

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017299.D
 Acq On : 09 Jul 2020 10:52
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:36:33 PM

Quant Time: Jul 09 11:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 11:39:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	52143	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	270918	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	254730	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	112687	28.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.07%
60) 4-Bromofluorobenzene	11.12	95	129652	30.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.87%
63) Toluene-d8	8.70	98	333230	29.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	43570	17.197	ug/l 100
3) Chloromethane	1.31	50	45663	14.201	ug/l 100
4) Vinyl Chloride	1.39	62	45706	13.914	ug/l 100
5) Bromomethane	1.64	94	34125	14.573	ug/l 100
6) Chloroethane	1.72	64	31281	14.635	ug/l 100
7) Trichlorofluoromethane	1.92	101	86765	15.821	ug/l 100
8) Diethyl Ether	2.17	74	29651	15.026	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46578	15.973	ug/l 100
10) 1,1-Dichloroethene	2.36	96	44097	15.472	ug/l 100
11) Methyl Iodide	2.50	142	45170	11.978	ug/l 100
12) Methyl Acetate	2.75	43	63238	17.215	ug/l 100
13) Acrolein	2.28	56	42605	74.969	ug/l 100
14) Acrylonitrile	3.12	53	141695	82.558	ug/l 100
15) Acetone	2.42	58	34178	77.583	ug/l 100
16) Carbon Disulfide	2.55	76	127341	14.371	ug/l 100
17) Allyl chloride	2.71	41	80970	15.301	ug/l 100
18) Methylene Chloride	2.84	84	54897	15.890	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	54432	16.592	ug/l 100
20) Diisopropyl ether	3.82	45	169749	15.837	ug/l 100
21) 1,1-Dichloroethane	3.67	63	94091	15.938	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	59362	16.337	ug/l 100
23) tert-Butyl Alcohol	3.01	59	56854	75.821	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	169310	16.455	ug/l 100
25) Chloroform	5.18	83	100215	16.592	ug/l 100
26) Cyclohexane	5.54	56	75532	14.849	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	70871	16.573	ug/l 100
30) 2-Butanone	4.64	43	193170	86.525	ug/l 100
31) 2,2-Dichloropropane	4.56	77	87864	17.749	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	92135	17.611	ug/l 100
33) Carbon Tetrachloride	5.76	117	84870	18.171	ug/l 100
34) Benzene	6.11	78	208488	16.771	ug/l 100
35) Methacrylonitrile	5.00	41	42043	17.076	ug/l 100
36) 1,2-Dichloroethane	6.16	62	82160	17.151	ug/l 100
37) Trichloroethene	7.19	130	62846	18.230	ug/l 100
38) Methylcyclohexane	7.45	83	74911	15.501	ug/l 100
39) 1,2-Dichloropropane	7.49	63	53852	16.594	ug/l 100
40) Dibromomethane	7.64	93	38458	17.131	ug/l 100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 11:39:05 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	80516	17.312	ug/l	100
42) Vinyl Acetate	3.79	43	725651	81.320	ug/l	100
43) Ethyl Acetate	4.79	43	76472	16.631	ug/l	100
44) Isopropyl Acetate	6.42	43	122305	16.154	ug/l	100
45) 1,4-Dioxane	7.71	88	22430	300.368	ug/l	100
46) Methyl methacrylate	7.74	41	59627	16.893	ug/l	100
47) n-amyl Acetate	10.88	43	102184	15.282	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	85119	16.517	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	92721	17.150	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	57019	17.951	ug/l	100
51) Ethyl methacrylate	9.16	69	79282	16.522	ug/l	100
52) 1,3-Dichloropropane	9.35	76	93731	17.474	ug/l	100
53) Dibromochloromethane	9.56	129	68144	18.491	ug/l	100
54) 1,2-Dibromoethane	9.65	107	60212	17.871	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	213488	84.453	ug/l	100
56) Bromoform	10.84	173	51016	19.198	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	388011	85.241	ug/l	100
59) 2-Hexanone	9.47	43	292215	85.838	ug/l	100
61) Tetrachloroethene	9.32	164	63114	19.354	ug/l	100
62) Toluene	8.76	91	230193	17.011	ug/l	100
64) Chlorobenzene	10.12	112	149106	17.409	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	59980	18.441	ug/l	100
66) Ethyl Benzene	10.23	91	251342	16.738	ug/l	100
67) m/p-Xylenes	10.34	106	196668	34.443	ug/l	100
68) o-Xylene	10.68	106	90043	16.580	ug/l	100
69) Styrene	10.70	104	159750	16.976	ug/l	100
70) Isopropylbenzene	11.00	105	254356	17.085	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	80272	17.495	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	80724m	18.302	ug/l	100
73) Bromobenzene	11.24	156	71156	18.675	ug/l	100
74) n-propylbenzene	11.34	91	289751	16.497	ug/l	100
75) 2-Chlorotoluene	11.40	91	179465	17.311	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	217266	17.323	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	29197	16.453	ug/l	100
78) 4-Chlorotoluene	11.49	91	211089	17.230	ug/l	100
79) tert-butylbenzene	11.76	119	206804	17.243	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	219443	17.439	ug/l	100
81) sec-Butylbenzene	11.93	105	240162	16.634	ug/l	100
82) p-Isopropyltoluene	12.05	119	226984	17.284	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	126989	18.551	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	127073	18.482	ug/l	100
85) n-Butylbenzene	12.37	91	190264	15.880	ug/l	100
86) Hexachloroethane	12.58	117	43246	16.929	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	121172	18.866	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19260	18.333	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	79115	18.218	ug/l	100
90) Hexachlorobutadiene	13.77	225	33164	19.694	ug/l	100
91) Naphthalene	13.82	128	244343	17.468	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	81178	19.048	ug/l	100

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VSTDICCC020

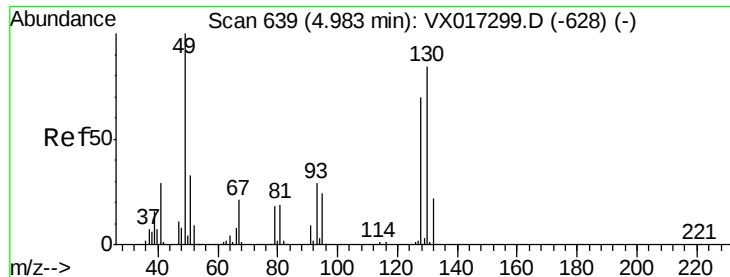
Manual Integrations
APPROVED

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QLast Update : Thu Jul 09 11:39:05 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

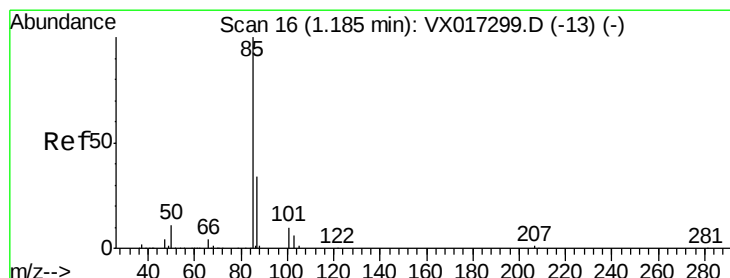
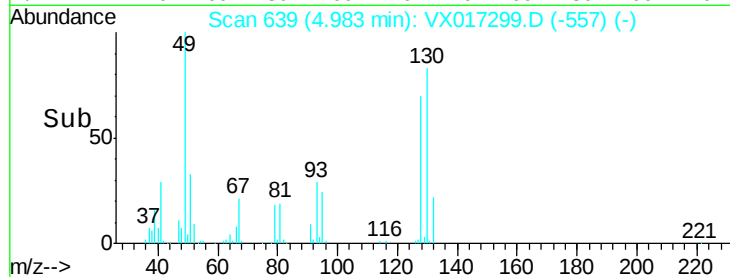
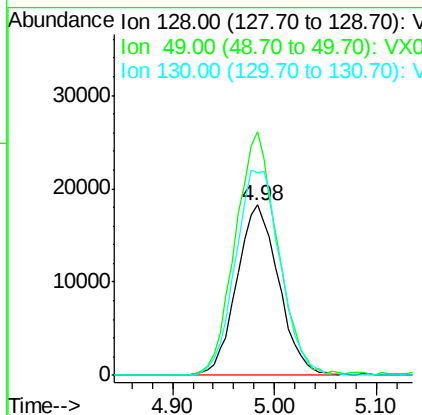
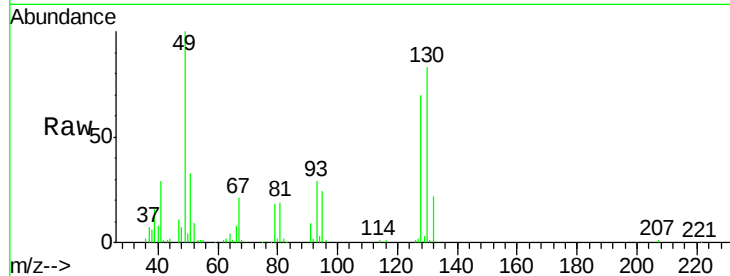
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	143.5	0.0	358.8
130	129.5	0.0	323.8

Manual Integrations
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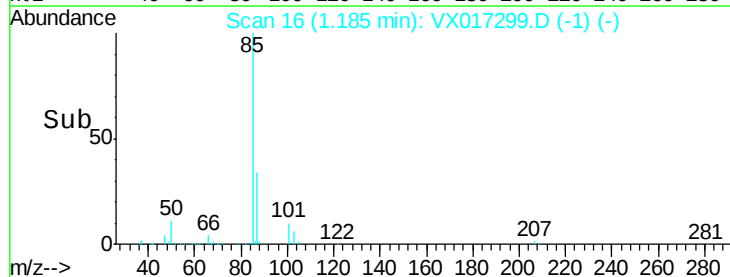
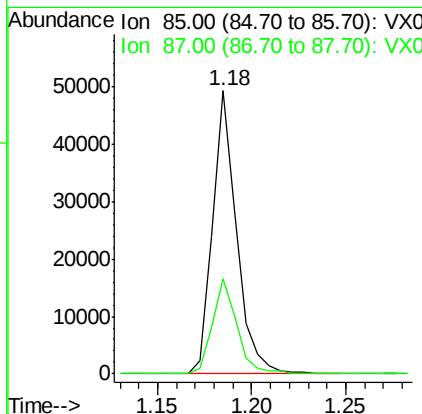
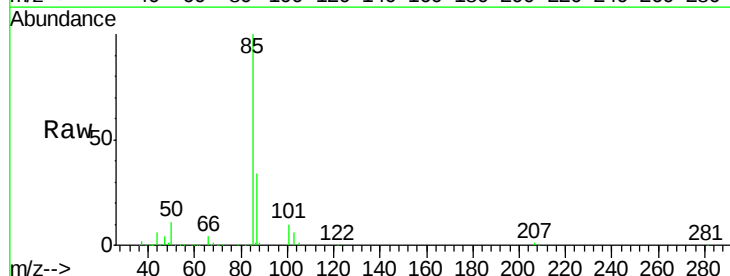
MMDadoda
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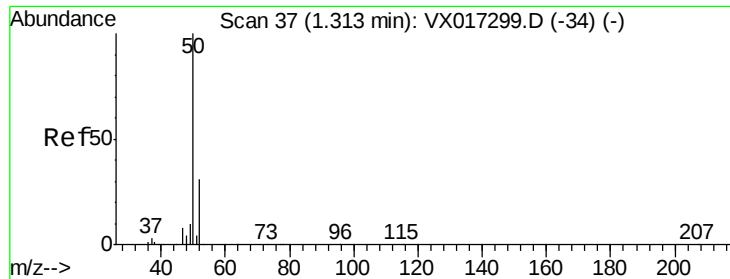


#2

Dichlorodifluoromethane
 Concen: 17.197 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.9	50.6





#3

Chloromethane

Concen: 14.201 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 45663

Ion Ratio Lower Upper

50 100

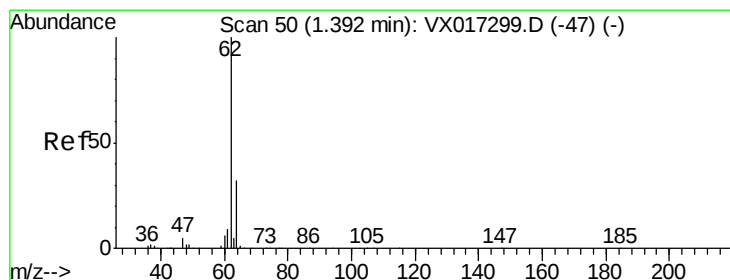
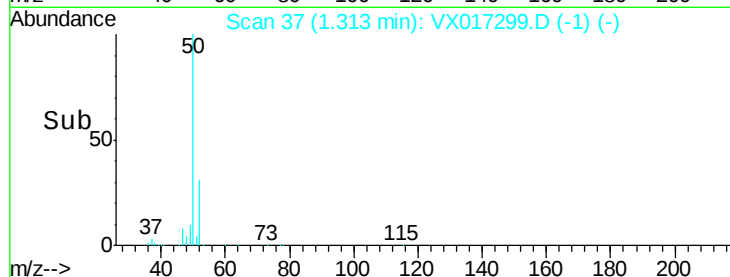
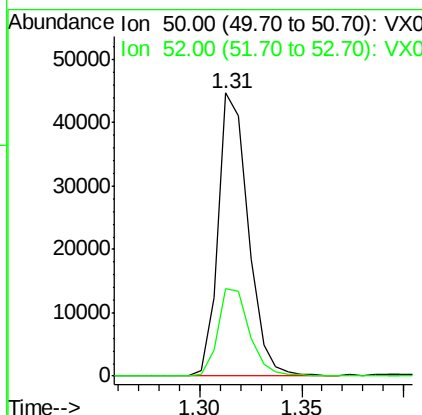
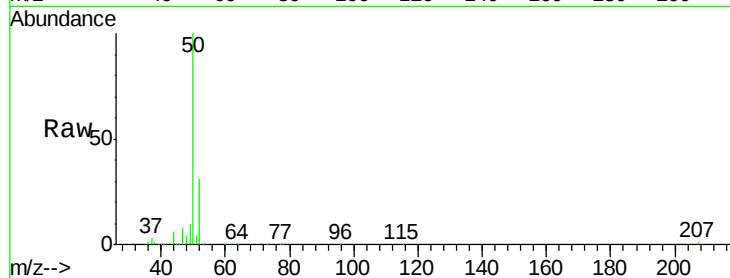
52 31.0 24.8 37.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 13.914 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017299.D

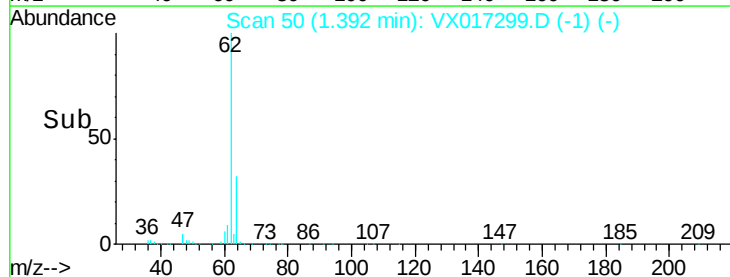
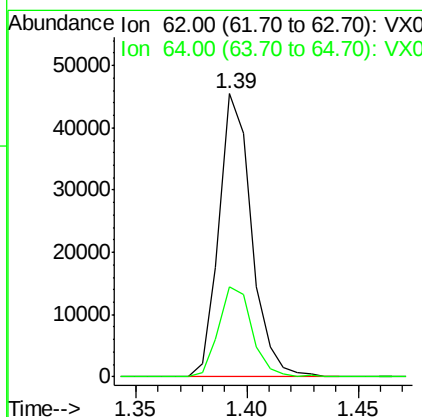
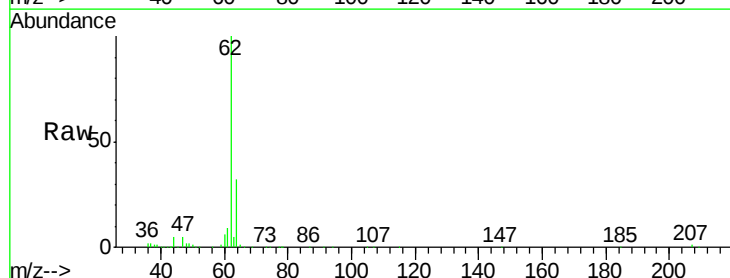
Acq: 09 Jul 2020 10:52

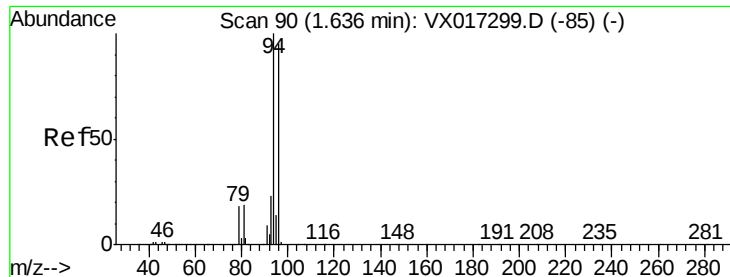
Tgt Ion: 62 Resp: 45706

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 14.573 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 34125

Ion Ratio Lower Upper

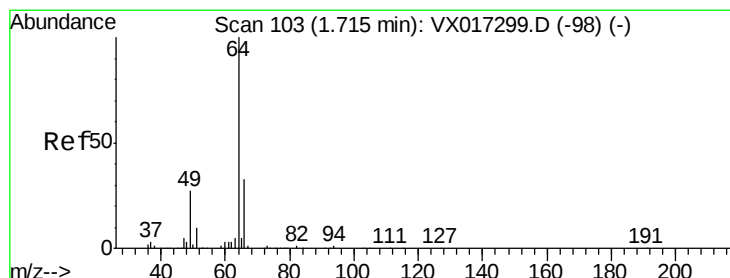
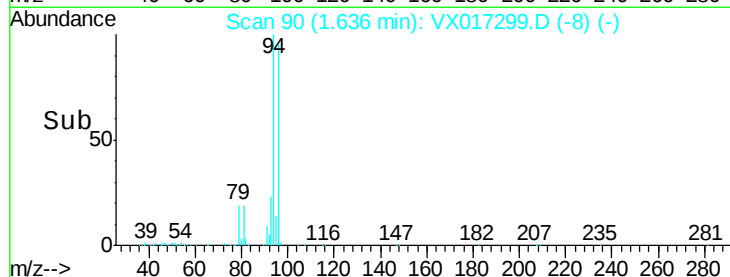
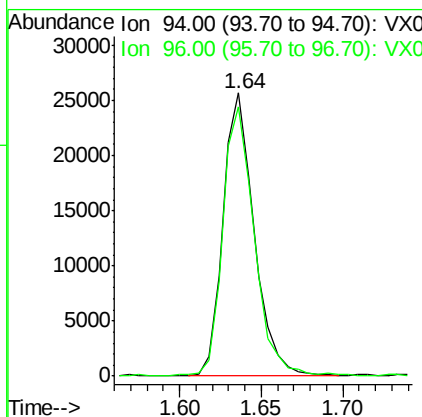
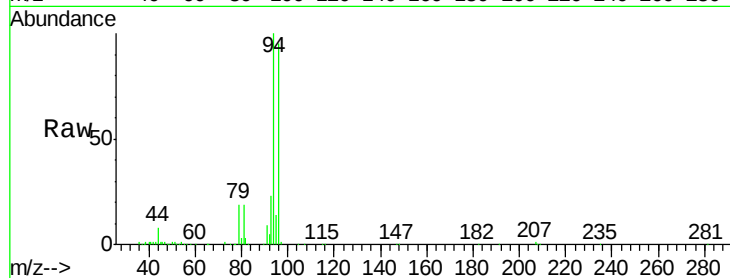
94 100

96 94.6 75.7 113.5

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 14.635 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017299.D

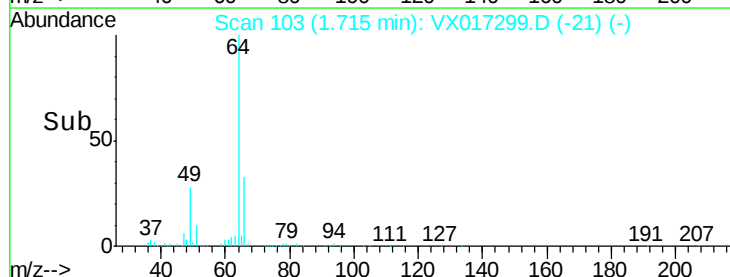
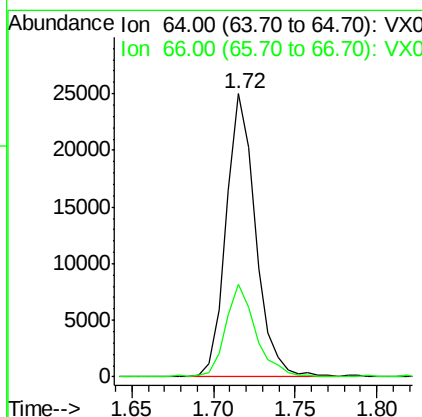
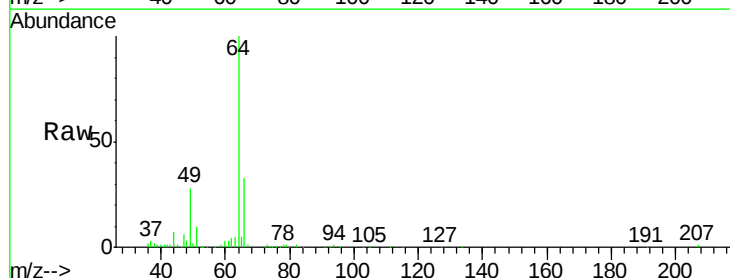
Acq: 09 Jul 2020 10:52

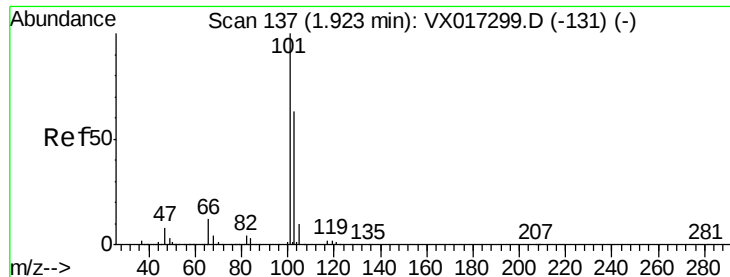
Tgt Ion: 64 Resp: 31281

Ion Ratio Lower Upper

64 100

66 32.6 26.1 39.1





#7

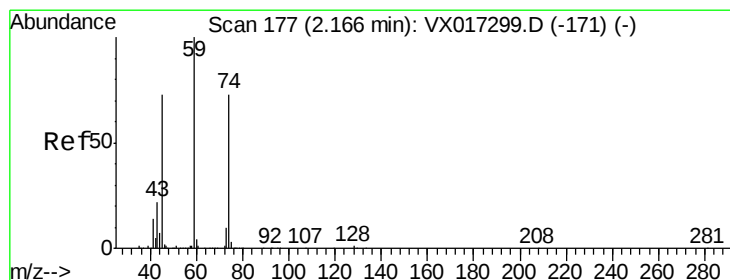
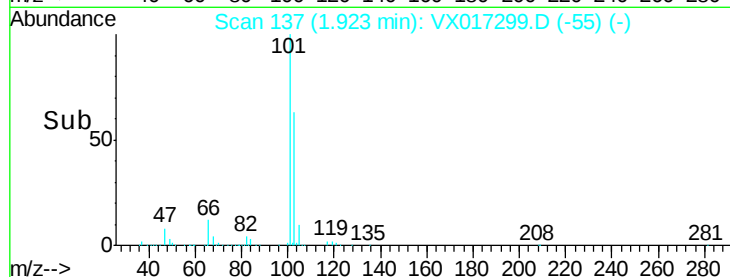
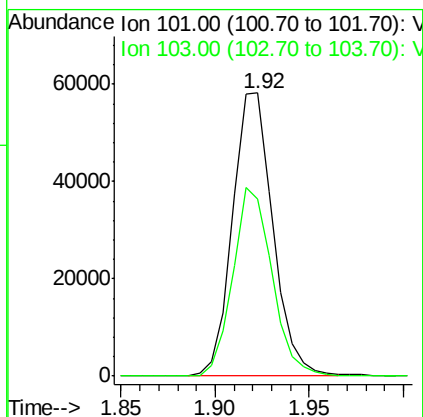
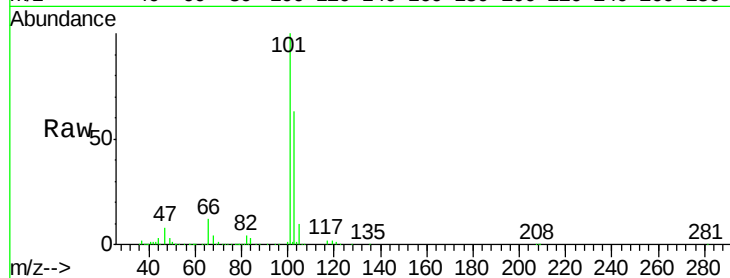
Trichlorofluoromethane
Concen: 15.821 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.1	75.1

Manual Integrations
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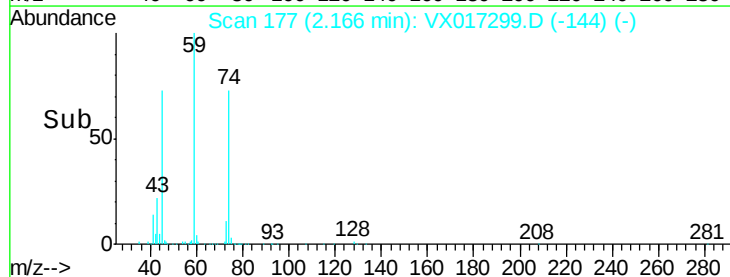
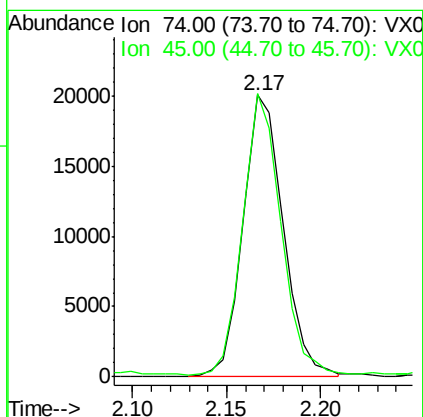
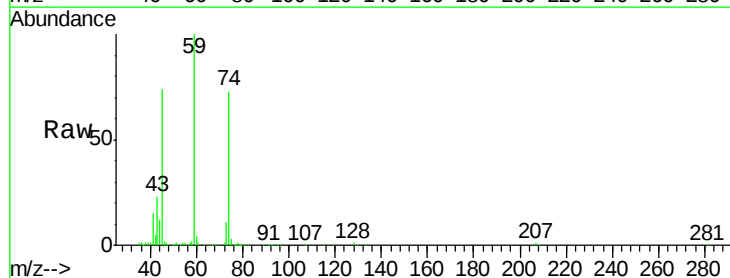
MMDadoda
7/10/2020 12:36:33 PM

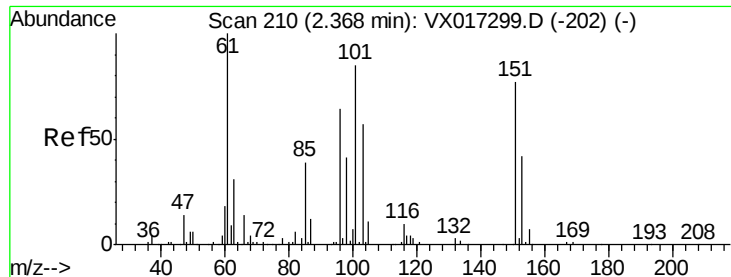


#8

Diethyl Ether
Concen: 15.026 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	18.9	170.3





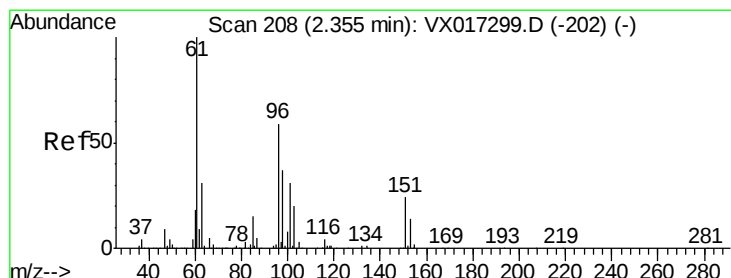
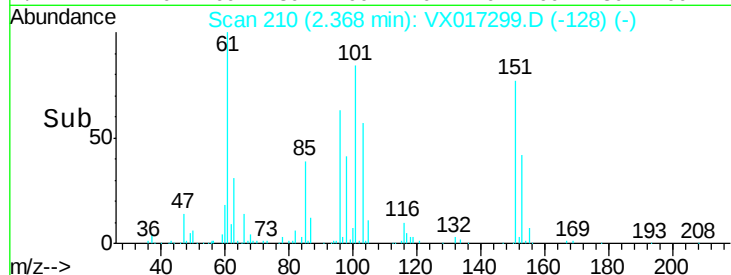
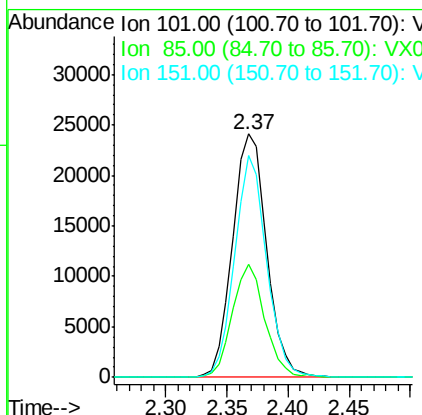
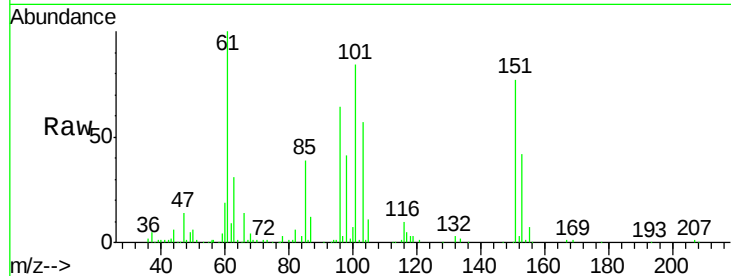
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.973 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX017299.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	46578		
85	43.9	0.0	87.8	
151	85.1	0.0	170.2	

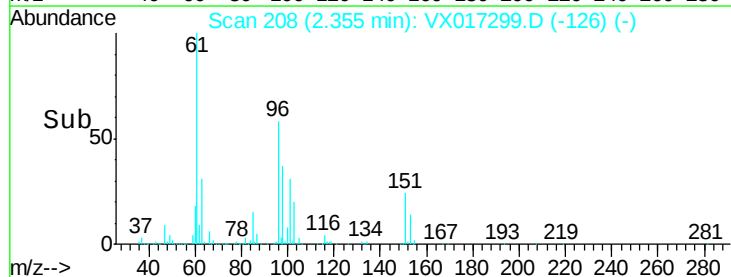
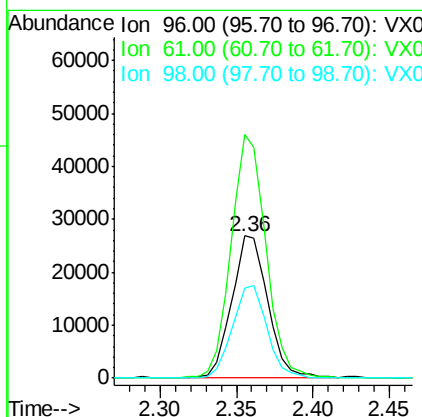
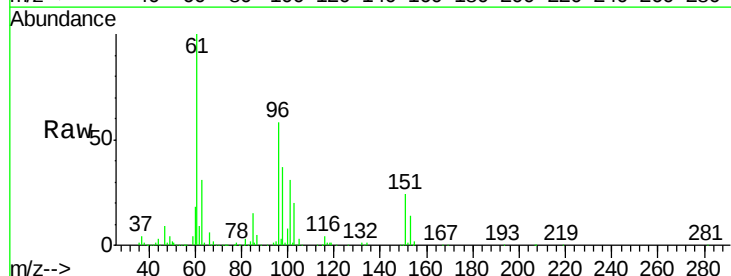
Manual Integrations
 APPROVED

