

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017298.D
 Acq On : 09 Jul 2020 10:29
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:36:32 PM

Quant Time: Jul 09 11:57:26 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	58348	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	309025	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	291154	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	128054	28.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.53%
60) 4-Bromofluorobenzene	11.12	95	143352	29.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.60%
63) Toluene-d8	8.70	98	380849	29.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	15305	5.398	ug/l 98
3) Chloromethane	1.31	50	14124	3.925	ug/l 94
4) Vinyl Chloride	1.39	62	15472	4.209	ug/l 99
5) Bromomethane	1.63	94	11576	4.418	ug/l 91
6) Chloroethane	1.71	64	10205	4.267	ug/l 94
7) Trichlorofluoromethane	1.92	101	27824	4.534	ug/l 89
8) Diethyl Ether	2.17	74	9862	4.466	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	15690	4.808	ug/l 98
10) 1,1-Dichloroethene	2.36	96	14889	4.669	ug/l 94
11) Methyl Iodide	2.49	142	11088	2.628	ug/l 99
12) Methyl Acetate	2.75	43	18684	4.545	ug/l 97
13) Acrolein	2.27	56	10270	16.150	ug/l 99
14) Acrylonitrile	3.11	53	42842	22.307	ug/l 99
15) Acetone	2.42	58	10869	22.048	ug/l 91
16) Carbon Disulfide	2.55	76	35658	3.596	ug/l 96
17) Allyl chloride	2.70	41	27177	4.589	ug/l 92
18) Methylene Chloride	2.83	84	19447	5.030	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	16801	4.577	ug/l 94
20) Diisopropyl ether	3.82	45	53168	4.433	ug/l 88
21) 1,1-Dichloroethane	3.67	63	30484	4.615	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	19607	4.822	ug/l 96
23) tert-Butyl Alcohol	3.01	59	16656	19.850	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	53514	4.648	ug/l 98
25) Chloroform	5.17	83	31862	4.714	ug/l 94
26) Cyclohexane	5.54	56	22700	3.988	ug/l # 100
29) 1,1-Dichloropropene	5.76	75	21632	4.435	ug/l 86
30) 2-Butanone	4.64	43	55736	21.887	ug/l # 98
31) 2,2-Dichloropropane	4.54	77	29710	5.261	ug/l # 86
32) 1,1,1-Trichloroethane	5.46	97	29077	4.873	ug/l 98
33) Carbon Tetrachloride	5.74	117	27617	5.184	ug/l 98
34) Benzene	6.11	78	66357	4.680	ug/l 97
35) Methacrylonitrile	5.00	41	12895	4.591	ug/l 95
36) 1,2-Dichloroethane	6.17	62	26072	4.771	ug/l # 90
37) Trichloroethene	7.19	130	20526	5.220	ug/l 99
38) Methylcyclohexane	7.44	83	22533	4.088	ug/l 97
39) 1,2-Dichloropropane	7.49	63	17106	4.621	ug/l 96
40) Dibromomethane	7.63	93	12673	4.949	ug/l 99

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

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 7/10/2020 12:36:32 PM

Quant Time: Jul 09 11:57:26 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)

41) Bromodichloromethane	7.87	83	25759	4.855	ug/l	91
42) Vinyl Acetate	3.78	43	219268	21.542	ug/l	100
43) Ethyl Acetate	4.79	43	21577	4.114	ug/l	97
44) Isopropyl Acetate	6.41	43	37053	4.290	ug/l	100
45) 1,4-Dioxane	7.71	88	6887	80.854	ug/l #	88
46) Methyl methacrylate	7.74	41	16640	4.133	ug/l	92
47) n-amyl Acetate	10.88	43	29989	3.932	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	27552	4.687	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	28606	4.639	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	18813	5.193	ug/l	96
51) Ethyl methacrylate	9.16	69	23224	4.243	ug/l	91
52) 1,3-Dichloropropane	9.35	76	29213	4.775	ug/l	98
53) Dibromochloromethane	9.56	129	22034	5.242	ug/l	97
54) 1,2-Dibromoethane	9.65	107	19210	4.999	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	22983	7.971	ug/l	97
56) Bromoform	10.84	173	17008	5.611	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	109908	21.125	ug/l	98
59) 2-Hexanone	9.47	43	83929	21.570	ug/l	98
61) Tetrachloroethene	9.32	164	21847	5.861	ug/l	93
62) Toluene	8.76	91	73423	4.747	ug/l	100
64) Chlorobenzene	10.12	112	49262	5.032	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	20310	5.463	ug/l	95
66) Ethyl Benzene	10.23	91	78818	4.592	ug/l	99
67) m/p-Xylenes	10.34	106	60138	9.215	ug/l	99
68) o-Xylene	10.68	106	27706	4.463	ug/l	97
69) Styrene	10.70	104	47786	4.443	ug/l	98
70) Isopropylbenzene	11.00	105	78754	4.628	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	25161	4.798	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	25597m	5.078	ug/l	
73) Bromobenzene	11.24	156	22760	5.226	ug/l	98
74) n-propylbenzene	11.34	91	92179	4.592	ug/l	98
75) 2-Chlorotoluene	11.40	91	56795	4.793	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	65511	4.570	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	8396	4.139	ug/l	97
78) 4-Chlorotoluene	11.49	91	67533	4.823	ug/l	99
79) tert-butylbenzene	11.76	119	62878	4.587	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	66025	4.591	ug/l	99
81) sec-Butylbenzene	11.93	105	75199	4.557	ug/l	99
82) p-Isopropyltoluene	12.05	119	69959	4.661	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	42646	5.451	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	44235	5.629	ug/l	95
85) n-Butylbenzene	12.37	91	60157	4.393	ug/l	97
86) Hexachloroethane	12.58	117	14074	4.820	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	40296	5.489	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	5664	4.717	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	26529	5.345	ug/l	99
90) Hexachlorobutadiene	13.77	225	12459	6.473	ug/l	97
91) Naphthalene	13.82	128	70526	4.411	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	26397	5.419	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Time: Jul 09 11:57:26 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

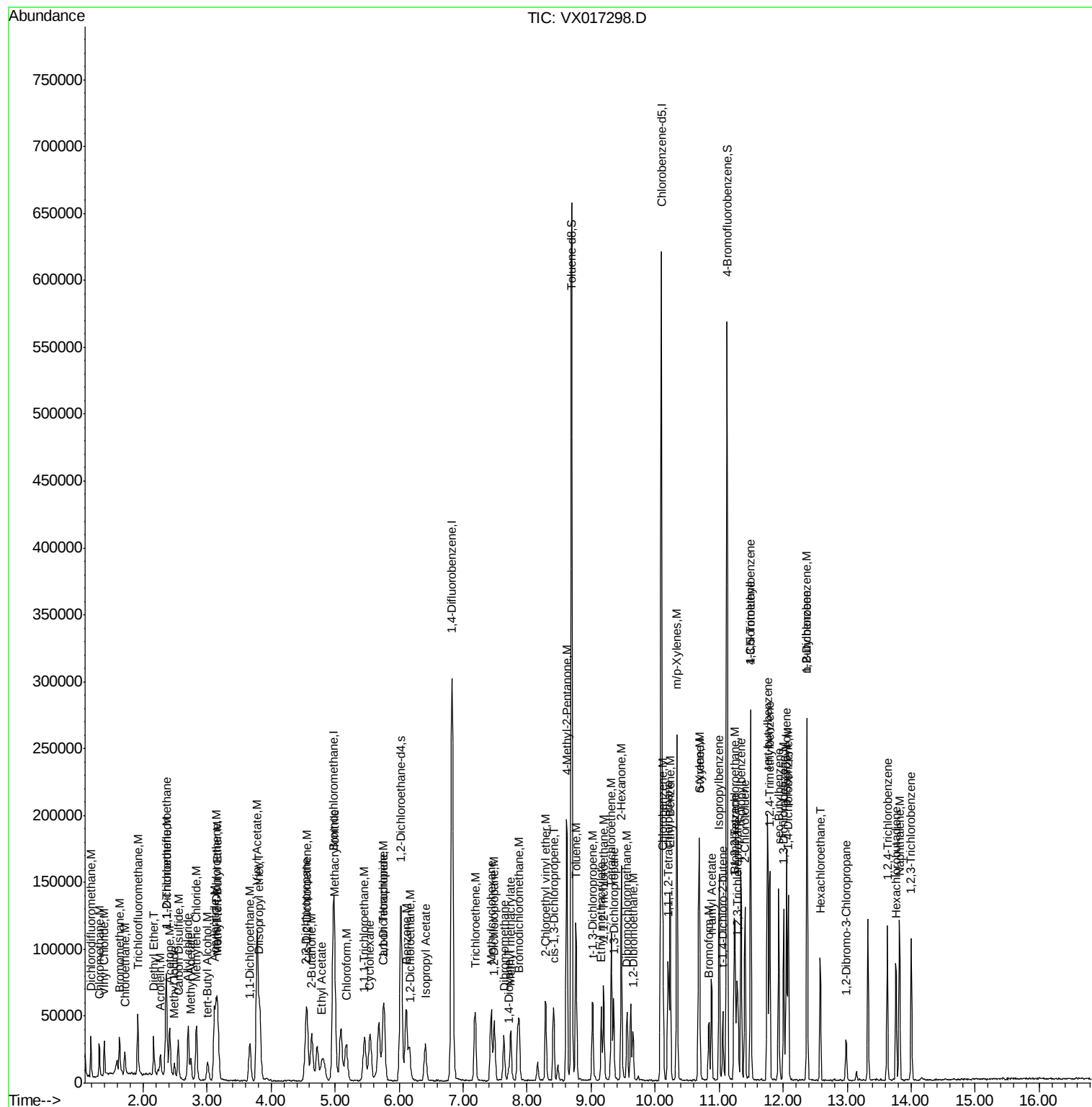
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Data File : VX017298.D
Acq On : 09 Jul 2020 10:29
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

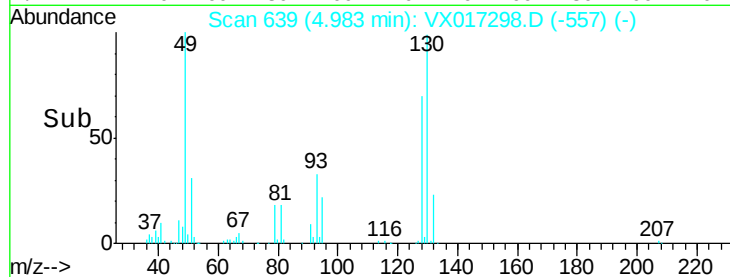
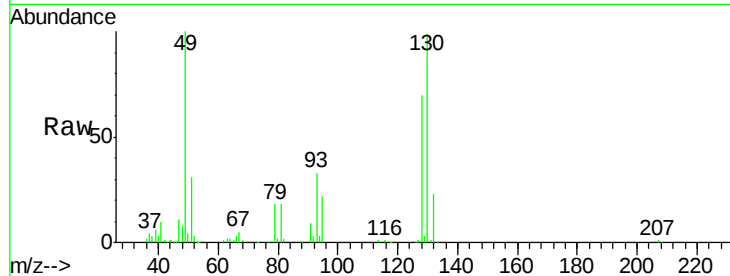
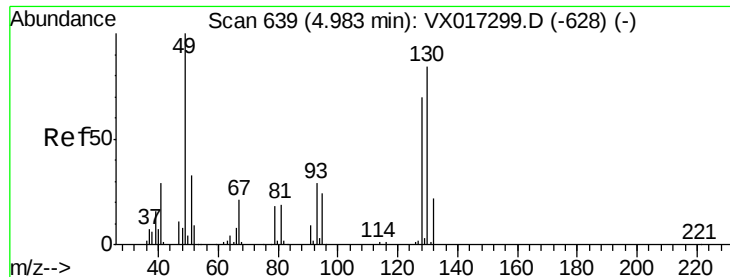
Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

Manual Integrations
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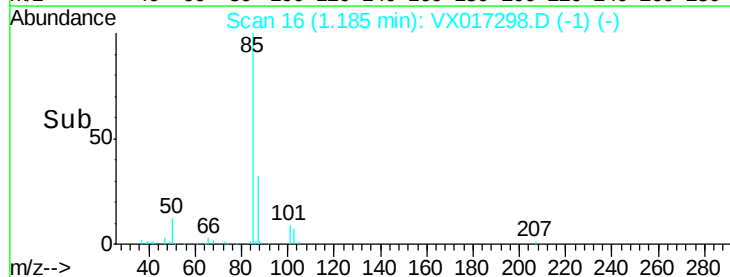
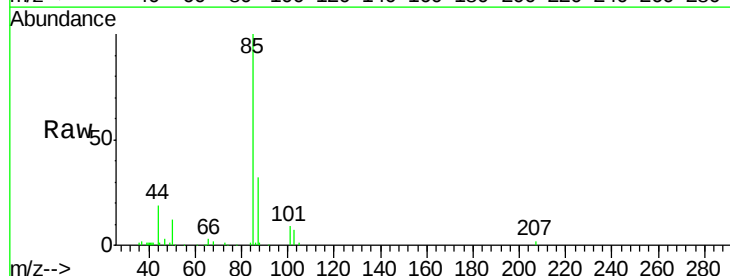
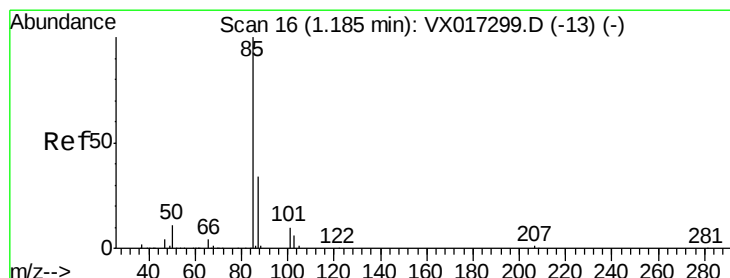
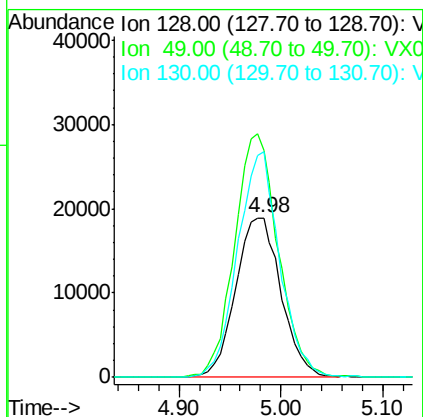
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tot Ion	Ratio	Lower	Upper
128	100		
49	146.9	0.0	358.8
130	131.8	0.0	323.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

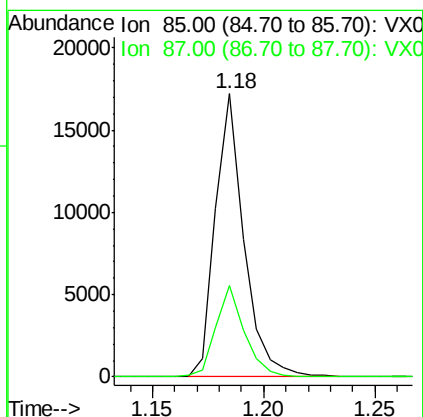
Manual Integrations
APPROVED

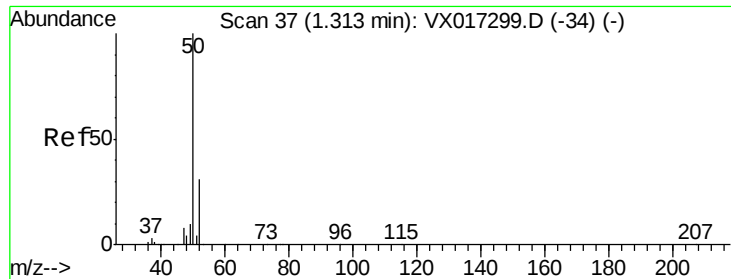
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#2
Dichlorodifluoromethane
Concen: 5.398 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.9	50.6





#3

Chloromethane

Concen: 3.925 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 14124

Ion Ratio Lower Upper

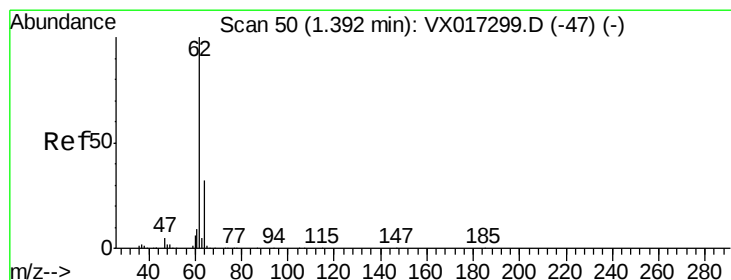
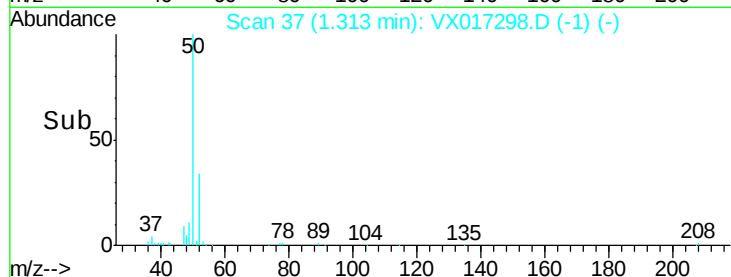
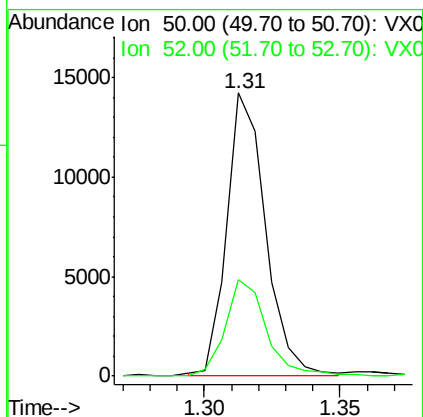
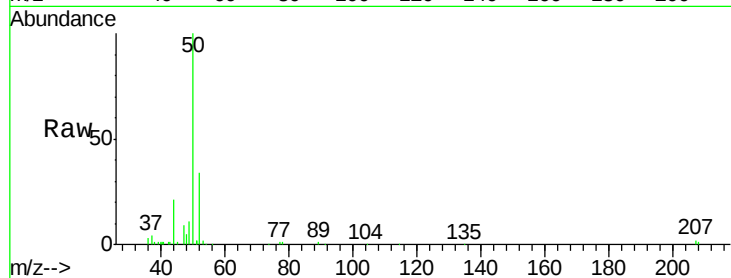
50 100

