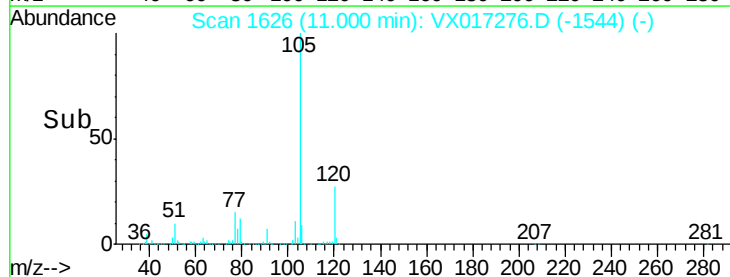
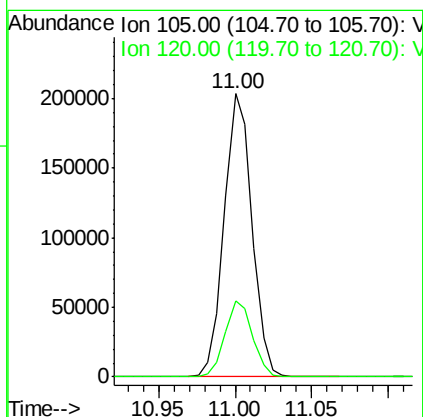
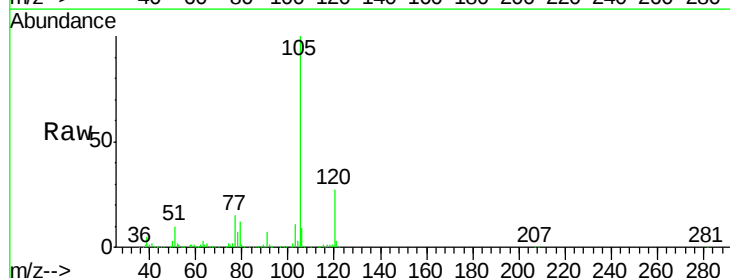
Manual Integrations
APPROVED

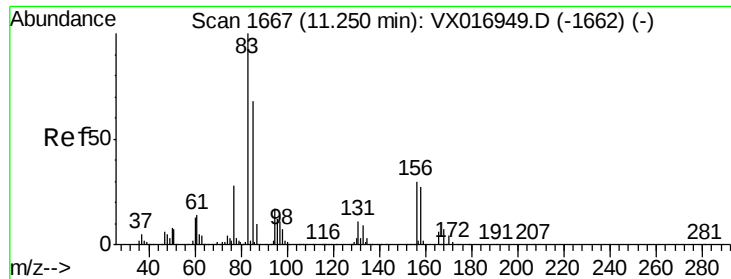
MMDadoda
7/9/2020 10:59:59 AM



#70
Isopropylbenzene
Concen: 16.749 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	255640		
120	26.7		19.0	35.4





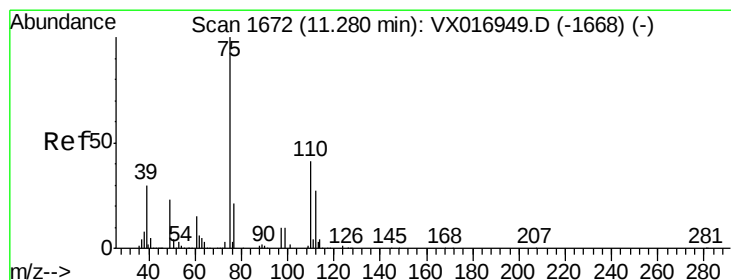
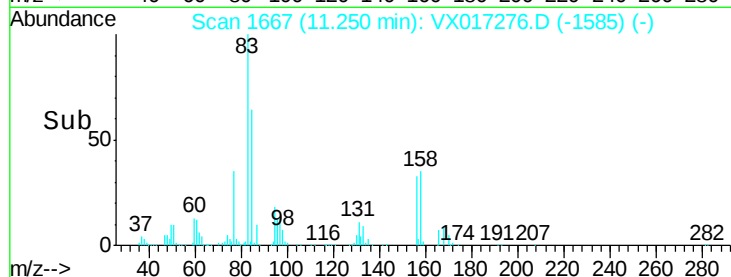
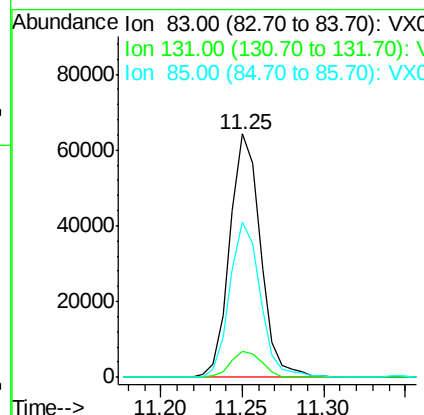
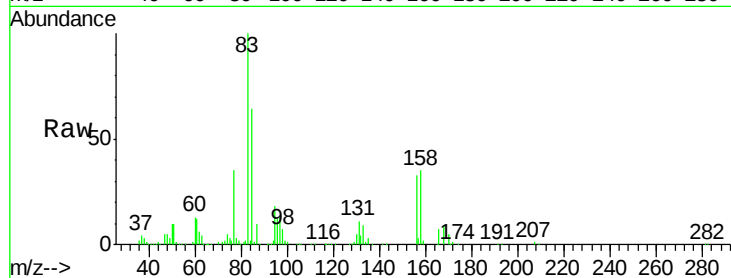
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.000 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.2	15.6
85	63.5	33.1	99.3

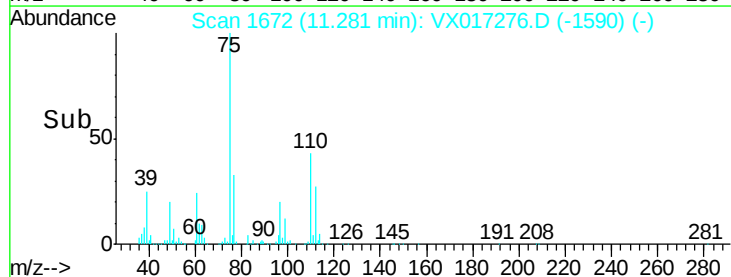
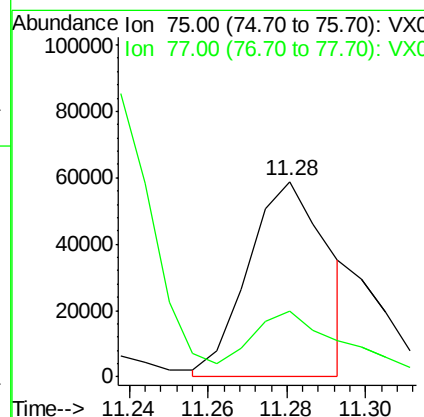
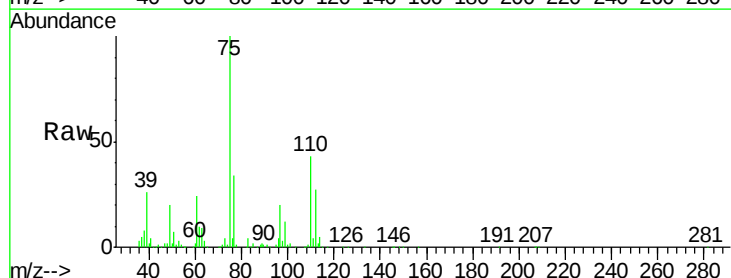
Manual Integrations
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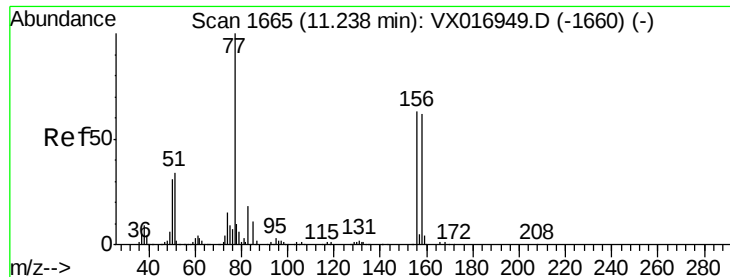
MMDadoda
 7/9/2020 10:59:59 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.266 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.7	0.0	77.2