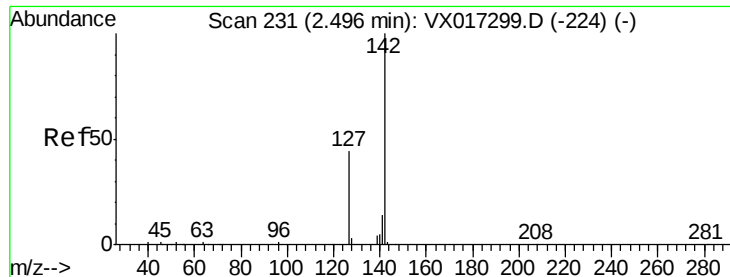
MMDadoda
 7/10/2020 12:36:33 PM



#10
 1,1-Dichloroethene
 Concen: 15.472 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	44097		
61	171.2	137.0	205.4	
98	63.9	51.1	76.7	





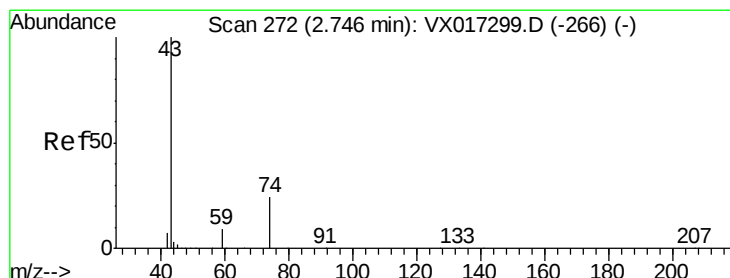
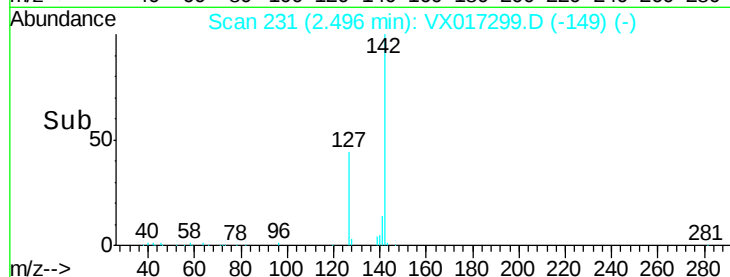
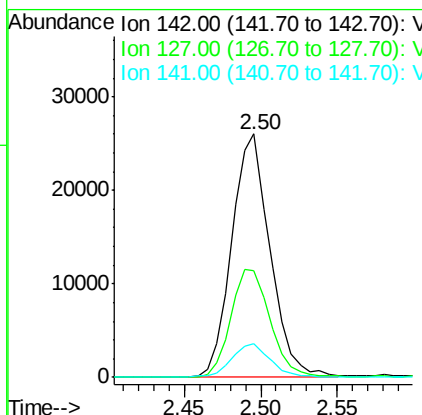
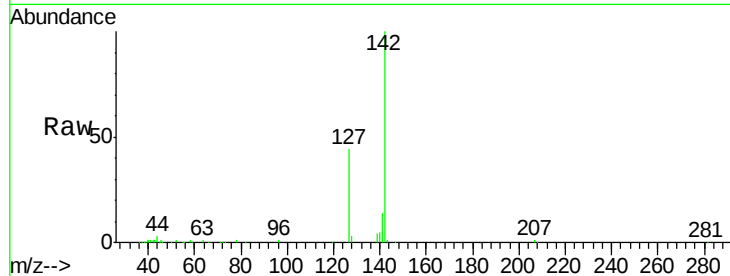
#11
Methvl Iodide
Concen: 11.978 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.8	21.9	65.7
141	14.1	7.0	21.1

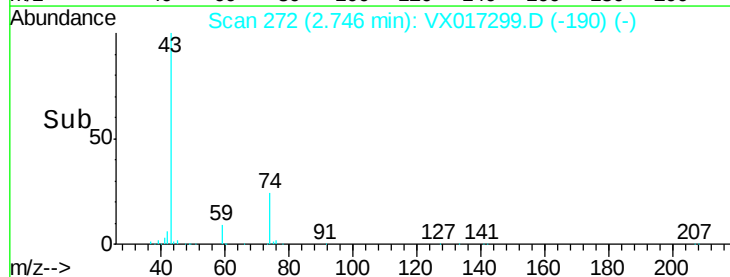
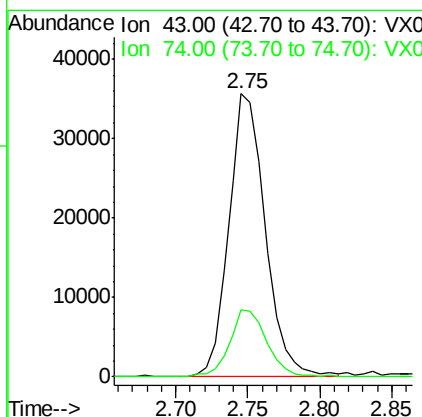
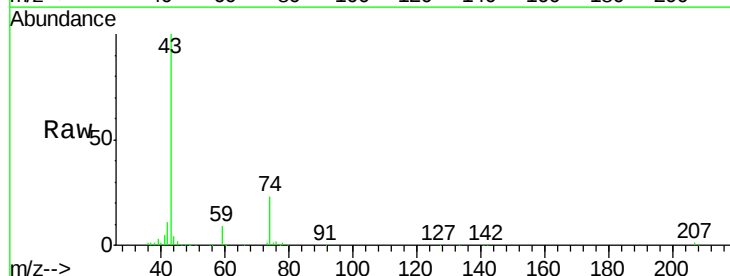
Manual Integrations
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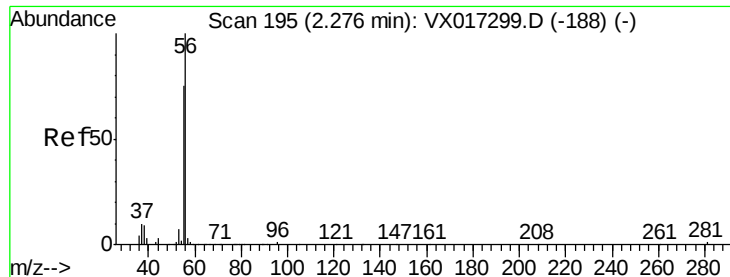
MMDadoda
7/10/2020 12:36:33 PM



#12
Methyl Acetate
Concen: 17.215 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.8	28.2





#13

Acrolein

Concen: 74.969 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 42605

Ion Ratio Lower Upper

56 100

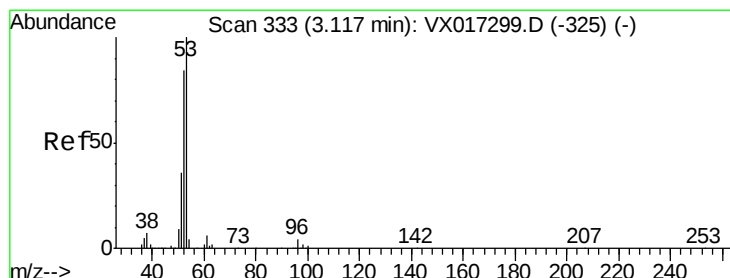
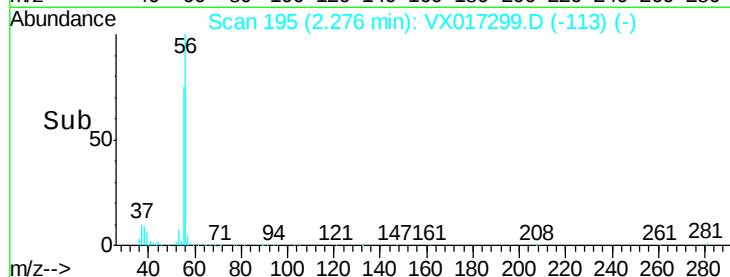
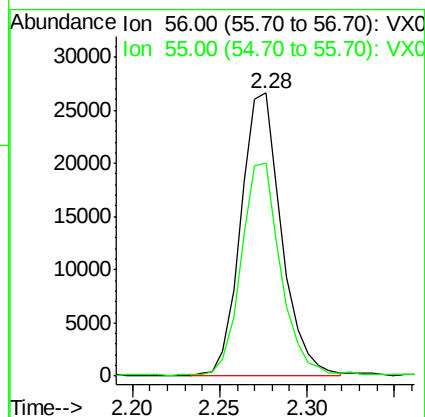
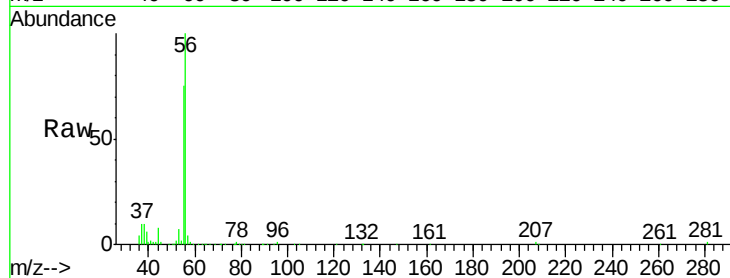
55 73.1 58.5 87.7

Manual Integrations

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#14

Acrylonitrile

Concen: 82.558 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

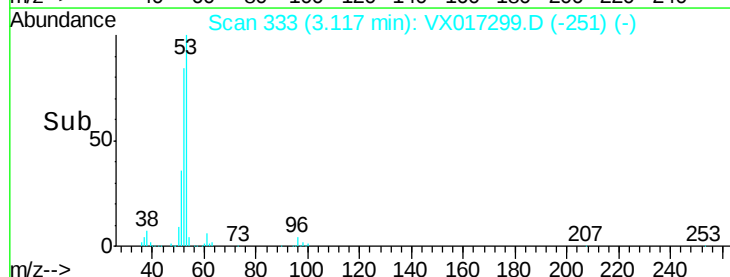
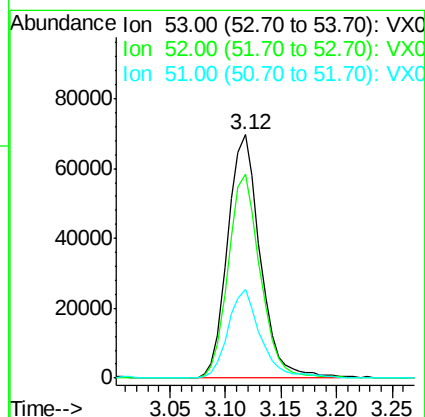
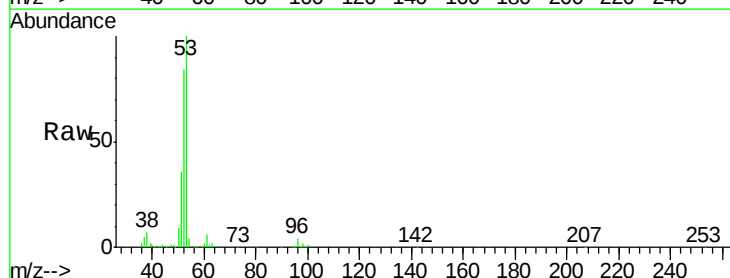
Tgt Ion: 53 Resp: 141695

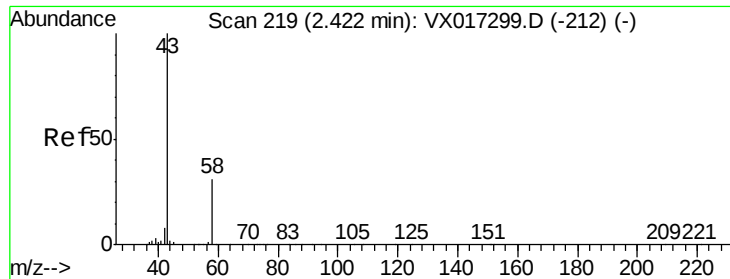
Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.9

51 36.1 18.1 54.1





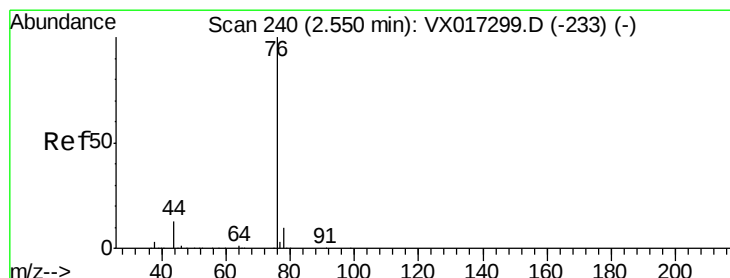
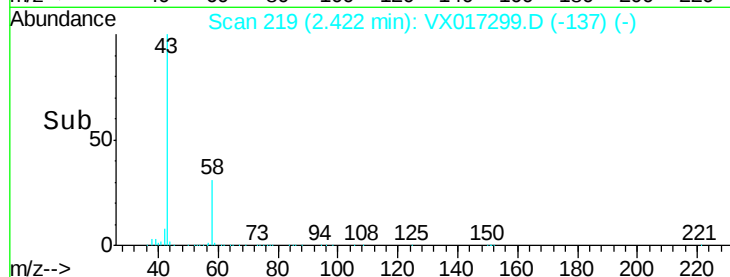
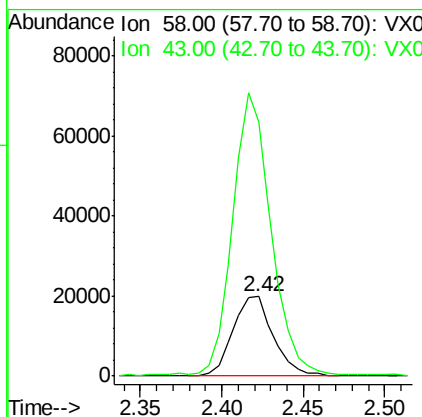
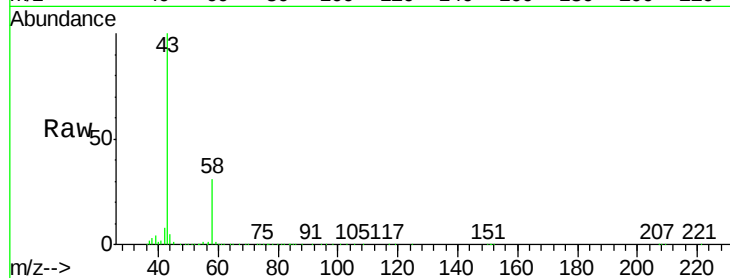
#15
Acetone
Concen: 77.583 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 58 Resp: 34178
Ion Ratio Lower Upper
58 100
43 318.7 255.0 382.4

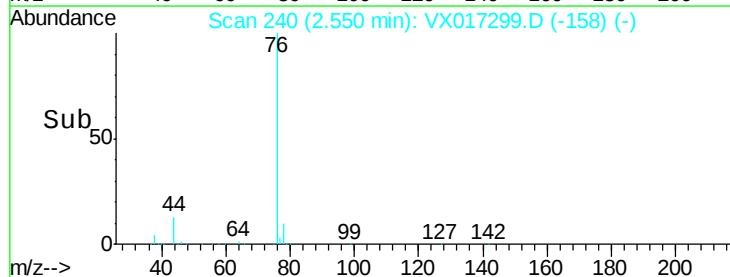
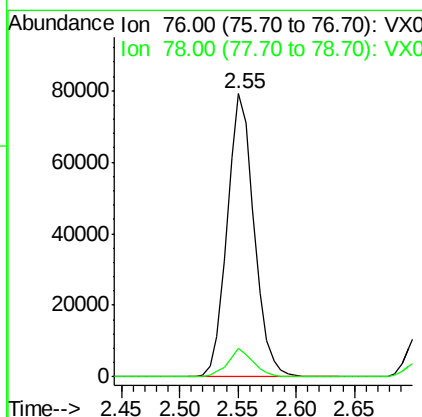
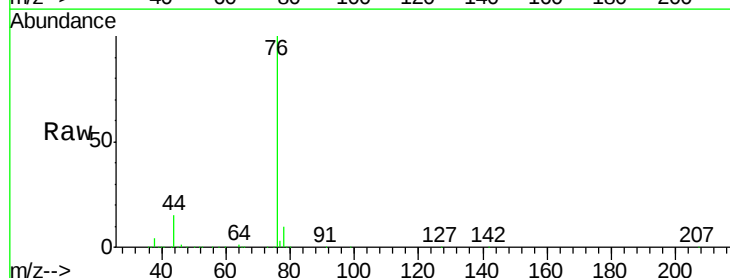
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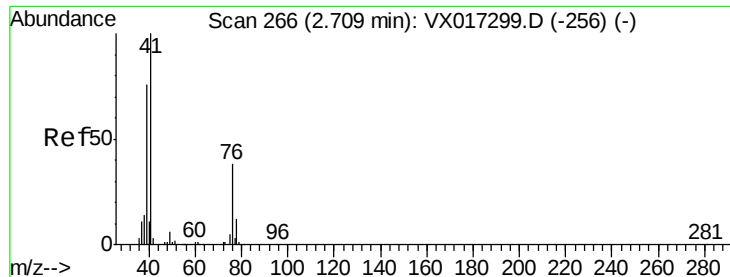
MMDadoda
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#16
Carbon Disulfide
Concen: 14.371 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 76 Resp: 127341
Ion Ratio Lower Upper
76 100
78 9.9 7.9 11.9





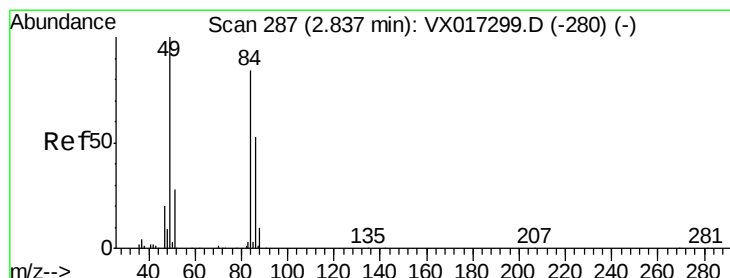
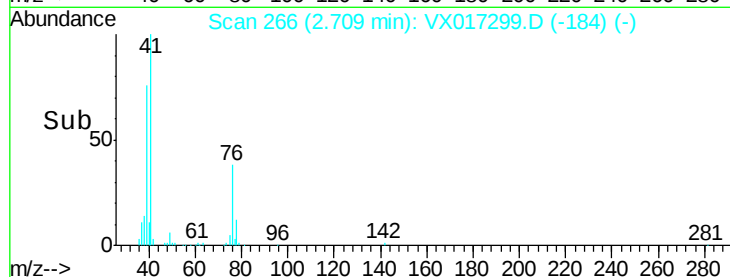
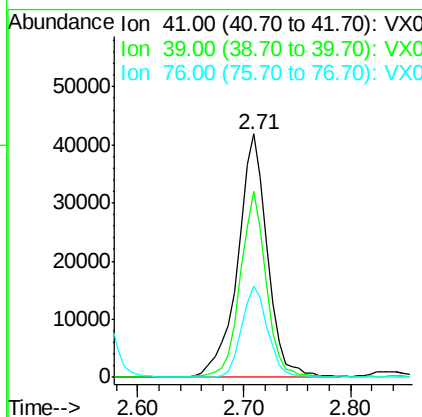
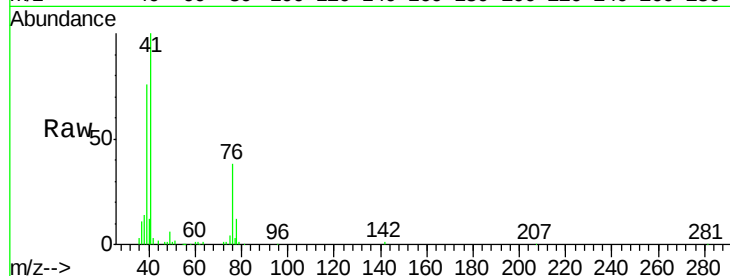
#17
Allvl chloride
Concen: 15.301 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:	41	Resp:	80970
Ion	Ratio	Lower	Upper
41	100		
39	76.3	38.1	114.5
76	37.6	18.8	56.4

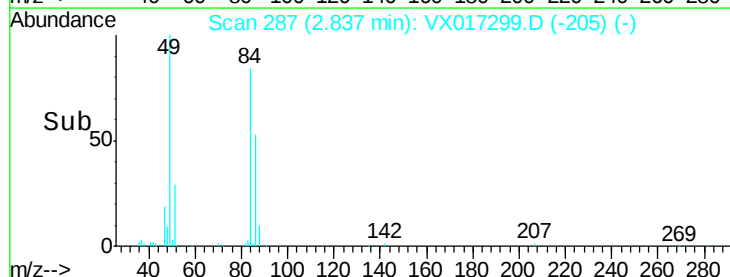
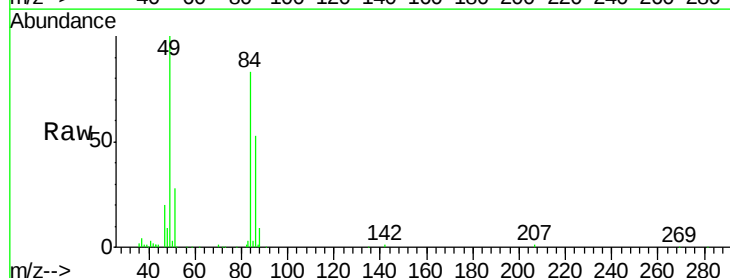
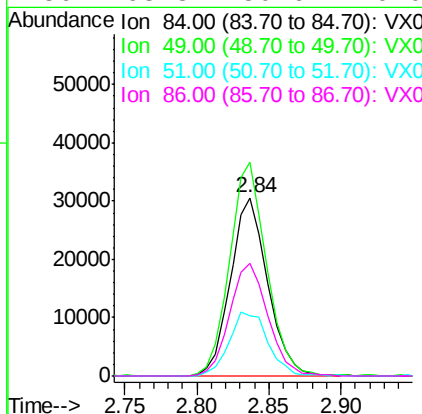
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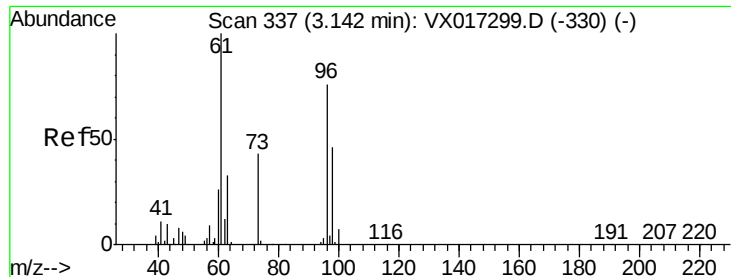
MMDadoda
7/10/2020 12:36:33 PM



#18
Methylene Chloride
Concen: 15.890 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion:	84	Resp:	54897
Ion	Ratio	Lower	Upper
84	100		
49	119.6	95.7	143.5
51	34.0	27.2	40.8
86	63.3	50.6	76.0





#19

trans-1,2-Dichloroethene

Concen: 16.592 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

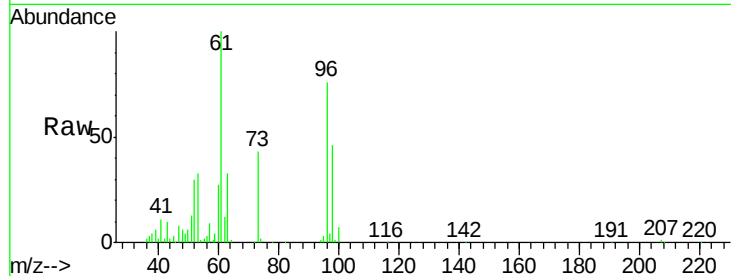
ClientSampleId :

VSTDICCC020

Tot Ion:	96	Resp:	54432
Ion	Ratio	Lower	Upper
96	100		
61	131.3	105.0	157.6
98	60.8	48.6	73.0

Manual Integrations
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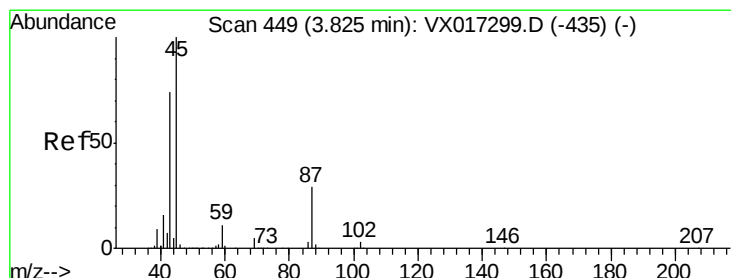
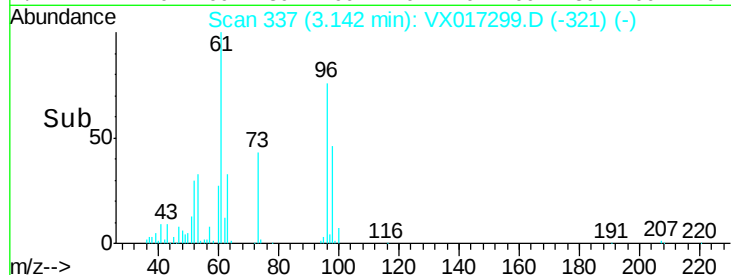
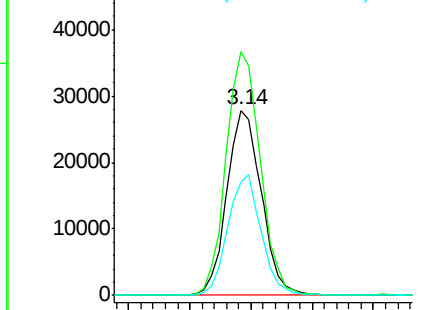


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 15.837 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion:	45	Resp:	169749
Ion	Ratio	Lower	Upper
45	100		
43	74.4	59.5	89.3
87	29.0	23.2	34.8
59	10.6	8.5	12.7

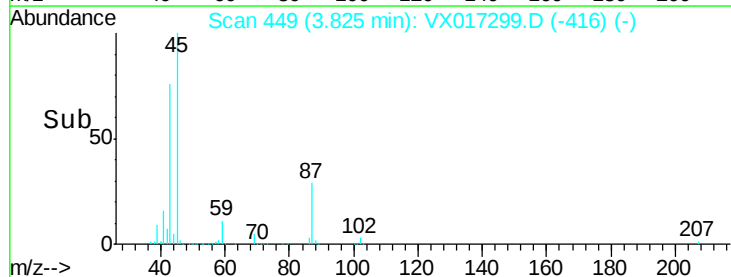
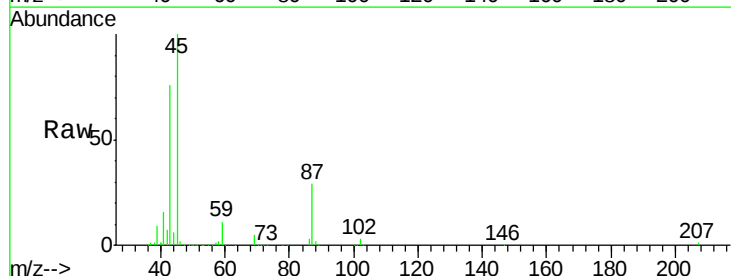
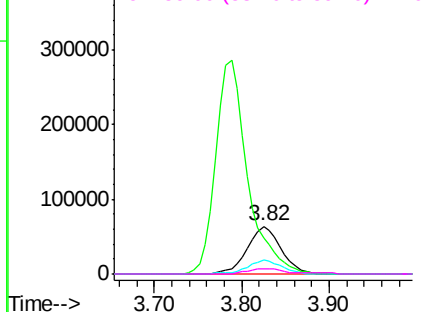
Abundance

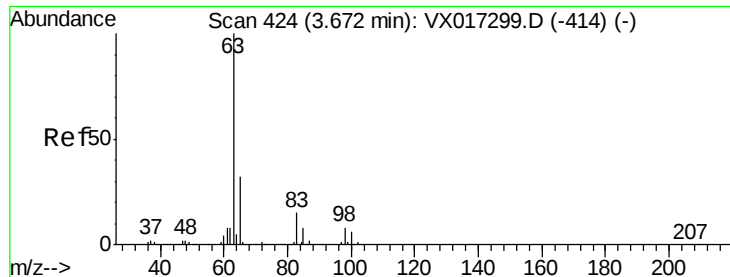
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 15.938 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

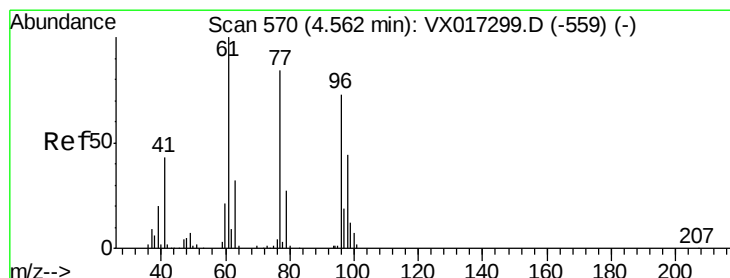
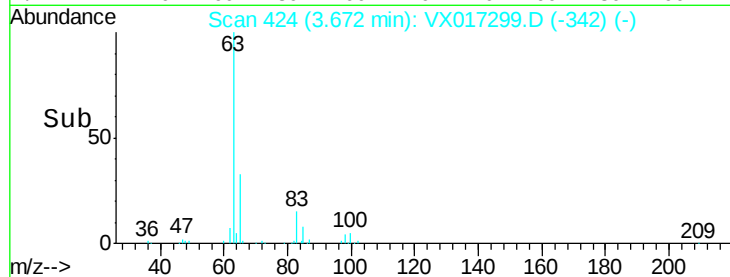
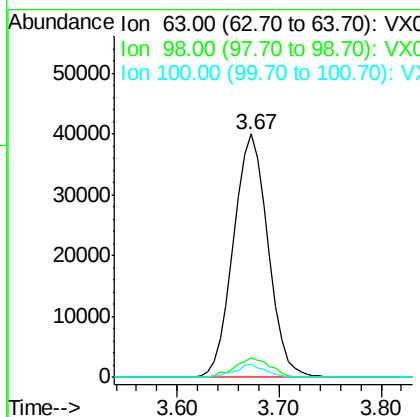
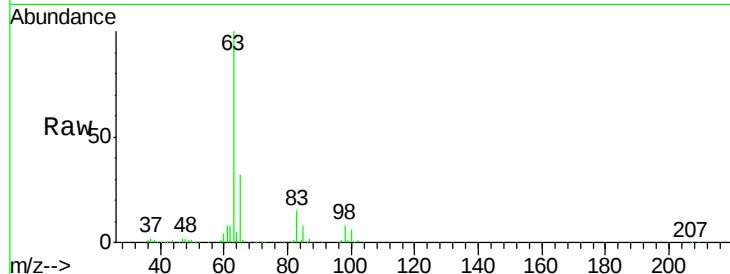
ClientSampleId :