52 34.2 24.8 37.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 4.209 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017298.D

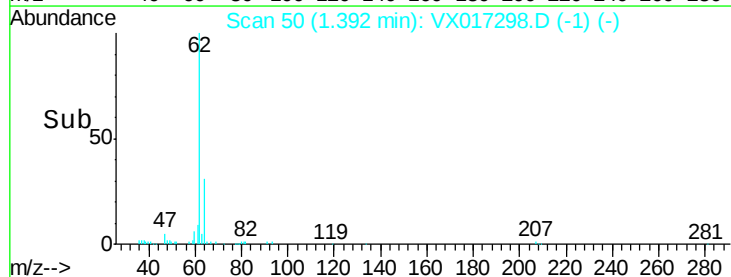
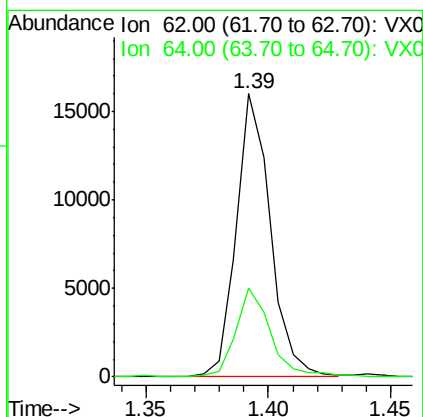
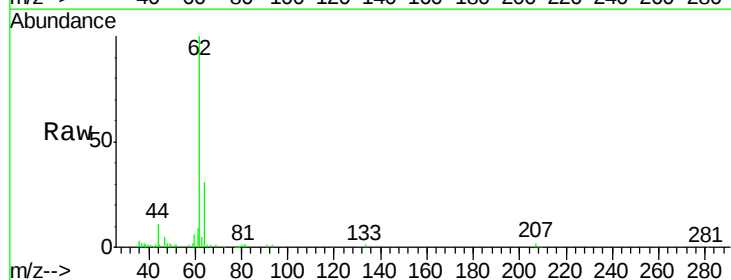
Acq: 09 Jul 2020 10:29

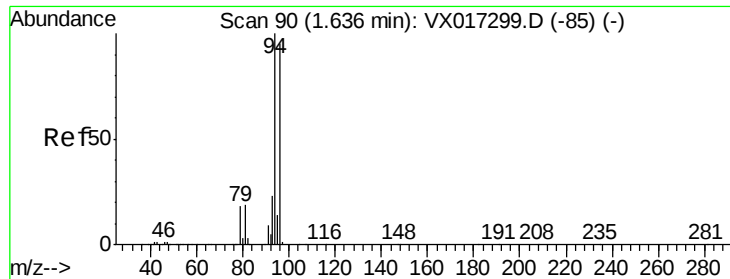
Tgt Ion: 62 Resp: 15472

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 4.418 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 11576

Ion Ratio Lower Upper

94 100

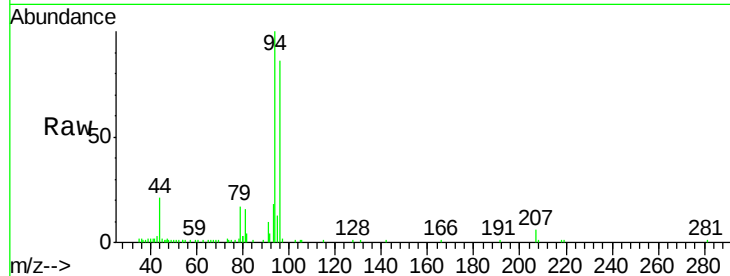
96 85.9 75.7 113.5

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

10000

8000

6000

4000

2000

0

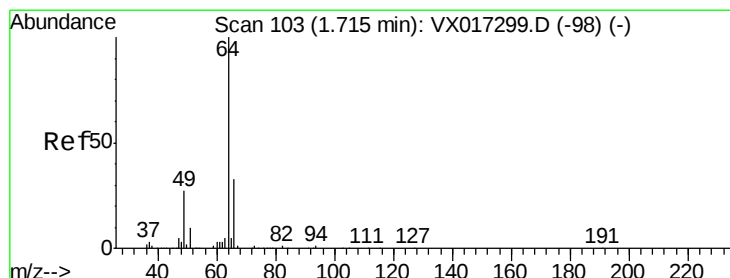
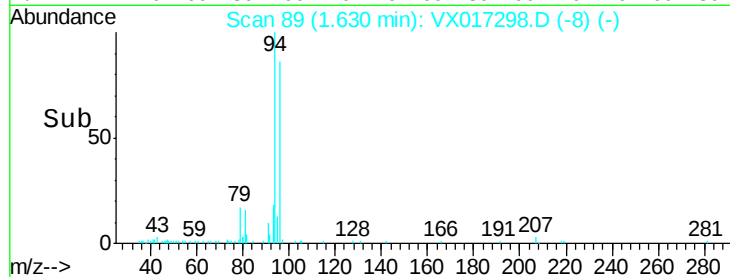
1.60

1.63

1.65

1.70

Time-->



#6

Chloroethane

Concen: 4.267 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017298.D

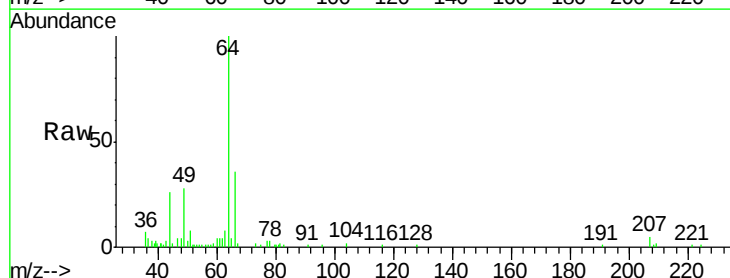
Acq: 09 Jul 2020 10:29

Tgt Ion: 64 Resp: 10205

Ion Ratio Lower Upper

64 100

66 35.7 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

8000

6000

4000

2000

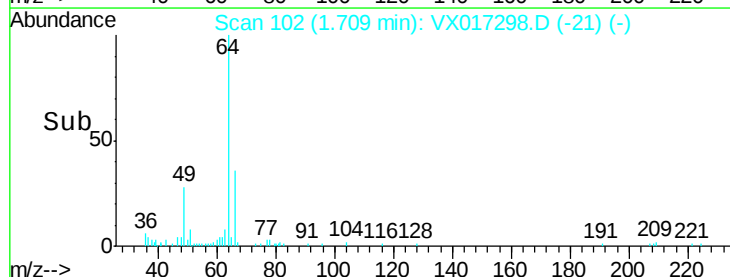
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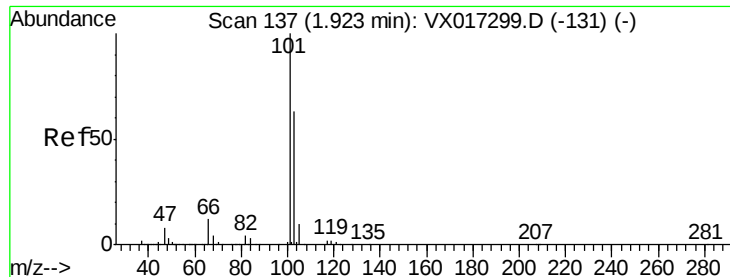
1.65

1.71

1.75

Time-->





#7

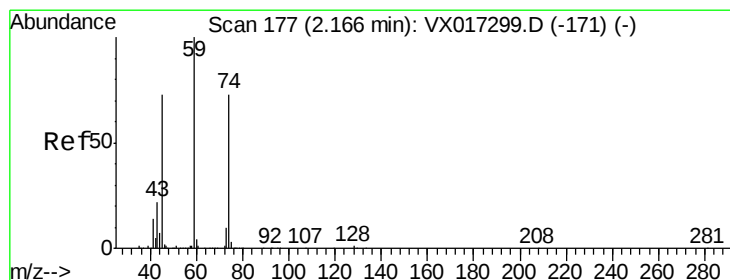
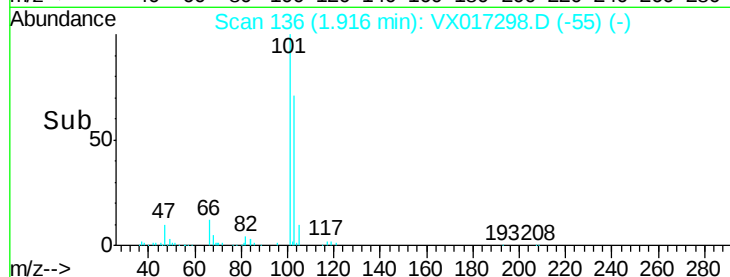
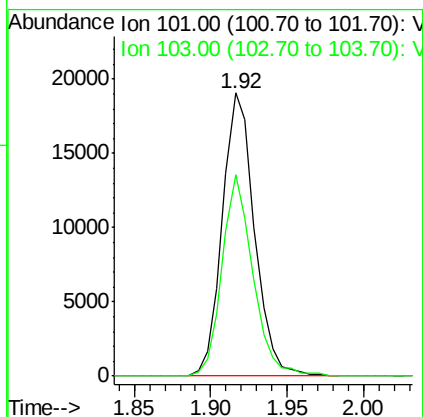
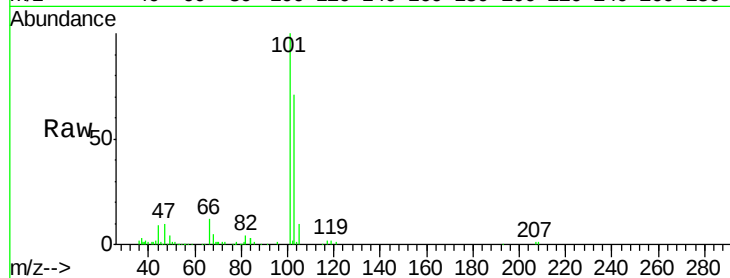
Trichlorofluoromethane
Concen: 4.534 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	71.2	50.1	75.1

Manual Integrations
APPROVED

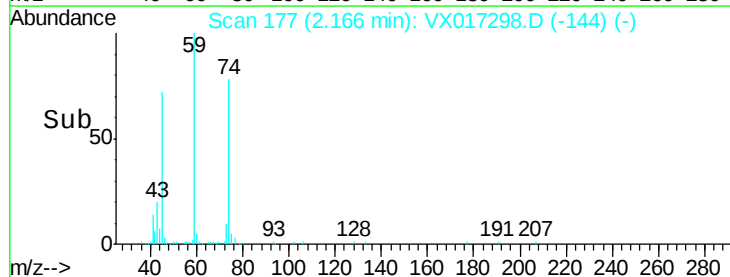
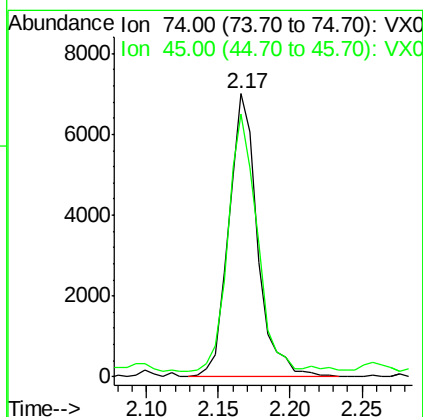
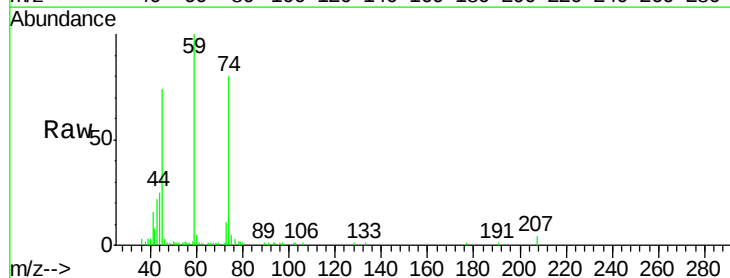
MMDadoda
7/10/2020 12:36:32 PM

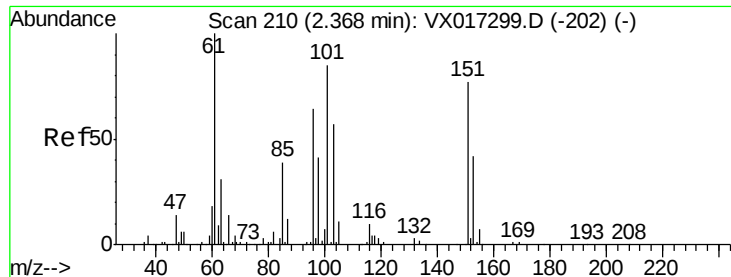


#8

Diethyl Ether
Concen: 4.466 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.4	18.9	170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.808 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

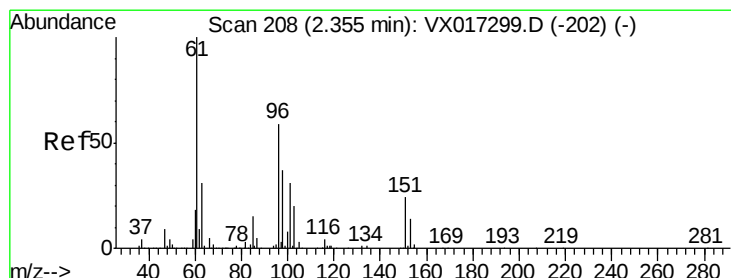
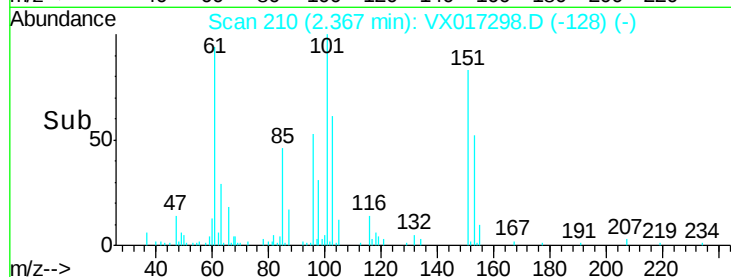
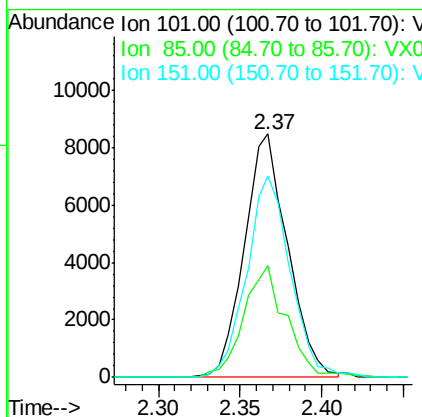
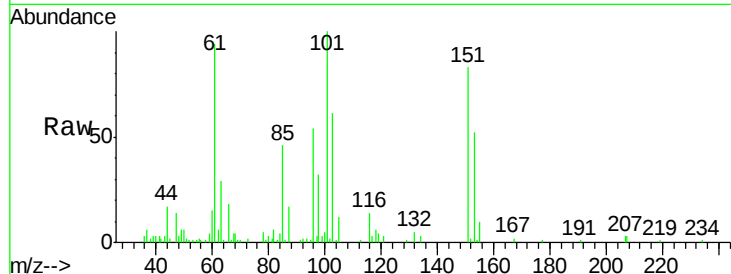
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	15690
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	87.8
151	82.9	0.0	170.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 4.669 ug/l

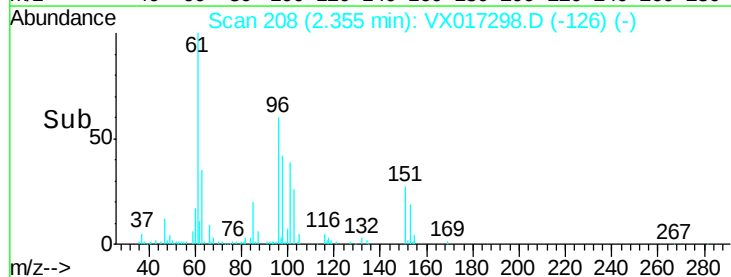
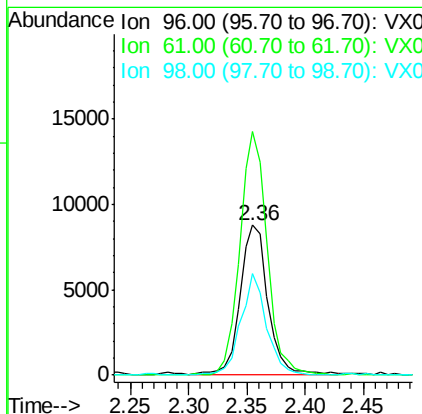
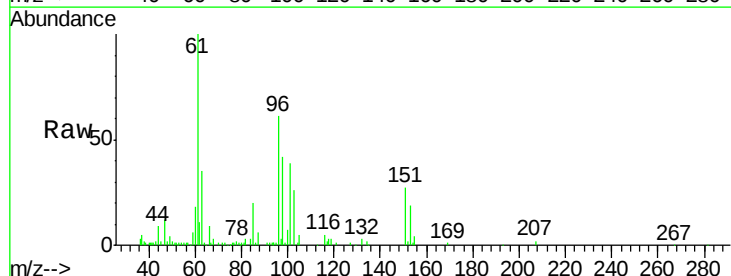
RT: 2.36 min Scan# 208