#73

Bromobenzene

Concen: 18.172 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

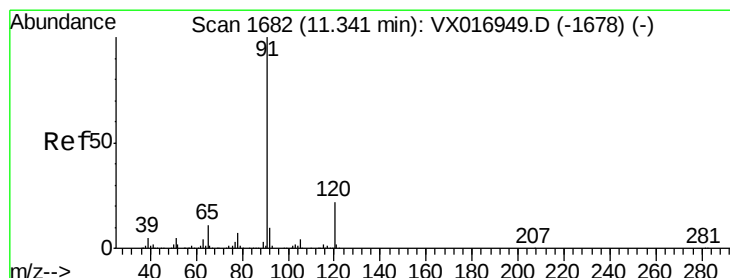
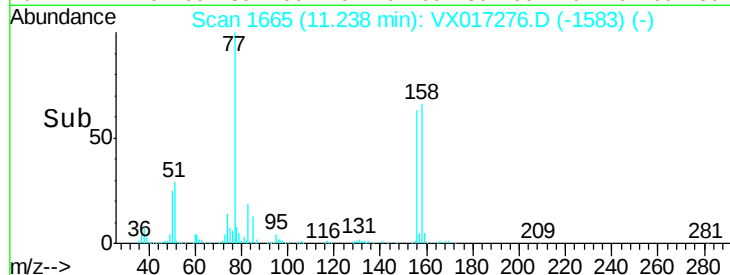
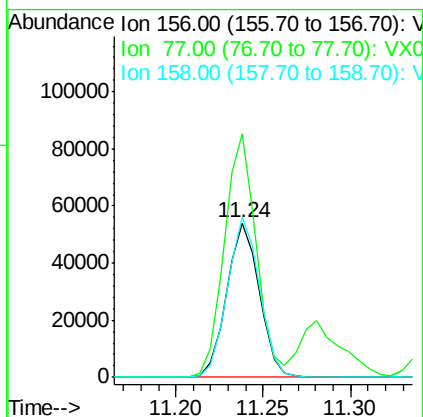
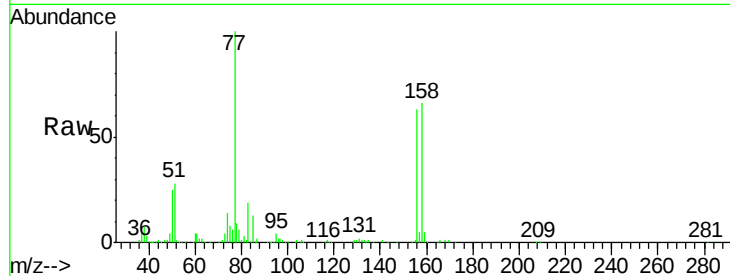
ClientSampleId :

VX0708WBS02

Tot Ion:	156	Resp:	69999
Ion Ratio	Lower	Upper	
156	100		
77	154.6	0.0	317.2
158	102.1	0.0	188.4

Manual Integrations
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7/9/2020 10:59:59 AM



#74

n-propylbenzene

Concen: 16.061 ug/l

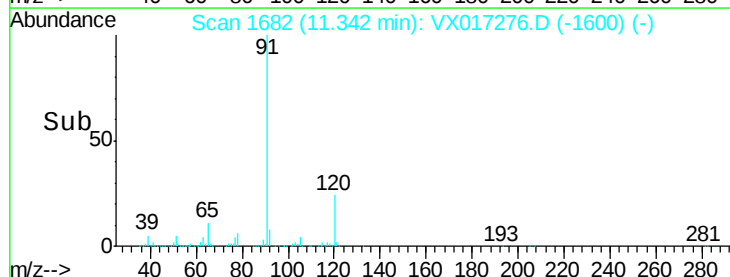
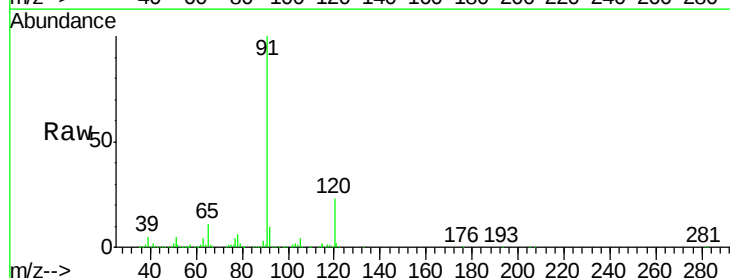
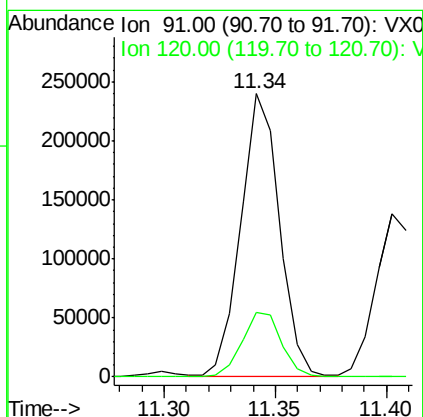
RT: 11.34 min Scan# 1682

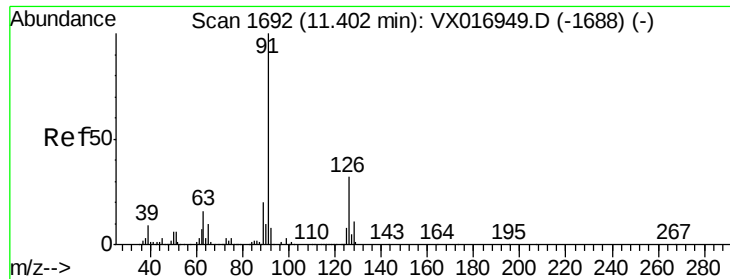
Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Tgt Ion:	91	Resp:	291061
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	45.6





#75

2-Chlorotoluene

Concen: 16.734 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 91 Resp: 176842

Ion Ratio Lower Upper

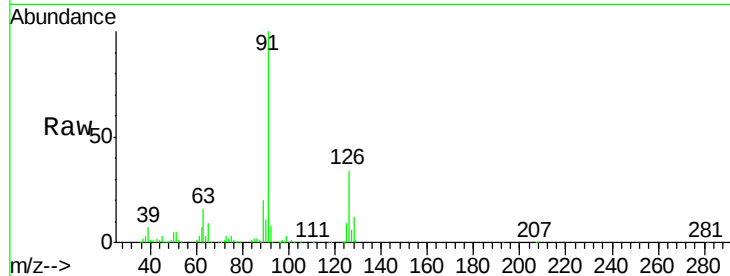
91 100

126 35.8 0.0 68.0

Manual Integrations
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7/9/2020 10:59:59 AM



Abundance Ion 91.00 (90.70 to 91.70): VX016949.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX016949.D (-1688) (-)