VSTDICCC020

Tot Ion:	63	Resp:	94091
Ion Ratio	Lower	Upper	
63	100		
98	8.3	4.2	12.4
100	5.5	2.8	8.3

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#22

cis-1,2-Dichloroethene

Concen: 16.337 ug/l

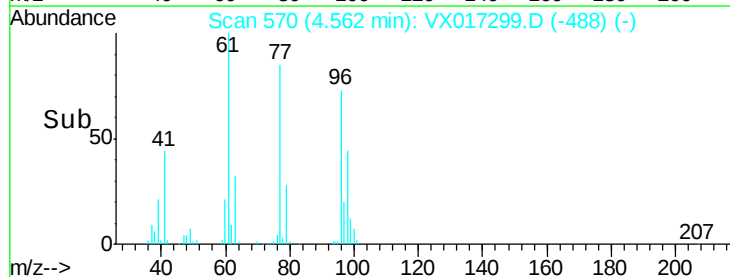
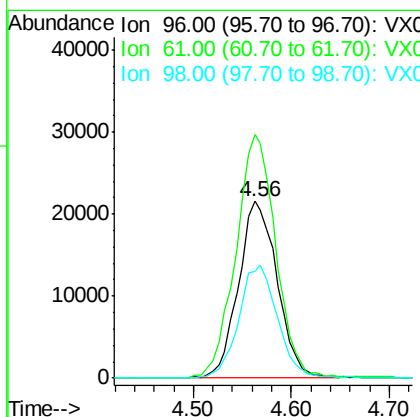
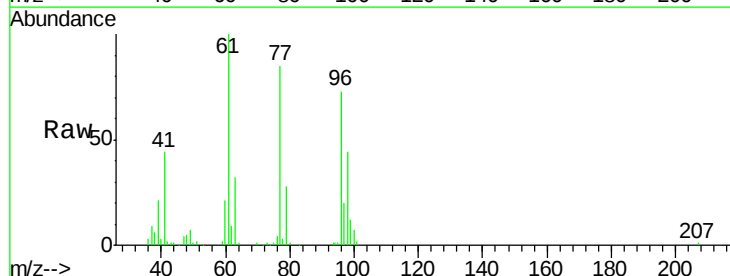
RT: 4.56 min Scan# 570

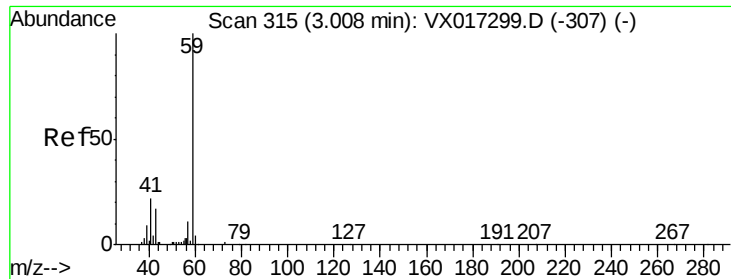
Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion:	96	Resp:	59362
Ion Ratio	Lower	Upper	
96	100		
61	139.6	111.7	167.5
98	63.6	50.9	76.3





#23

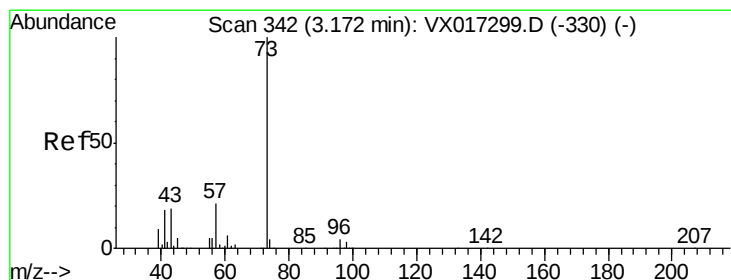
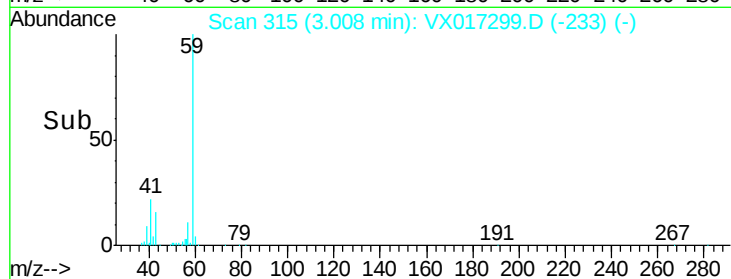
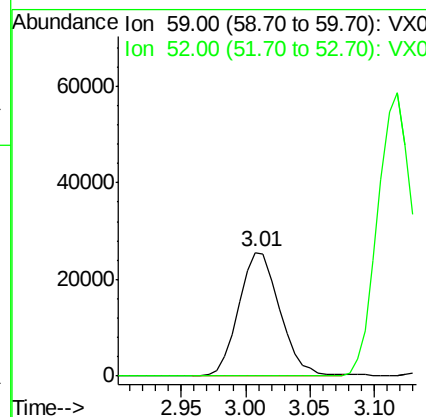
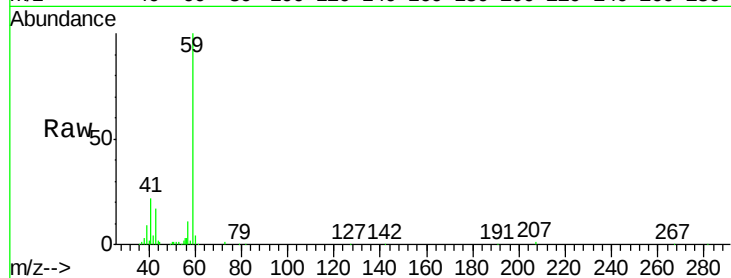
tert-Butyl Alcohol
 Concen: 75.821 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.5	0.4	0.6	

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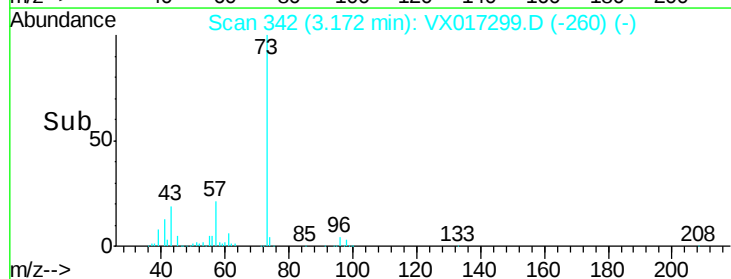
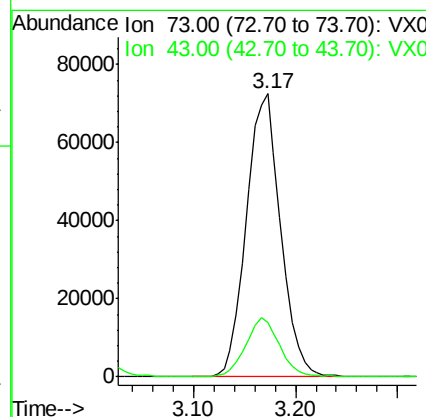
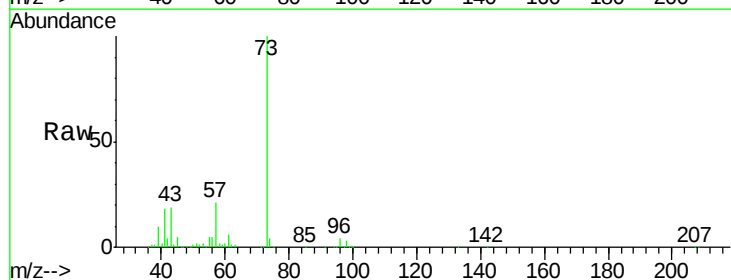
MMDadoda
 7/10/2020 12:36:33 PM

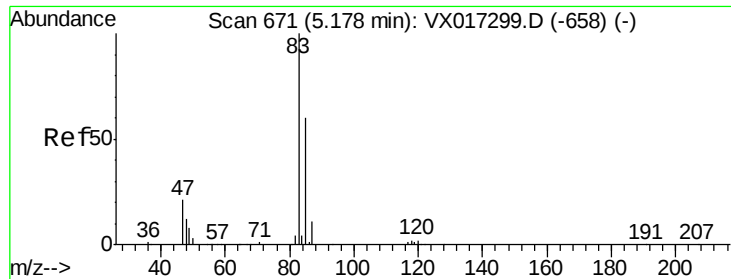


#24

Methyl tert-Butyl Ether
 Concen: 16.455 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	20.4	16.3	24.5	





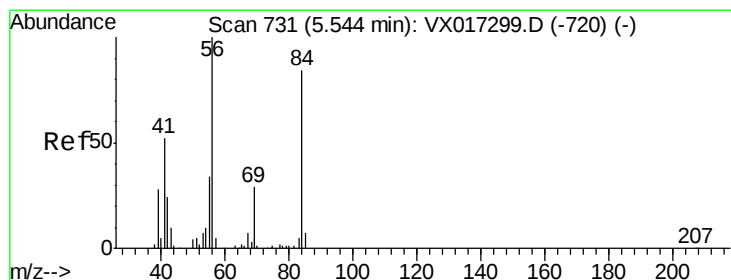
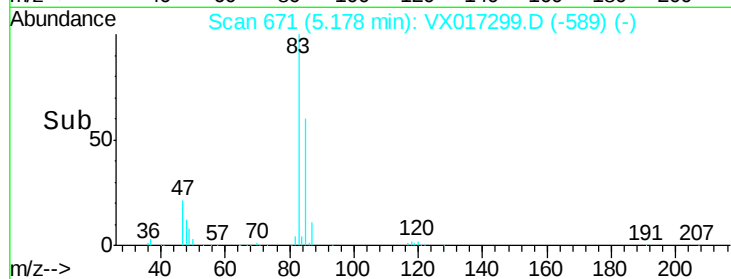
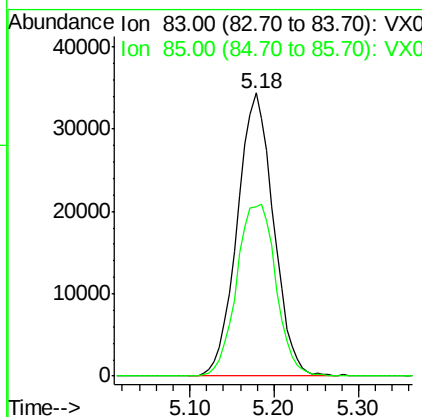
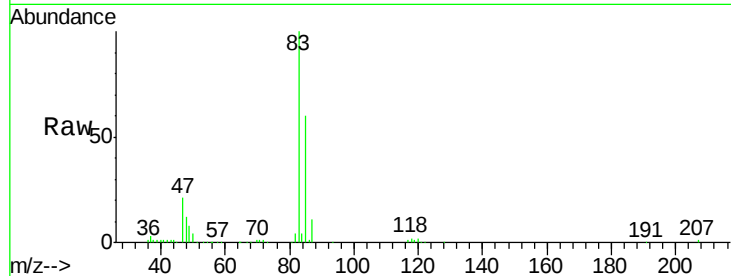
#25
Chloroform
Concen: 16.592 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	83	Resp	100215
Ion Ratio	100	Lower	Upper
83	100		
85	59.8	47.8	71.8

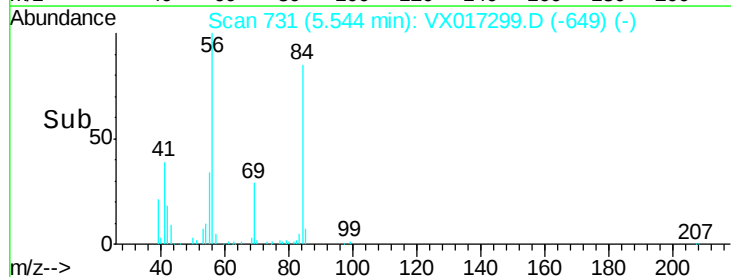
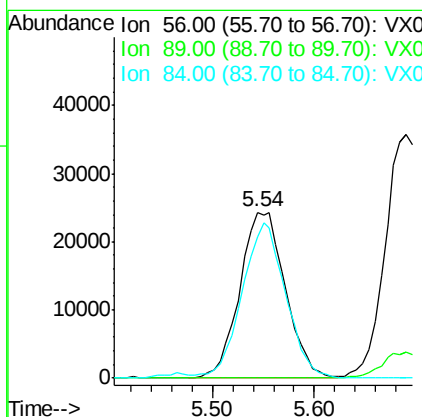
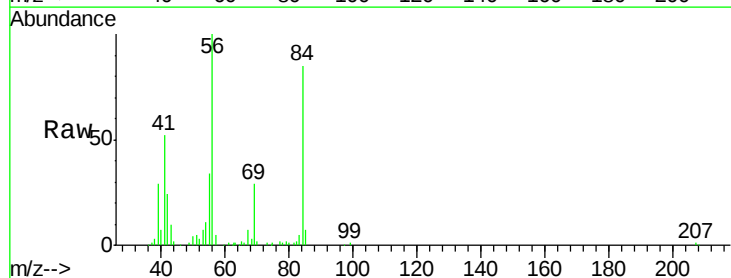
Manual Integrations
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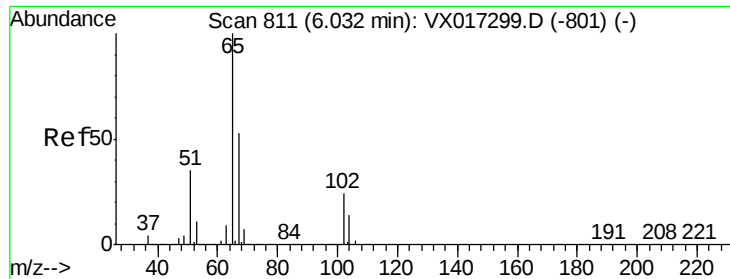
MMDadoda
7/10/2020 12:36:33 PM



#26
Cyclohexane
Concen: 14.849 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	56	Resp	75532
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	89.4	71.5	107.3





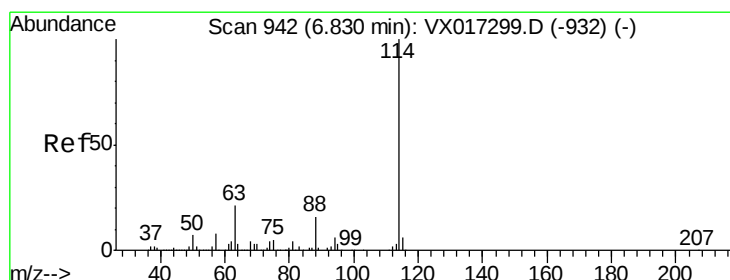
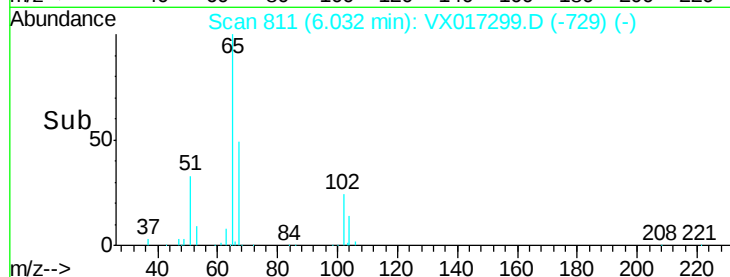
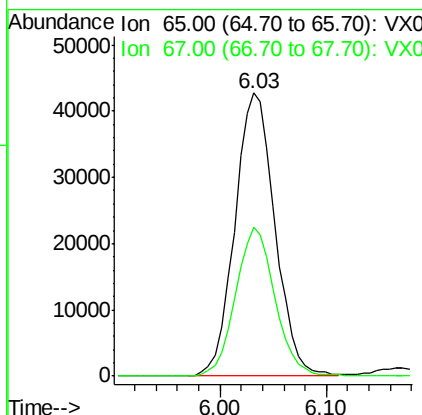
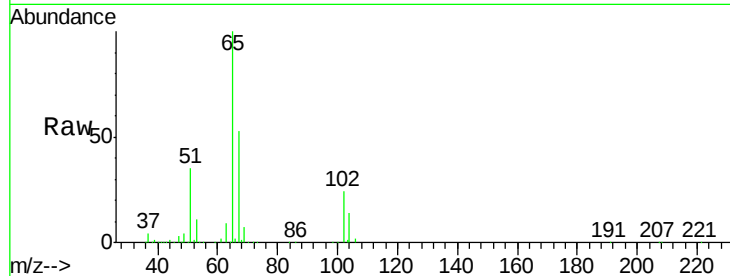
#27
 1,2-Dichloroethane-d4
 Concen: 28.218 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	41.0	61.6

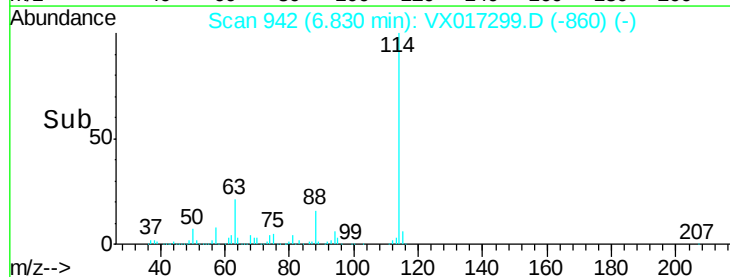
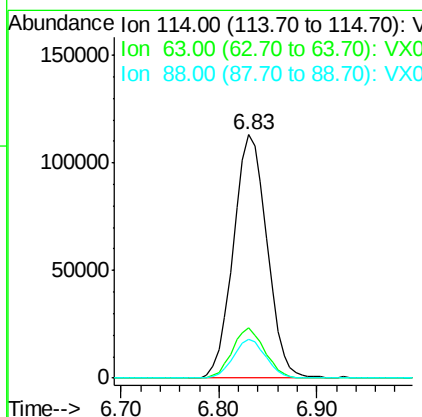
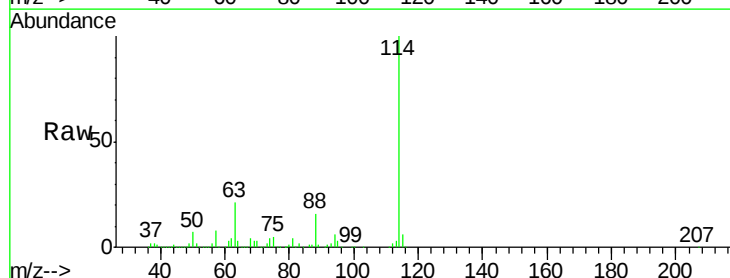
Manual Integrations
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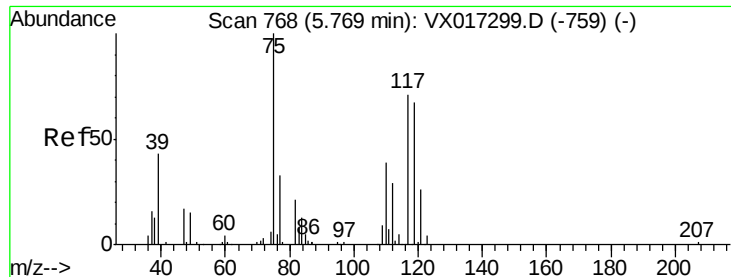
MMDadoda
 7/10/2020 12:36:33 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	15.9	23.9
88	15.5	12.4	18.6





#29

1,1-Dichloropropene

Concen: 16.573 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

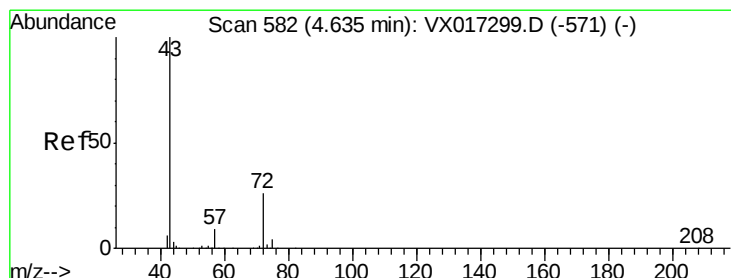
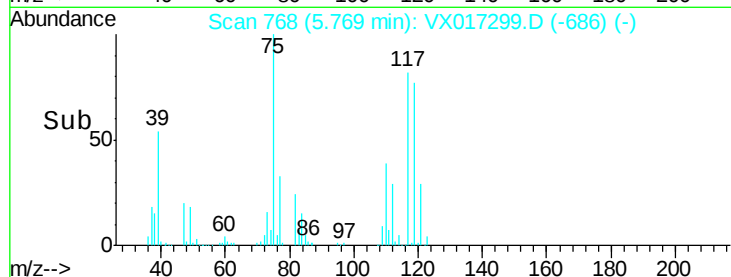
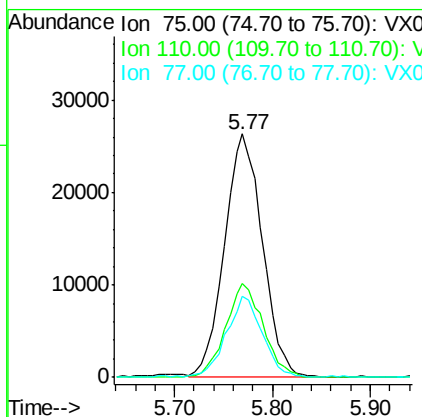
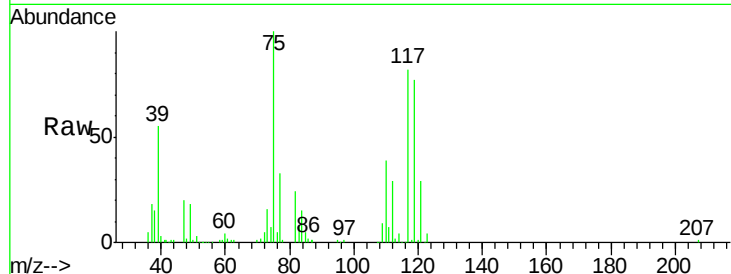
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	70871
Ion Ratio	Lower	Upper	
75	100		
110	37.9	0.0	75.8
77	31.7	0.0	63.4

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#30

2-Butanone

Concen: 86.525 ug/l

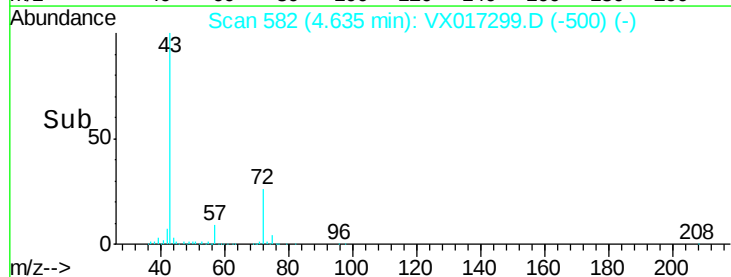
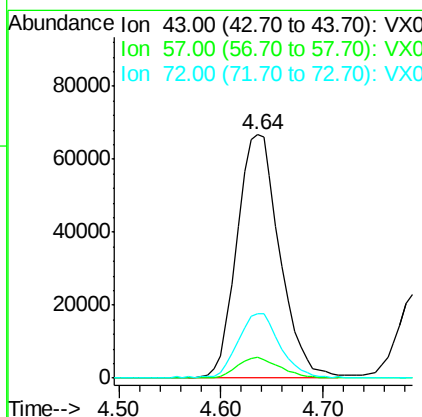
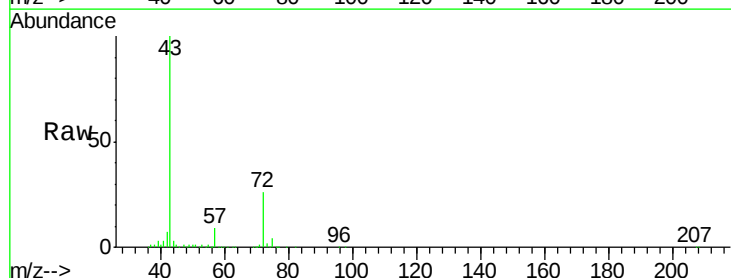
RT: 4.64 min Scan# 582

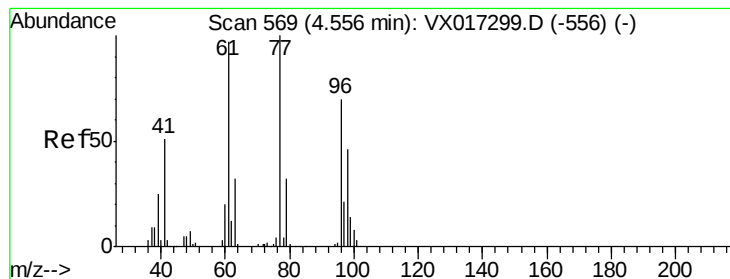
Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion:	43	Resp:	193170
Ion Ratio	Lower	Upper	
43	100		
57	8.5	6.8	10.2
72	26.3	21.0	31.6





#31

2,2-Dichloropropane

Concen: 17.749 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

Tot Ion: 77 Resp: 87864

Ion Ratio Lower Upper

77 100

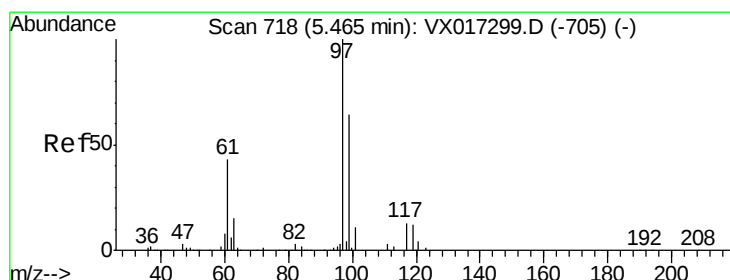
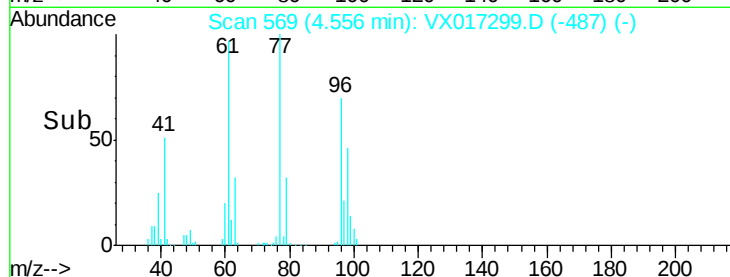
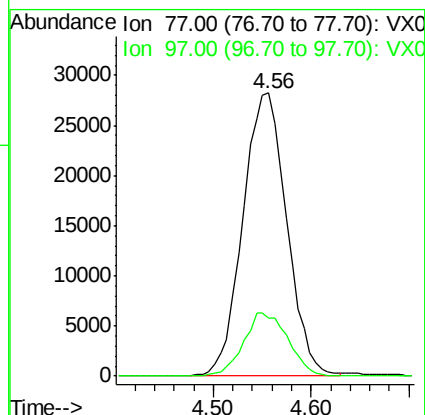
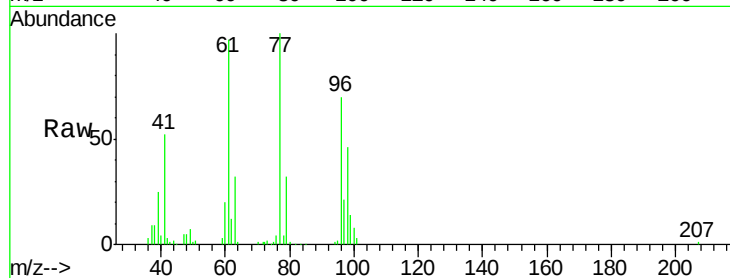
97 22.7 18.2 27.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 17.611 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

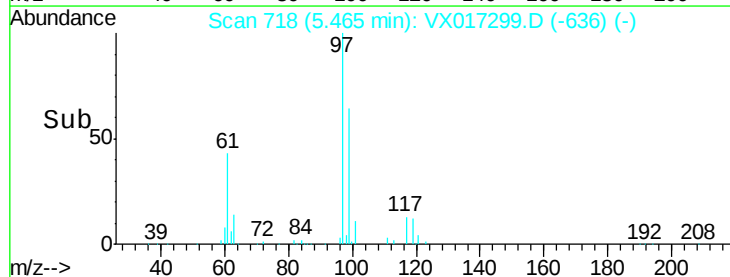
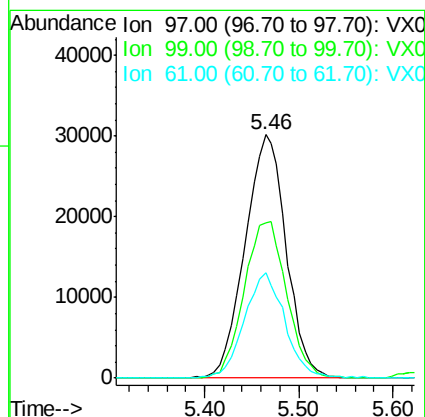
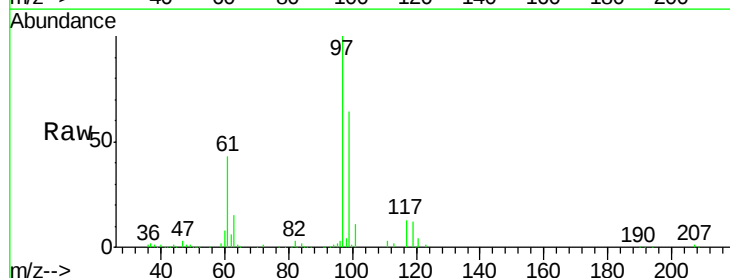
Tgt Ion: 97 Resp: 92135

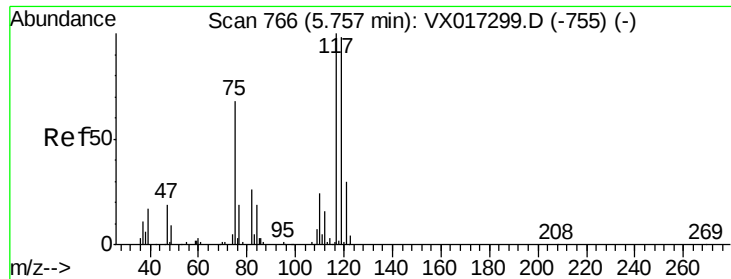
Ion Ratio Lower Upper

97 100

99 66.5 53.2 79.8

61 42.5 34.0 51.0





#33

Carbon Tetrachloride

Concen: 18.171 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

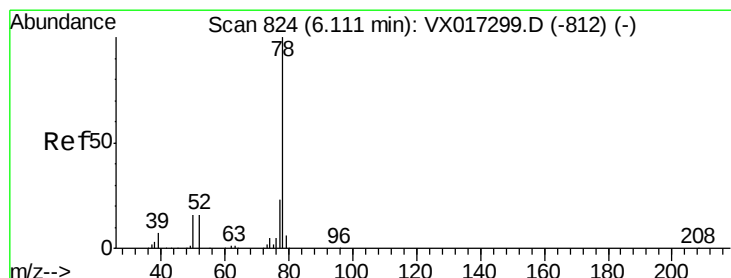
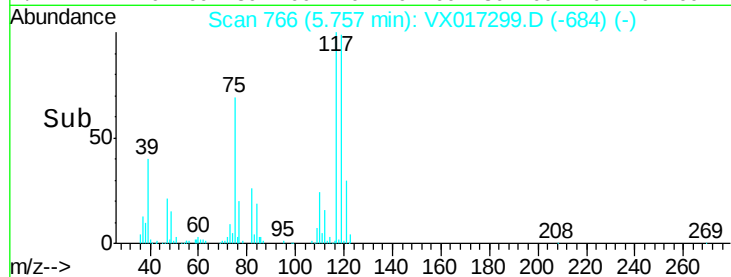
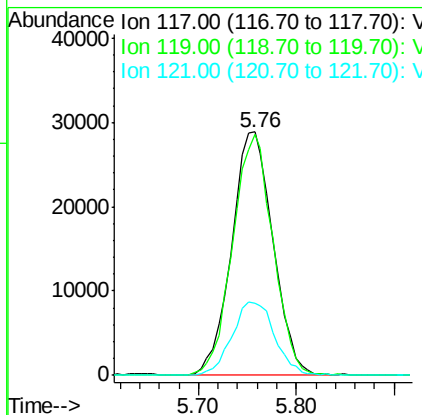
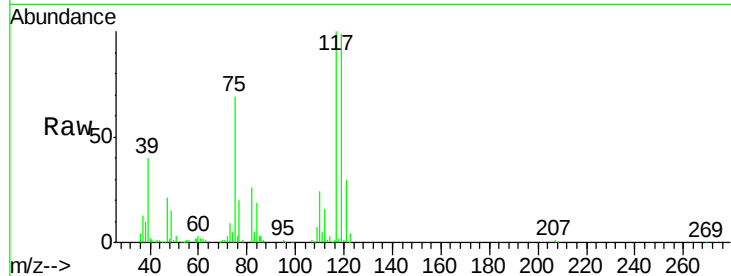
ClientSampleId :