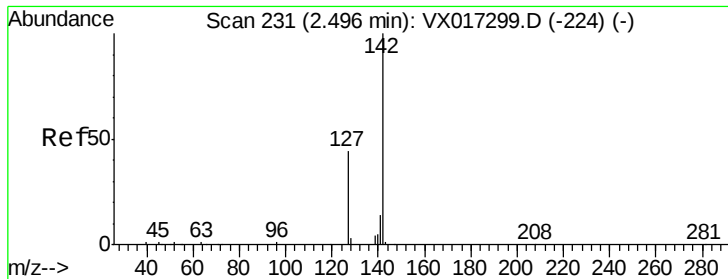
Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	96	Resp:	14889
Ion Ratio	Lower	Upper	
96	100		
61	162.8	137.0	205.4
98	68.3	51.1	76.7





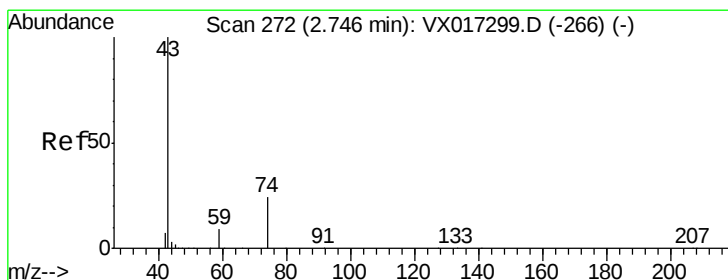
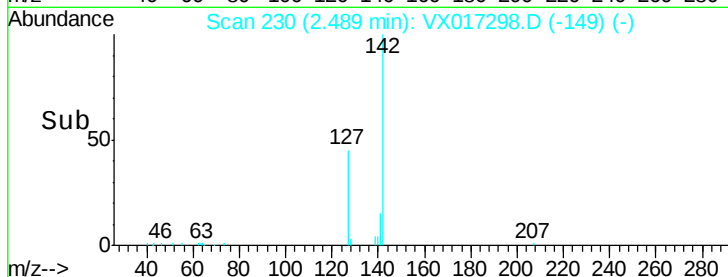
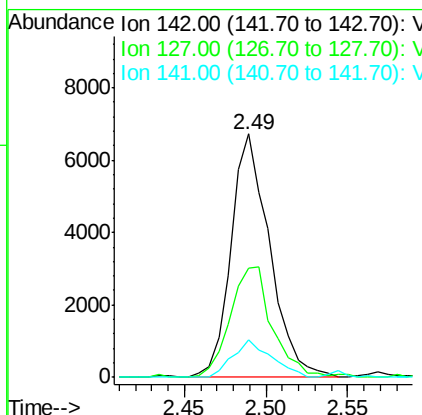
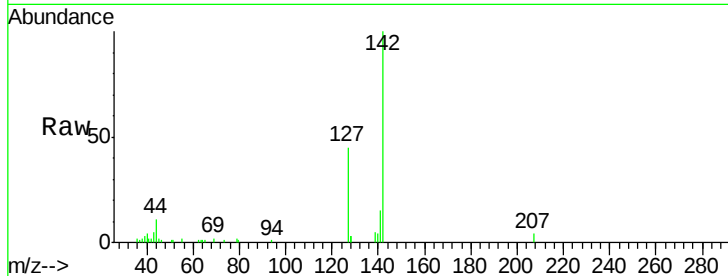
#11
Methvl Iodide
Concen: 2.628 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.5	21.9	65.7
141	14.0	7.0	21.1

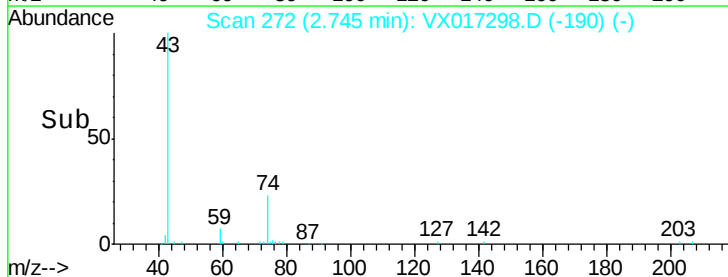
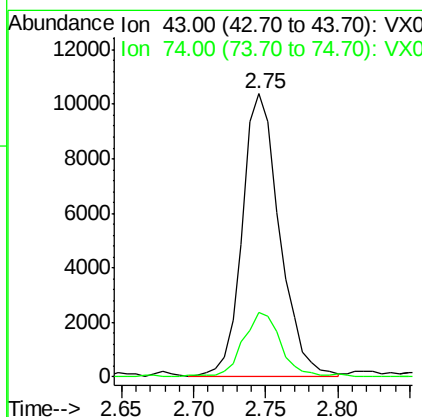
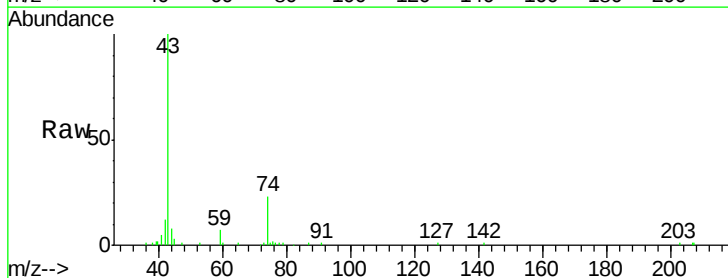
Manual Integrations
APPROVED

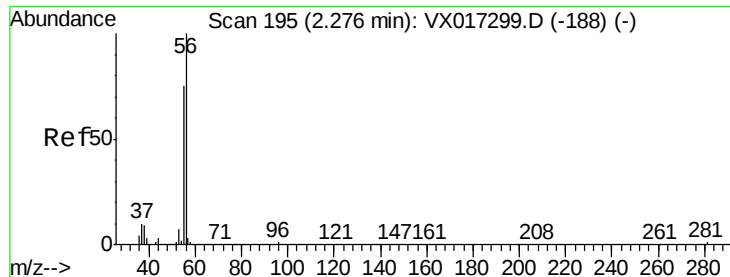
MMDadoda
7/10/2020 12:36:32 PM



#12
Methyl Acetate
Concen: 4.545 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.8	28.2





#13

Acrolein

Concen: 16.150 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 10270

Ion Ratio Lower Upper

56 100

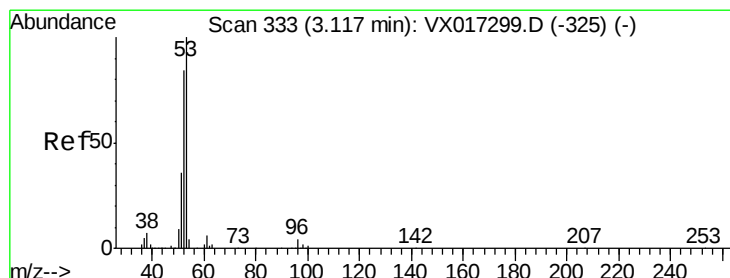
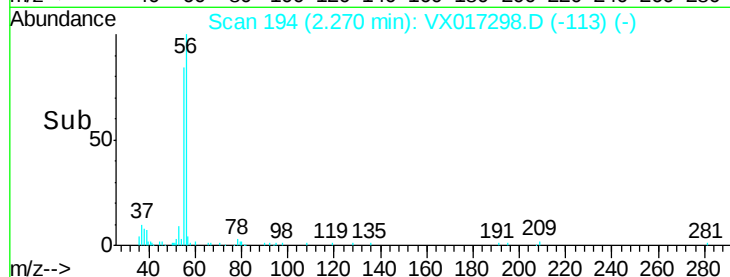
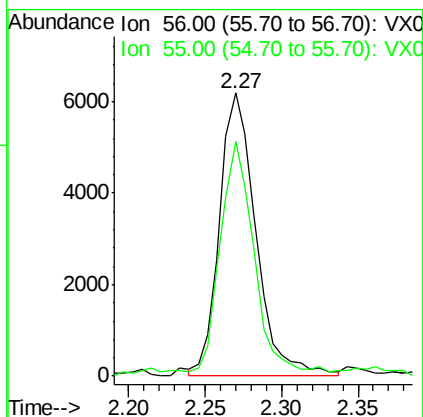
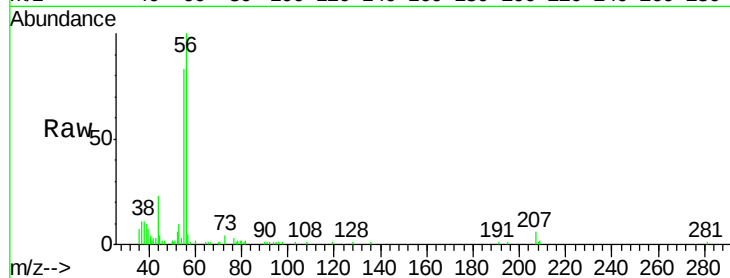
55 72.5 58.5 87.7

Manual Integrations

APPROVED

MMDadoda

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#14

Acrylonitrile

Concen: 22.307 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

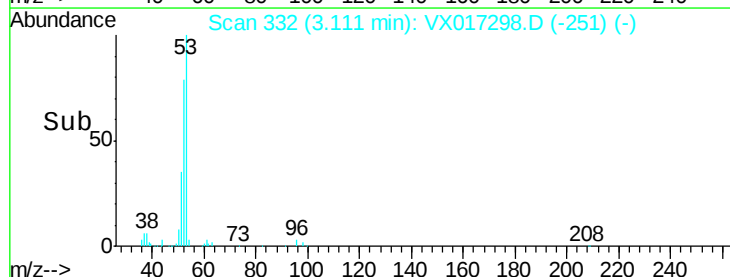
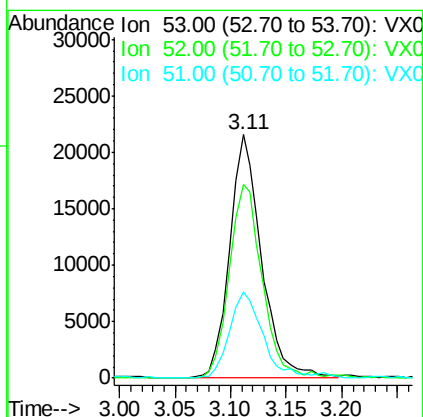
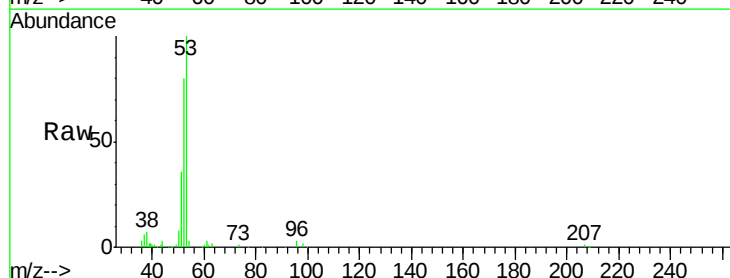
Tgt Ion: 53 Resp: 42842

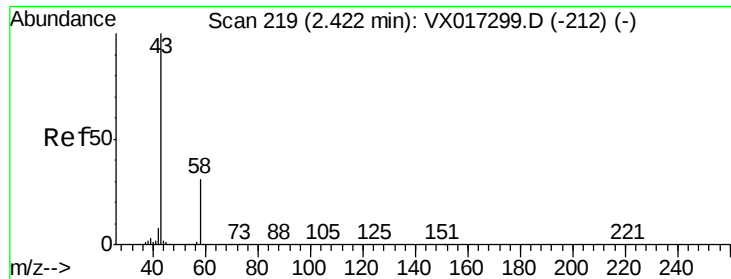
Ion Ratio Lower Upper

53 100

52 81.1 41.3 123.9

51 36.6 18.1 54.1





#15

Acetone

Concen: 22.048 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 10869

Ion Ratio Lower Upper

58 100

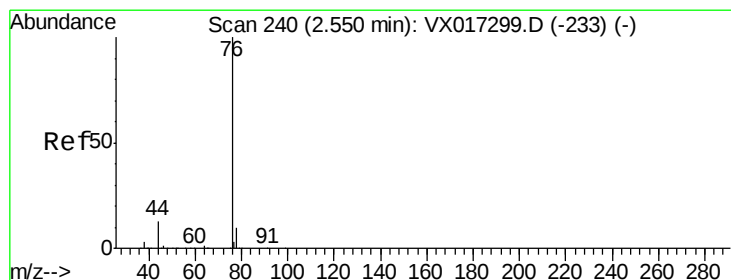
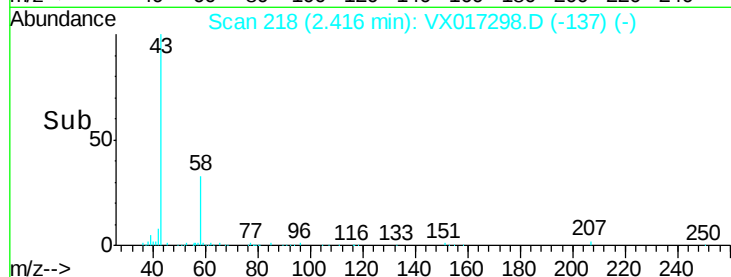
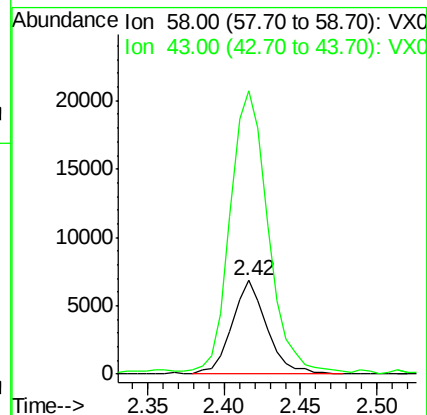
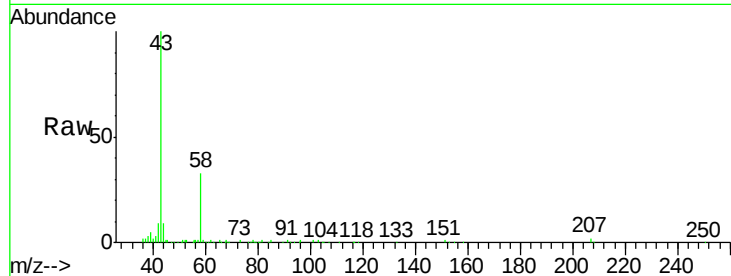
43 299.9 255.0 382.4

Manual Integrations

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#16

Carbon Disulfide

Concen: 3.596 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017298.D

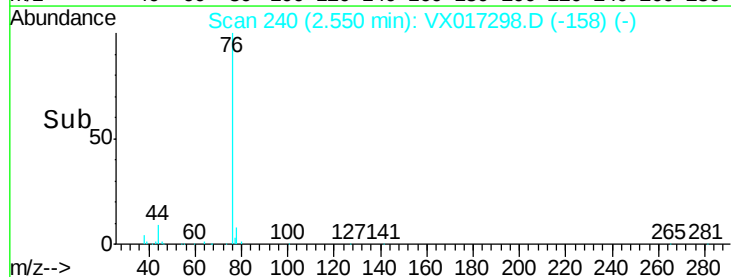
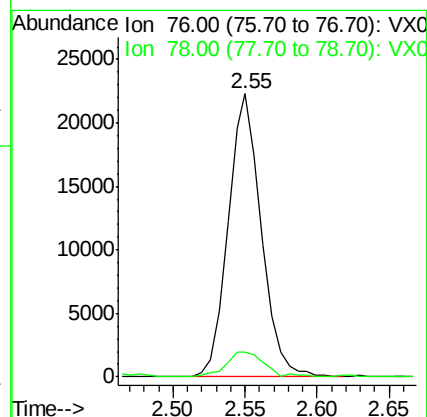
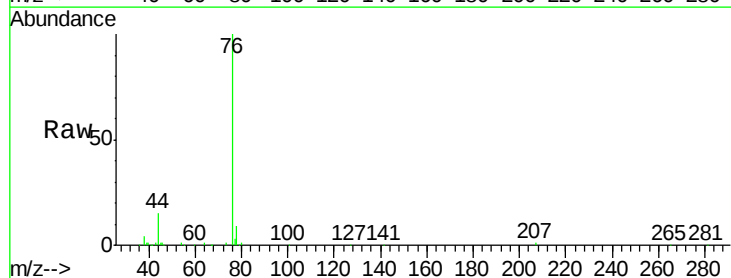
Acq: 09 Jul 2020 10:29