250000

200000

150000

100000

50000

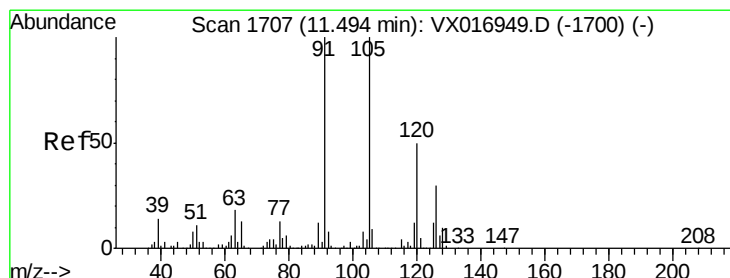
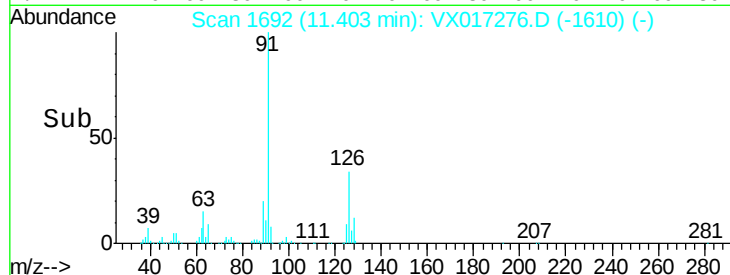
0

11.35

11.40

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.269 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017276.D

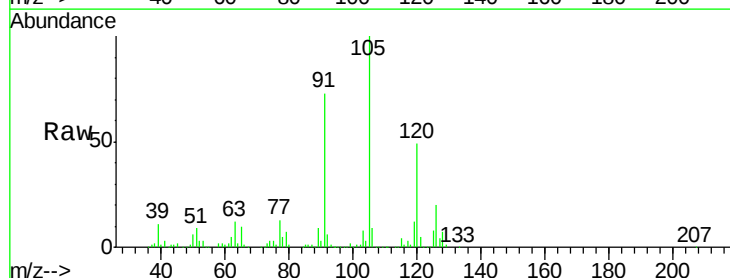
Acq: 08 Jul 2020 23:24

Tgt Ion: 105 Resp: 221233

Ion Ratio Lower Upper

105 100

120 49.2 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX016949.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016949.D (-1700) (-)

200000

150000

100000

50000

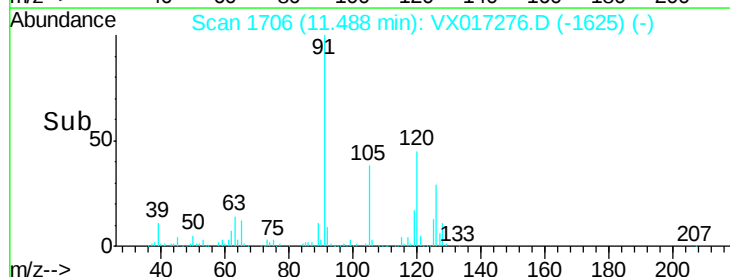
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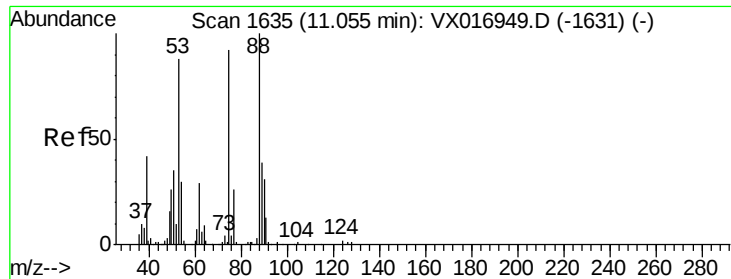
11.45

11.49

11.50

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 14.910 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX017276.D

Acq: 08 Jul 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS02

Tot Ion: 75 Resp: 27199

Ion Ratio Lower Upper

75 100

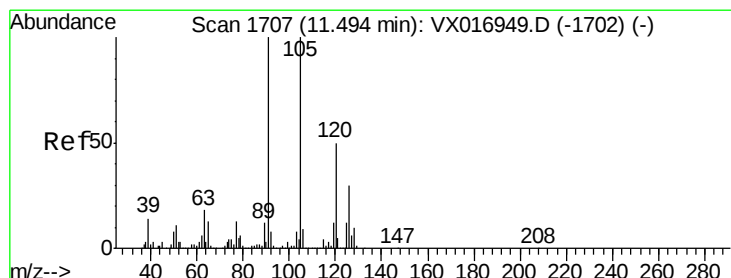
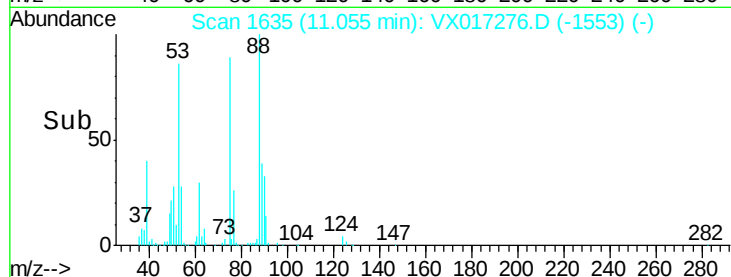
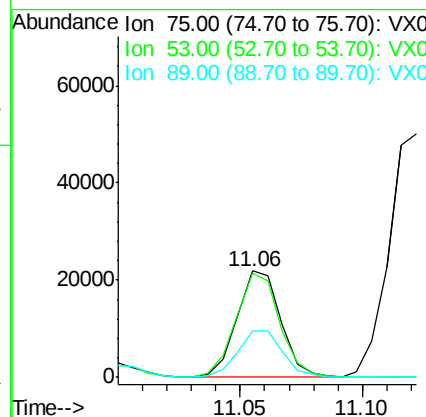
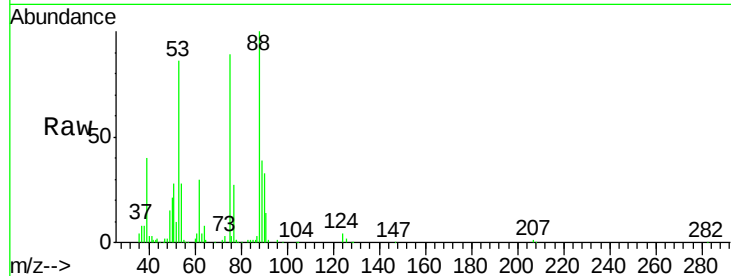
53 97.3 47.6 142.9

89 43.8 21.1 63.4

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MMDadoda

7/9/2020 10:59:59 AM



#78

4-Chlorotoluene

Concen: 17.066 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017276.D

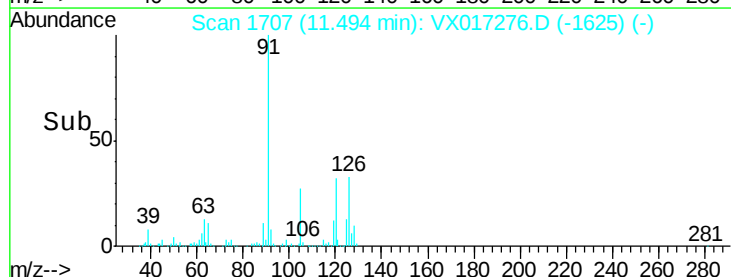
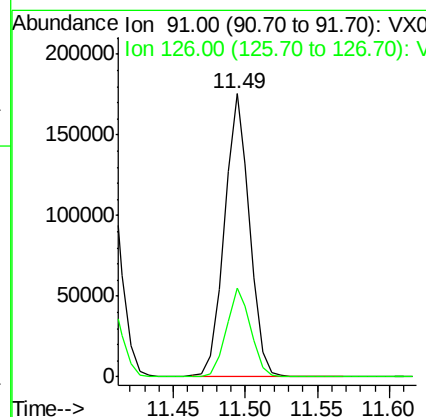
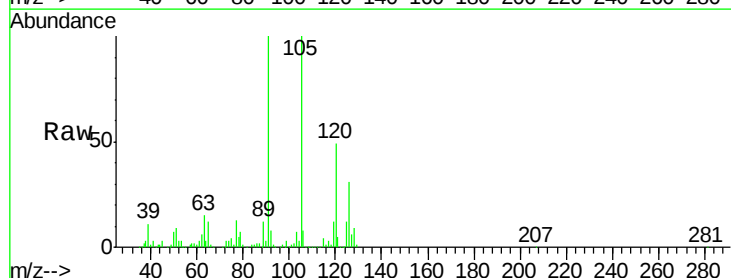
Acq: 08 Jul 2020 23:24