VSTDICCC020

Tot Ion:	117	Resp:	84870
Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.8	118.2
121	29.6	23.7	35.5

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#34

Benzene

Concen: 16.771 ug/l

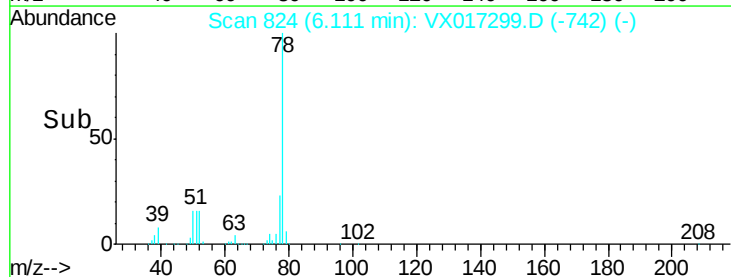
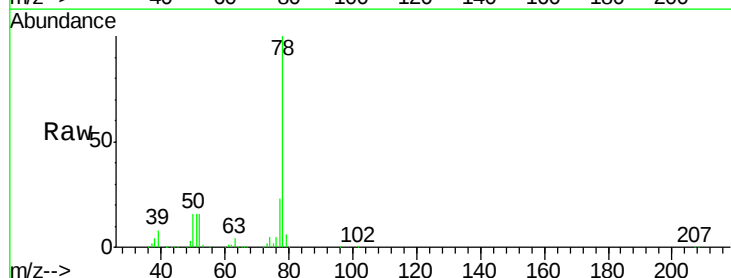
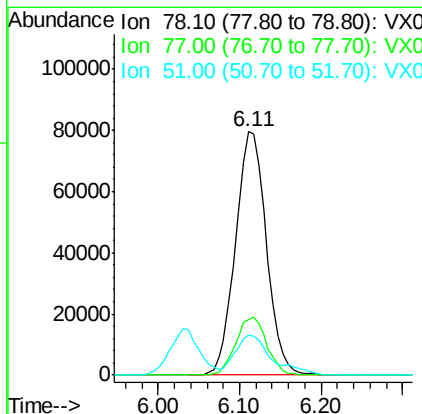
RT: 6.11 min Scan# 824

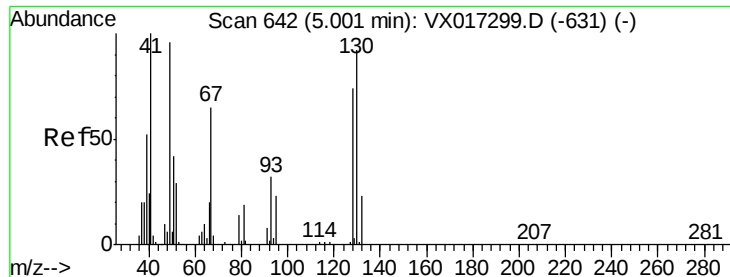
Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion:	78	Resp:	208488
Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.1	27.1
51	16.1	12.9	19.3





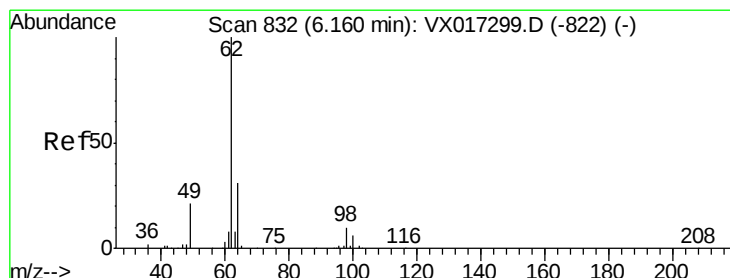
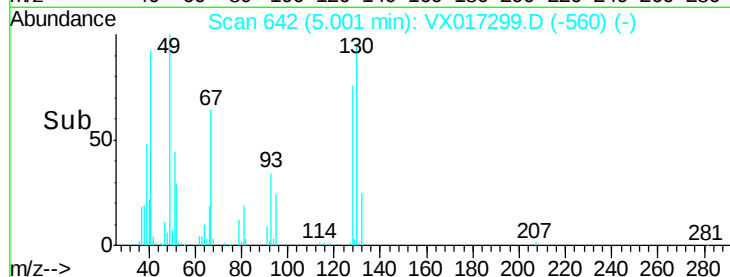
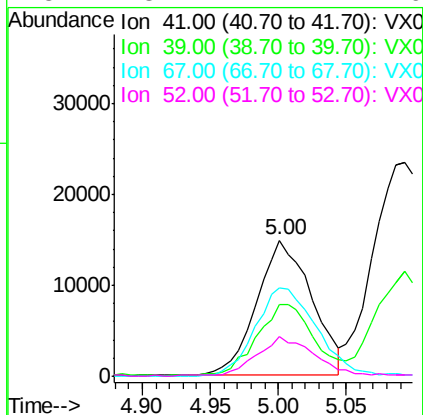
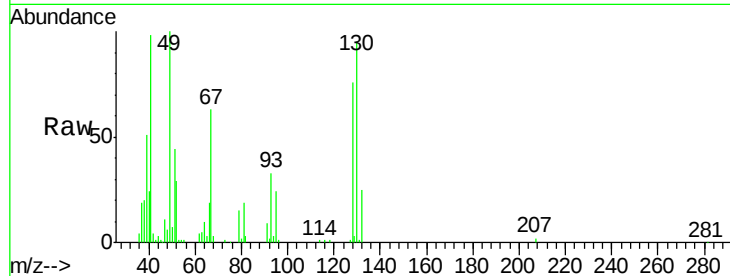
#35
Methacrylonitrile
Concen: 17.076 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	26.0	78.0	
67	65.2	32.6	97.8	
52	28.4	14.2	42.6	

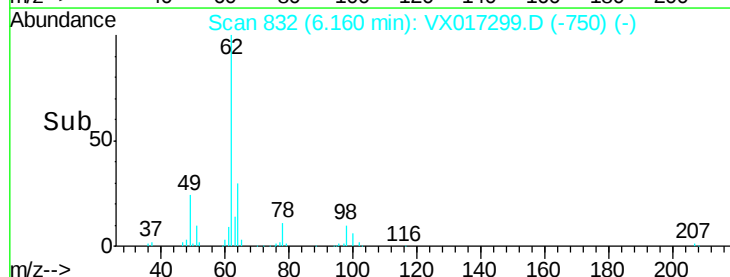
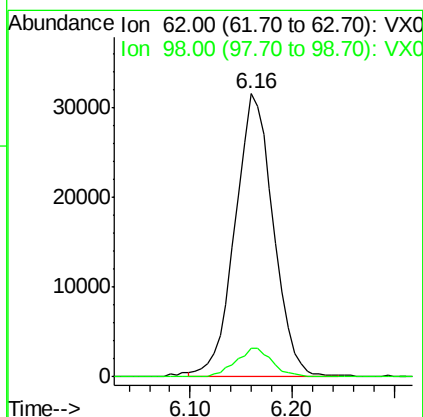
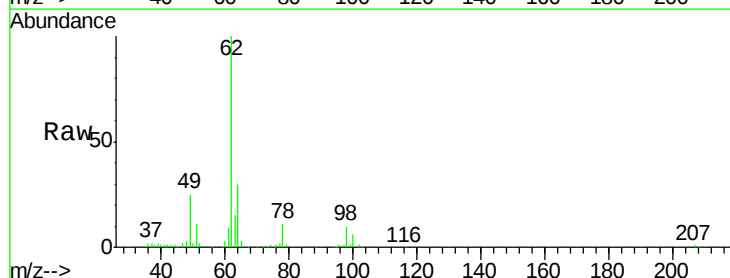
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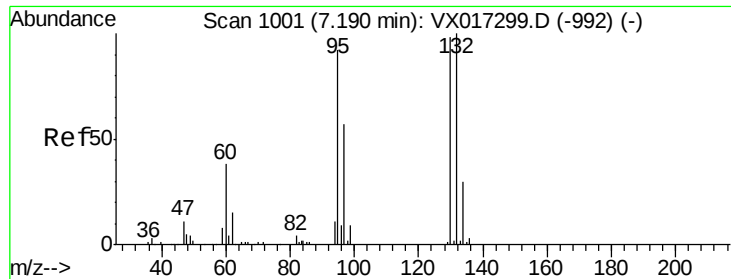
MMDadoda
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#36
1,2-Dichloroethane
Concen: 17.151 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	7.8	11.8	





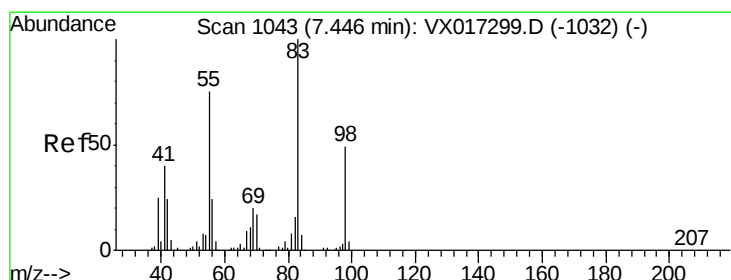
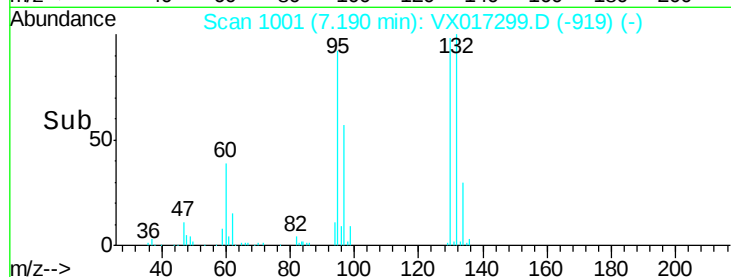
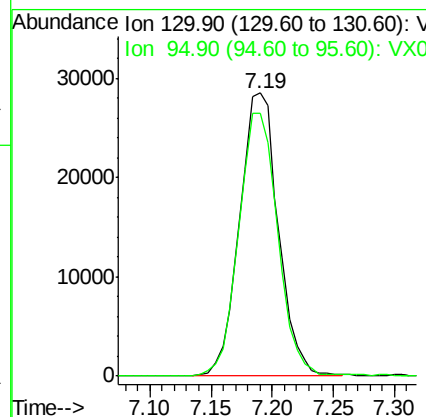
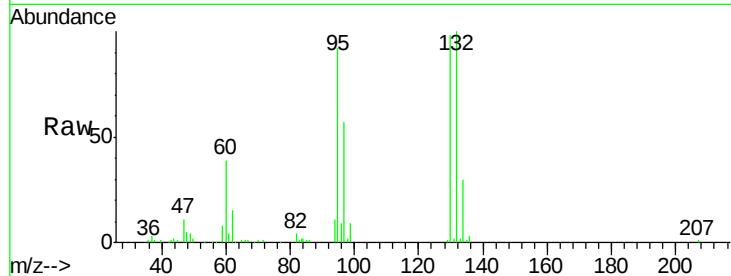
#37
 Trichloroethene
 Concen: 18.230 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 62846
 Ion Ratio Lower Upper
 130 100
 95 93.0 74.4 111.6

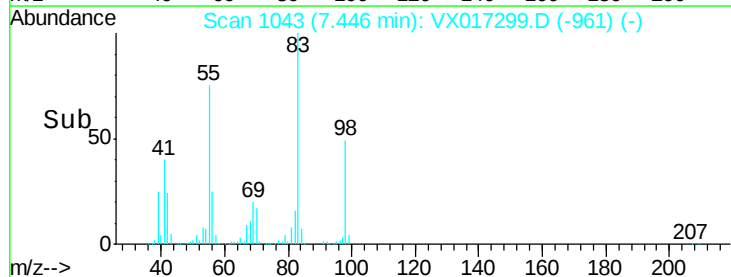
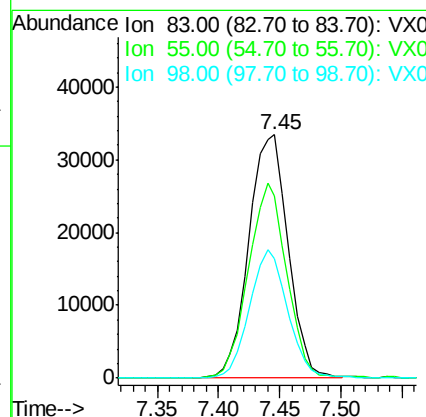
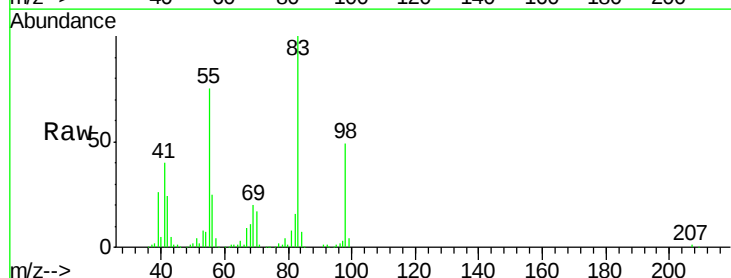
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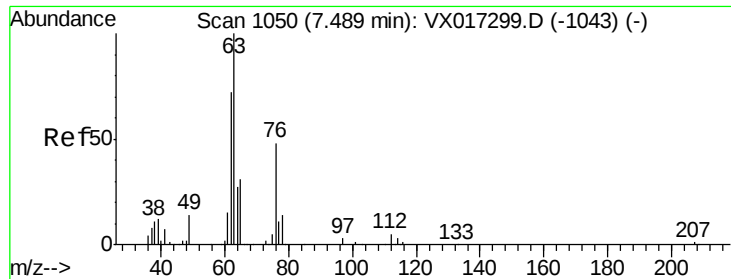
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#38
 Methylcyclohexane
 Concen: 15.501 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion: 83 Resp: 74911
 Ion Ratio Lower Upper
 83 100
 55 78.0 39.0 117.0
 98 50.6 25.3 75.9





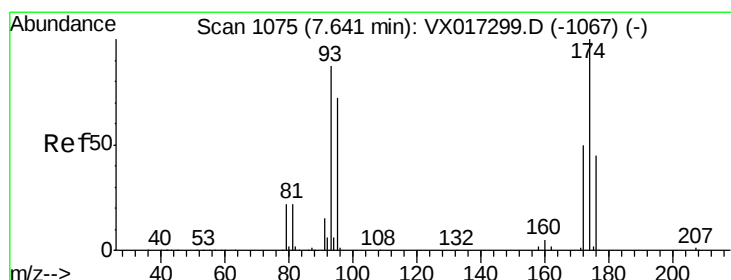
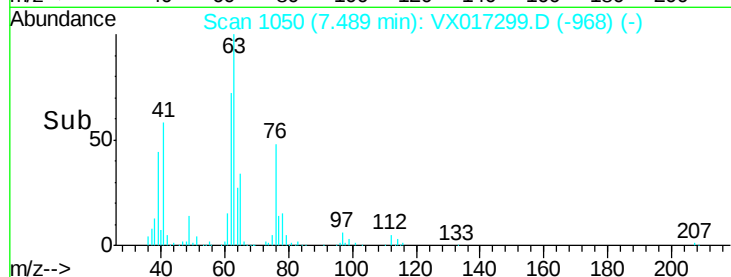
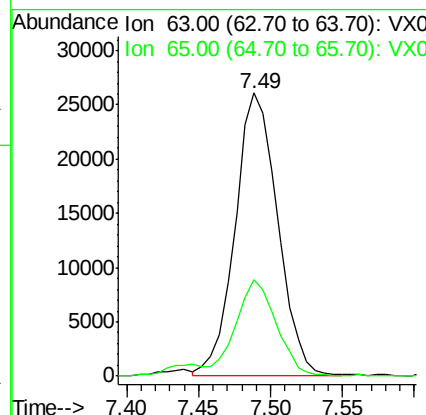
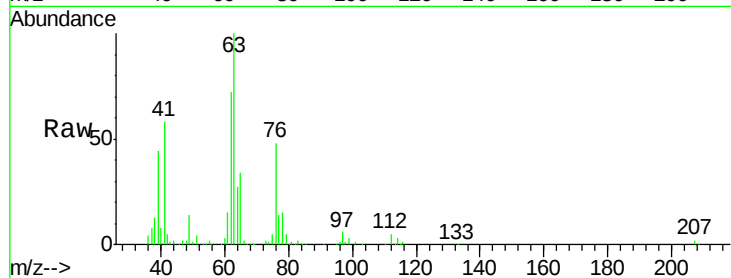
#39
 1,2-Dichloropropane
 Concen: 16.594 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	63	Resp	53852
Ion Ratio	100	Lower	Upper
63	100		
65	34.2	27.4	41.0

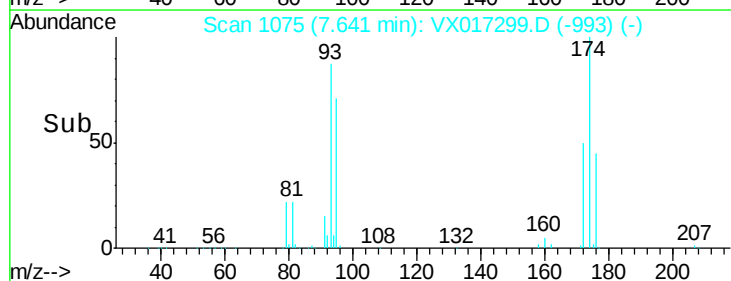
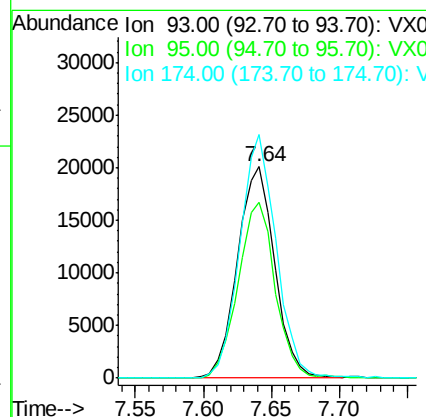
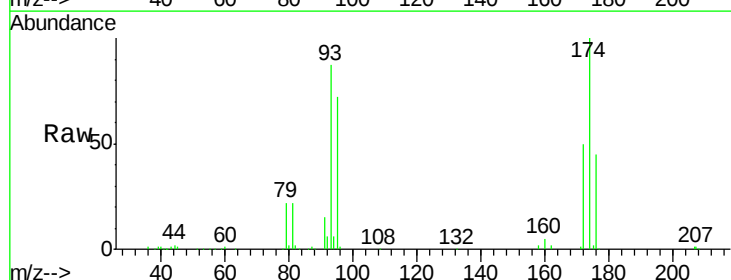
Manual Integrations
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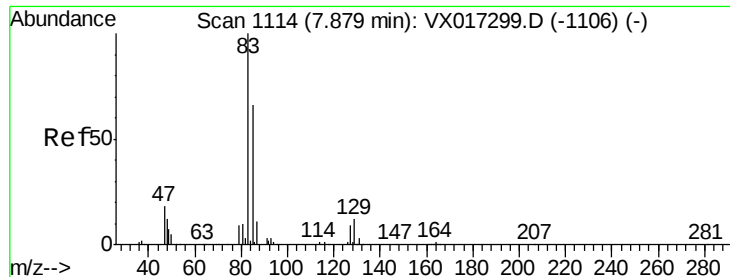
MMDadoda
 7/10/2020 12:36:33 PM



#40
 Dibromomethane
 Concen: 17.131 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	93	Resp	38458
Ion Ratio	100	Lower	Upper
93	100		
95	82.2	0.0	164.4
174	112.4	0.0	224.8





#41

Bromodichloromethane

Concen: 17.312 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

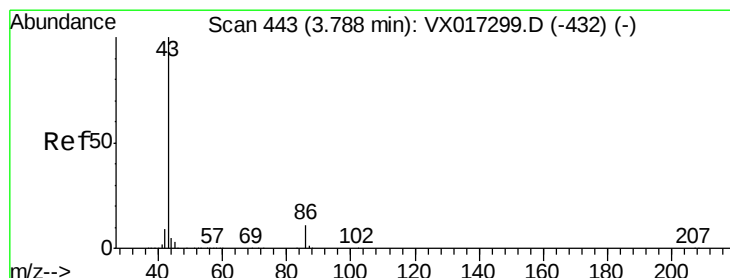
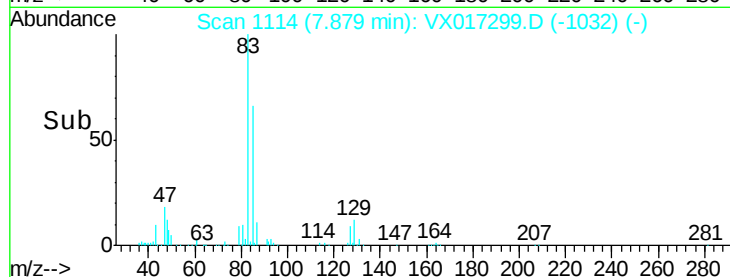
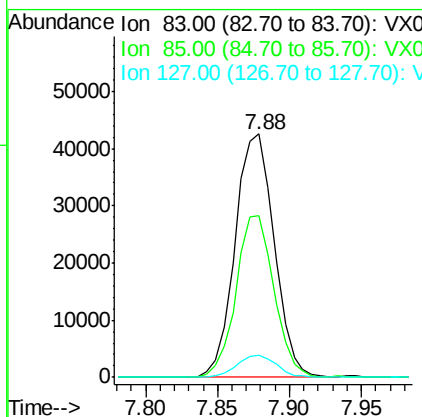
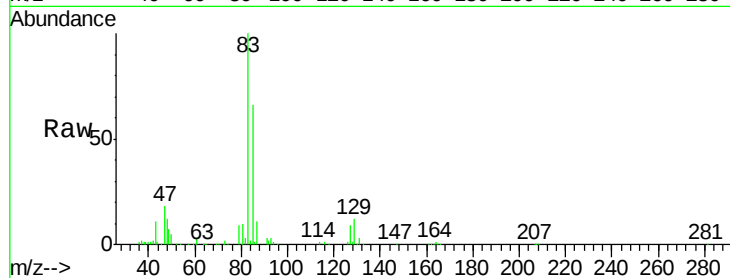
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	80516
Ion Ratio	Lower	Upper	
83	100		
85	66.4	53.1	79.7
127	9.1	7.3	10.9

Manual Integrations
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7/10/2020 12:36:33 PM



#42

Vinyl Acetate

Concen: 81.320 ug/l

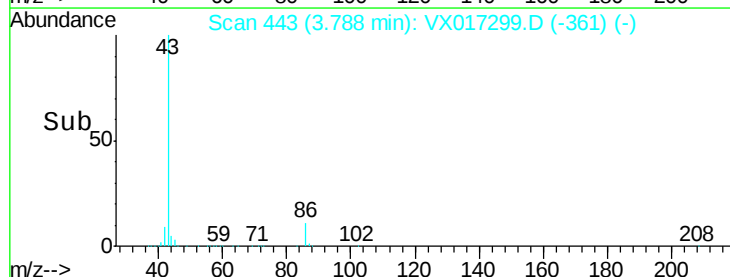
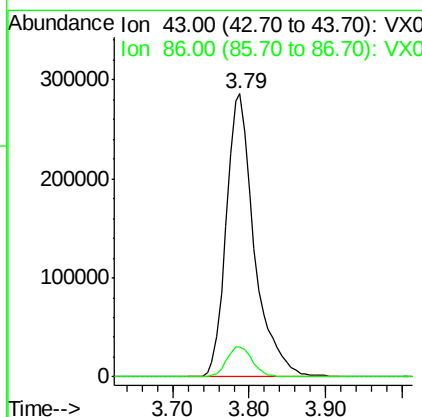
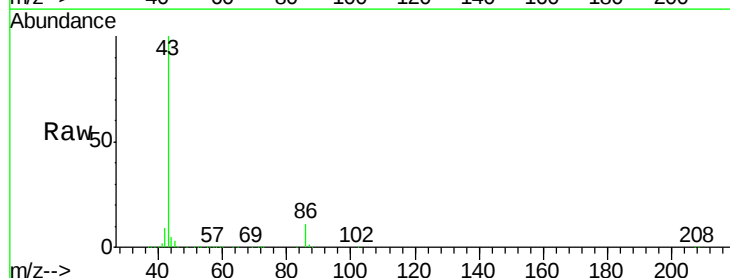
RT: 3.79 min Scan# 443

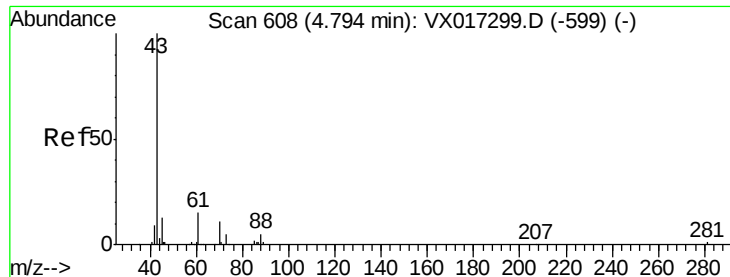
Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion:	43	Resp:	725651
Ion Ratio	Lower	Upper	
43	100		
86	9.9	7.9	11.9





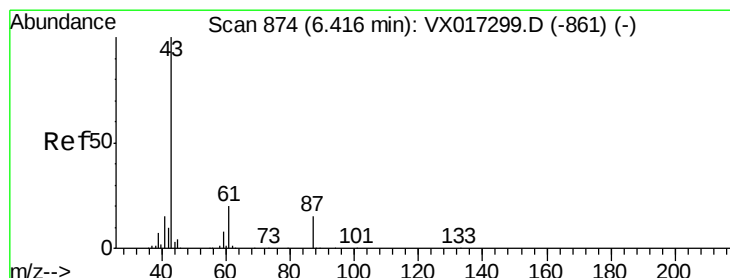
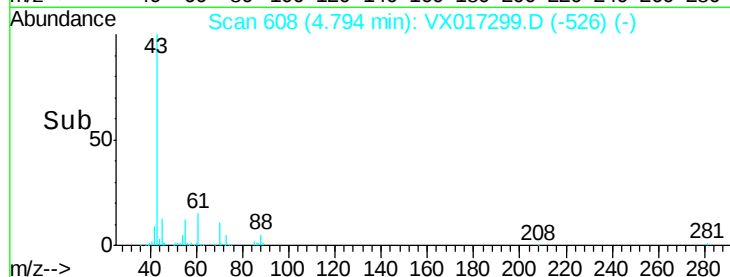
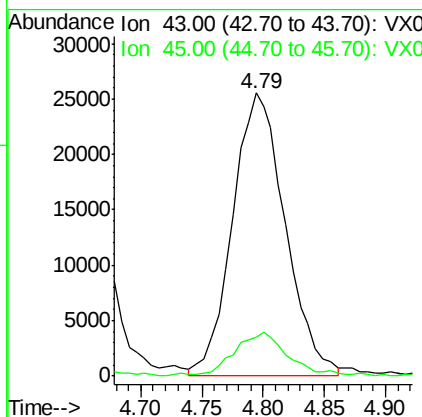
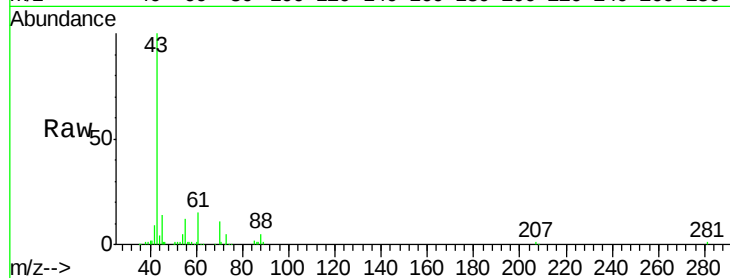
#43
Ethyl Acetate
Concen: 16.631 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	43	Resp	76472
Ion Ratio	100	Lower	Upper
43	100	12.1	18.1
45	15.1		

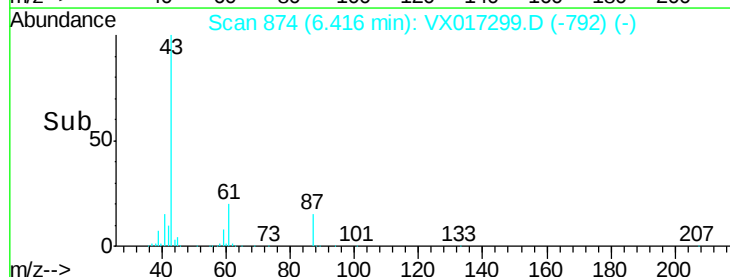
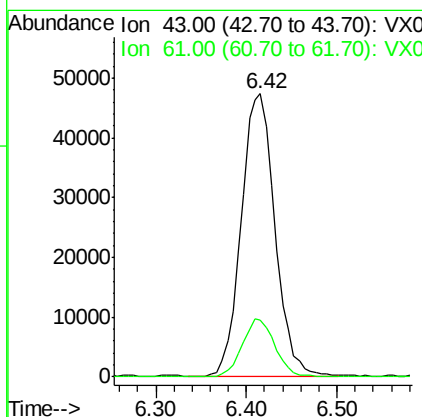
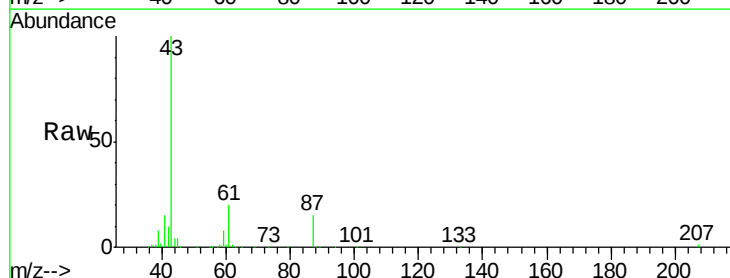
Manual Integrations
APPROVED