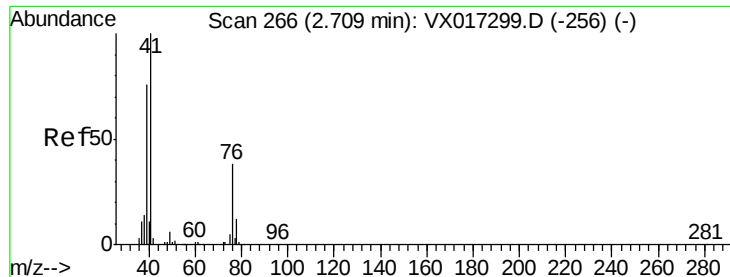
Tgt Ion: 76 Resp: 35658

Ion Ratio Lower Upper

76 100

78 8.6 7.9 11.9





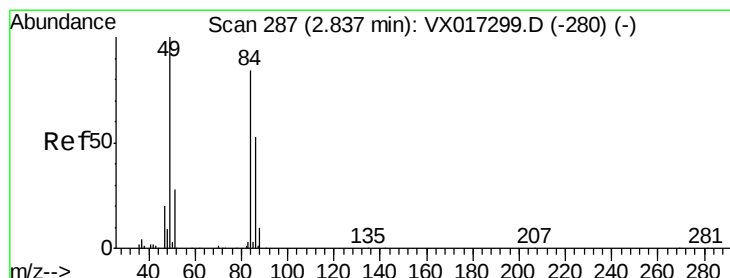
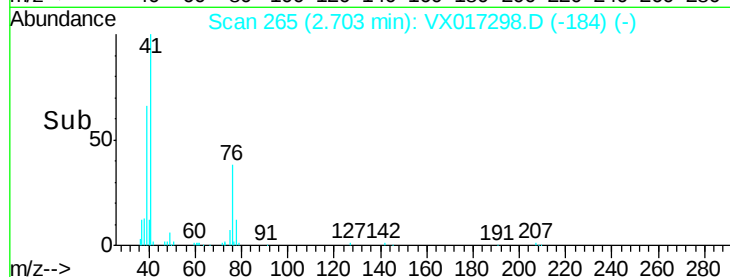
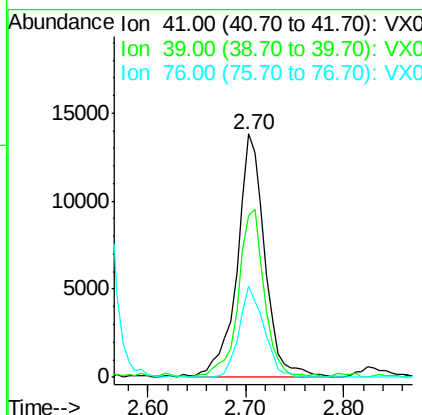
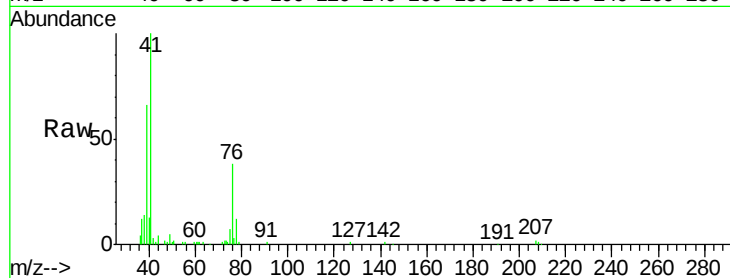
#17
Allvl chloride
Concen: 4.589 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	27177
Ion	Ratio	Lower	Upper
41	100		
39	66.7	38.1	114.5
76	37.9	18.8	56.4

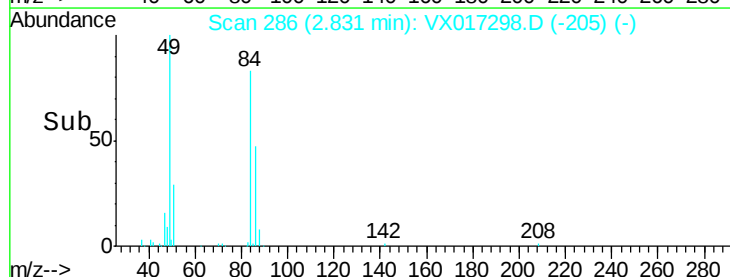
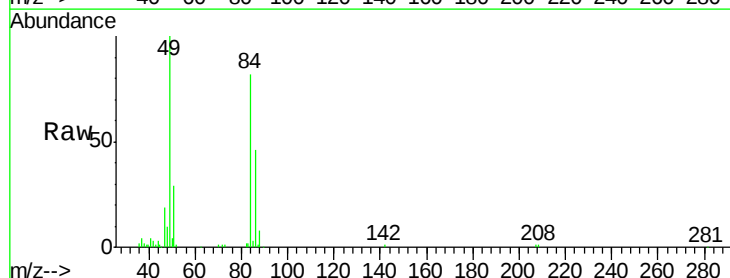
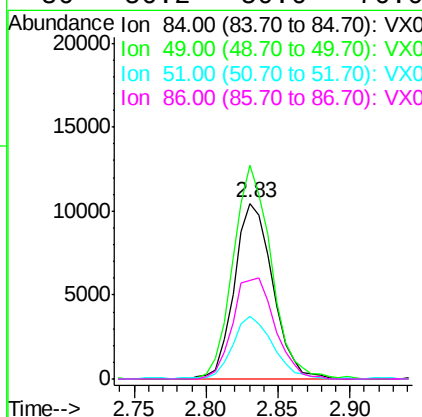
Manual Integrations
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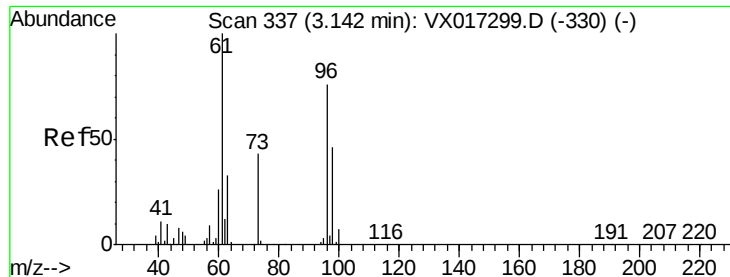
MMDadoda
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#18
Methylene Chloride
Concen: 5.030 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion:	84	Resp:	19447
Ion	Ratio	Lower	Upper
84	100		
49	121.4	95.7	143.5
51	35.6	27.2	40.8
86	56.2	50.6	76.0





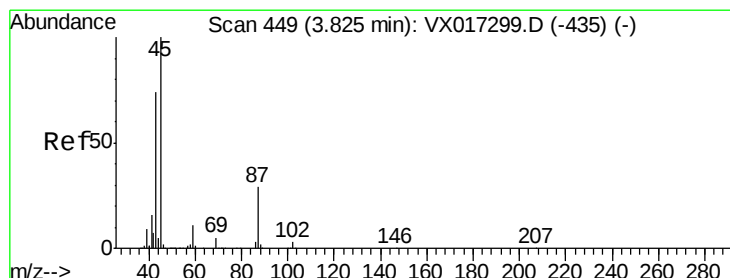
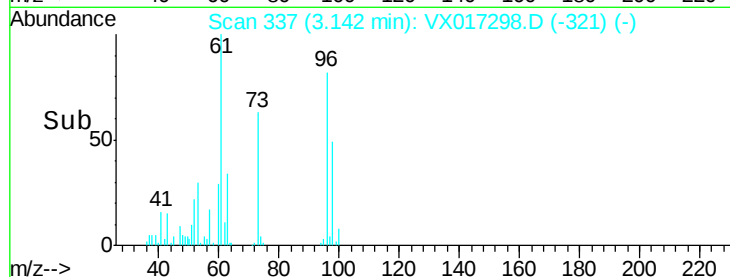
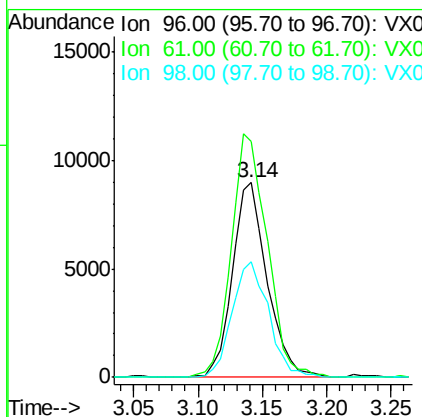
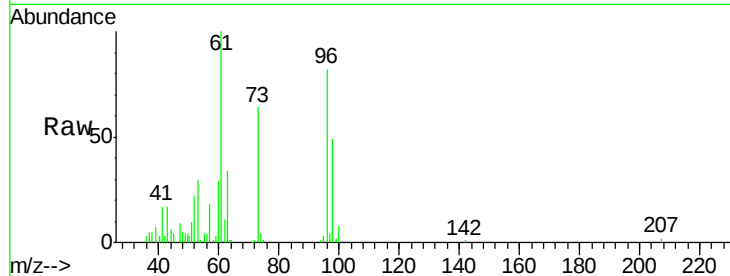
#19
trans-1,2-Dichloroethene
Concen: 4.577 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.3	105.0	157.6
98	59.2	48.6	73.0

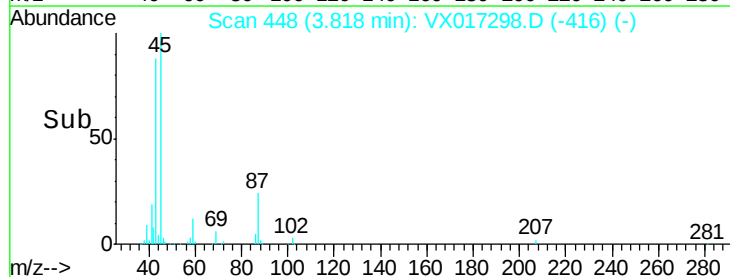
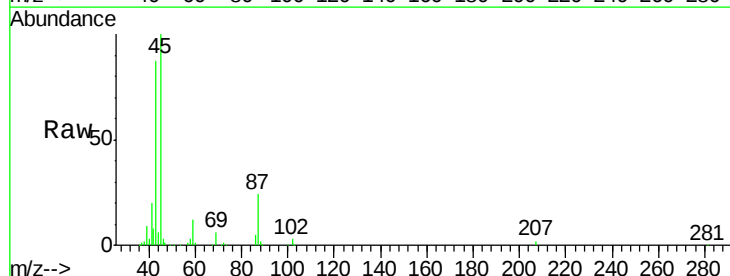
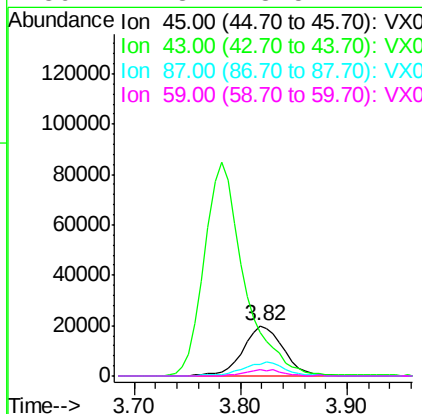
Manual Integrations
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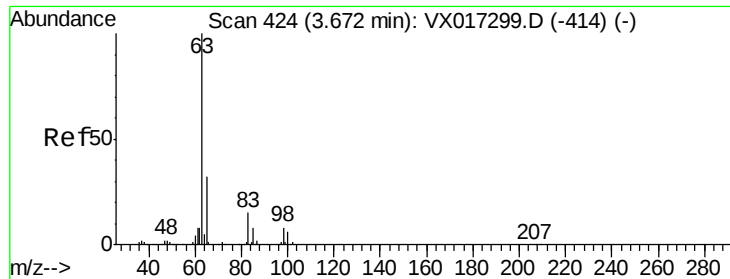
MMDadoda
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#20
Diisopropyl ether
Concen: 4.433 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	86.1	59.5	89.3
87	23.6	23.2	34.8
59	12.3	8.5	12.7





#21

1,1-Dichloroethane

Concen: 4.615 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

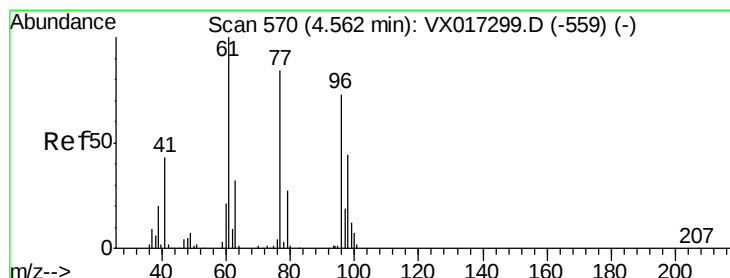
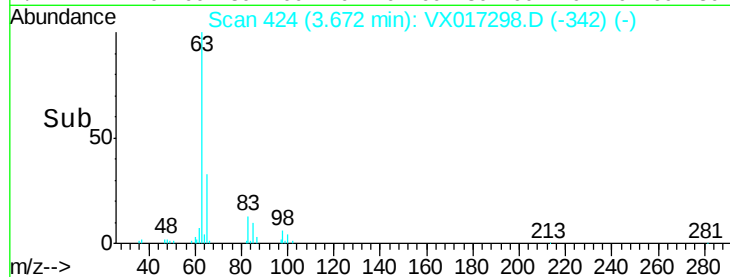
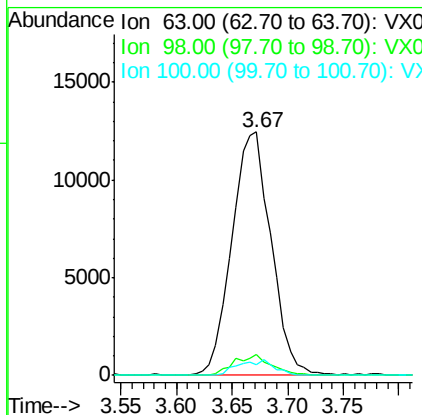
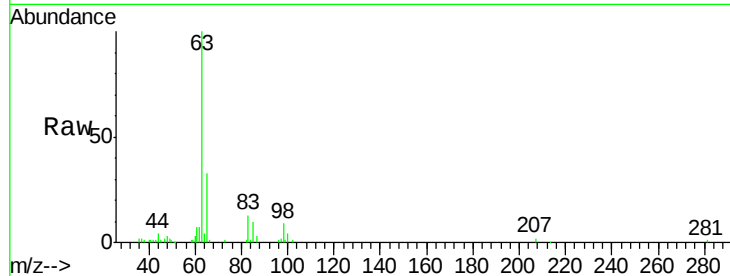
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	30484
Ion Ratio	Lower	Upper	
63	100		
98	8.7	4.2	12.4
100	4.3	2.8	8.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 4.822 ug/l

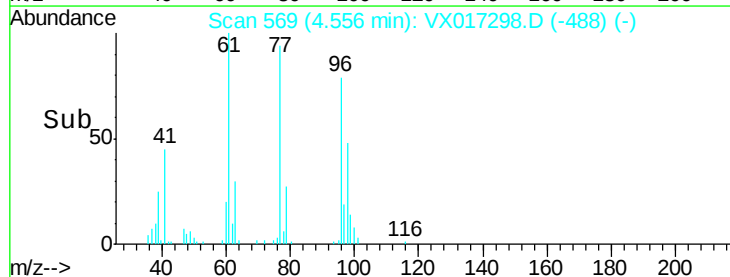
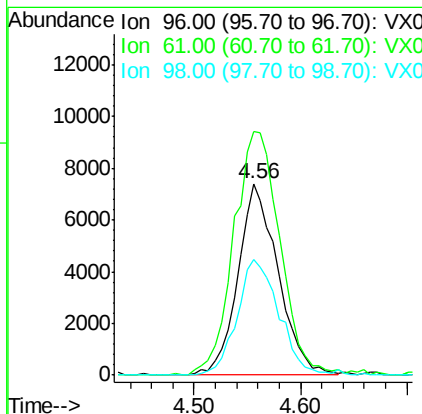
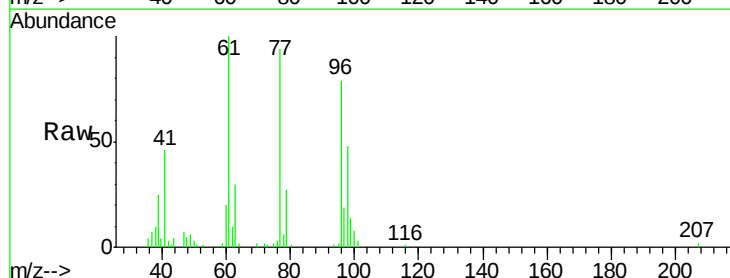
RT: 4.56 min Scan# 569

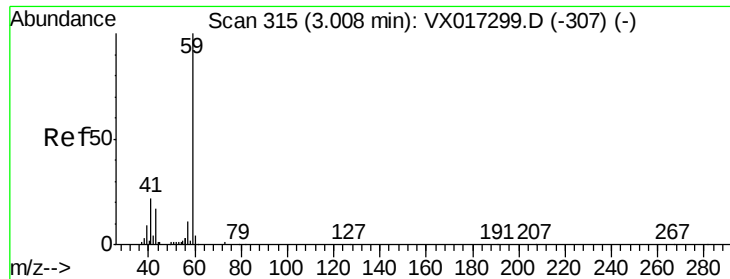
Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	96	Resp:	19607
Ion Ratio	Lower	Upper	
96	100		
61	145.7	111.7	167.5
98	62.8	50.9	76.3





#23

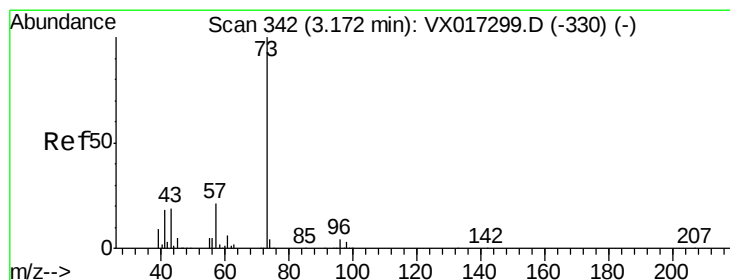
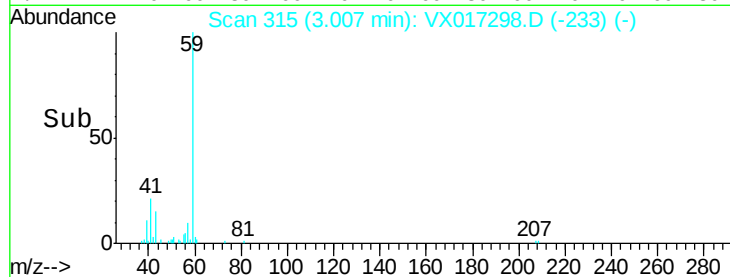
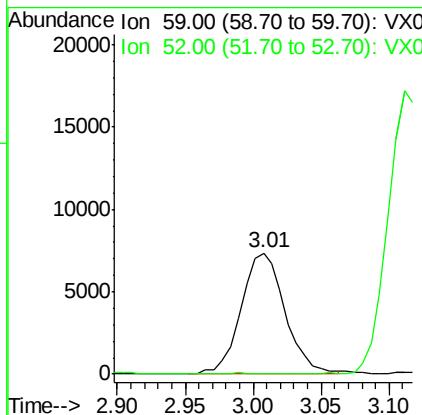
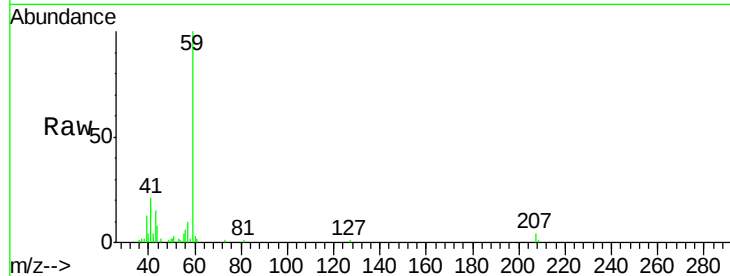
tert-Butyl Alcohol
 Concen: 19.850 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.4	0.6#