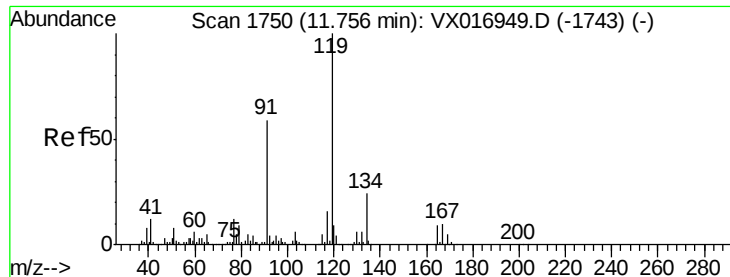
Tgt Ion: 91 Resp: 213529

Ion Ratio Lower Upper

91 100

126 30.6 0.0 60.6





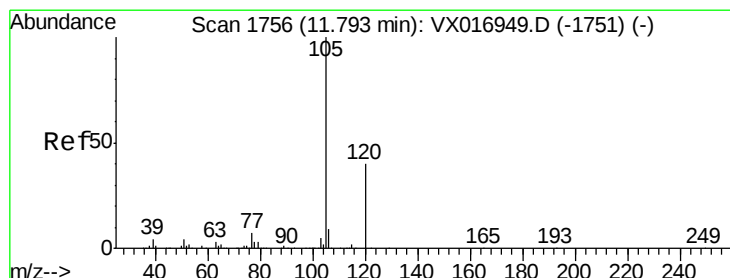
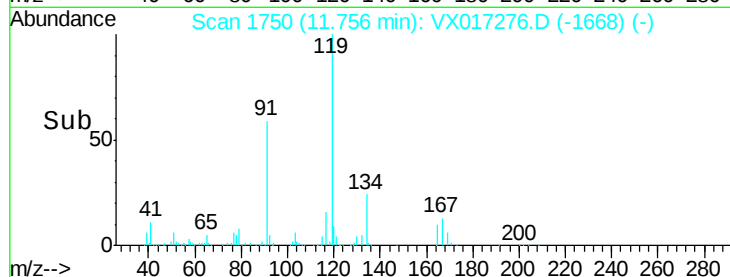
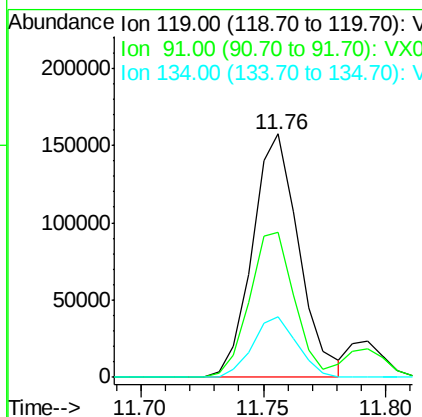
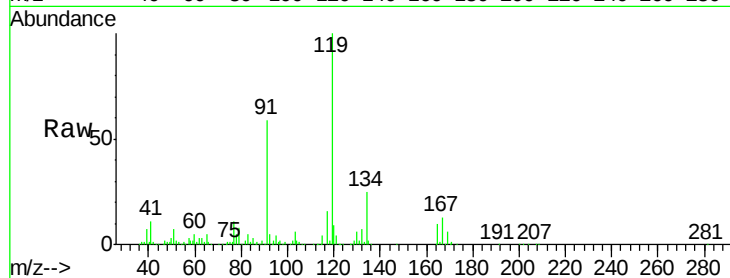
#79
tert-butylbenzene
Concen: 16.901 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207427		
91	57.7	0.0	115.2	
134	23.7	0.0	45.8	

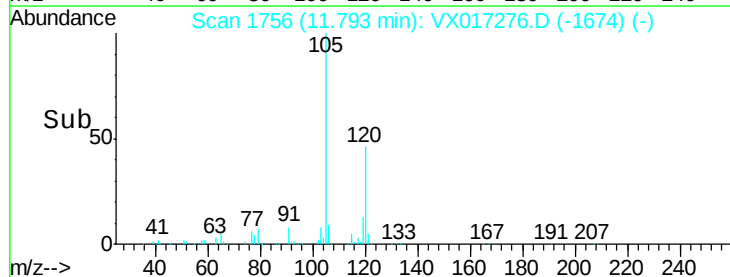
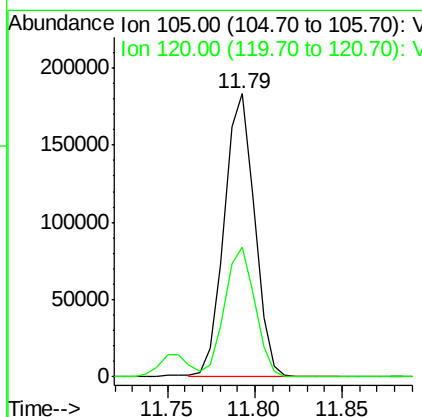
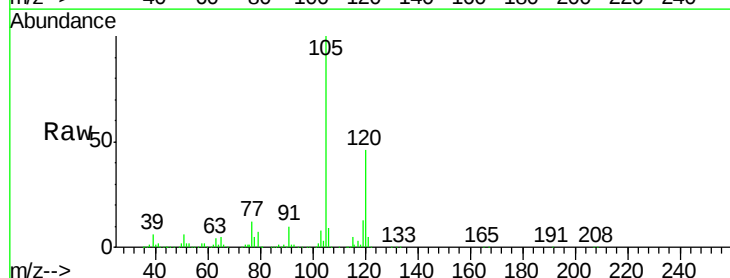
Manual Integrations
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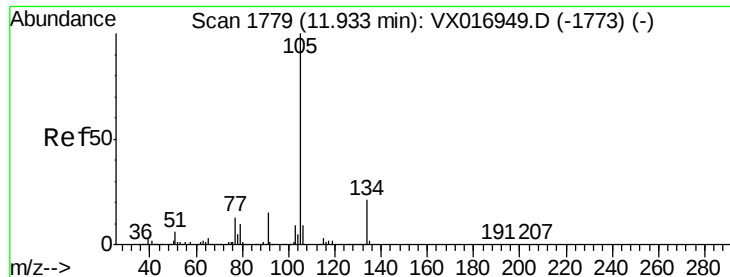
MMDadoda
7/9/2020 10:59:59 AM



#80
1,2,4-Trimethylbenzene
Concen: 17.221 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	221485		
120	45.9	0.0	89.8	