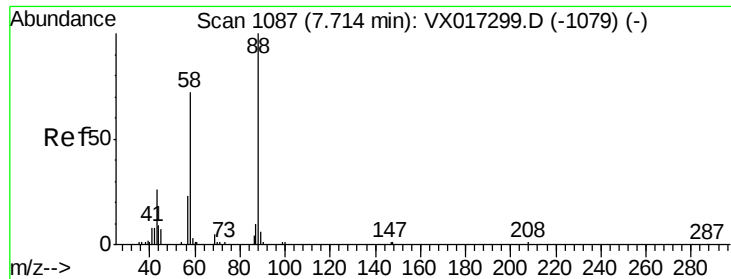
MMDadoda
7/10/2020 12:36:33 PM



#44
Isopropyl Acetate
Concen: 16.154 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	43	Resp	122305
Ion Ratio	100	Lower	Upper
43	100	15.7	23.5
61	19.6		





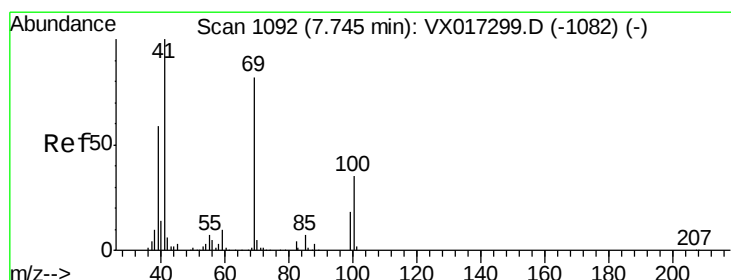
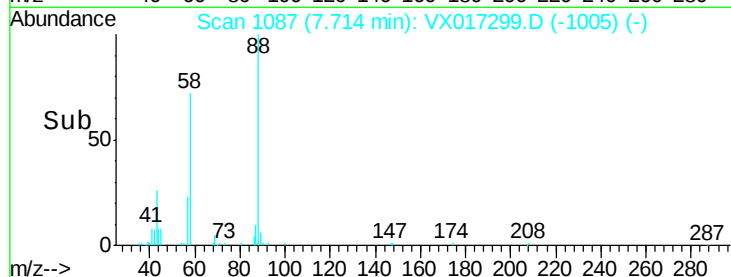
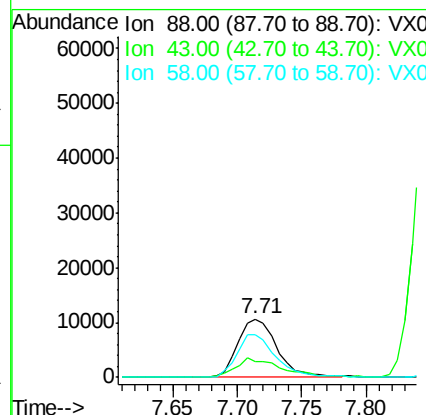
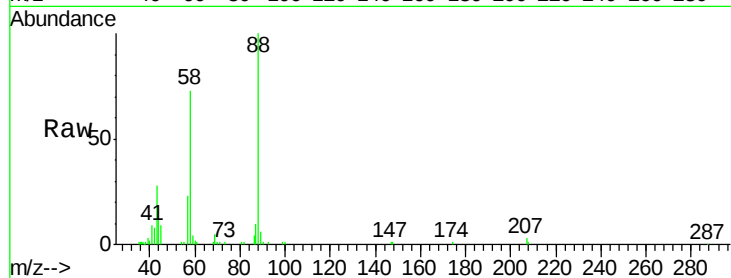
#45
 1,4-Dioxane
 Concen: 300.368 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.0	43.4
58	72.9	58.3	87.5

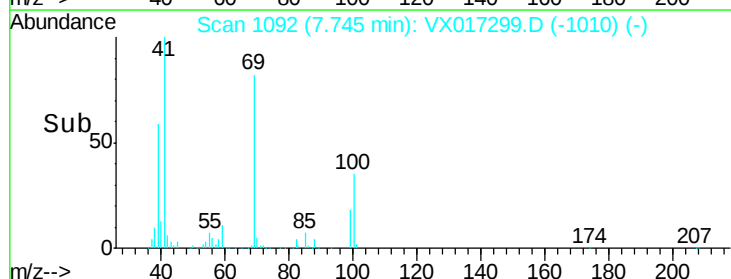
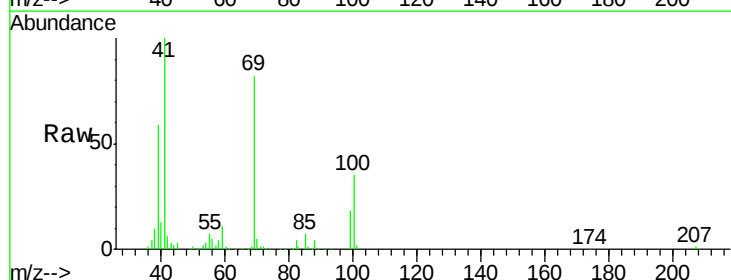
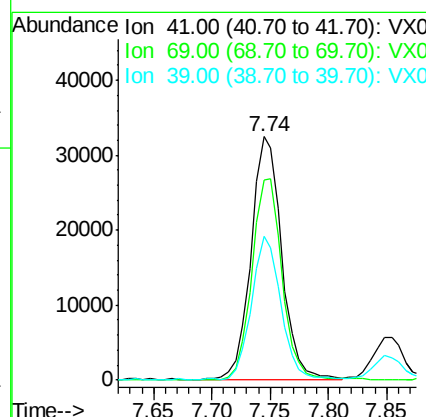
Manual Integrations
 APPROVED

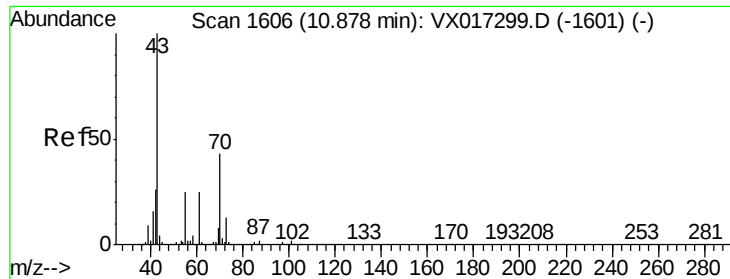
MMDadoda
 7/10/2020 12:36:33 PM



#46
 Methyl methacrylate
 Concen: 16.893 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.2	41.1	123.3
39	58.4	29.2	87.6





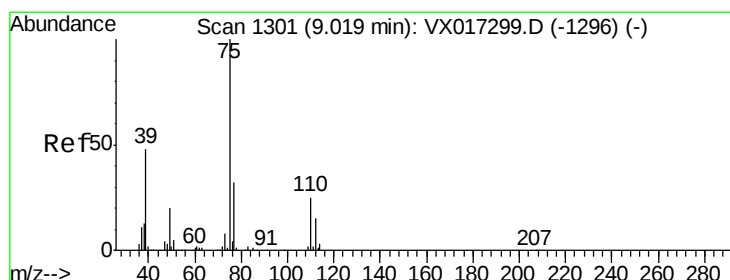
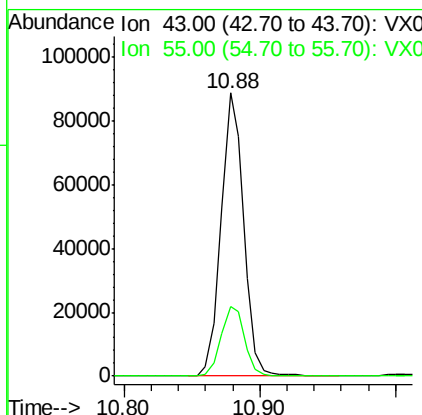
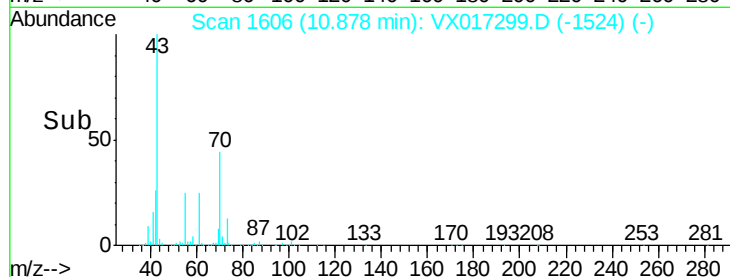
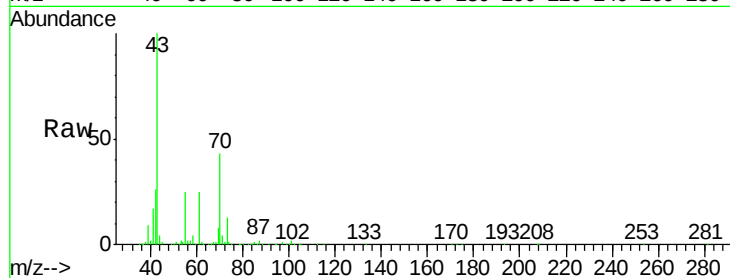
#47
n-amvl Acetate
Concen: 15.282 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 102184
Ion Ratio Lower Upper
43 100
55 25.5 20.4 30.6

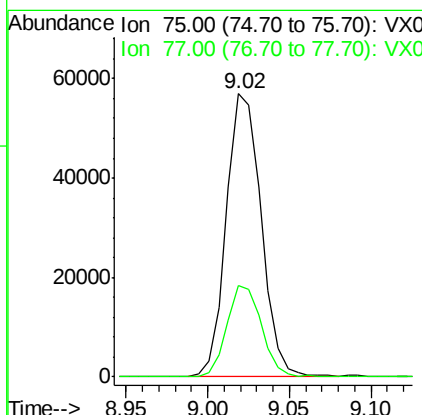
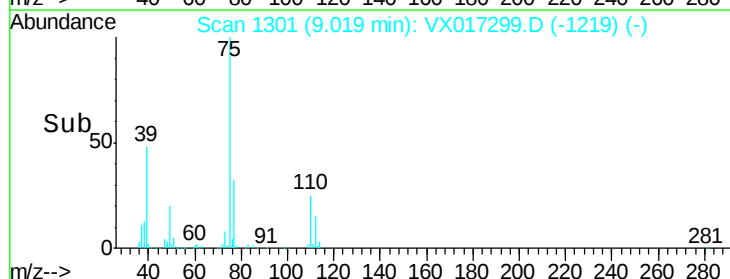
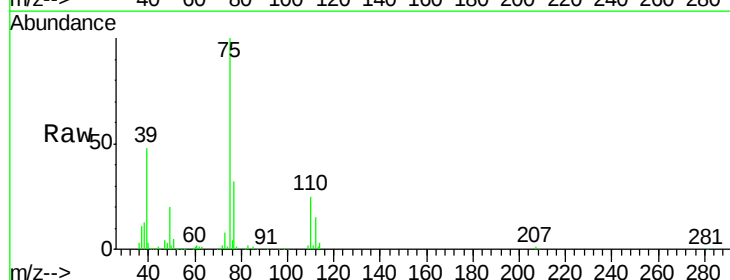
Manual Integrations
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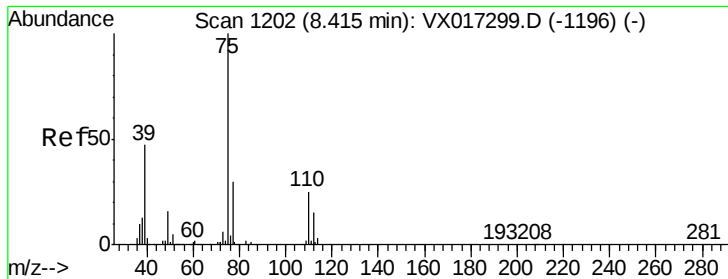
MMDadoda
7/10/2020 12:36:33 PM



#48
t-1,3-Dichloropropene
Concen: 16.517 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 75 Resp: 85119
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4





#49

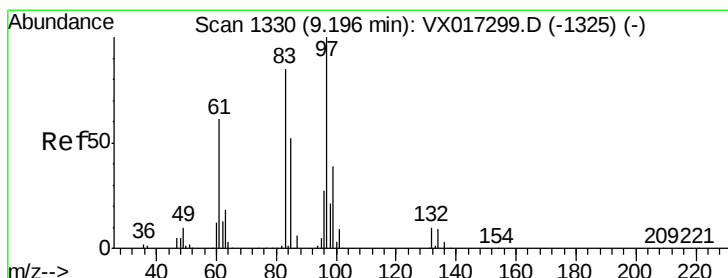
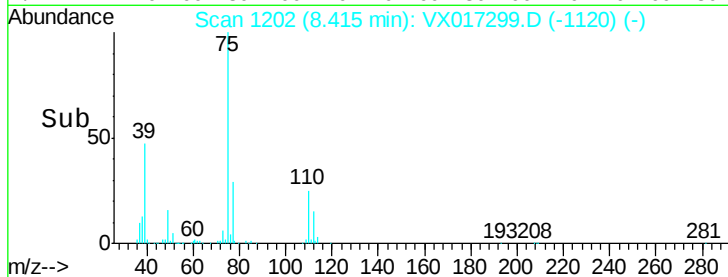
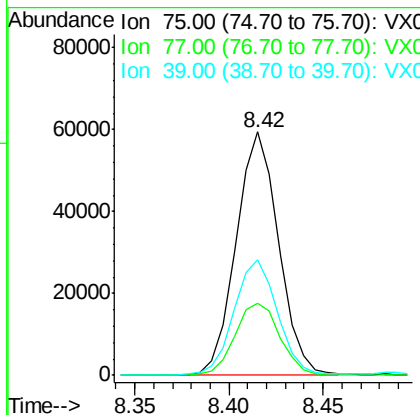
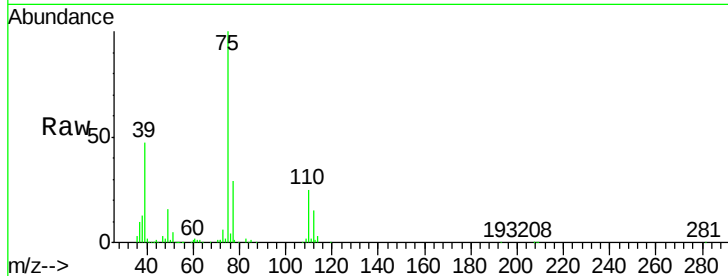
cis-1,3-Dichloropropene
 Concen: 17.150 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.5	23.6	35.4
39	46.9	37.5	56.3

Manual Integrations
 APPROVED

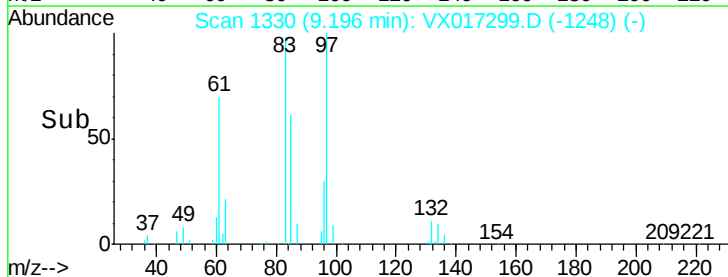
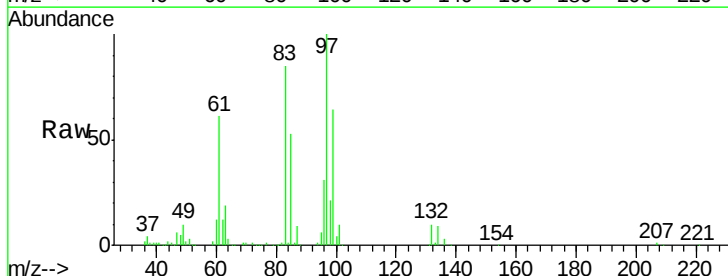
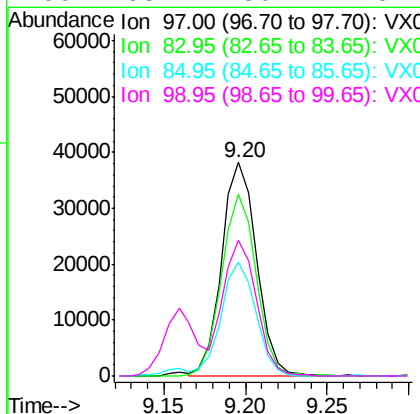
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 7/10/2020 12:36:33 PM

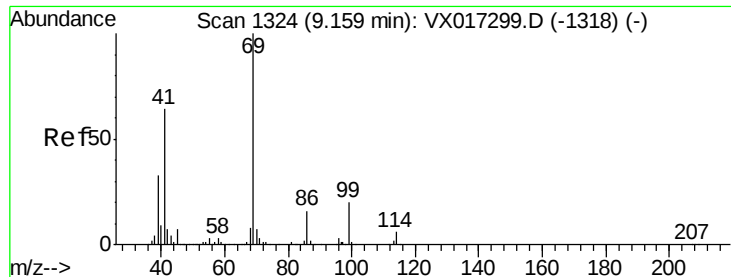


#50

1,1,2-Trichloroethane
 Concen: 17.951 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.9	101.9
85	53.3	42.6	64.0
99	63.4	50.7	76.1





#51

Ethyl methacrylate

Concen: 16.522 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

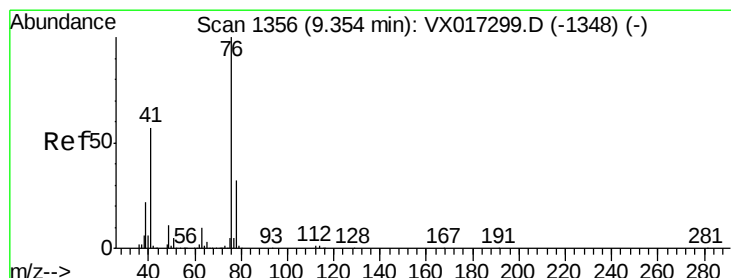
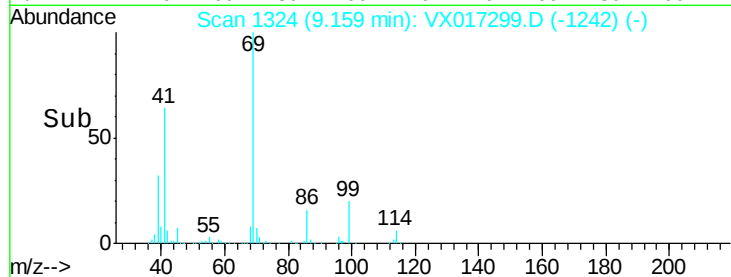
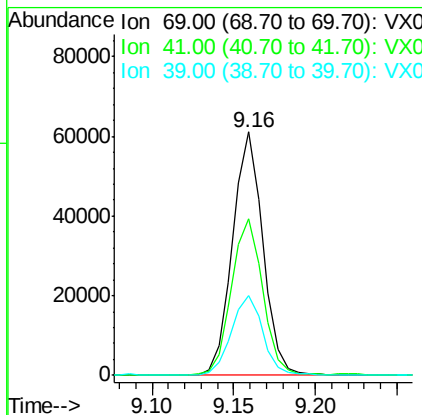
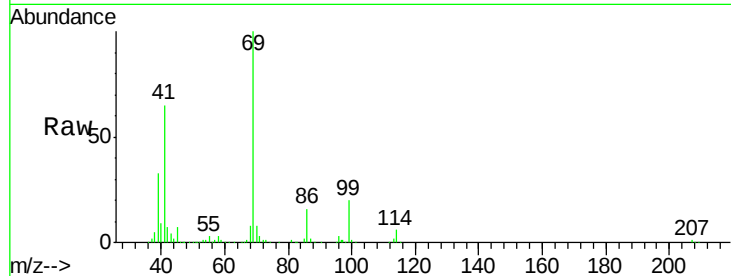
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	79282
Ion	Ratio	Lower	Upper
69	100		
41	64.3	32.1	96.5
39	32.6	16.3	48.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.474 ug/l

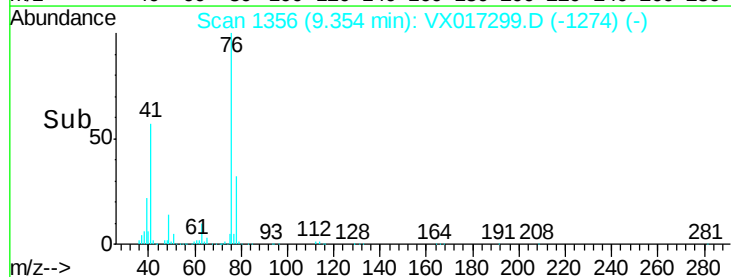
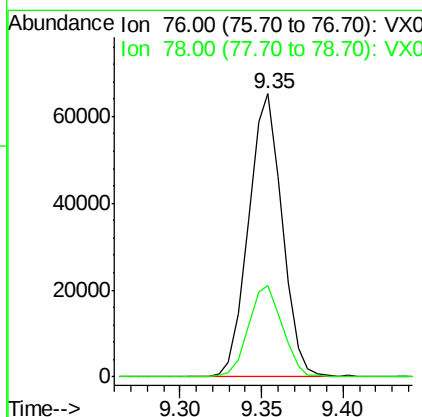
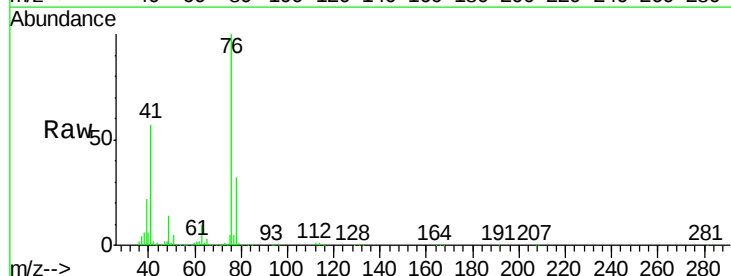
RT: 9.35 min Scan# 1356

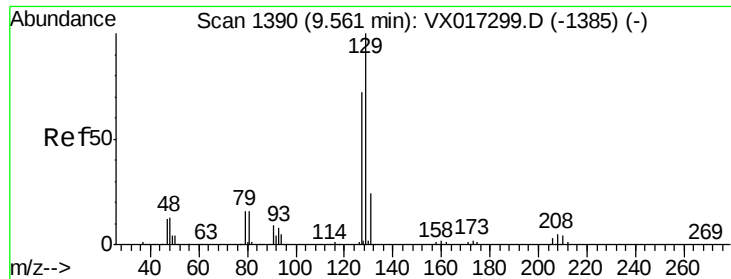
Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion:	76	Resp:	93731
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.6





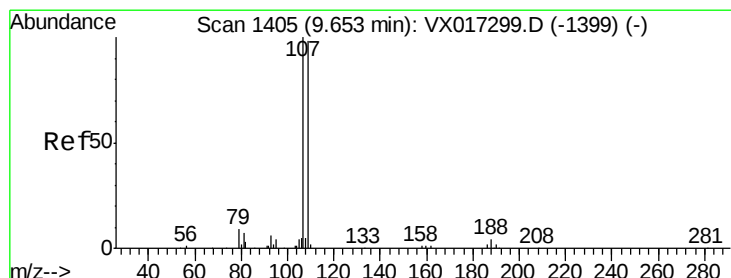
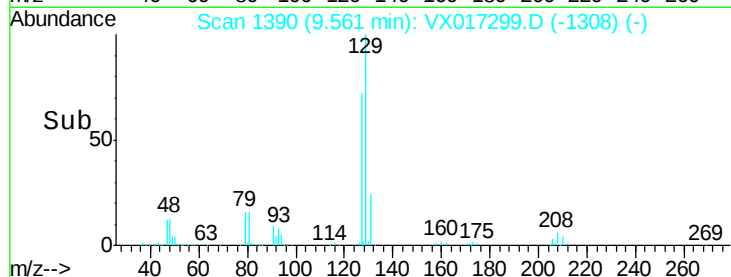
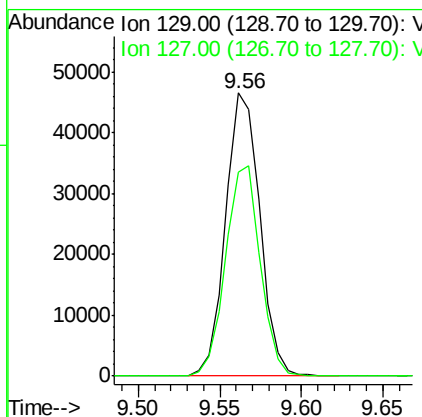
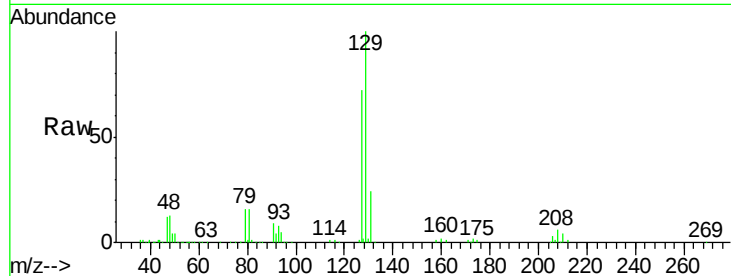
#53
 Dibromochloromethane
 Concen: 18.491 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.0	37.5	112.5

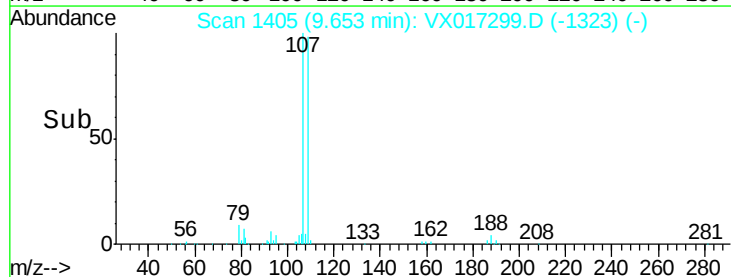
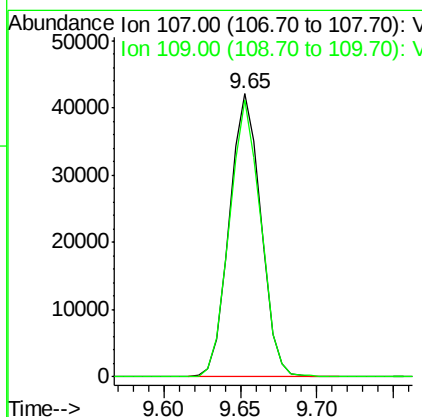
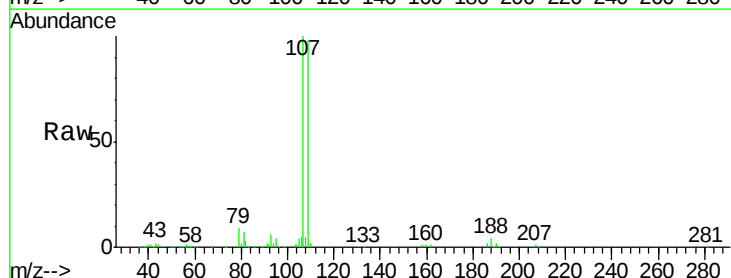
Manual Integrations
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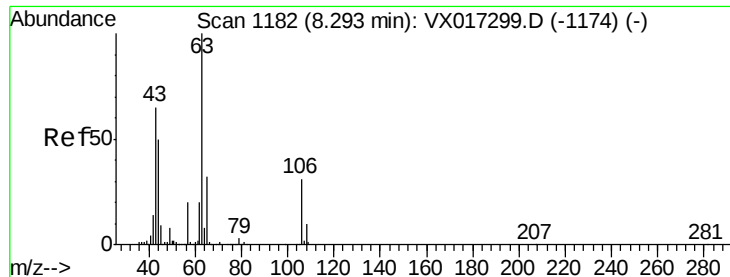
MMDadoda
 7/10/2020 12:36:33 PM



#54
 1,2-Dibromoethane
 Concen: 17.871 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.1	76.9	115.3





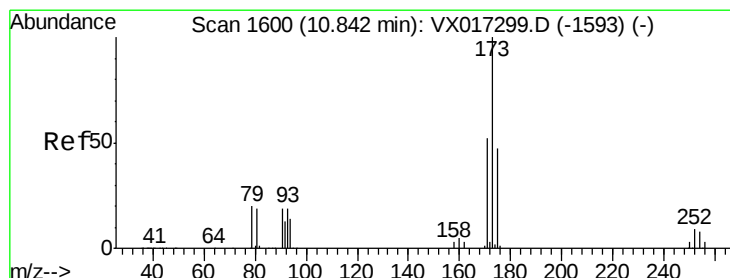
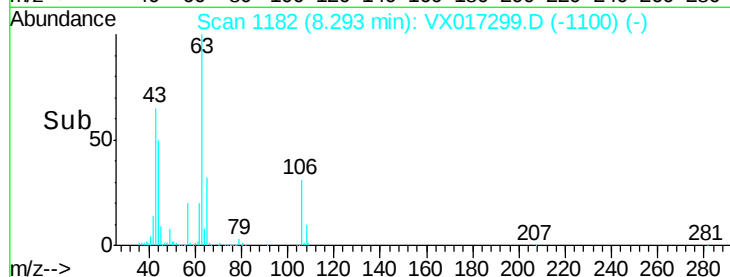
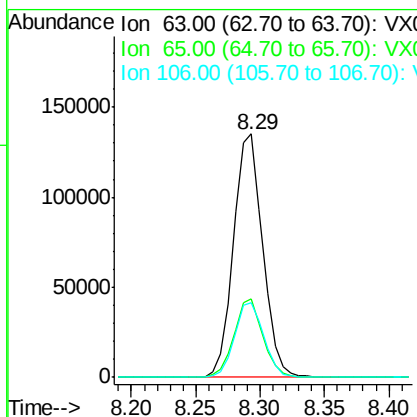
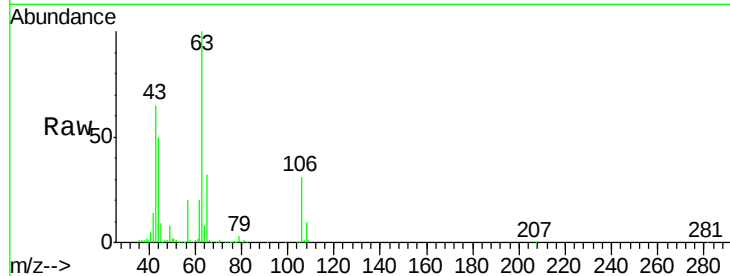
#55
 2-Chloroethyl vinyl ether
 Concen: 84.453 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.4	38.0
106	30.6	24.5	36.7

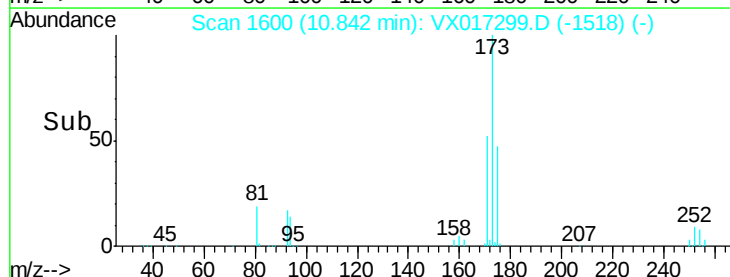
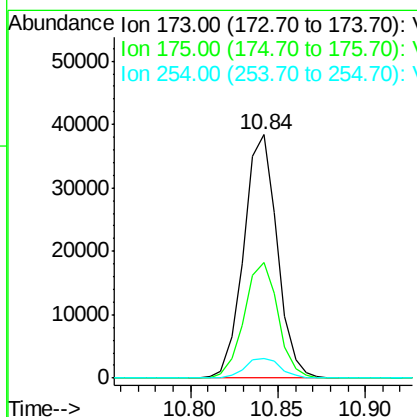
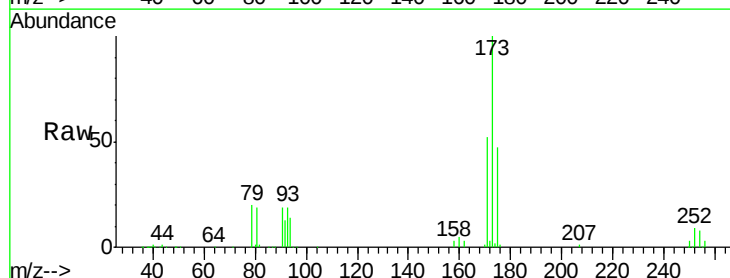
Manual Integrations
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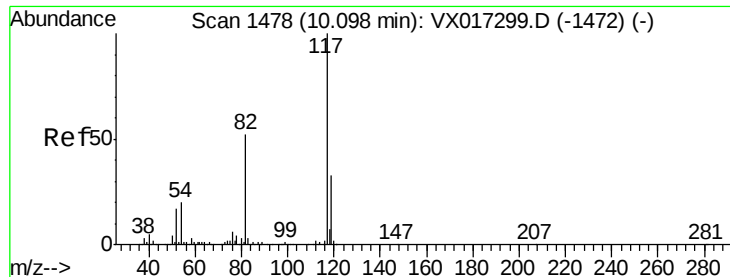
MMDadoda
 7/10/2020 12:36:33 PM