Manual Integrations
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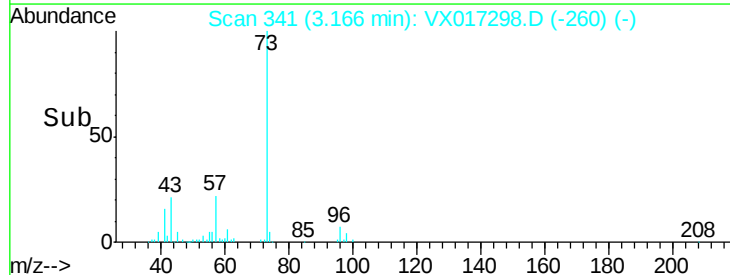
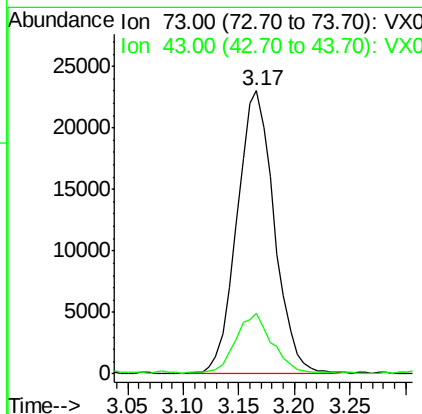
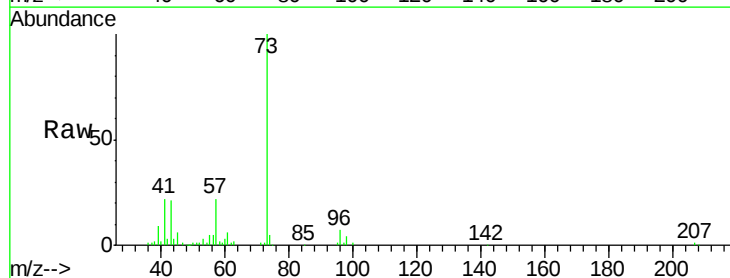
MMDadoda
 7/10/2020 12:36:32 PM

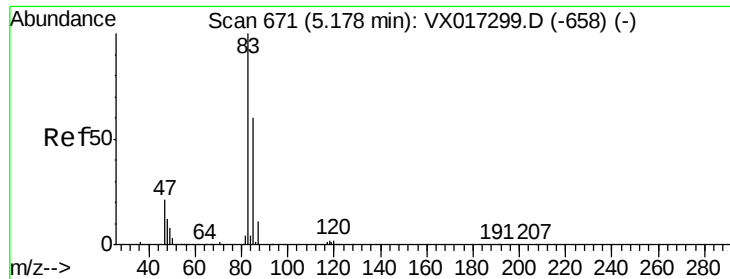


#24

Methyl tert-Butyl Ether
 Concen: 4.648 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.3	16.3	24.5





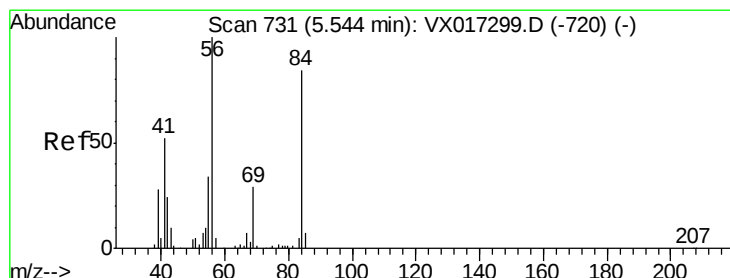
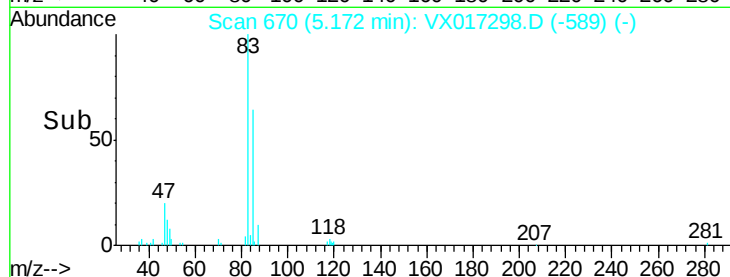
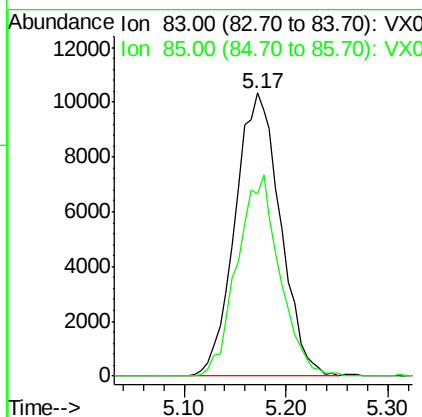
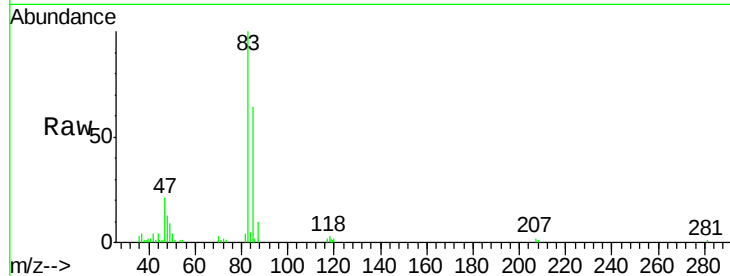
#25
Chloroform
Concen: 4.714 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	31862
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	47.8	71.8

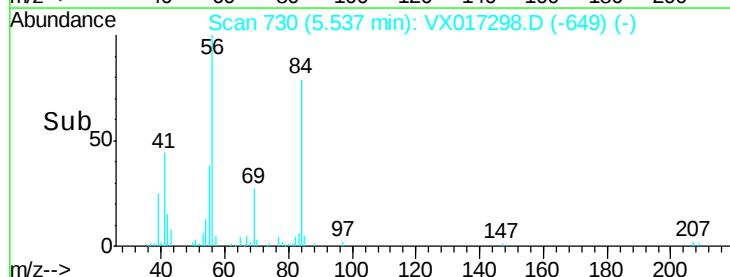
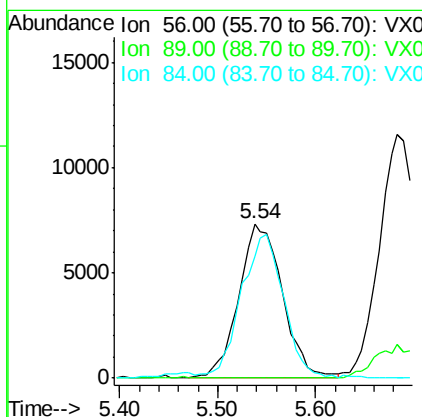
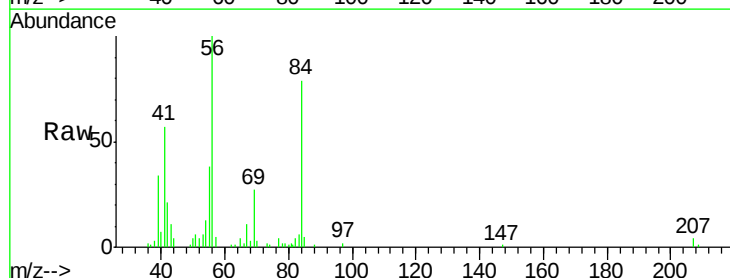
Manual Integrations
APPROVED

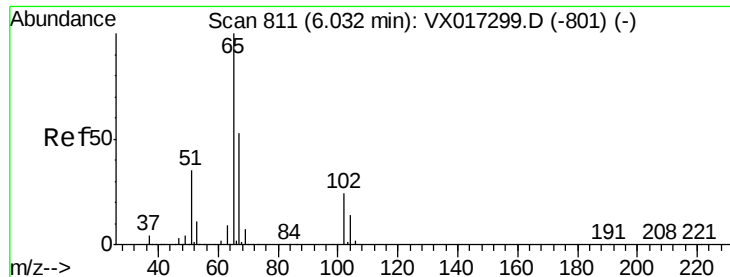
MMDadoda
7/10/2020 12:36:32 PM



#26
Cyclohexane
Concen: 3.988 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	56	Resp	22700
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	89.9	71.5	107.3





#27

1,2-Dichloroethane-d4

Concen: 28.656 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 65 Resp: 128054

Ion Ratio Lower Upper

65 100

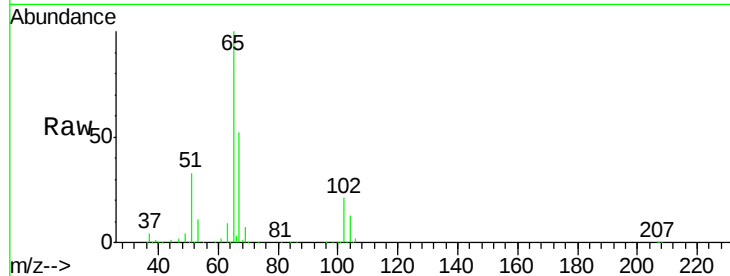
67 51.7 41.0 61.6

Manual Integrations

APPROVED

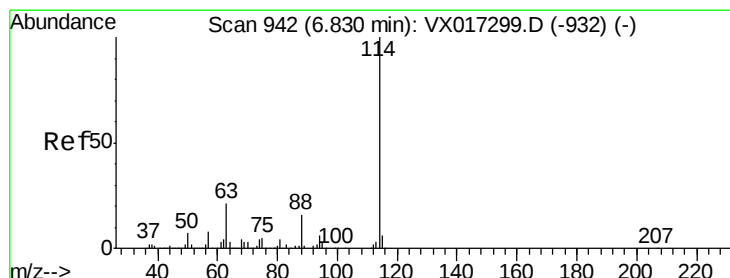
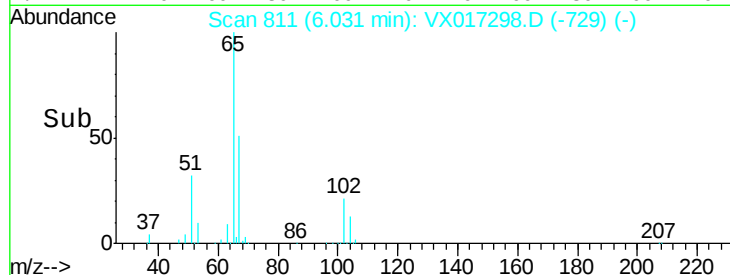
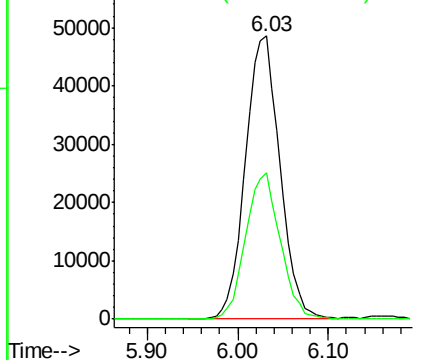
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

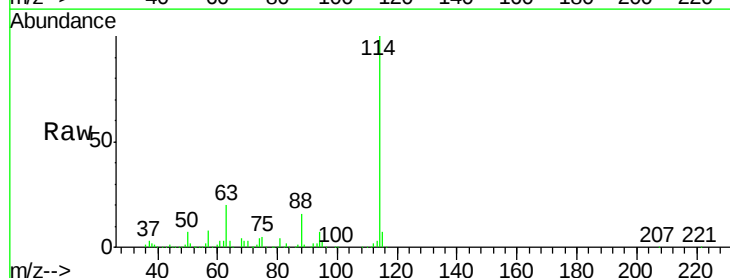
Tgt Ion: 114 Resp: 309025

Ion Ratio Lower Upper

114 100

63 19.6 15.9 23.9

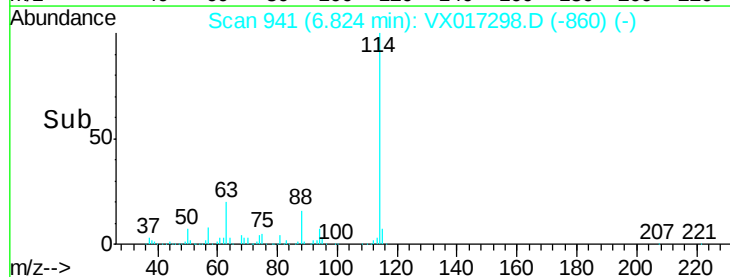
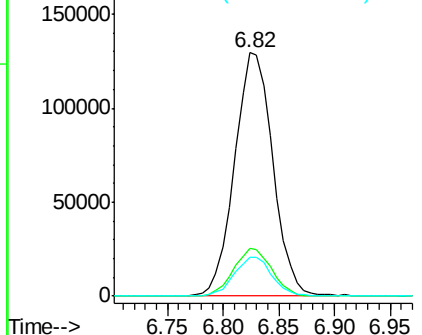
88 15.8 12.4 18.6

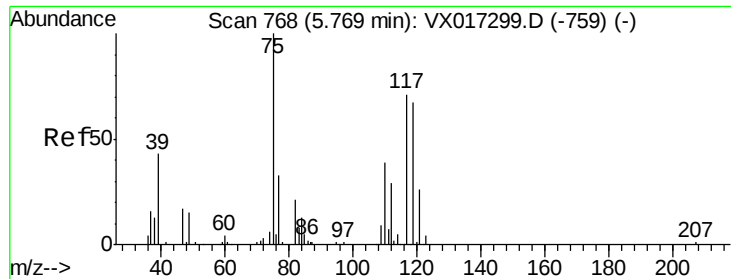


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





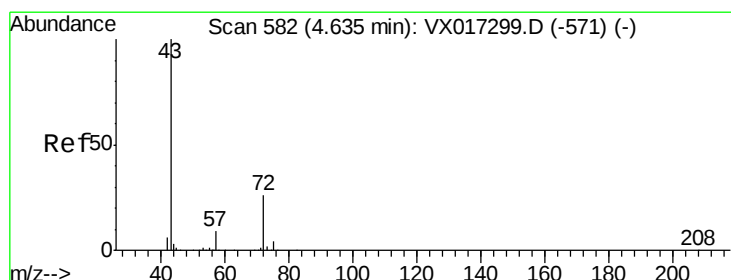
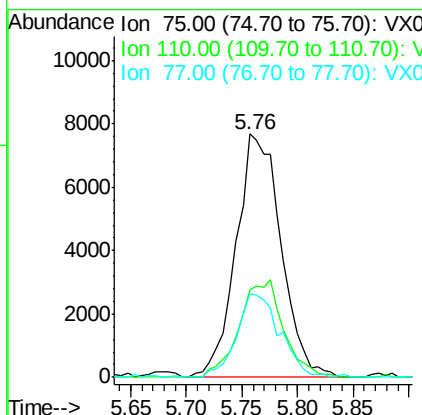
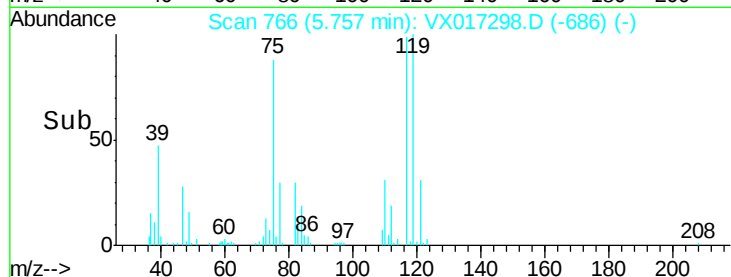
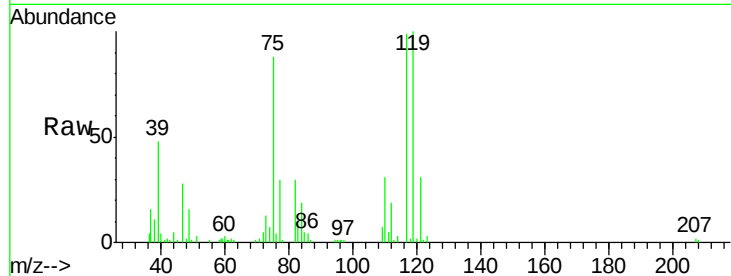
#29
 1,1-Dichloropropene
 Concen: 4.435 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	23.1	0.0	75.8	
77	32.6	0.0	63.4	