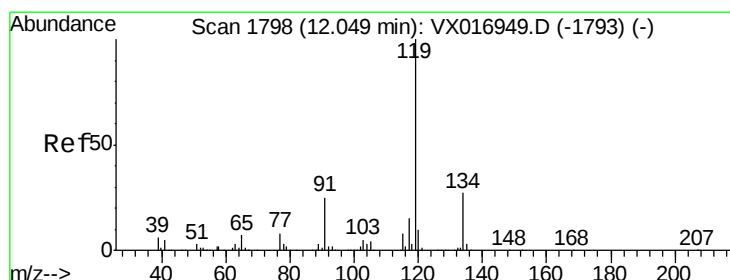
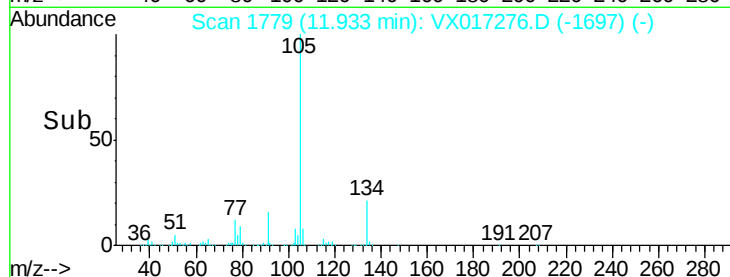
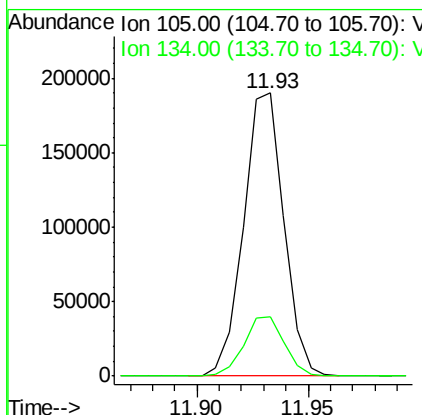
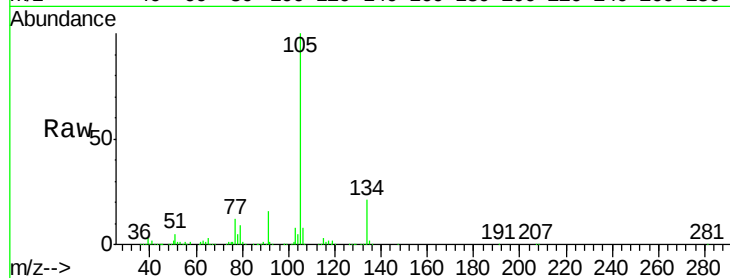
#81
 sec-Butylbenzene
 Concen: 16.184 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	240485		
134	21.2	0.0	41.2	

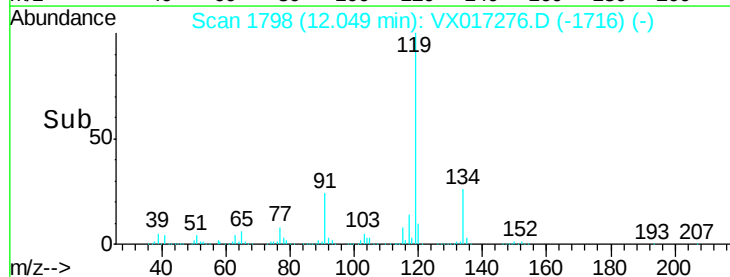
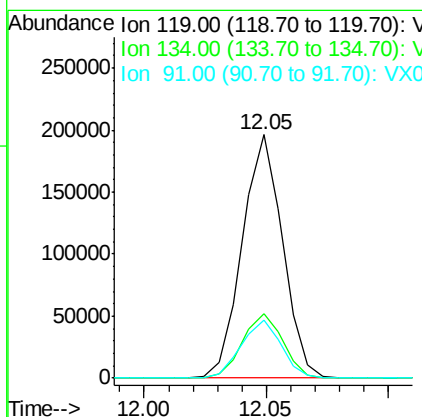
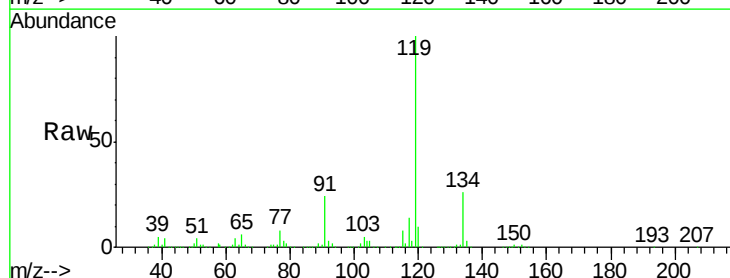
Manual Integrations
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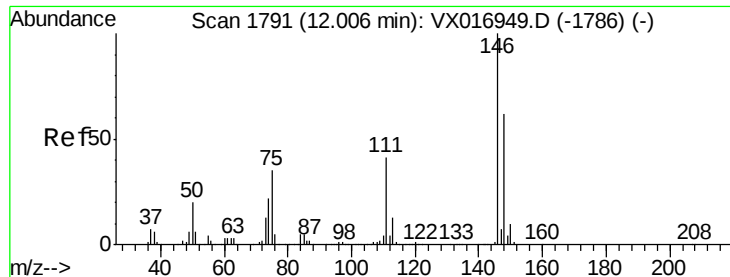
MMDadoda
 7/9/2020 10:59:59 AM



#82
 p-Isopropyltoluene
 Concen: 16.797 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	225362		
134	26.7	0.0	53.0	
91	23.9	0.0	49.0	





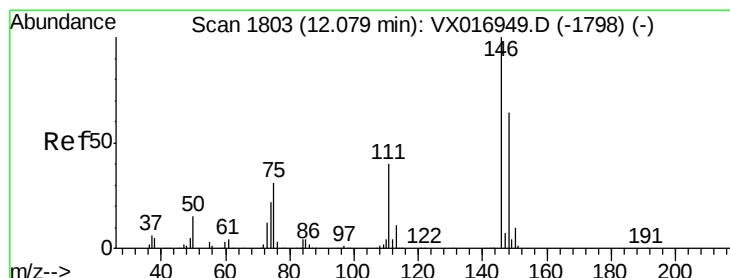
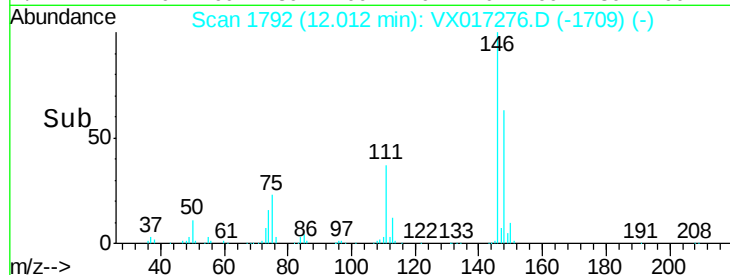
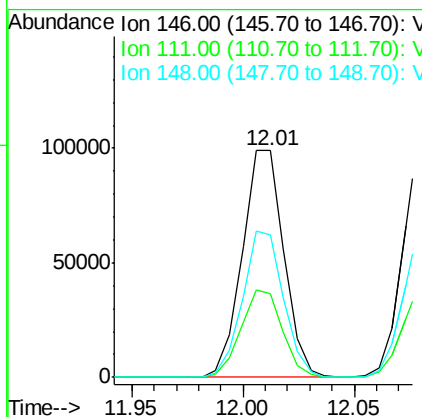
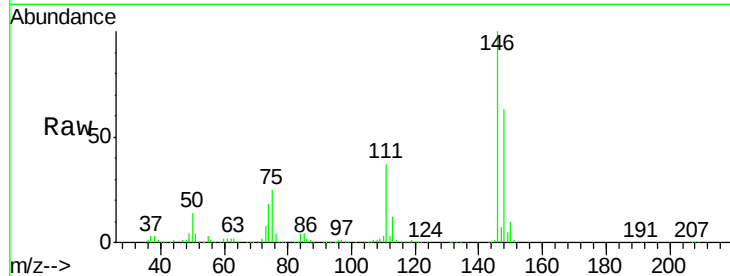
#83
 1,3-Dichlorobenzene
 Concen: 18.734 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.5	58.5
148	63.8	31.8	95.4