#56
 Bromoform
 Concen: 19.198 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.4	57.6
254	8.7	7.0	10.4





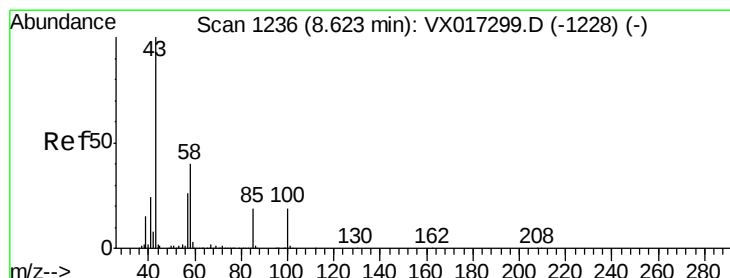
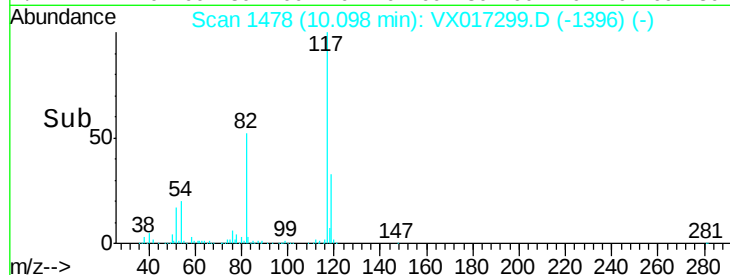
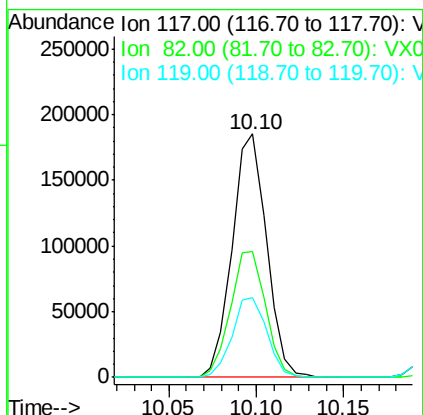
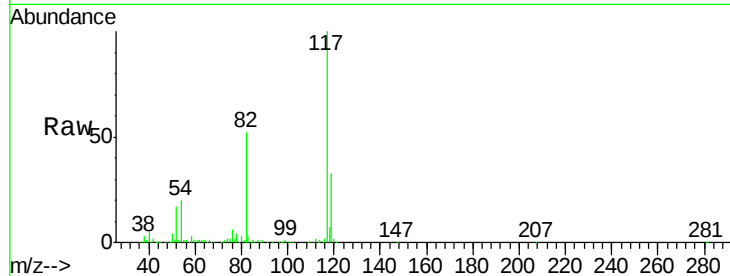
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.8	42.2	63.4
119	33.0	26.4	39.6

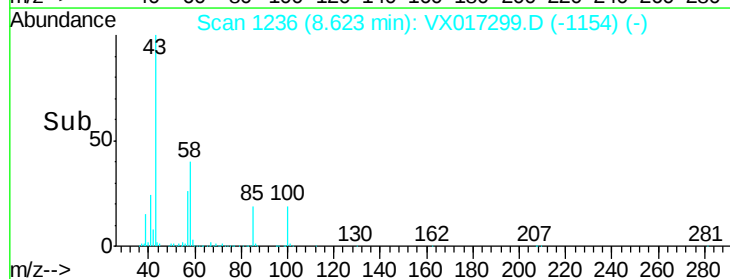
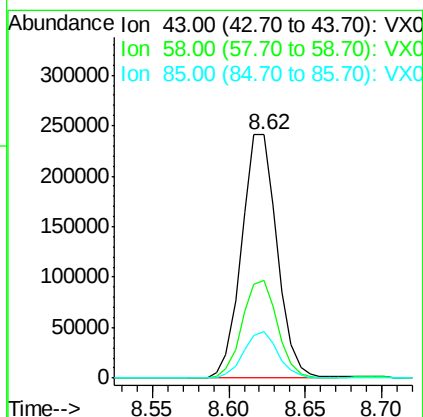
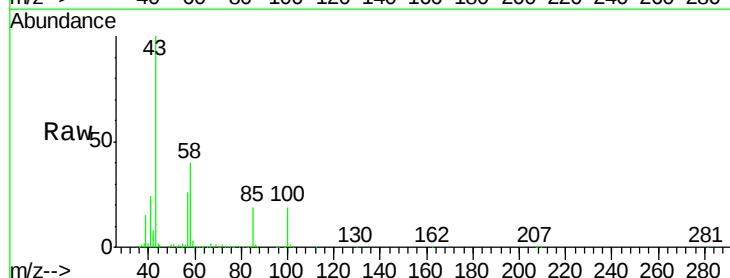
Manual Integrations
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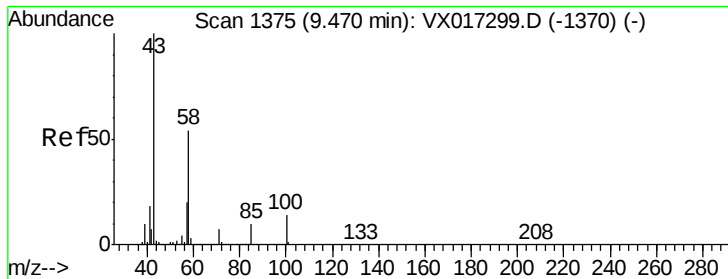
MMDadoda
7/10/2020 12:36:33 PM



#58
4-Methyl-2-Pentanone
Concen: 85.241 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	40.2	32.2	48.2
85	18.5	14.8	22.2





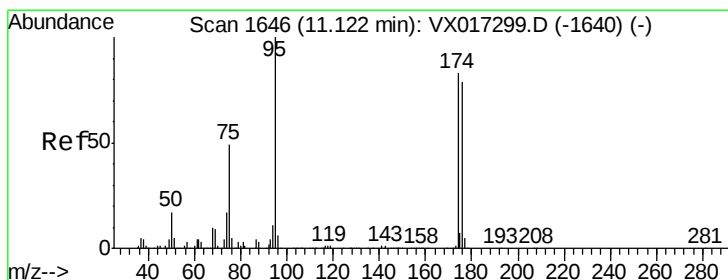
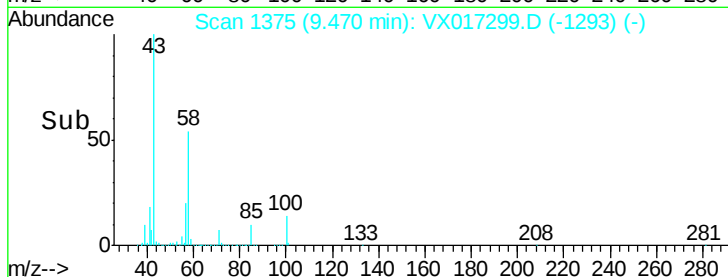
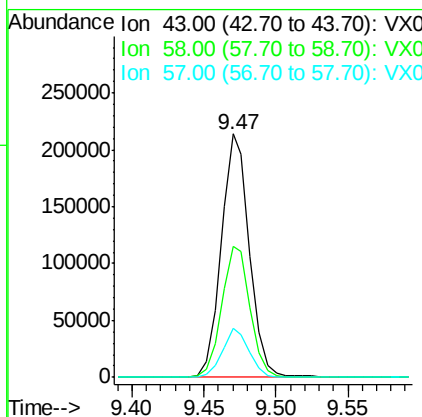
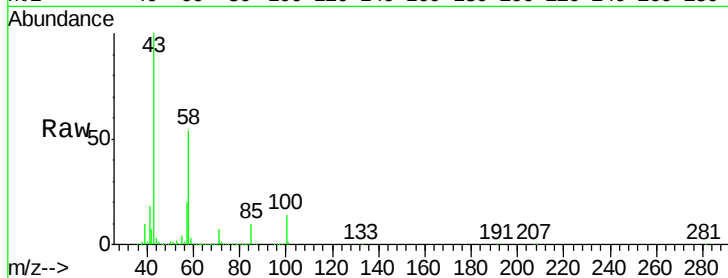
#59
2-Hexanone
Concen: 85.838 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.4	65.0
57	18.9	15.1	22.7

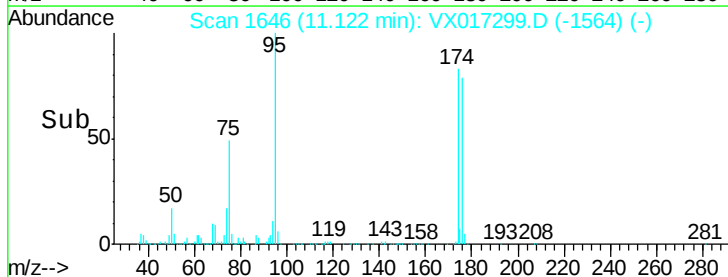
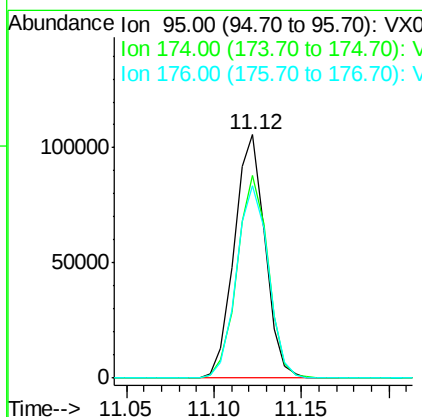
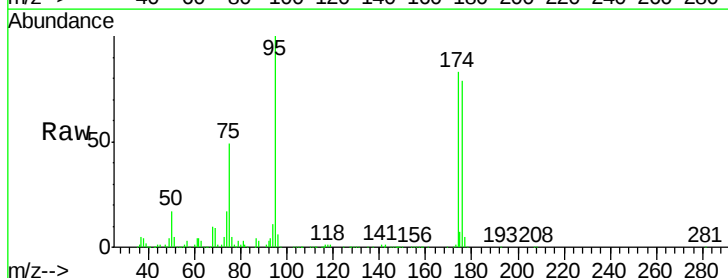
Manual Integrations
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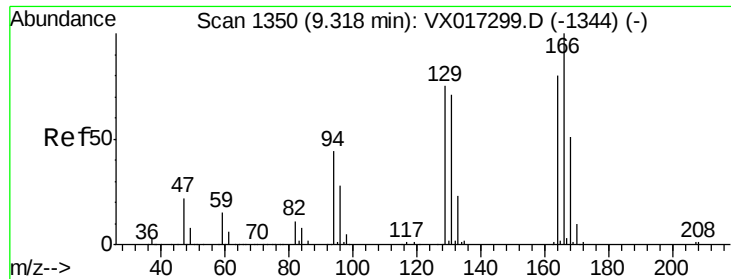
MMDadoda
7/10/2020 12:36:33 PM



#60
4-Bromofluorobenzene
Concen: 30.263 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.6	66.9	100.3
176	81.9	65.5	98.3





#61

Tetrachloroethene

Concen: 19.354 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 63114

Ion Ratio Lower Upper

164 100

166 124.7 99.8 149.6

129 93.0 74.4 111.6

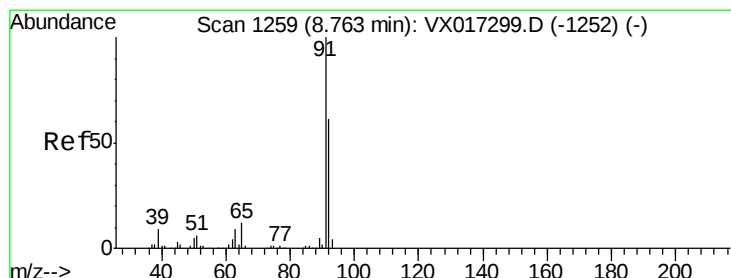
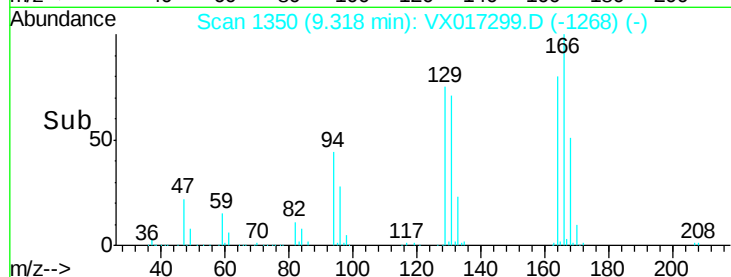
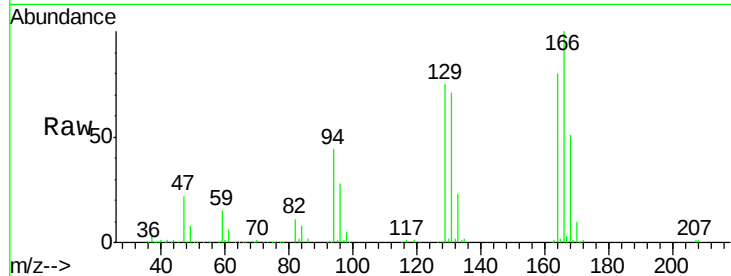
131 88.2 70.6 105.8

Manual Integrations

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#62

Toluene

Concen: 17.011 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017299.D

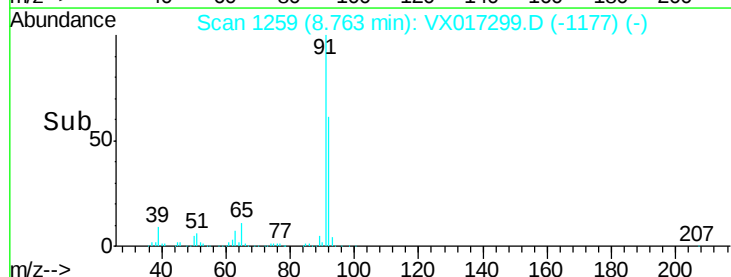
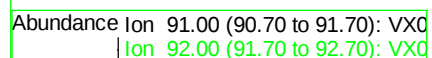
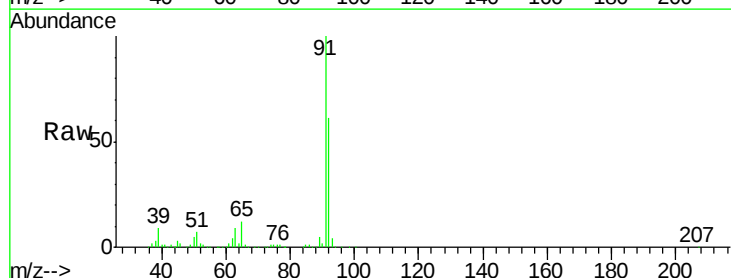
Acq: 09 Jul 2020 10:52

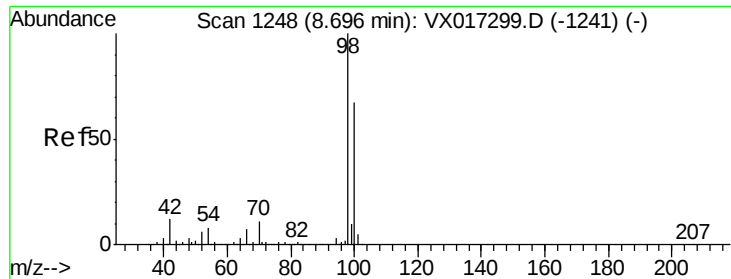
Tgt Ion: 91 Resp: 230193

Ion Ratio Lower Upper

91 100

92 59.0 47.2 70.8





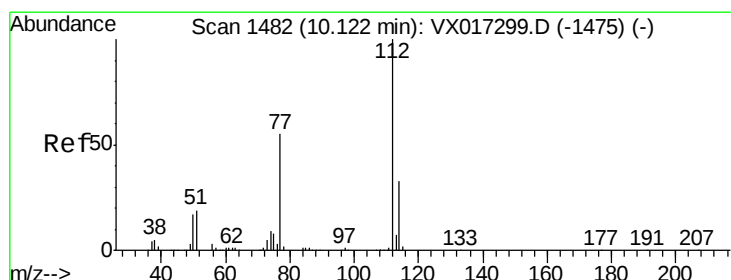
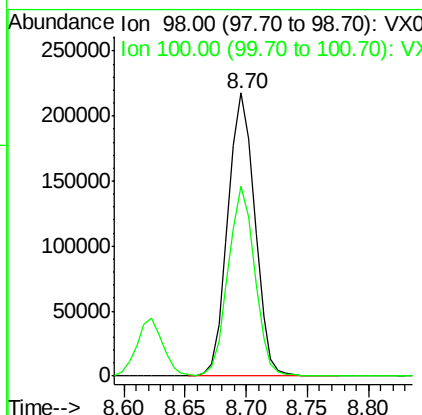
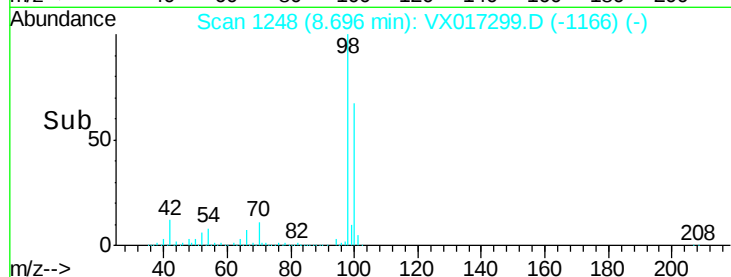
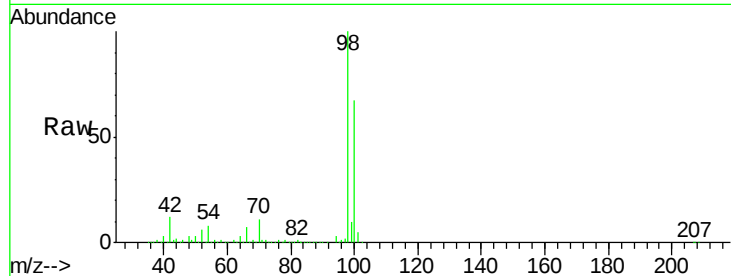
#63
Toluene-d8
Concen: 29.760 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 98 Resp: 333230
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2

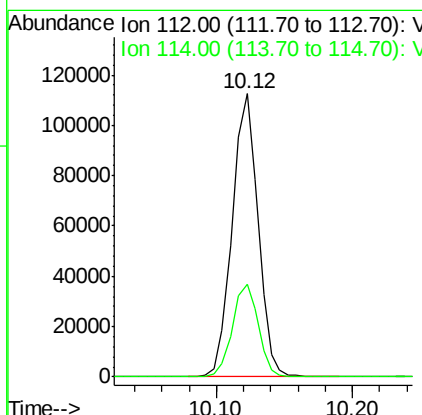
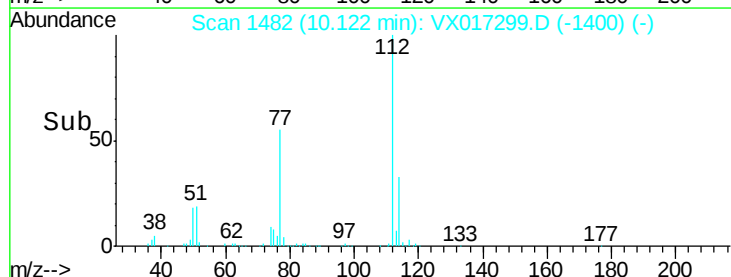
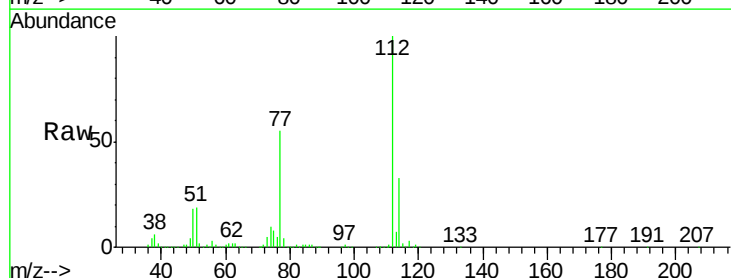
Manual Integrations
APPROVED

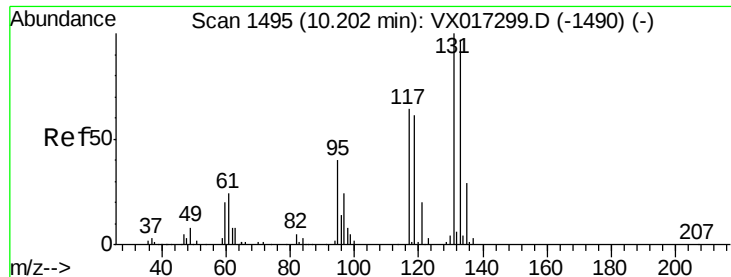
MMDadoda
7/10/2020 12:36:33 PM



#64
Chlorobenzene
Concen: 17.409 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion: 112 Resp: 149106
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.441 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

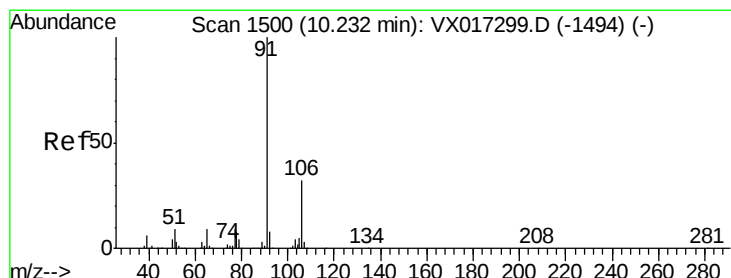
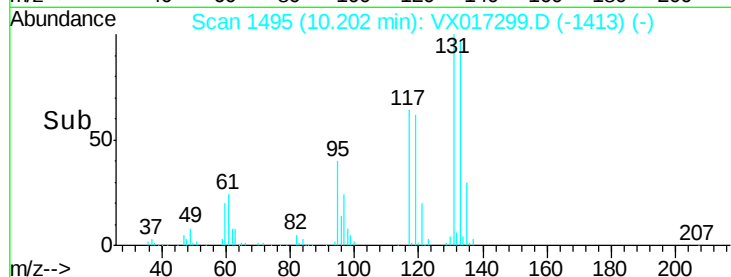
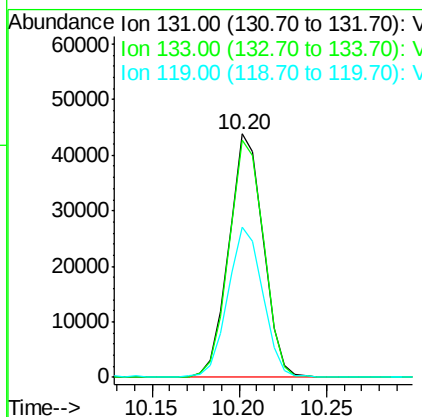
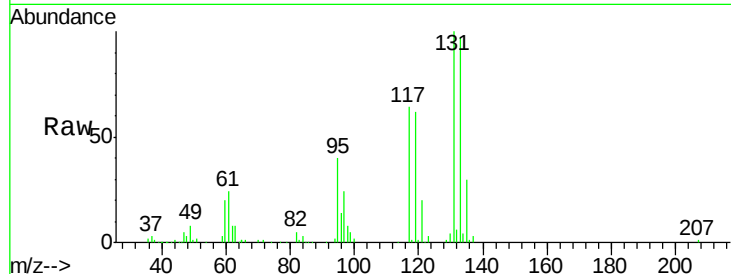
ClientSampleId :

VSTDICCC020

Tot Ion:	131	Resp:	59980
Ion	Ratio	Lower	Upper
131	100		
133	98.4	0.0	196.8
119	63.0	0.0	126.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 16.738 ug/l

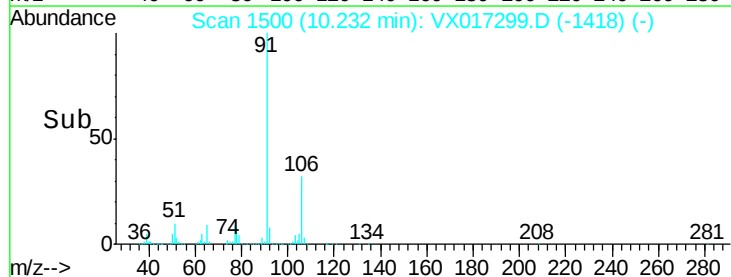
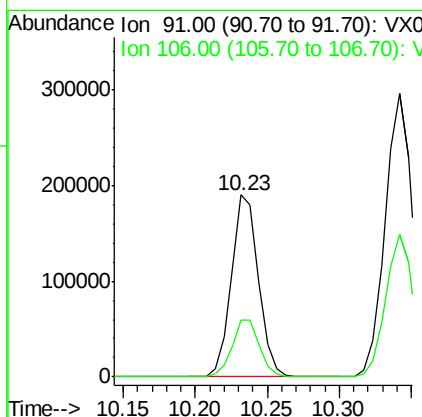
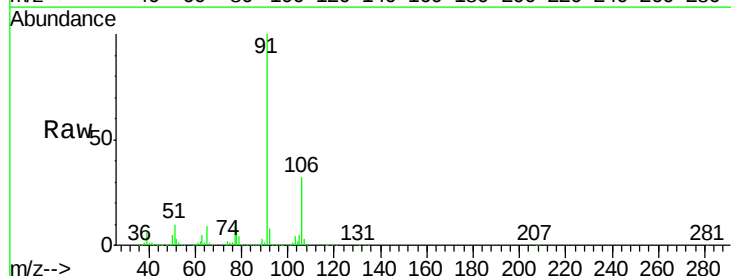
RT: 10.23 min Scan# 1500

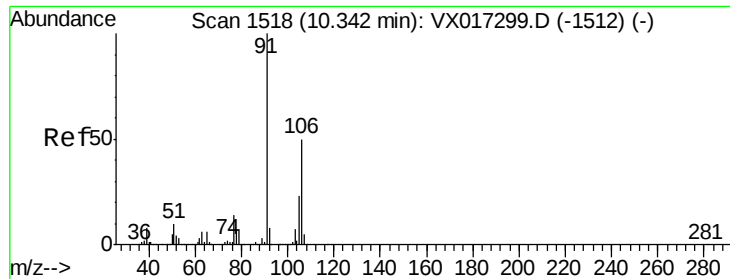
Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion:	91	Resp:	251342
Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.2	37.8





#67

m/p-Xylenes

Concen: 34.443 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:106 Resp: 196668

Ion Ratio Lower Upper

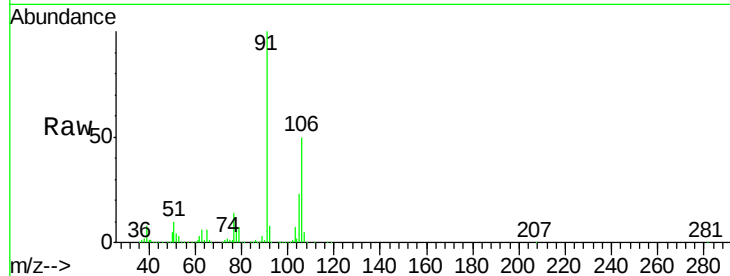
106 100

91 199.6 159.7 239.5

Manual Integrations
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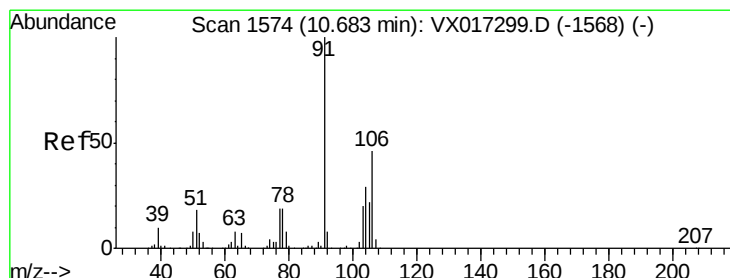
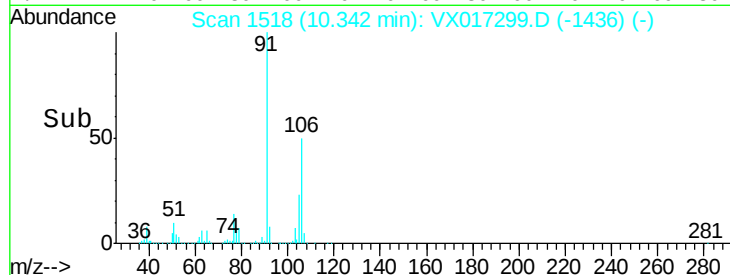
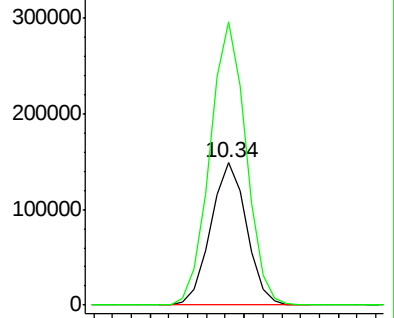
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 16.580 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017299.D

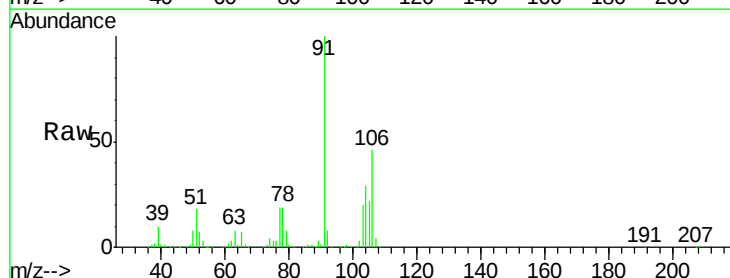
Acq: 09 Jul 2020 10:52

Tgt Ion:106 Resp: 90043

Ion Ratio Lower Upper

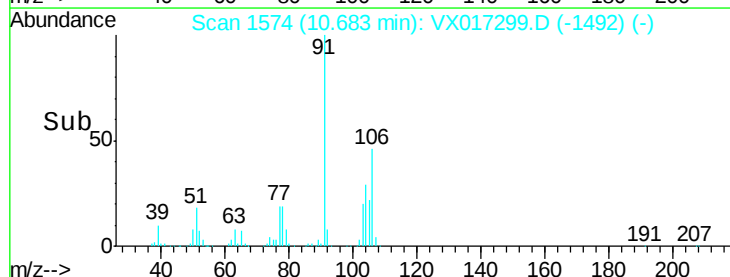
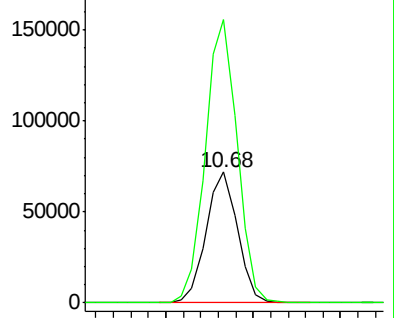
106 100