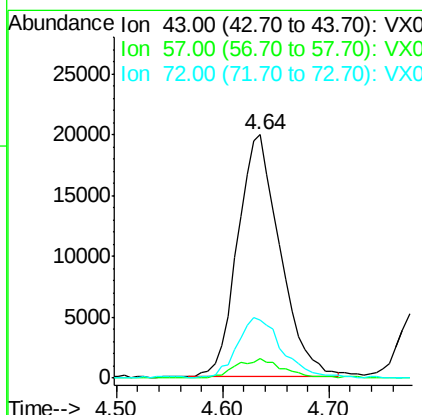
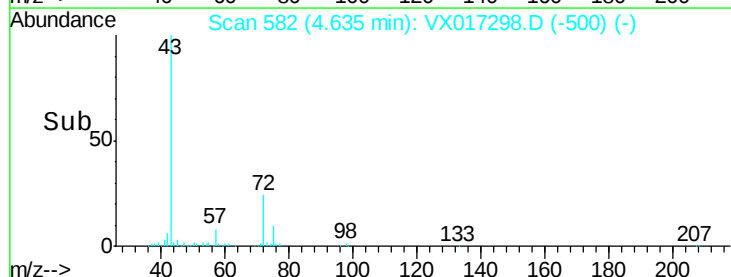
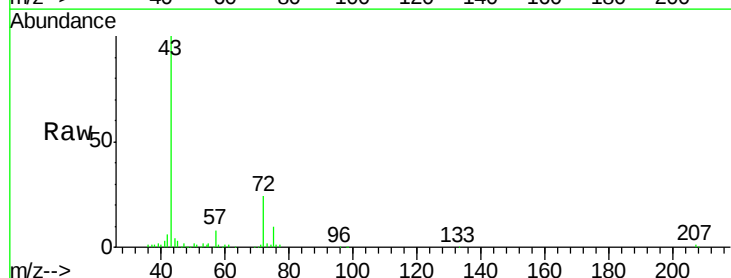
Manual Integrations
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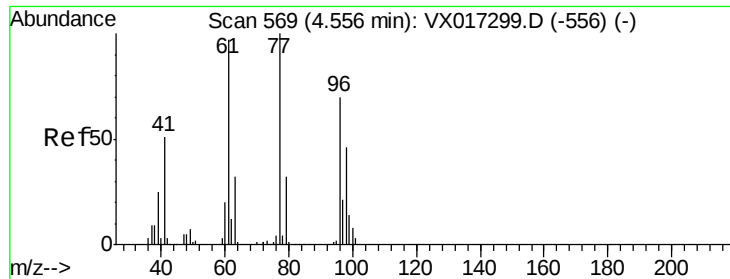
MMDadoda
 7/10/2020 12:36:32 PM



#30
 2-Butanone
 Concen: 21.887 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	5.7	6.8	10.2#	
72	26.1	21.0	31.6	





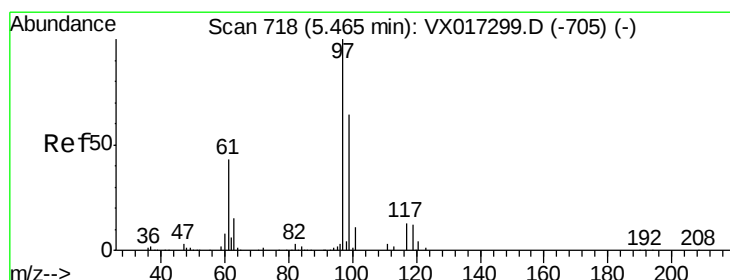
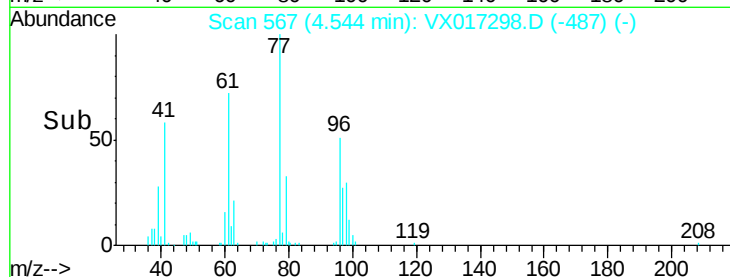
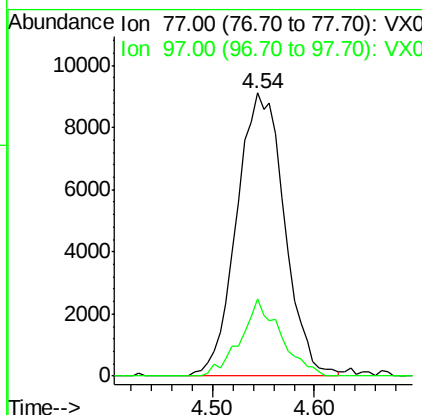
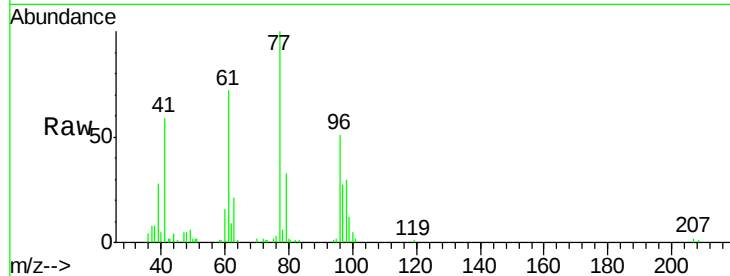
#31
 2,2-Dichloropropane
 Concen: 5.261 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
77	100		
97	15.8	18.2	27.2#

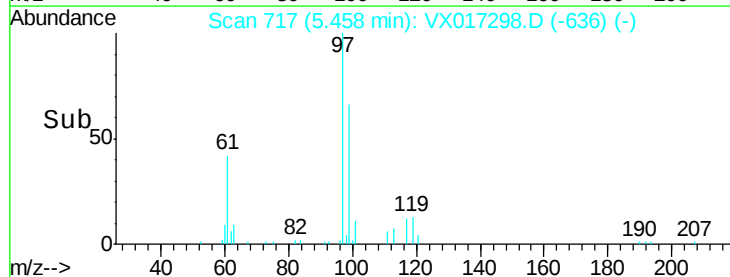
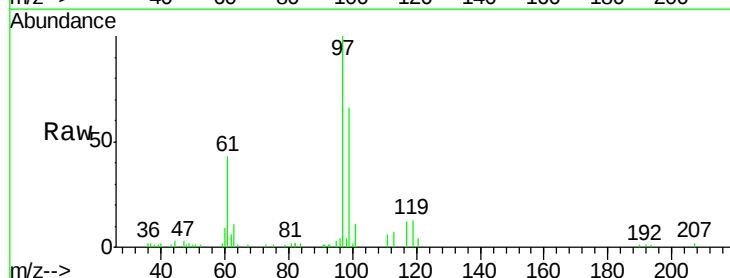
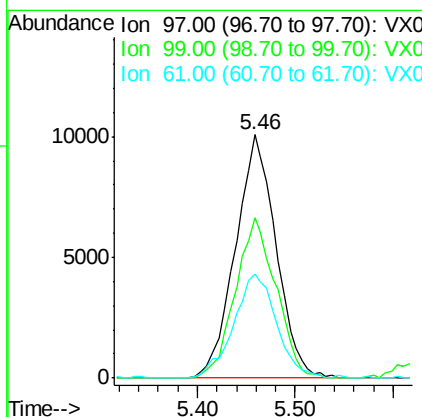
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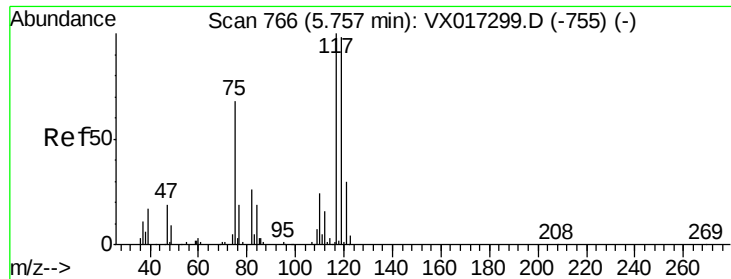
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 4.873 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	53.2	79.8
61	45.1	34.0	51.0





#33

Carbon Tetrachloride

Concen: 5.184 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

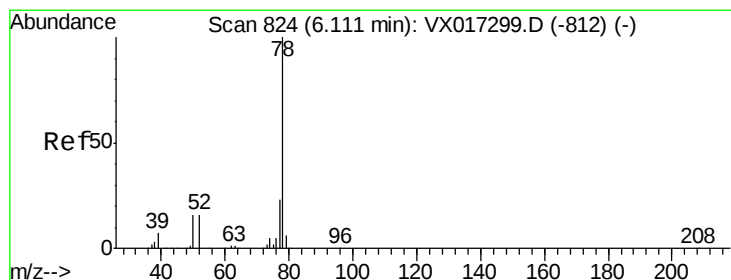
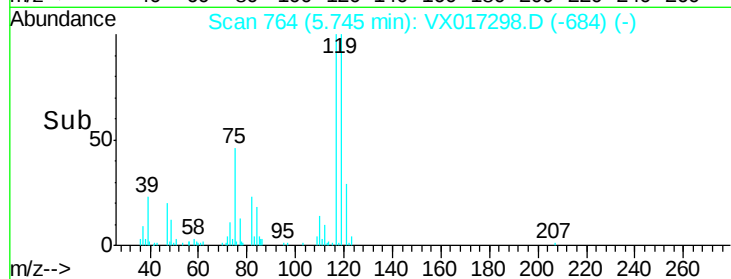
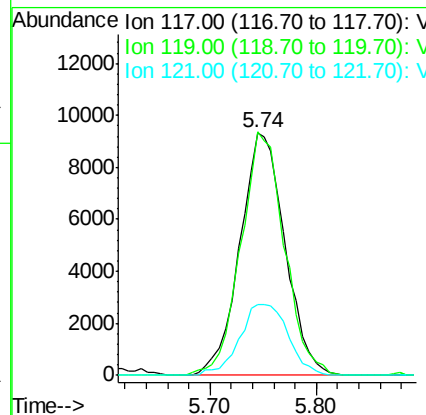
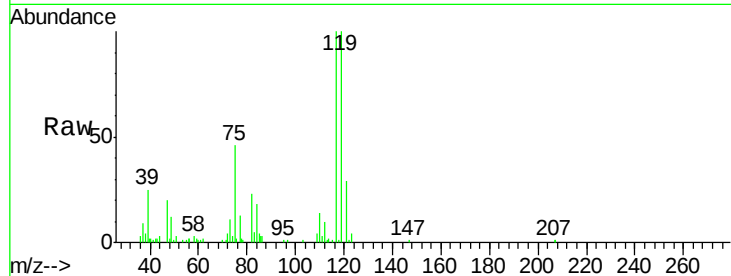
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	27617
Ion Ratio	Lower	Upper	
117	100		
119	100.4	78.8	118.2
121	29.1	23.7	35.5

Manual Integrations
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#34

Benzene

Concen: 4.680 ug/l

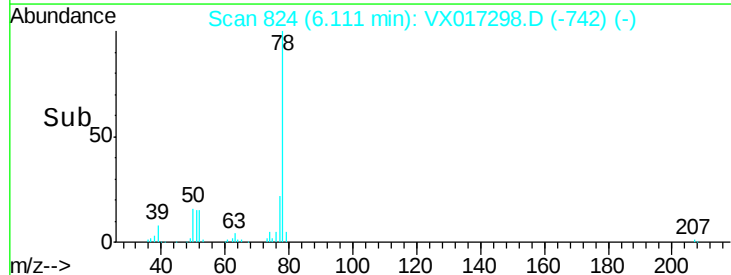
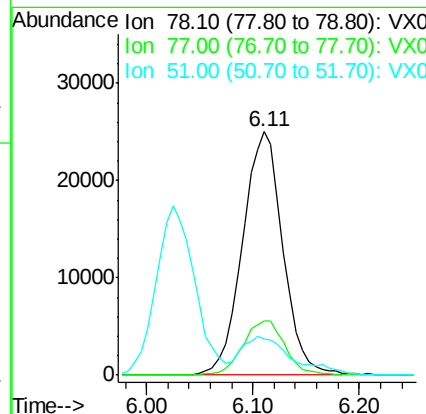
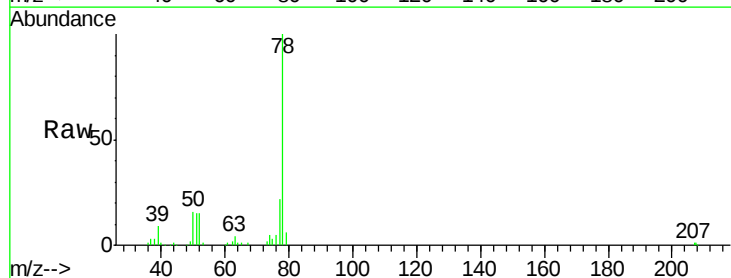
RT: 6.11 min Scan# 824

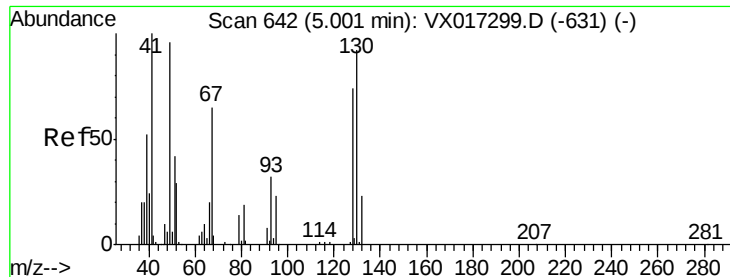
Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	78	Resp:	66357
Ion Ratio	Lower	Upper	
78	100		
77	22.1	18.1	27.1
51	13.5	12.9	19.3





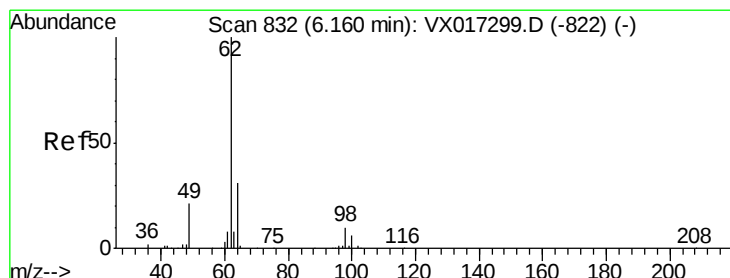
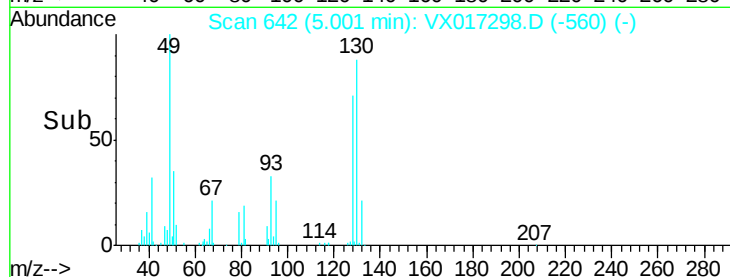
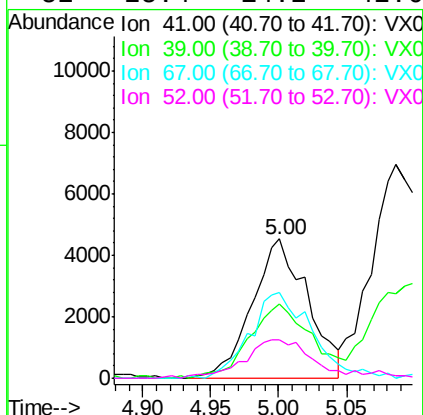
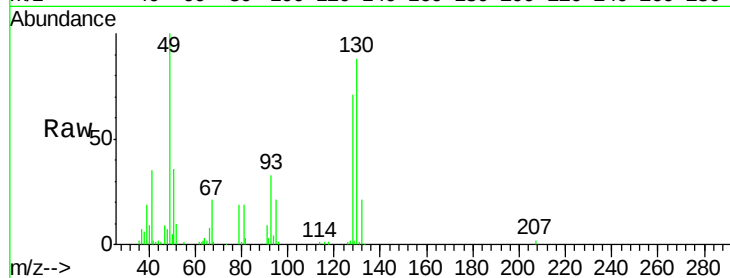
#35
Methacrylonitrile
Concen: 4.591 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	12895
Ion Ratio	Lower	Upper	
41	100		
39	53.4	26.0	78.0
67	59.7	32.6	97.8
52	25.4	14.2	42.6

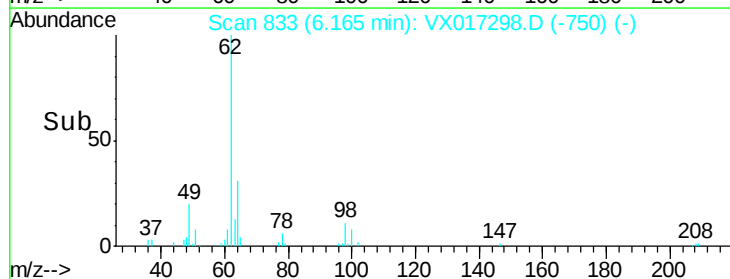
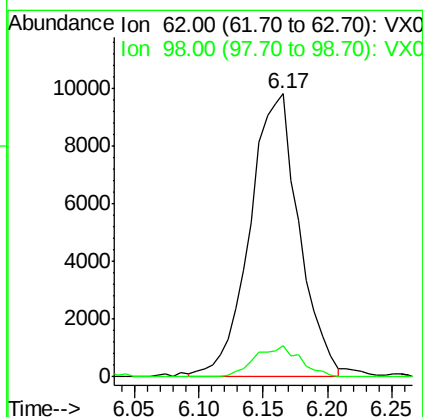
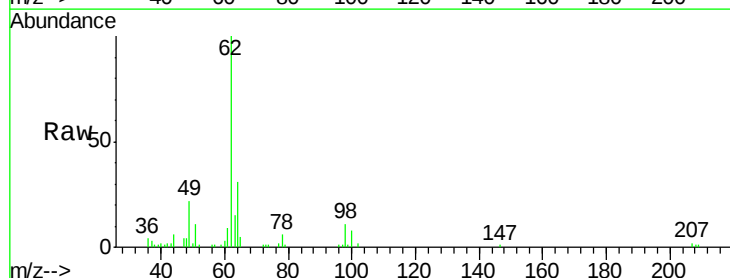
Manual Integrations
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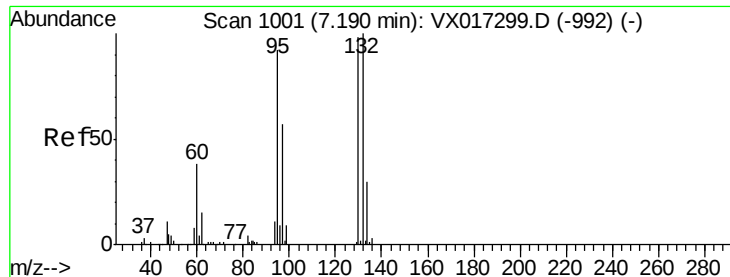
MMDadoda
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#36
1,2-Dichloroethane
Concen: 4.771 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion:	62	Resp:	26072
Ion Ratio	Lower	Upper	
62	100		
98	6.1	7.8	11.8#