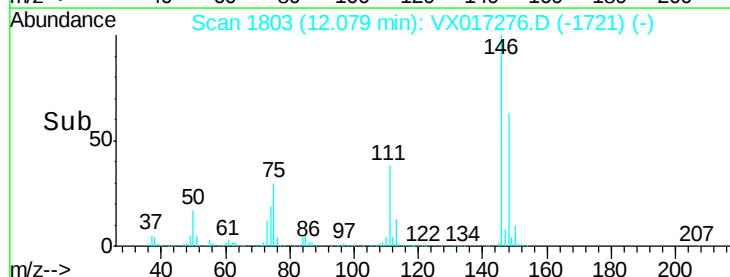
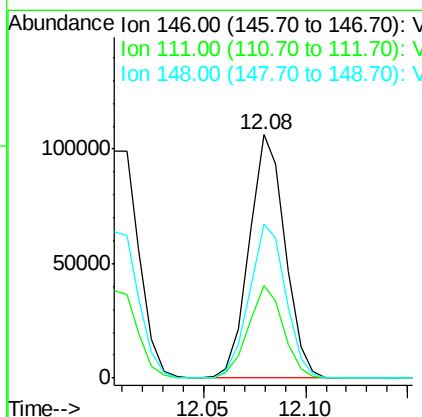
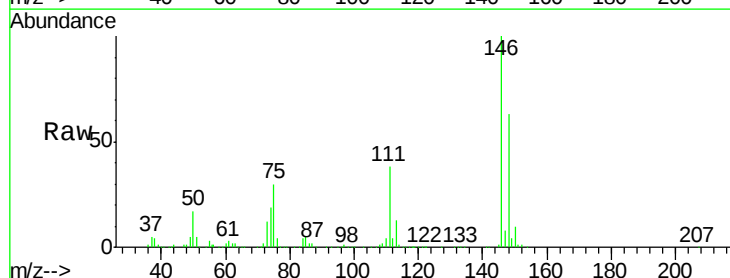
Manual Integrations
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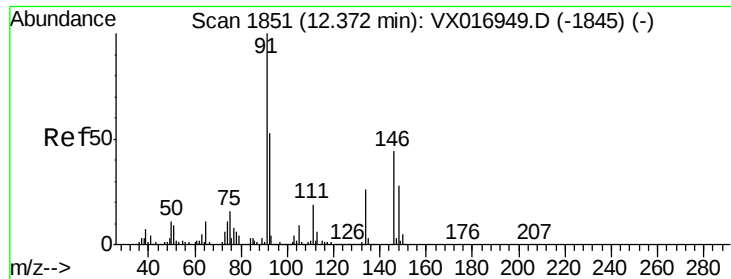
MMDadoda
 7/9/2020 10:59:59 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.810 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.4	58.2
148	64.2	32.1	96.3





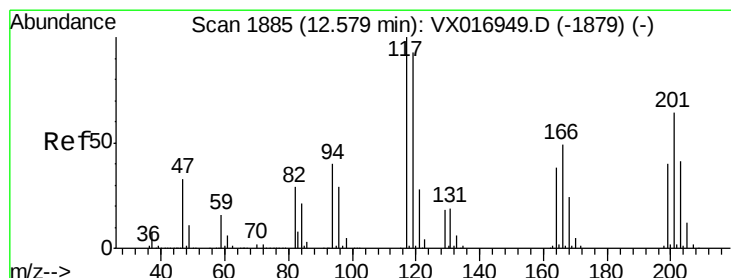
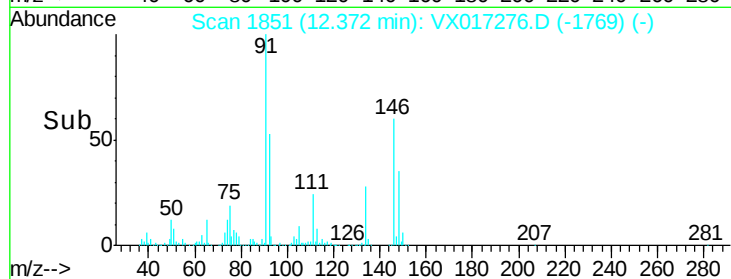
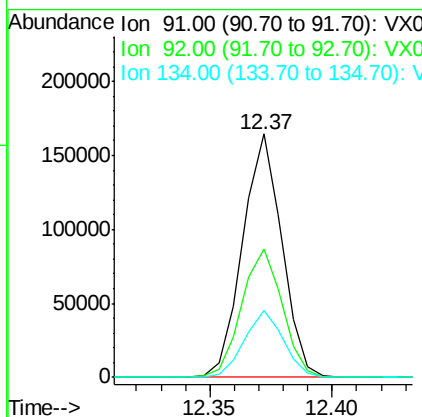
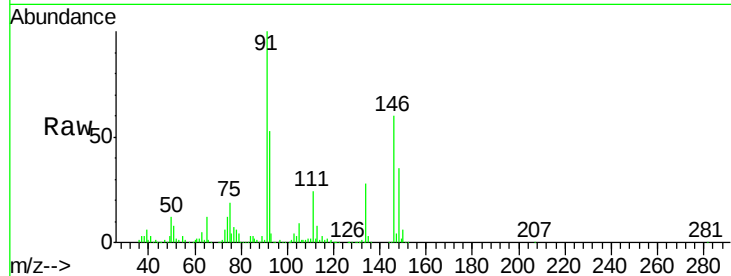
#85
n-Butylbenzene
Concen: 14.790 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	183675		
92	54.5	0.0	105.8	
134	27.5	0.0	52.2	

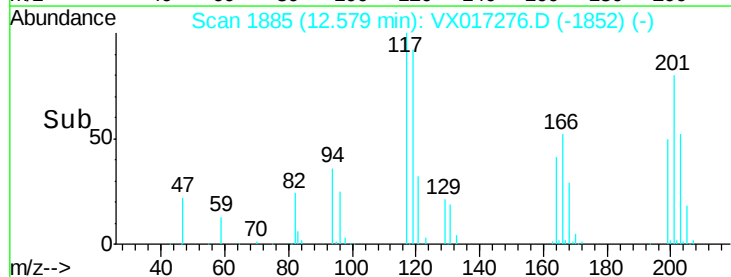
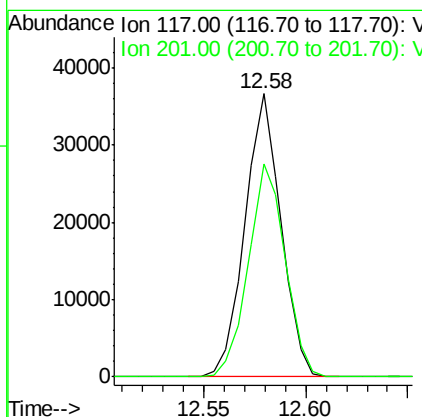
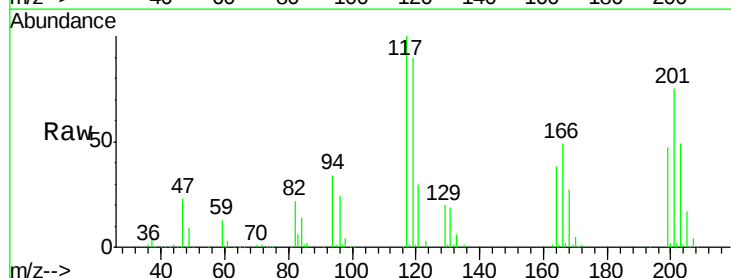
Manual Integrations
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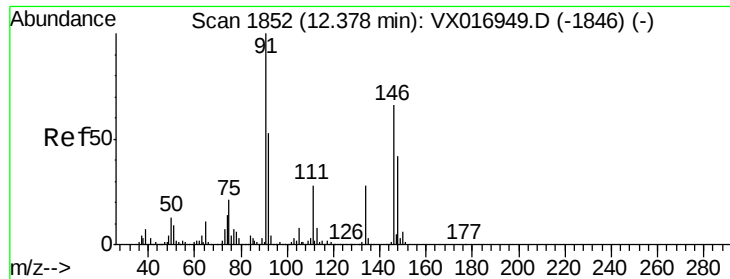
MMDadoda
7/9/2020 10:59:59 AM