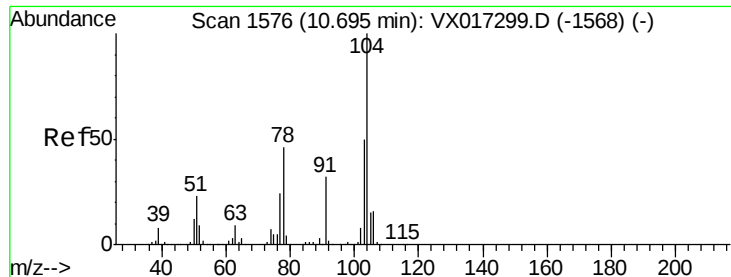
91 219.2 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





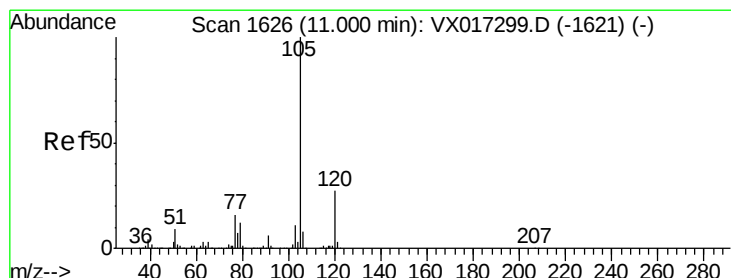
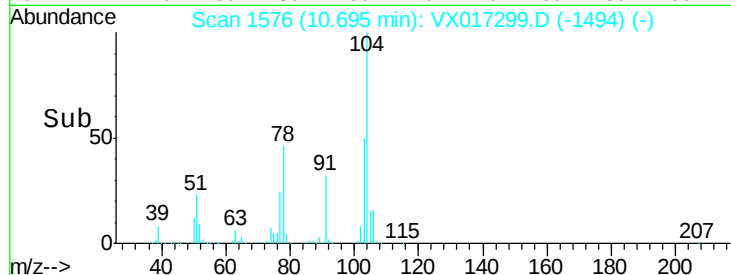
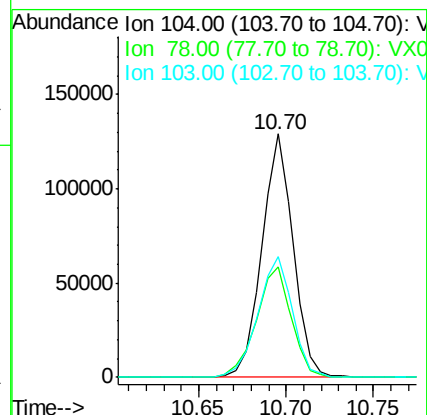
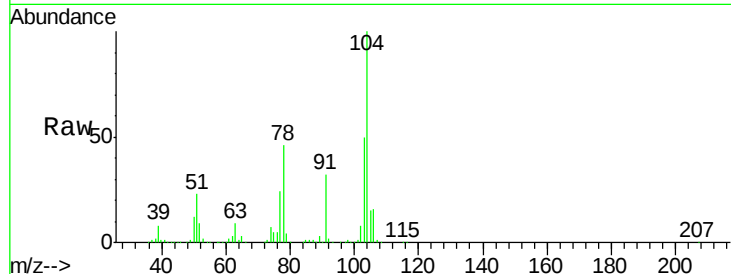
#69
Stvrene
Concen: 16.976 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	159750		
78	51.0		40.8	61.2
103	55.4		44.3	66.5

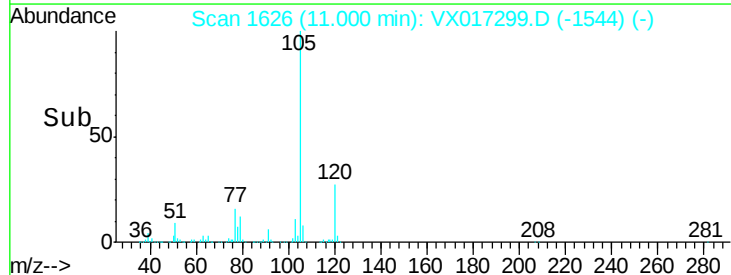
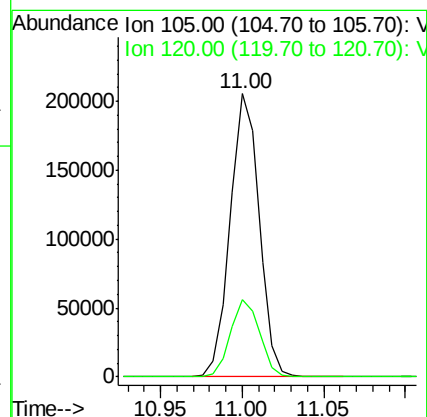
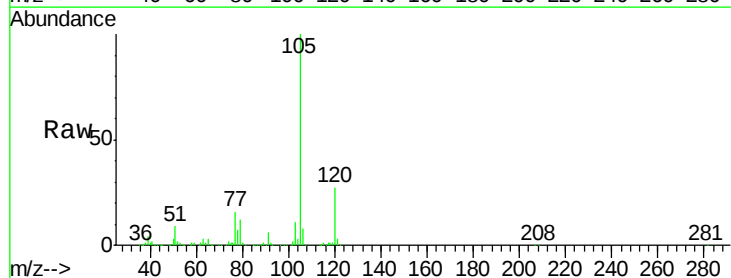
Manual Integrations
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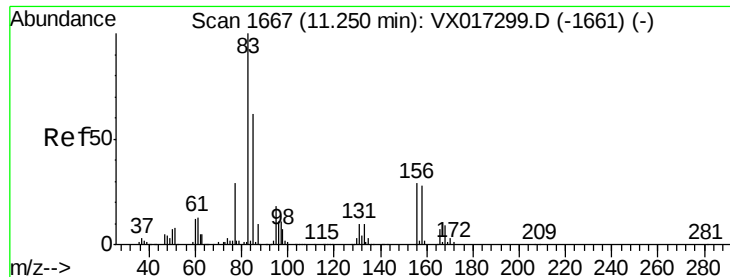
MMDadoda
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#70
Isopropylbenzene
Concen: 17.085 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254356		
120	27.5		19.3	35.8





#71

1,1,2,2-Tetrachloroethane

Concen: 17.495 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 80272

Ion Ratio Lower Upper

83 100

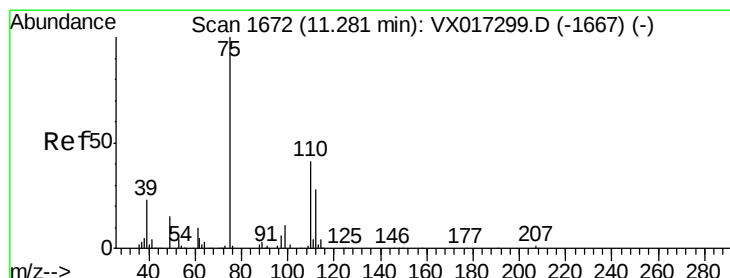
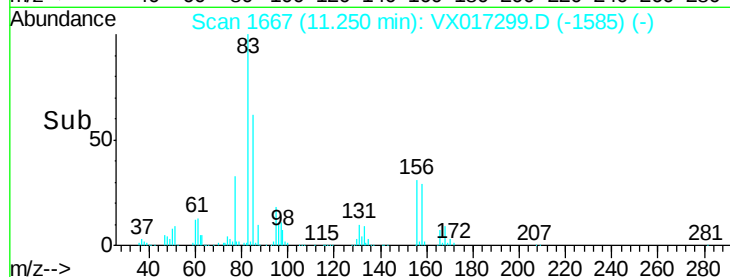
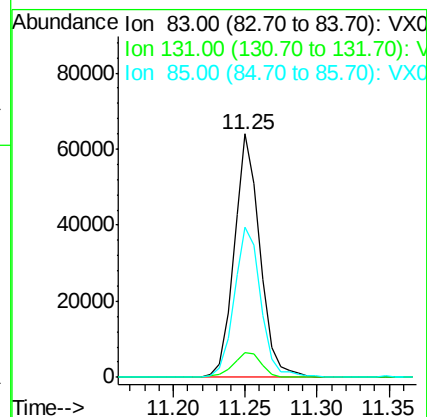
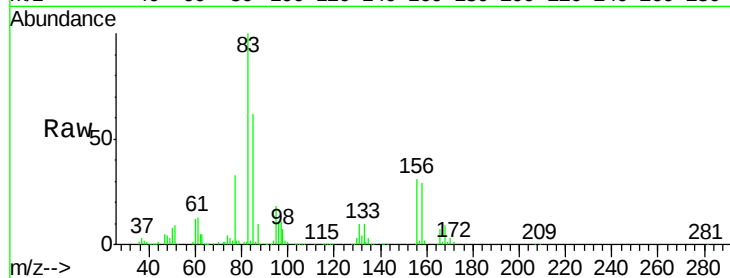
131 11.0 5.5 16.5

85 63.0 31.5 94.5

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 18.302 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017299.D

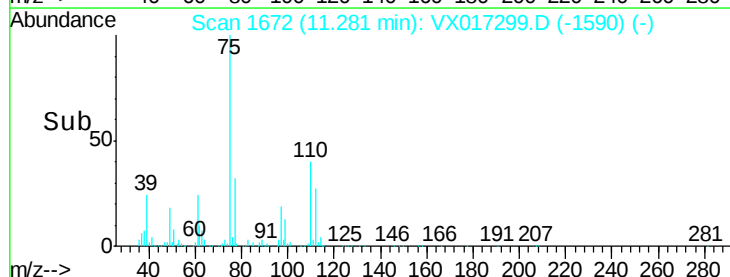
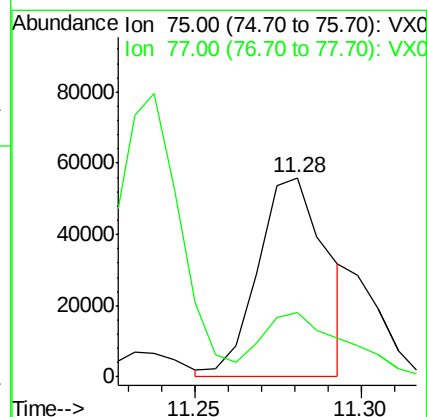
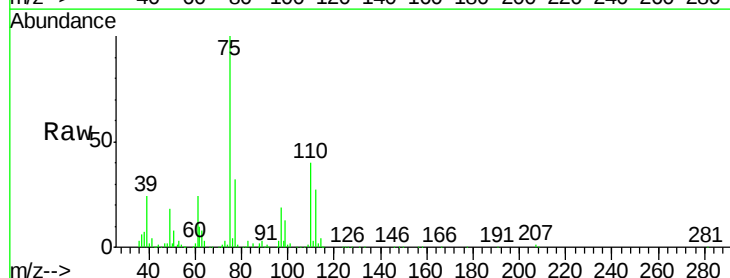
Acq: 09 Jul 2020 10:52

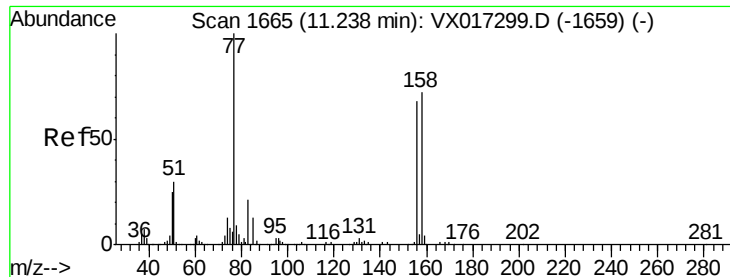
Tgt Ion: 75 Resp: 80724

Ion Ratio Lower Upper

75 100

77 36.1 0.0 72.2





#73

Bromobenzene

Concen: 18.675 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

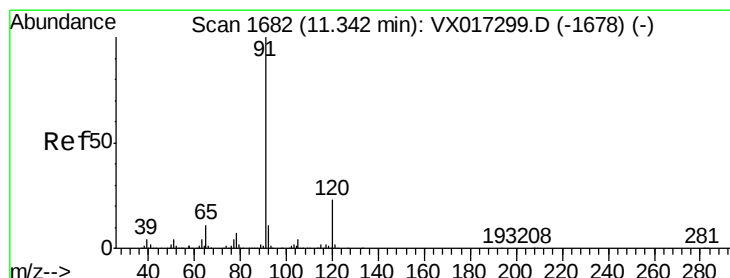
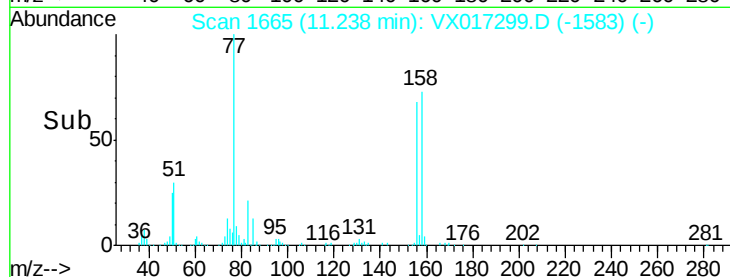
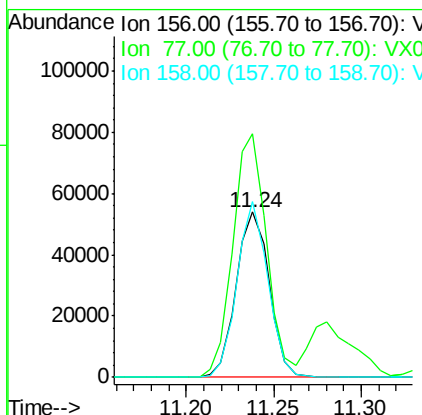
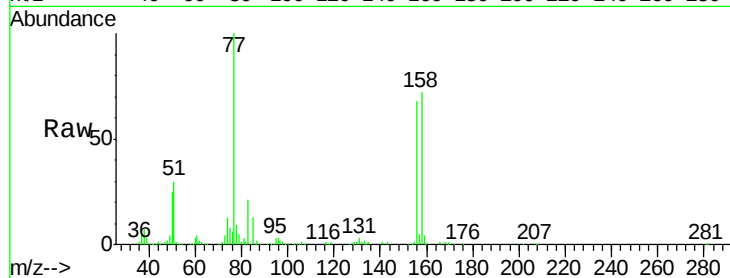
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.6	0.0	299.2
158	99.5	0.0	199.0

Manual Integrations
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#74

n-propylbenzene

Concen: 16.497 ug/l

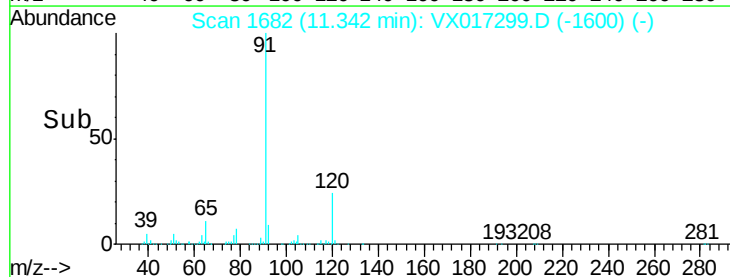
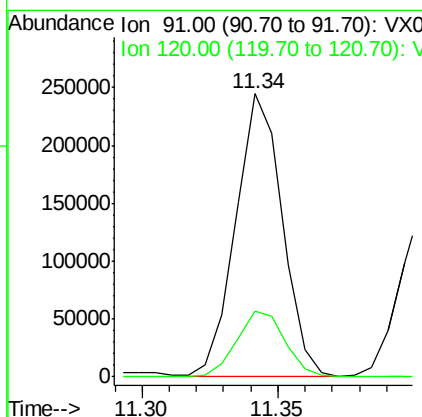
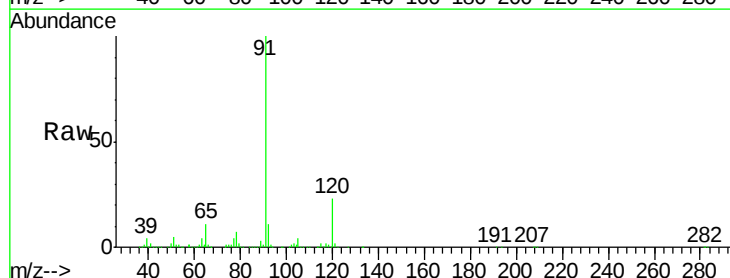
RT: 11.34 min Scan# 1682

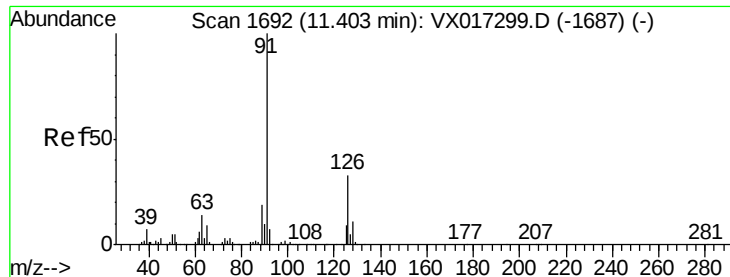
Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	0.0	48.4





#75

2-Chlorotoluene

Concen: 17.311 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 179465

Ion Ratio Lower Upper

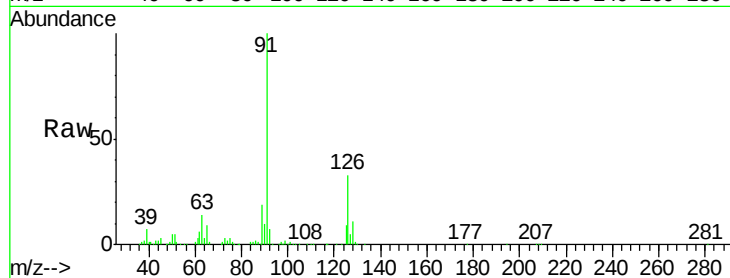
91 100

126 34.2 0.0 68.4

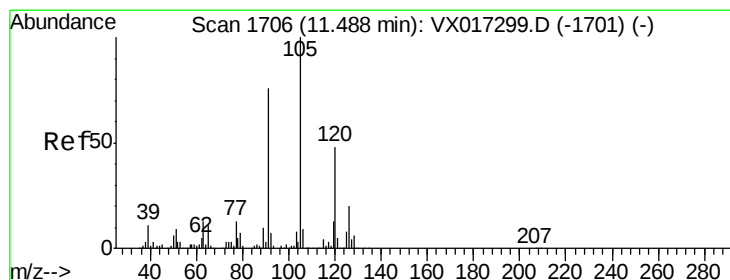
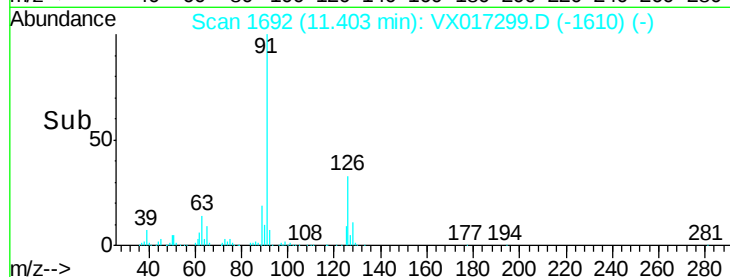
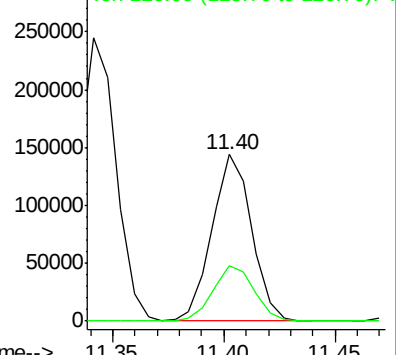
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX017299.D (-1687) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.323 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017299.D

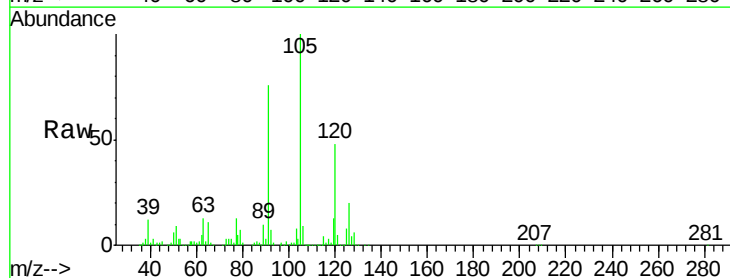
Acq: 09 Jul 2020 10:52

Tgt Ion: 105 Resp: 217266

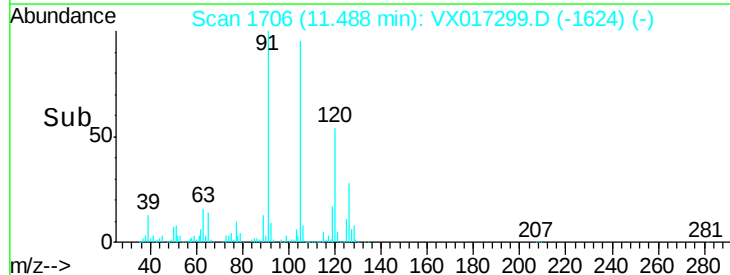
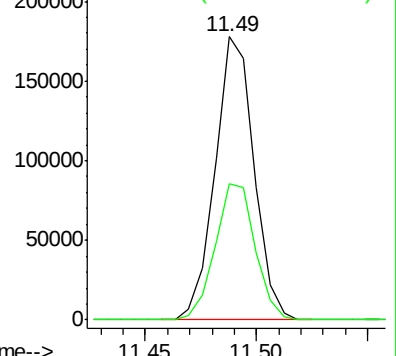
Ion Ratio Lower Upper

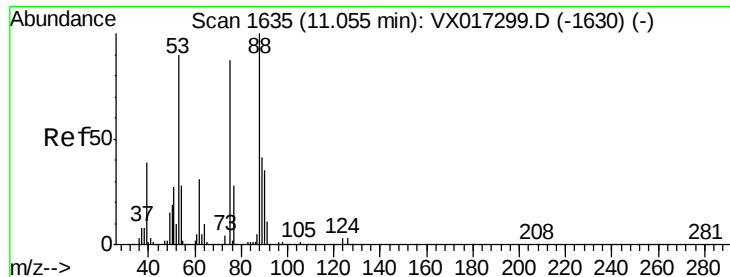
105 100

120 49.4 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): VX017299.D (-1701) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.453 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Instrument :

MSVOA_X

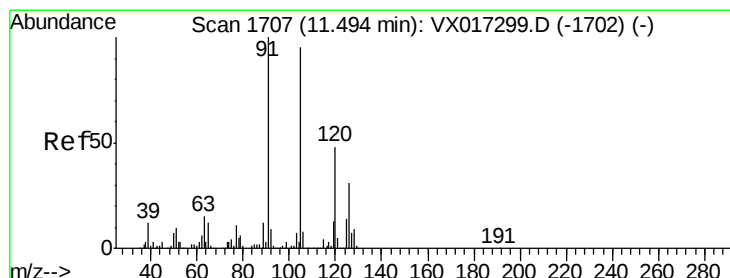
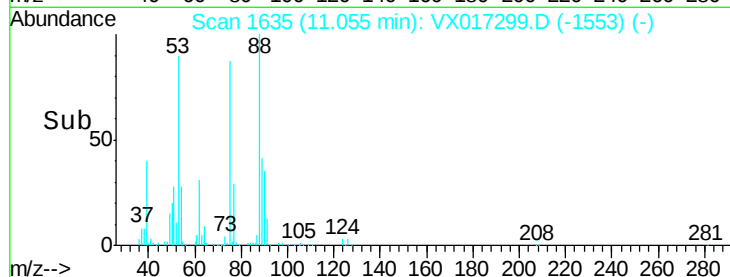
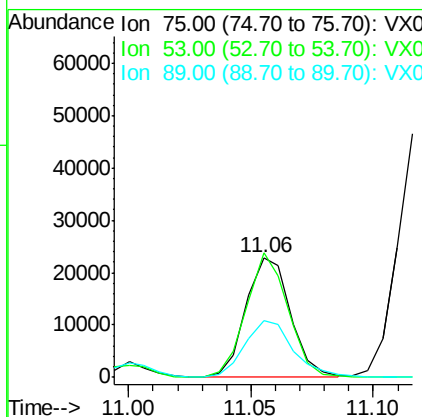
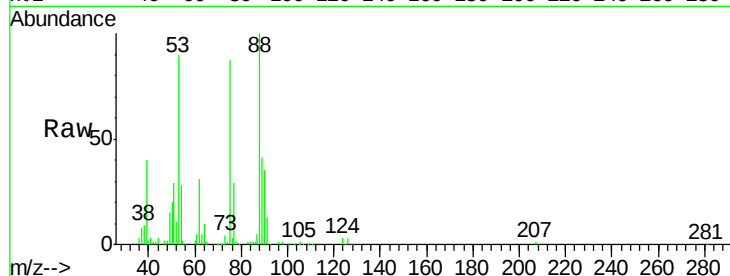
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	29197
Ion	Ratio	Lower	Upper
75	100		
53	104.2	52.1	156.3
89	47.4	23.7	71.1

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#78

4-Chlorotoluene

Concen: 17.230 ug/l

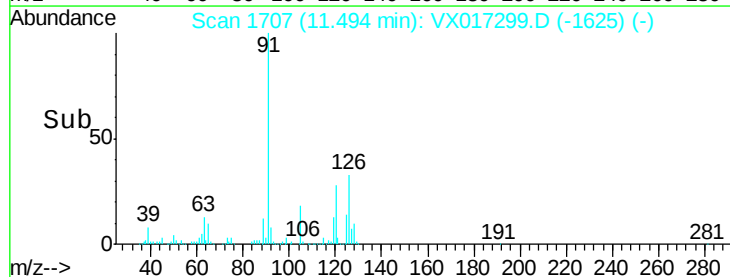
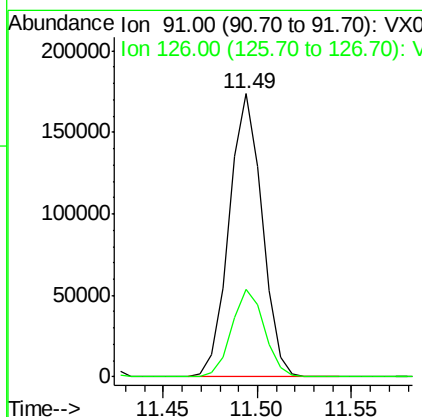
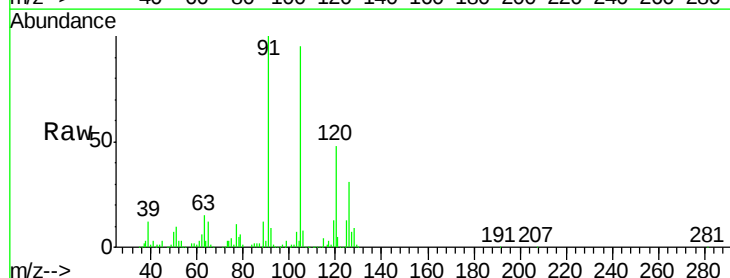
RT: 11.49 min Scan# 1707

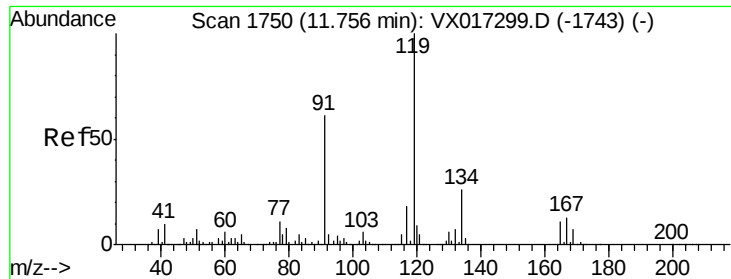
Delta R.T. 0.00 min

Lab File: VX017299.D

Acq: 09 Jul 2020 10:52

Tgt Ion:	91	Resp:	211089
Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.2





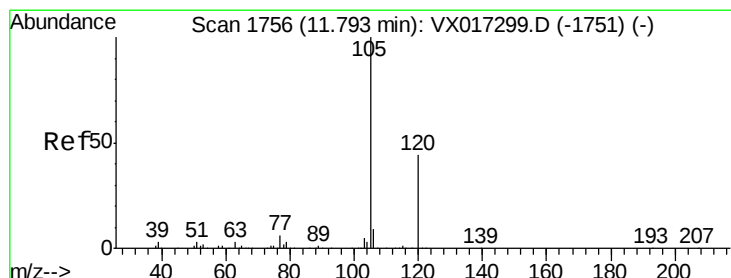
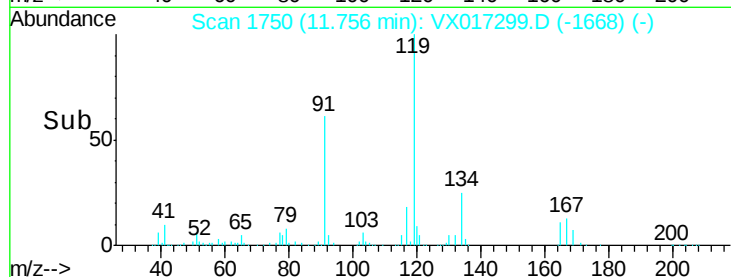
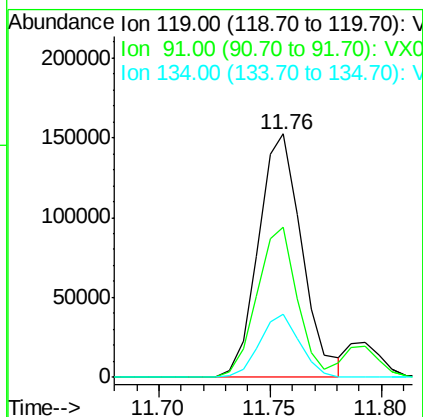
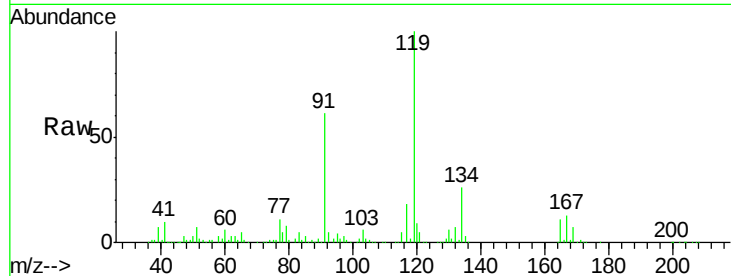
#79
tert-butylbenzene
Concen: 17.243 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206804		
91	56.8		0.0	113.6
134	24.0		0.0	48.0