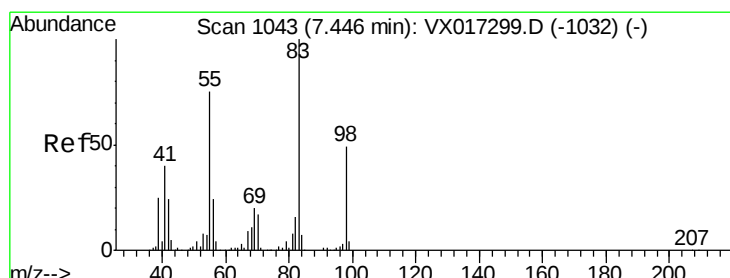
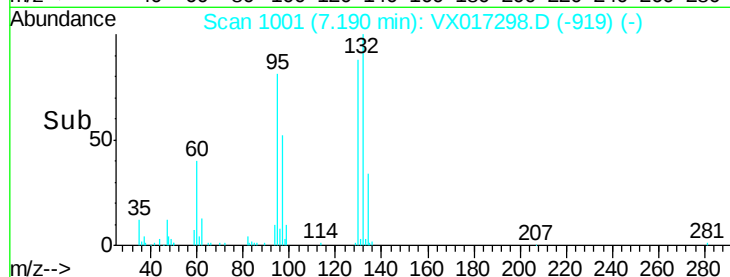
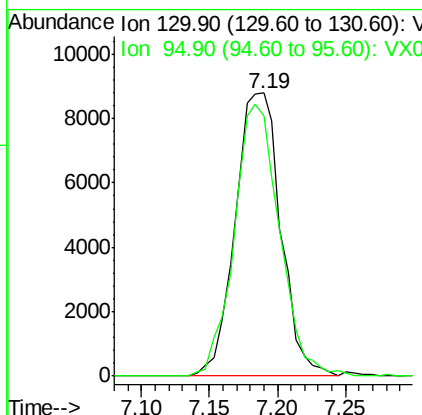
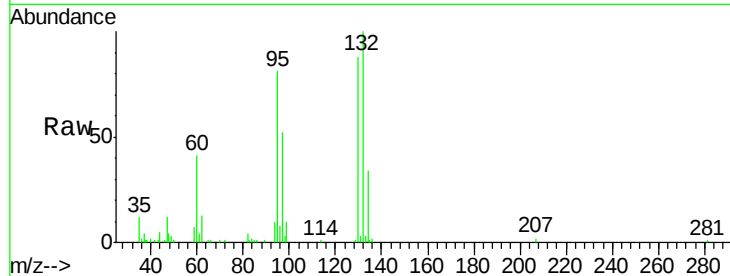
#37
 Trichloroethene
 Concen: 5.220 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 20526
 Ion Ratio Lower Upper
 130 100
 95 92.1 74.4 111.6

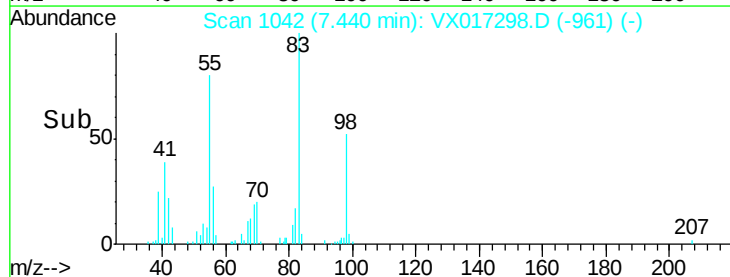
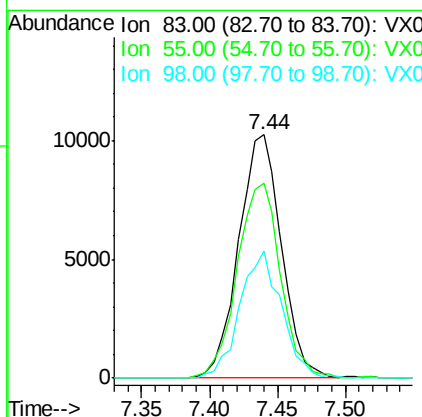
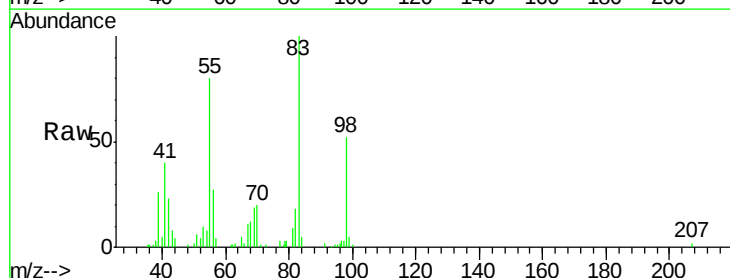
Manual Integrations
 APPROVED

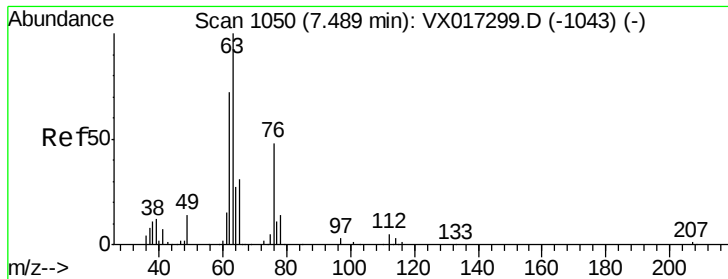
MMDadoda
 7/10/2020 12:36:32 PM



#38
 Methylcyclohexane
 Concen: 4.088 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 83 Resp: 22533
 Ion Ratio Lower Upper
 83 100
 55 81.4 39.0 117.0
 98 50.4 25.3 75.9





#39

1,2-Dichloropropane

Concen: 4.621 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 17106

Ion Ratio Lower Upper

63 100

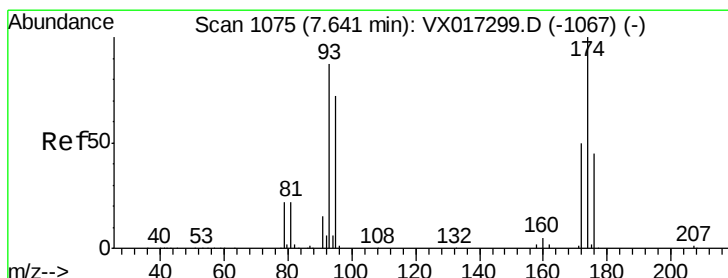
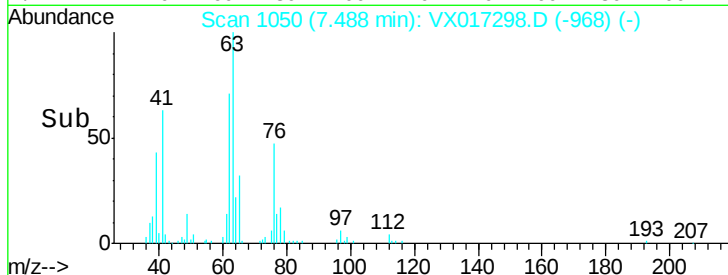
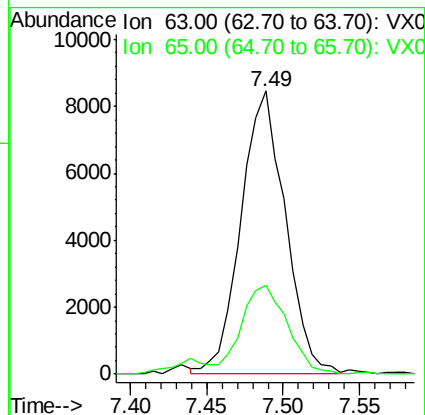
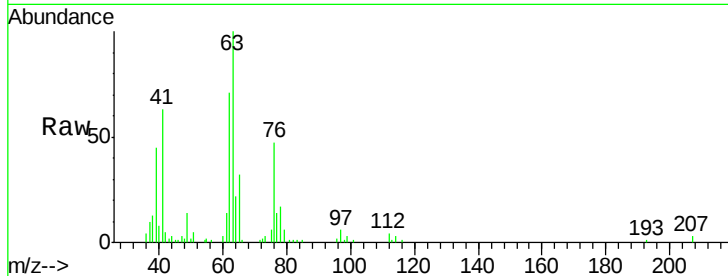
65 31.8 27.4 41.0

Manual Integrations

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#40

Dibromomethane

Concen: 4.949 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

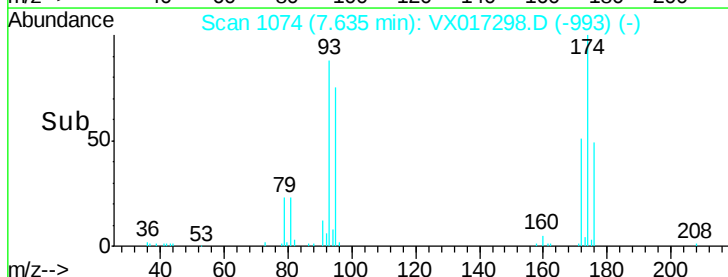
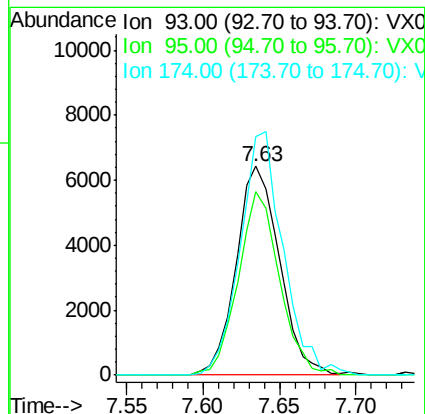
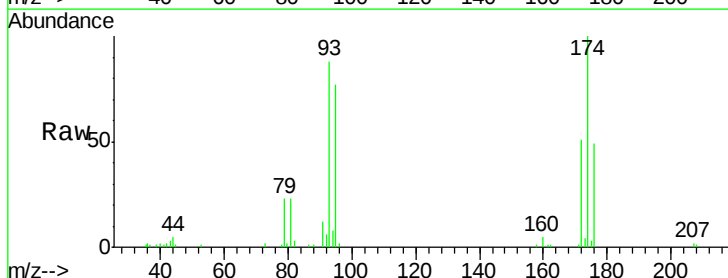
Tgt Ion: 93 Resp: 12673

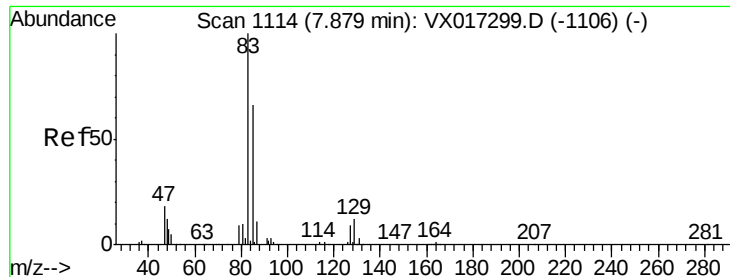
Ion Ratio Lower Upper

93 100

95 83.2 0.0 164.4

174 113.6 0.0 224.8





#41

Bromodichloromethane

Concen: 4.855 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

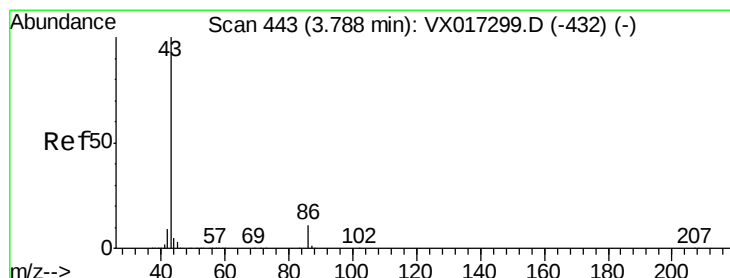
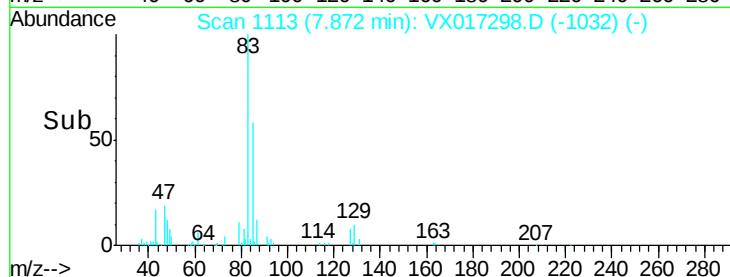
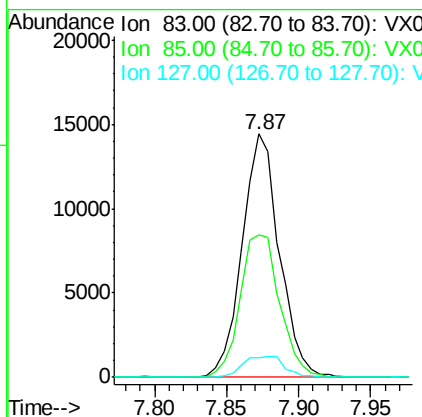
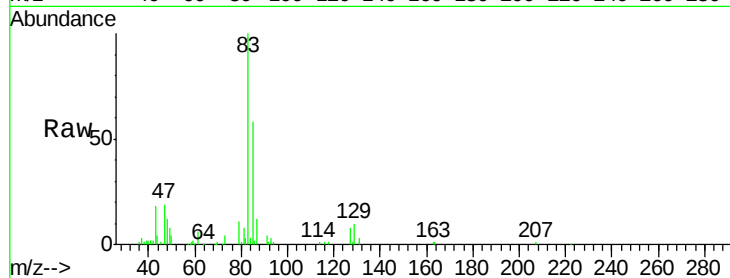
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	25759
Ion Ratio	Lower	Upper	
83	100		
85	58.3	53.1	79.7
127	8.2	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 21.542 ug/l

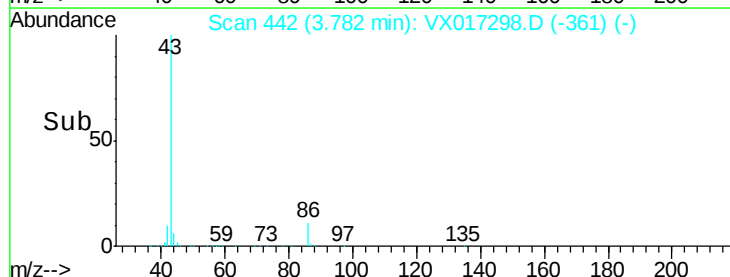
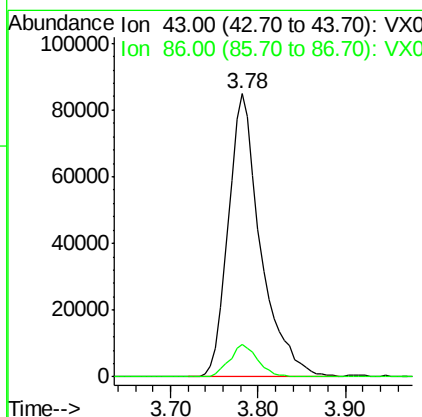
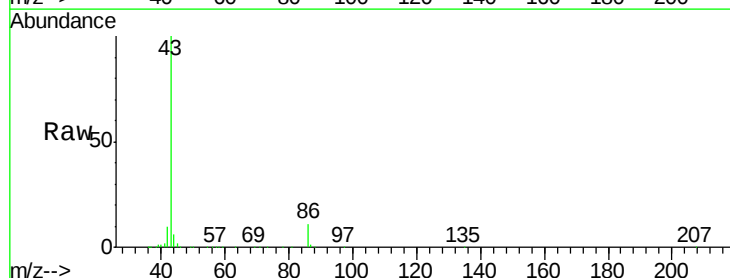
RT: 3.78 min Scan# 442

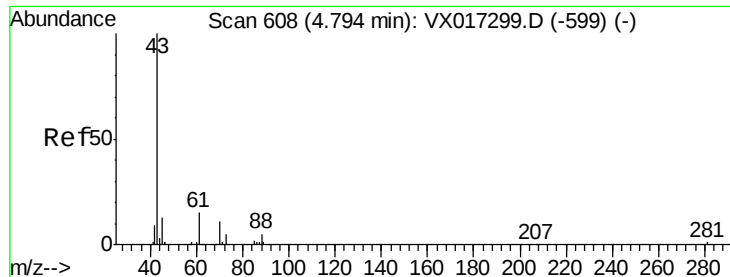
Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	43	Resp:	219268
Ion Ratio	Lower	Upper	
43	100		
86	9.9	7.9	11.9