#86
Hexachloroethane
Concen: 17.136 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44993		
201	76.9	34.6	103.9	





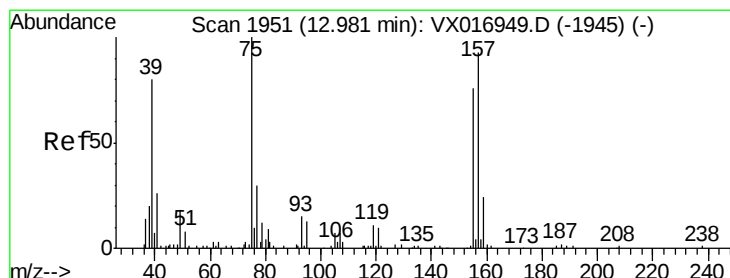
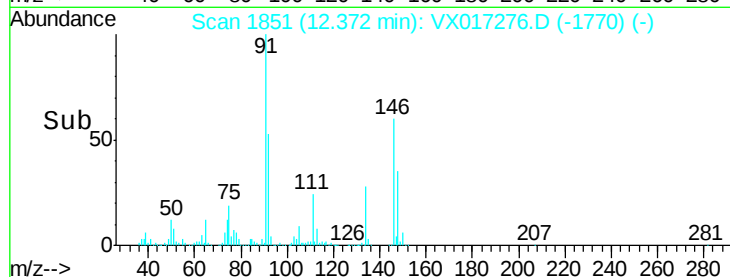
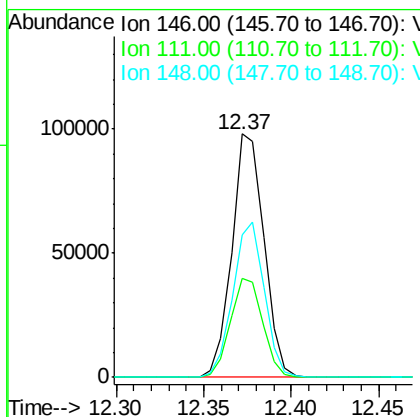
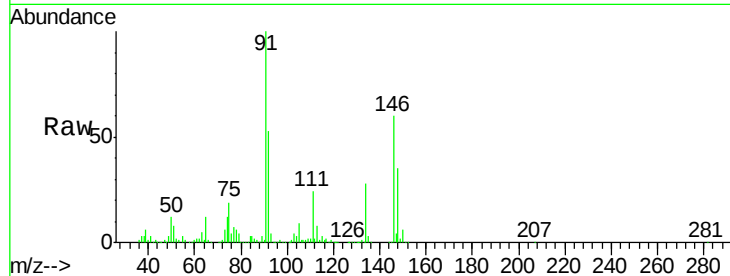
#87
 1,2-Dichlorobenzene
 Concen: 19.416 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	125446		
111	41.0	21.1	63.1	
148	62.4	32.1	96.3	

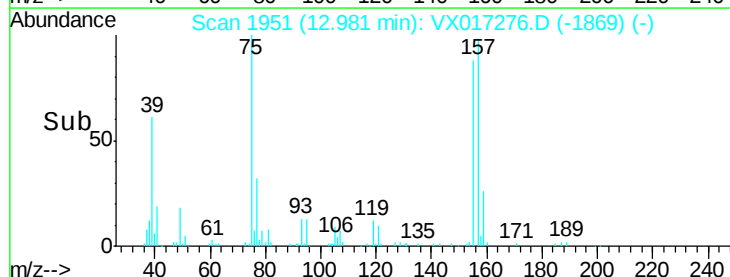
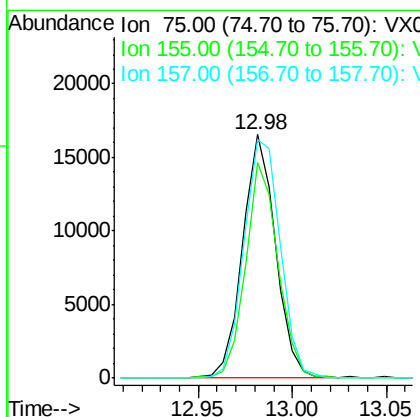
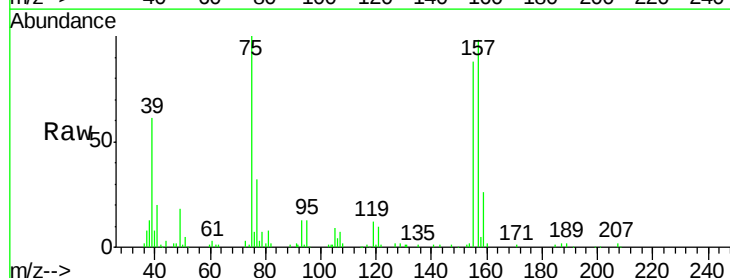
Manual Integrations
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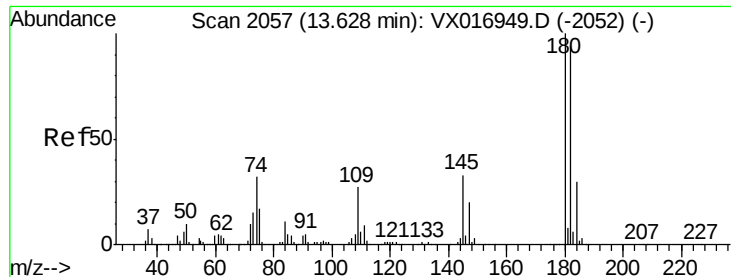
MMDadoda
 7/9/2020 10:59:59 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.832 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20083		
155	86.7	65.0	97.6	
157	108.0	83.0	124.4	