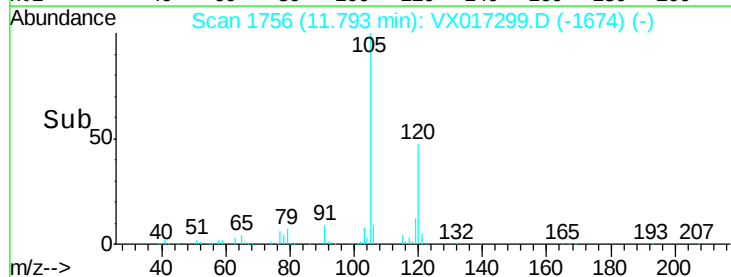
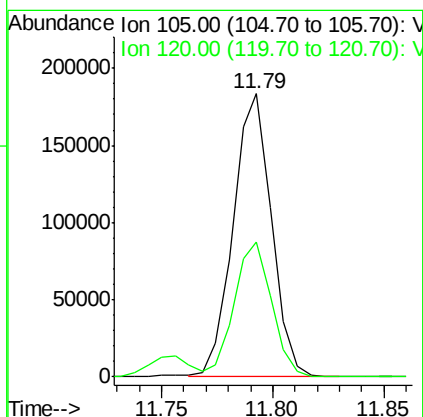
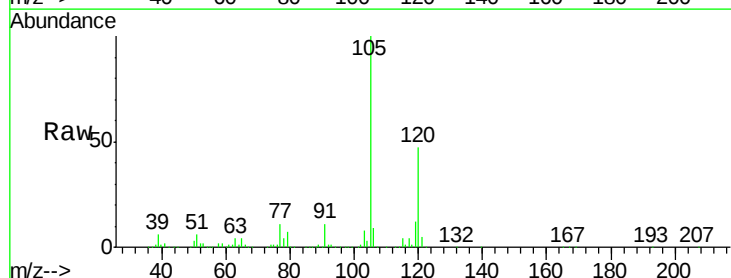
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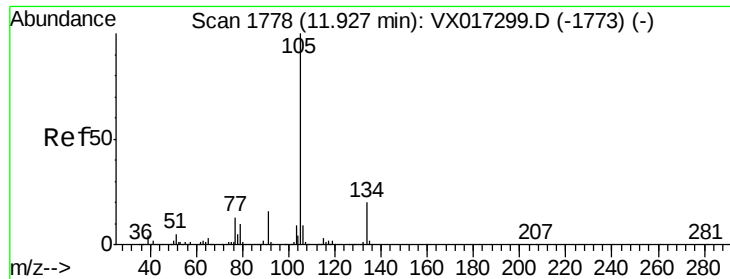
MMDadoda
7/10/2020 12:36:33 PM



#80
1,2,4-Trimethylbenzene
Concen: 17.439 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219443		
120	46.8		0.0	93.6





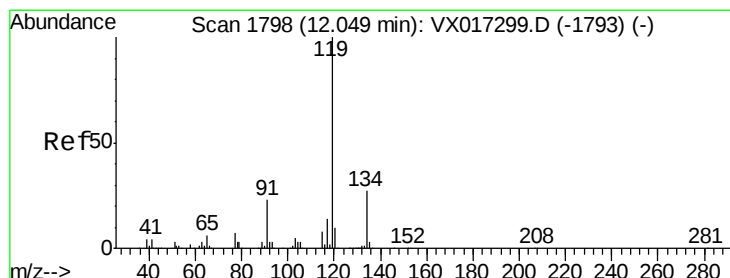
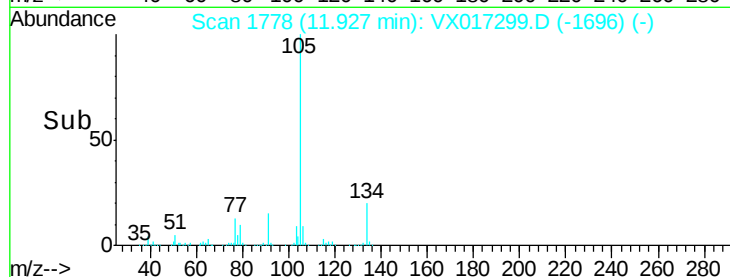
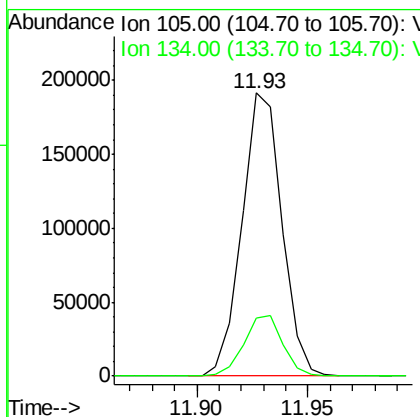
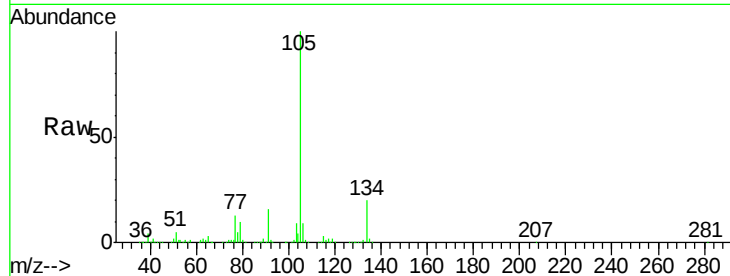
#81
 sec-Butylbenzene
 Concen: 16.634 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	240162		
134	20.9	0.0	41.8	

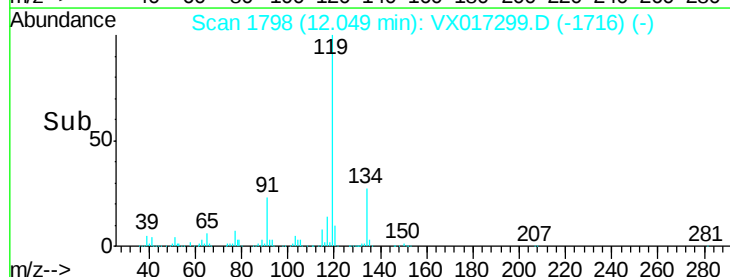
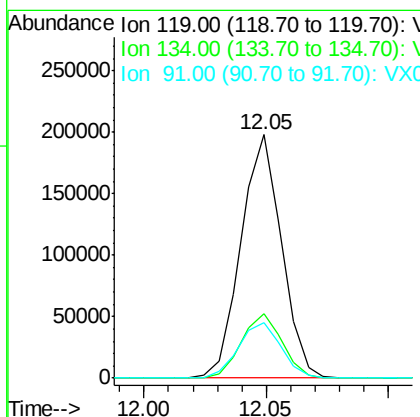
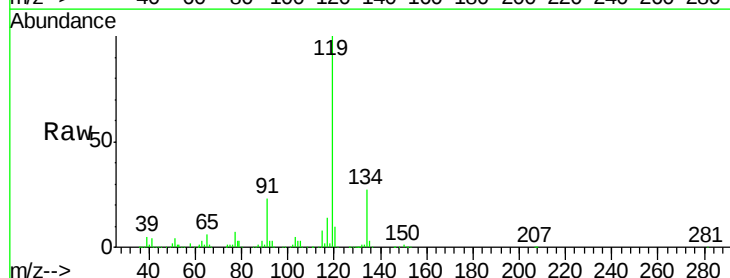
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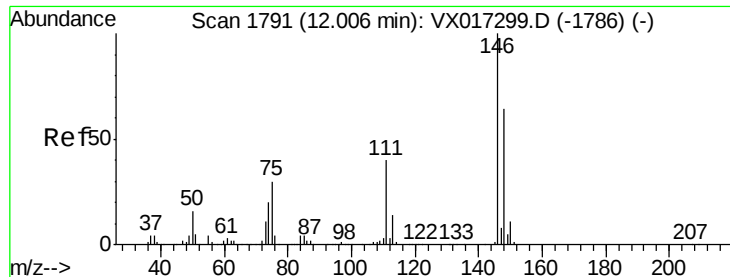
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#82
 p-Isopropyltoluene
 Concen: 17.284 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	226984		
134	26.8	0.0	53.6	
91	24.0	0.0	48.0	





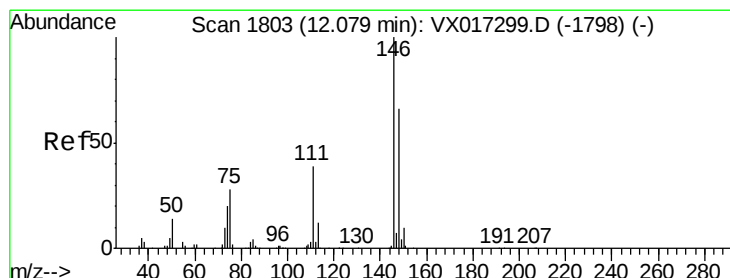
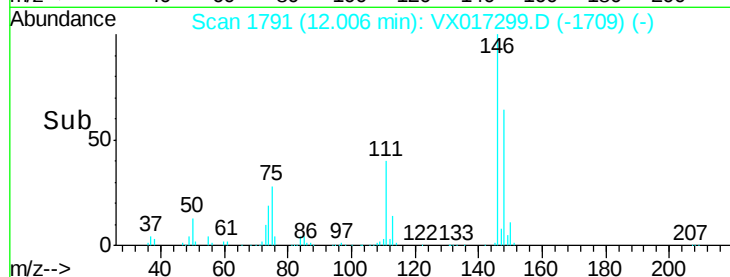
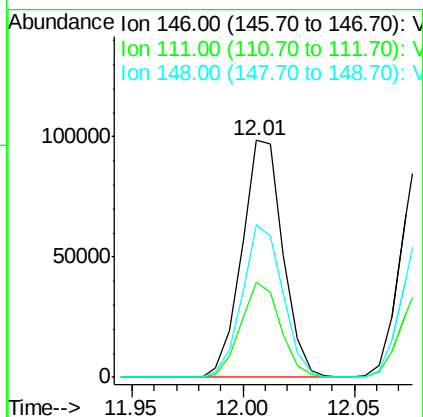
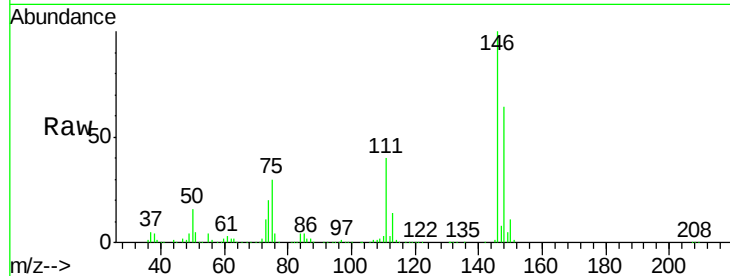
#83
 1,3-Dichlorobenzene
 Concen: 18.551 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	63.5	31.8	95.3

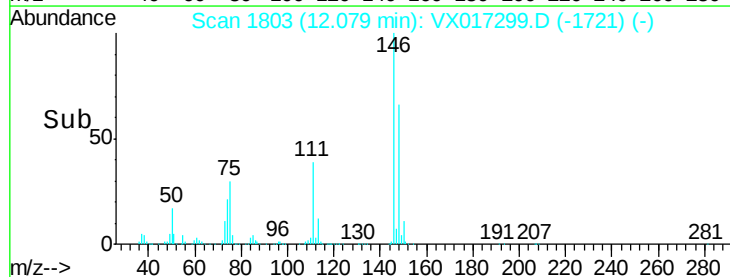
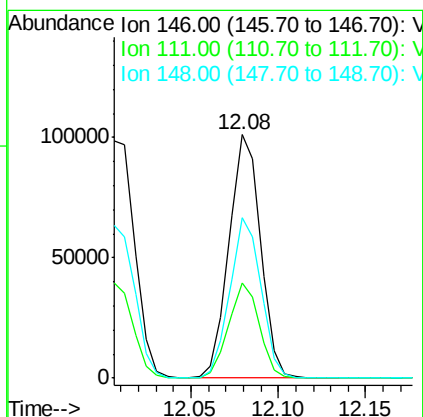
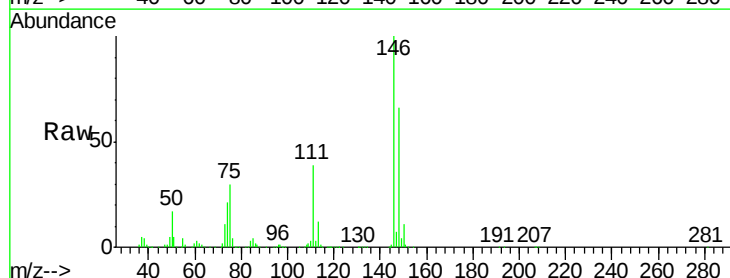
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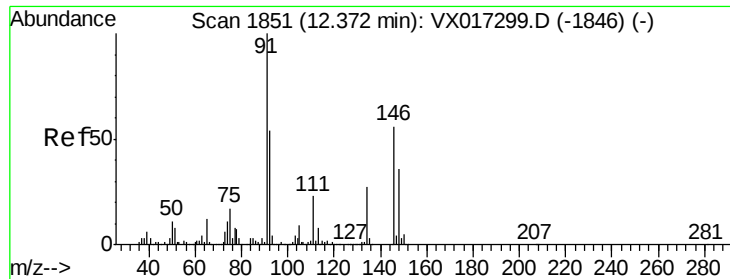
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#84
 1,4-Dichlorobenzene
 Concen: 18.482 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	65.2	32.6	97.8





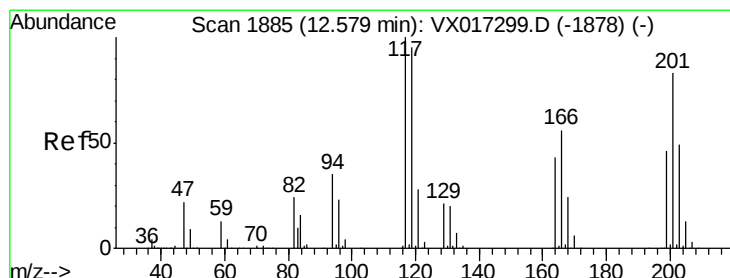
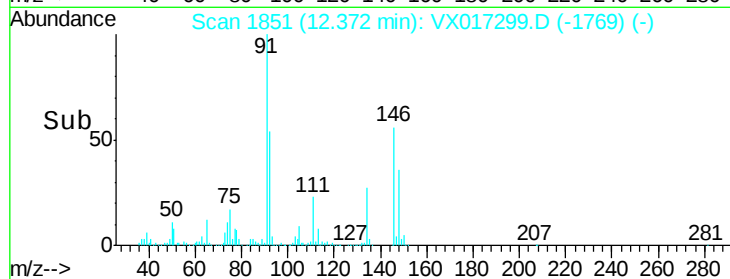
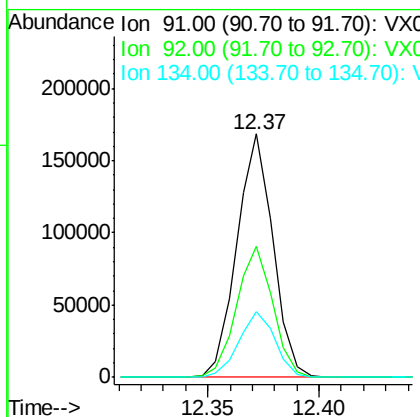
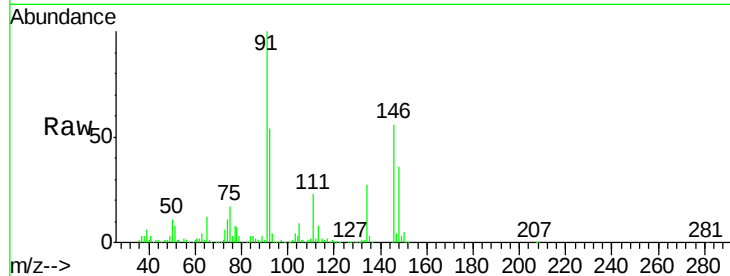
#85
n-Butylbenzene
Concen: 15.880 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	190264		
92	54.1	0.0	108.2	
134	27.1	0.0	54.2	

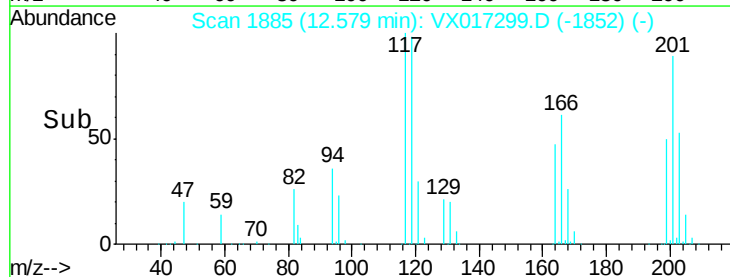
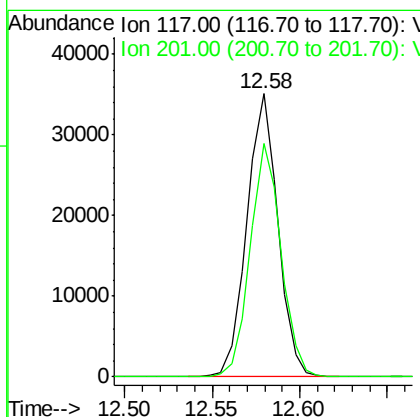
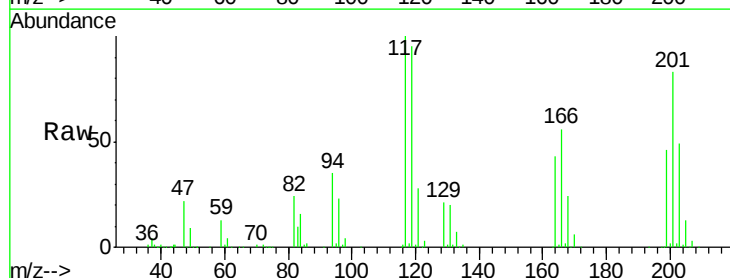
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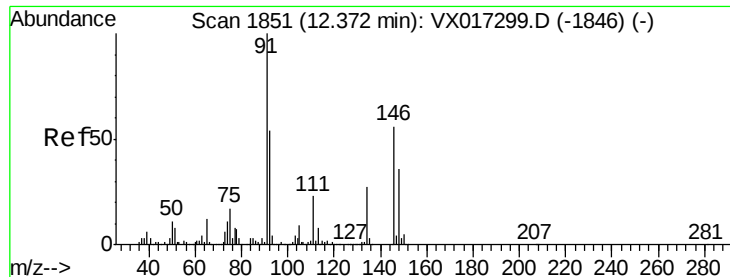
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#86
Hexachloroethane
Concen: 16.929 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43246		
201	82.0	41.0	123.0	





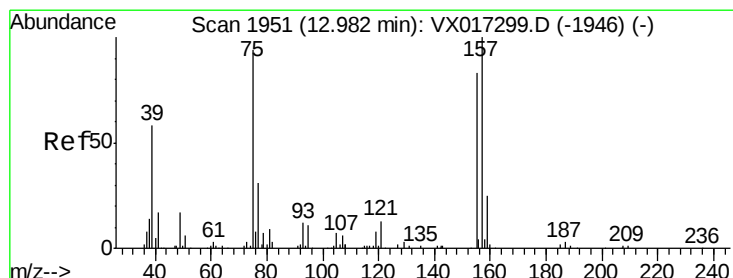
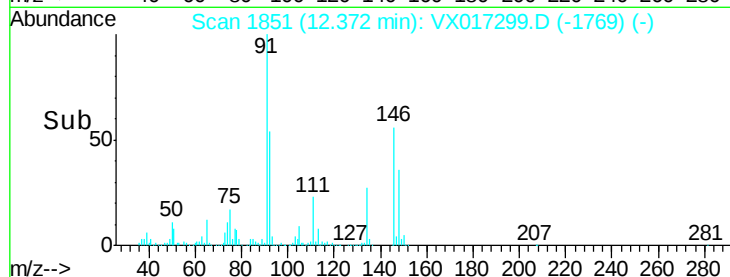
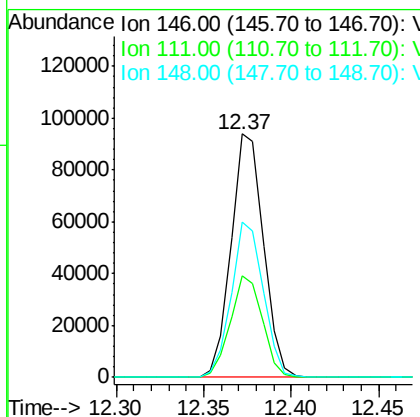
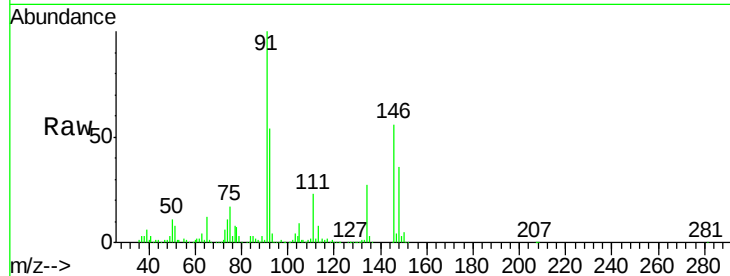
#87
 1,2-Dichlorobenzene
 Concen: 18.866 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	121172		
111	41.3	20.6	61.9	
148	63.2	31.6	94.8	

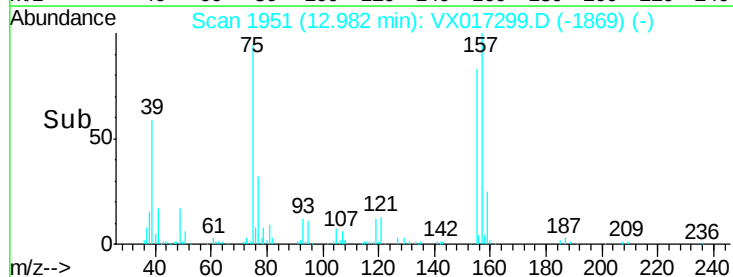
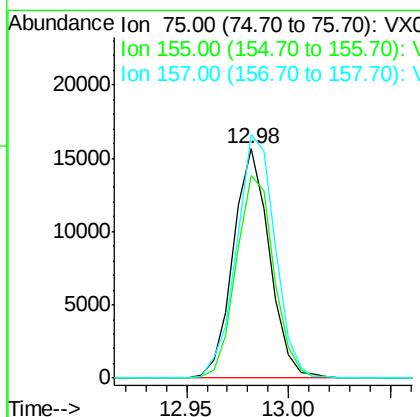
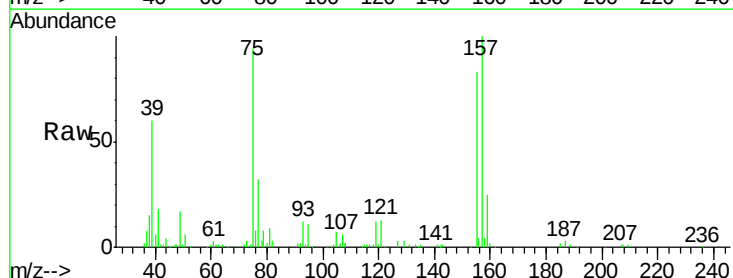
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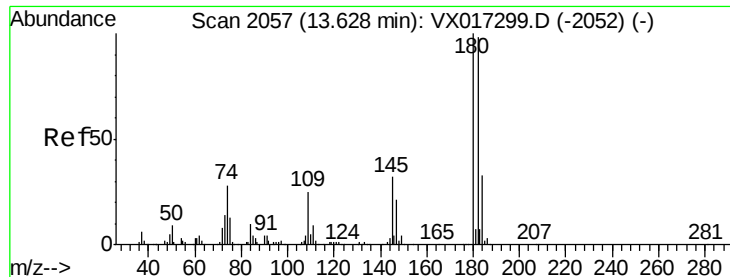
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.333 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017299.D
 Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19260		
155	91.7	73.4	110.0	
157	113.1	90.5	135.7	





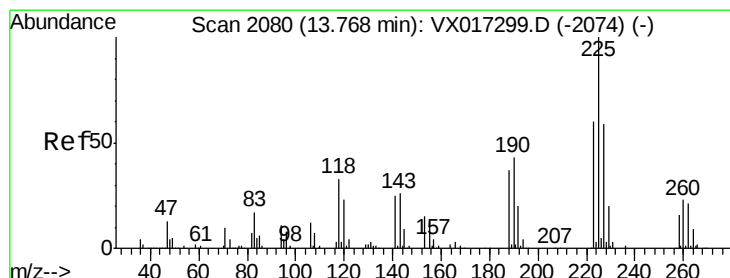
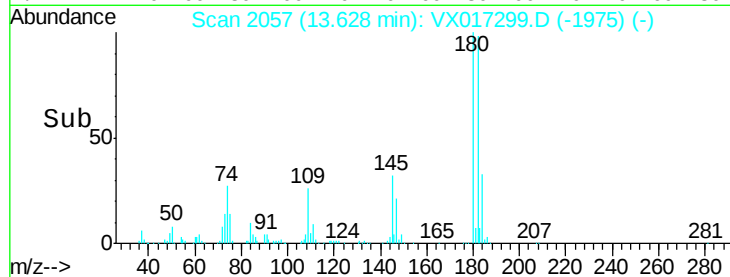
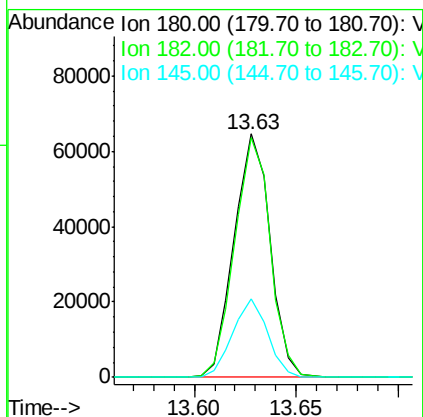
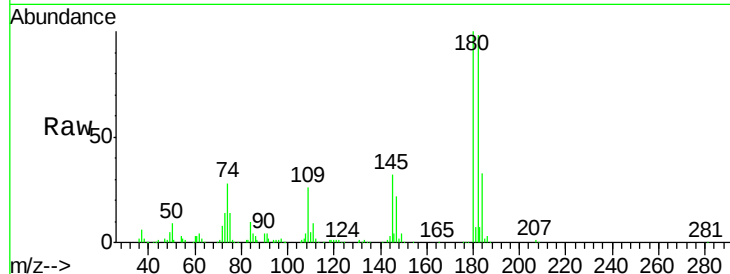
#89
1,2,4-Trichlorobenzene
Concen: 18.218 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.8	116.8
145	31.2	25.0	37.4

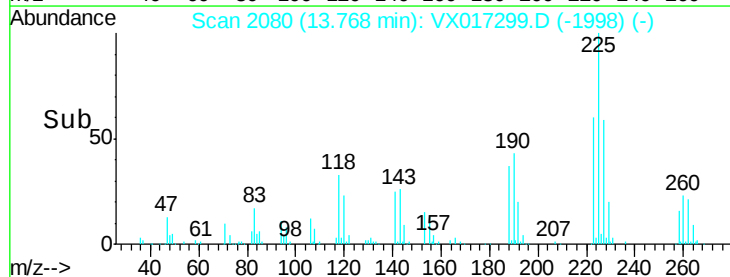
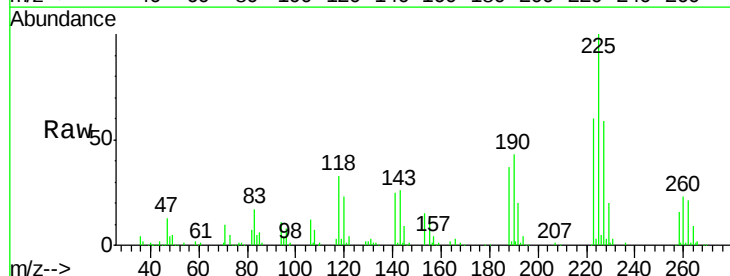
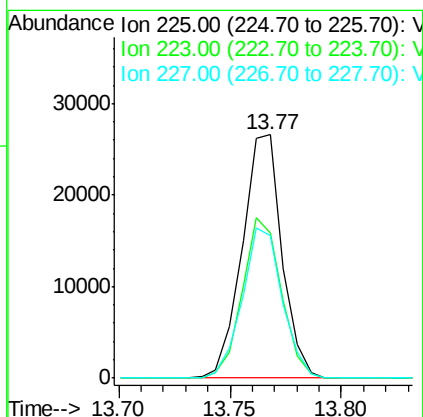
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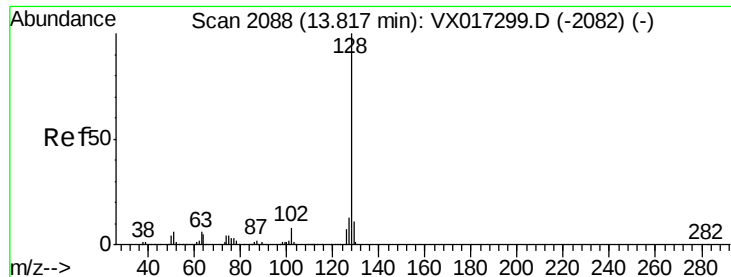
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#90
Hexachlorobutadiene
Concen: 19.694 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	0.0	129.0
227	62.2	0.0	124.4





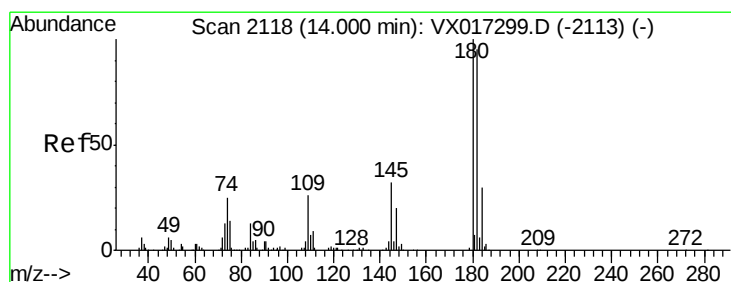
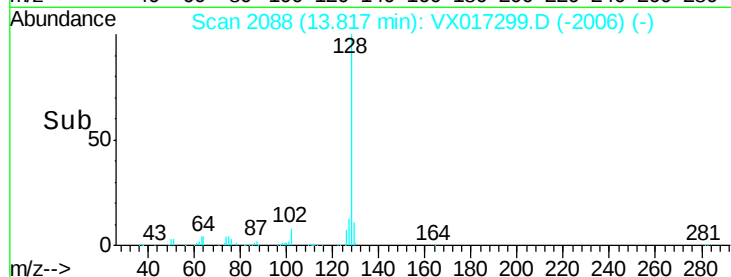
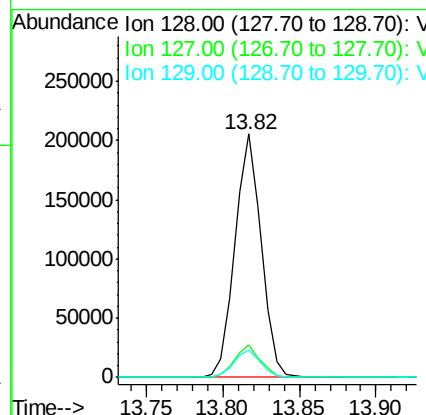
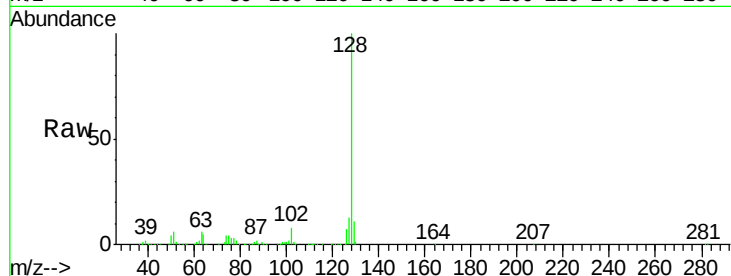
#91
Naphthalene
Concen: 17.468 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.2	9.0	13.4

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.048 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017299.D
Acq: 09 Jul 2020 10:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	0.0	185.6
145	31.5	0.0	63.0