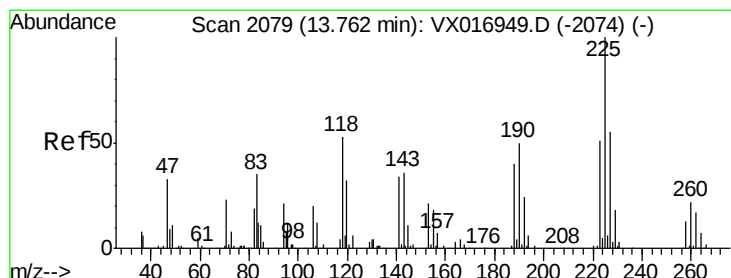
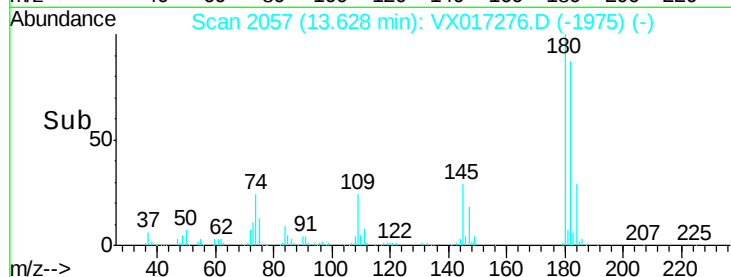
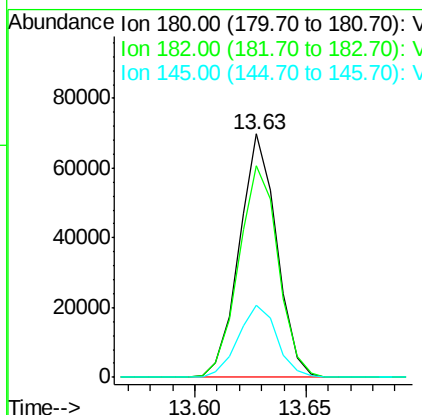
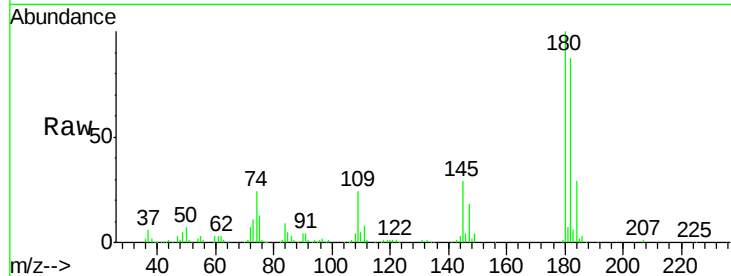
#89
 1,2,4-Trichlorobenzene
 Concen: 18.777 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	77.7	116.5
145	30.7	26.2	39.2

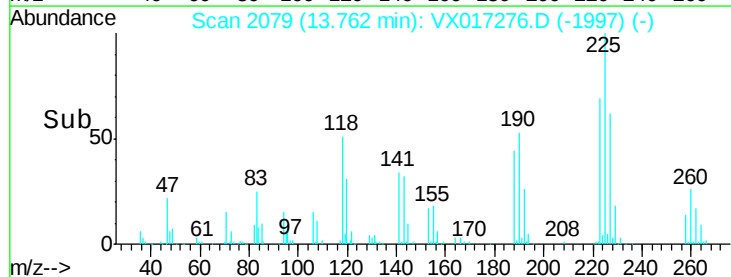
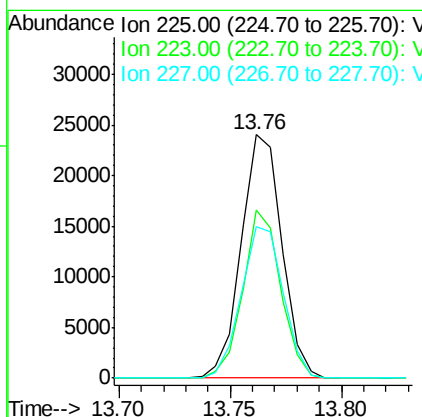
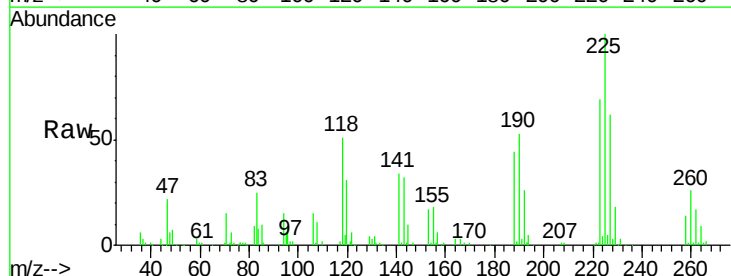
Manual Integrations
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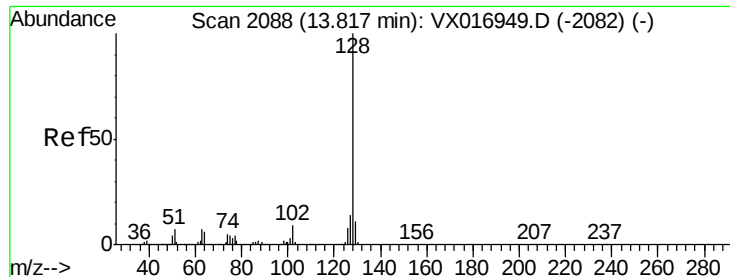
MMDadoda
 7/9/2020 10:59:59 AM



#90
 Hexachlorobutadiene
 Concen: 18.480 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017276.D
 Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	0.0	125.0
227	64.1	0.0	124.0





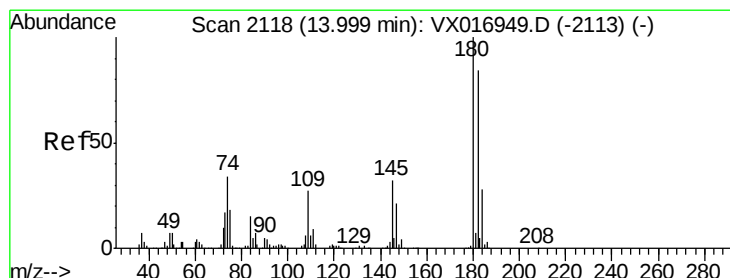
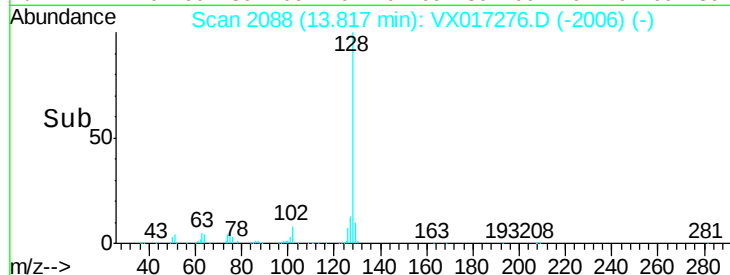
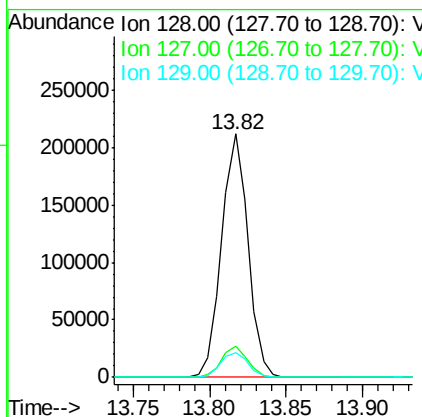
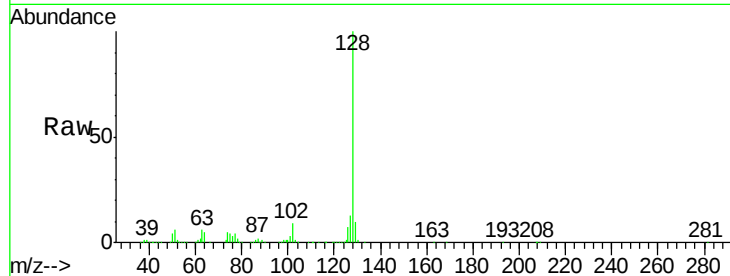
#91
Naphthalene
Concen: 17.710 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	9.0	13.4

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.487 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017276.D
Acq: 08 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	0.0	184.8
145	33.9	0.0	68.0