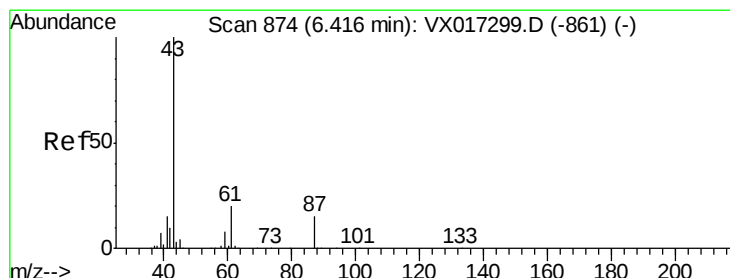
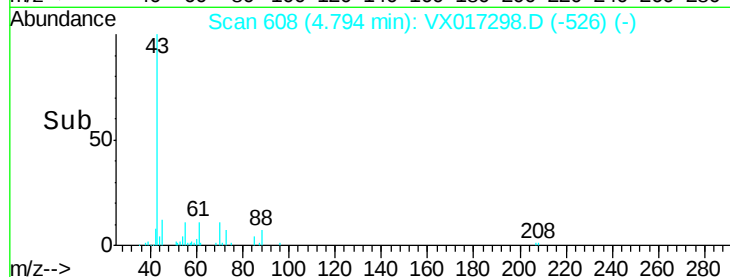
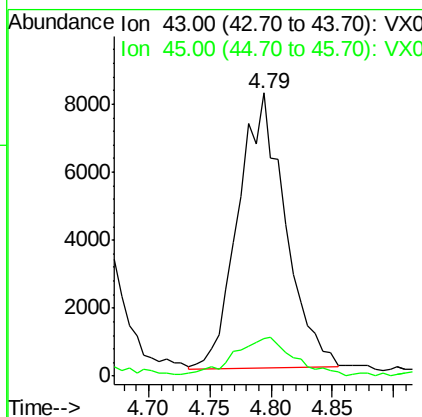
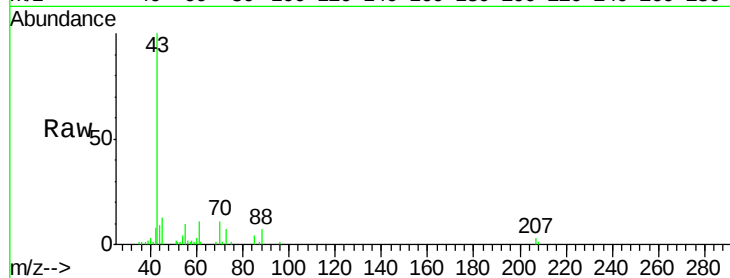
#43
Ethyl Acetate
Concen: 4.114 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
45	16.4	12.1	18.1

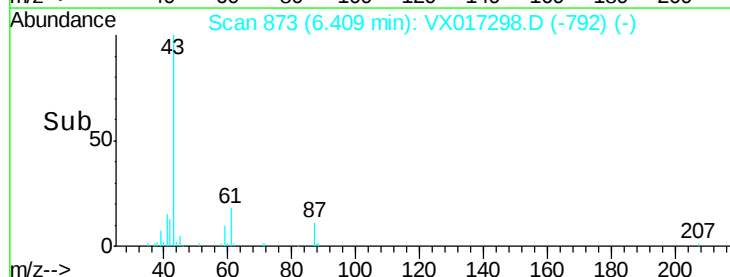
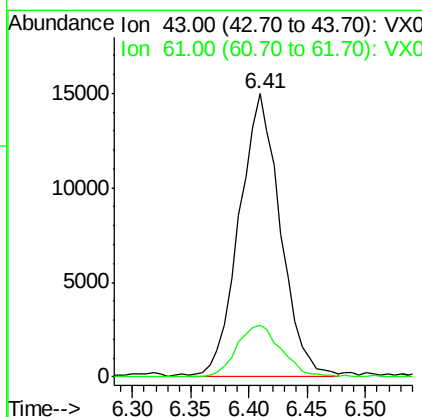
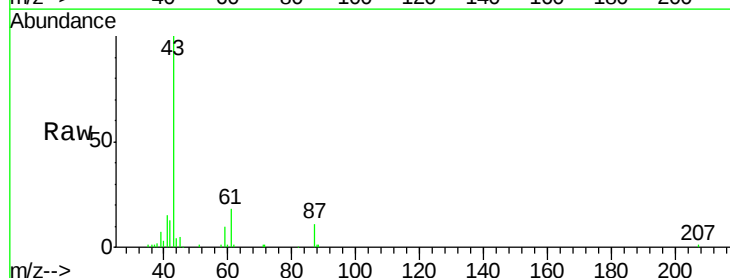
Manual Integrations
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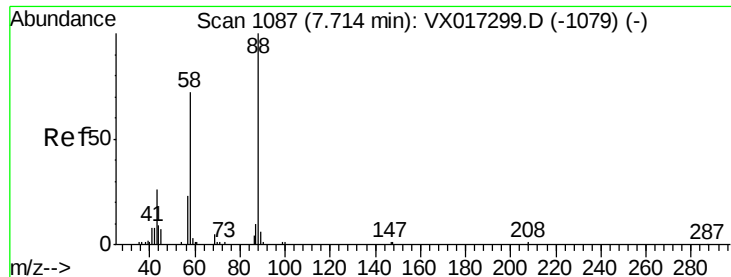
MMDadoda
7/10/2020 12:36:32 PM



#44
Isopropyl Acetate
Concen: 4.290 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5





#45

1,4-Dioxane

Concen: 80.854 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

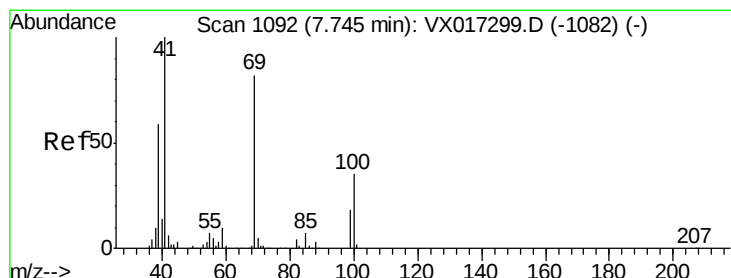
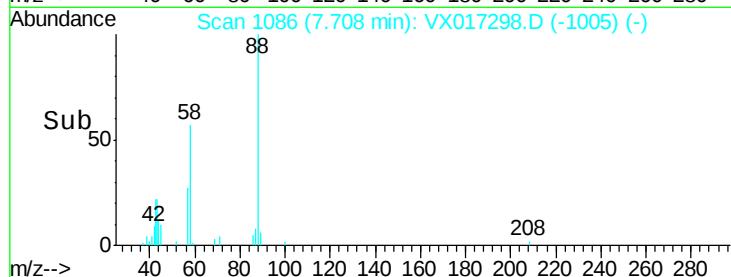
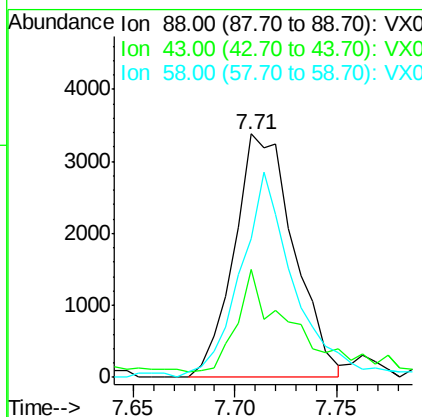
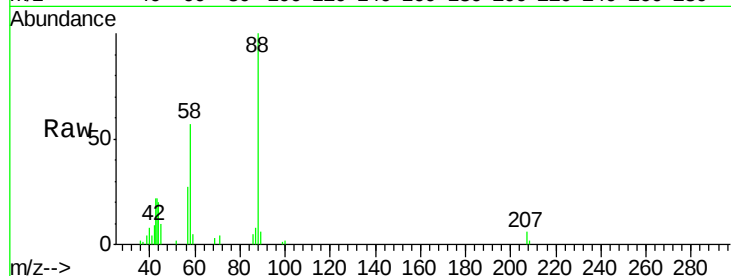
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	6887
Ion	Ratio	Lower	Upper
88	100		
43	16.9	29.0	43.4#
58	74.5	58.3	87.5

Manual Integrations
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#46

Methyl methacrylate

Concen: 4.133 ug/l

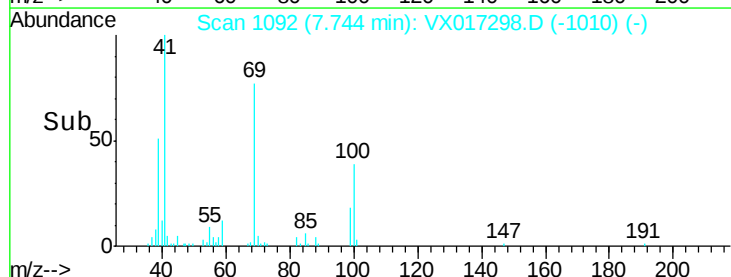
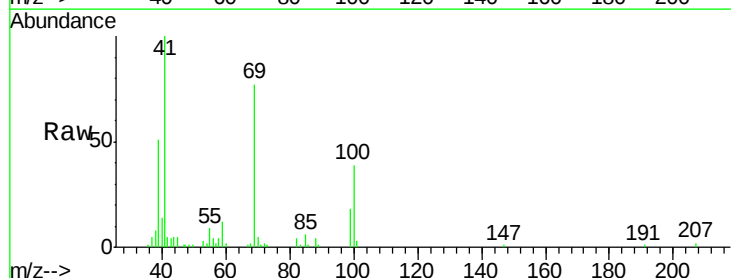
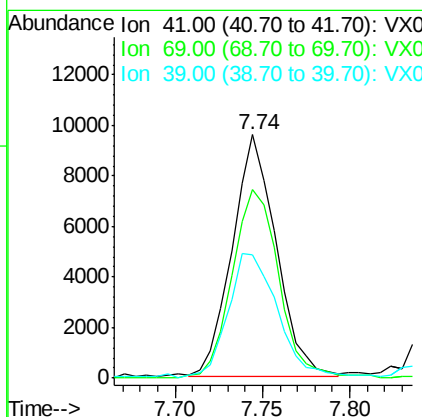
RT: 7.74 min Scan# 1092

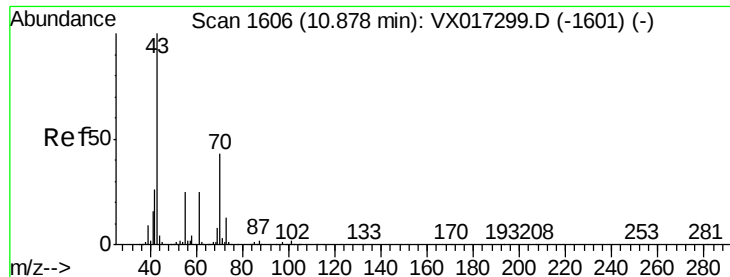
Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	41	Resp:	16640
Ion	Ratio	Lower	Upper
41	100		
69	77.3	41.1	123.3
39	49.9	29.2	87.6





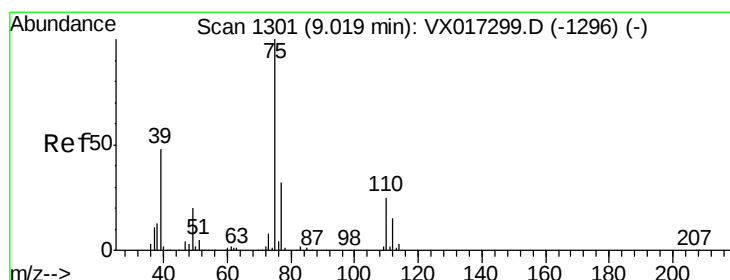
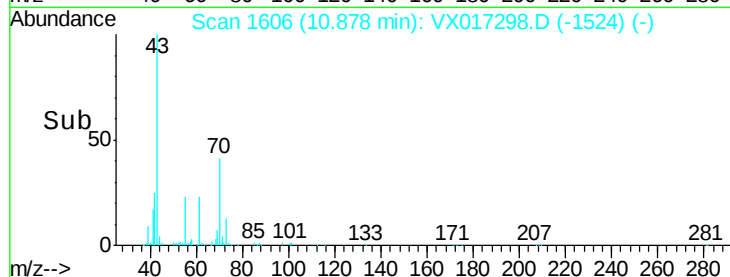
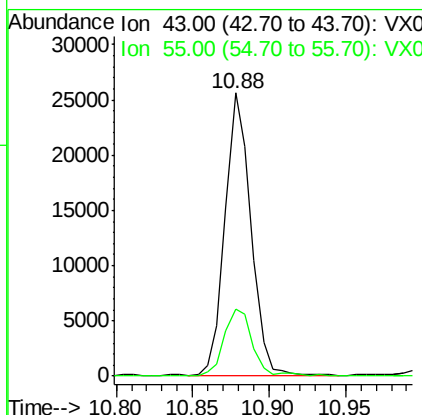
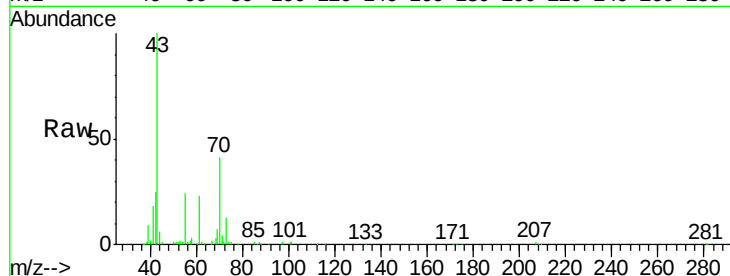
#47
n-amvl Acetate
Concen: 3.932 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
55	25.1	20.4	30.6

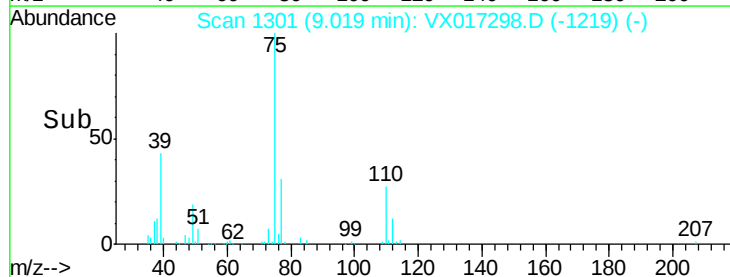
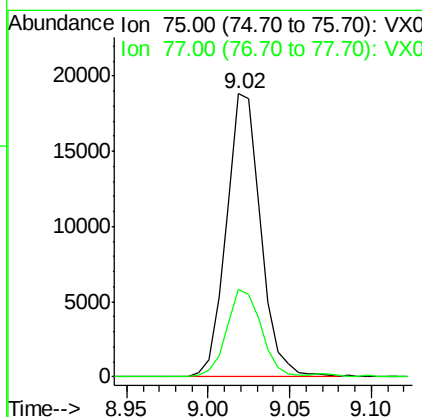
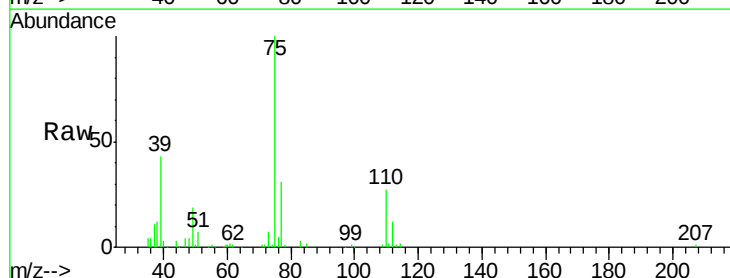
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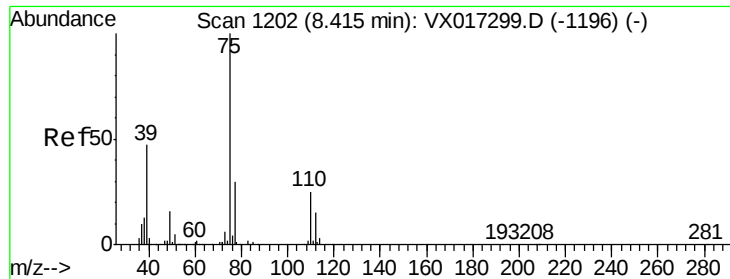
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 4.687 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.6	38.4





#49

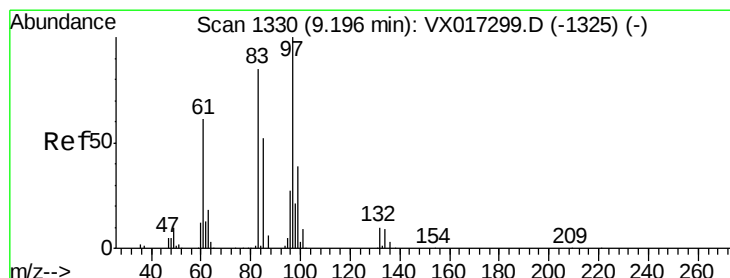
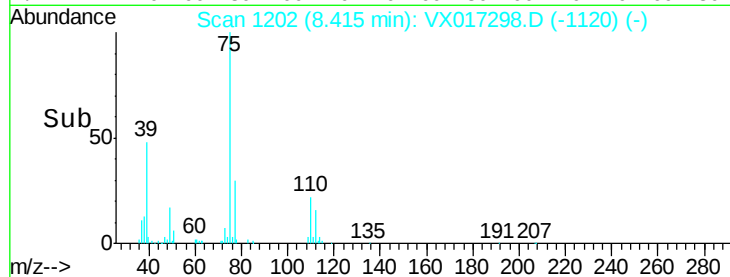
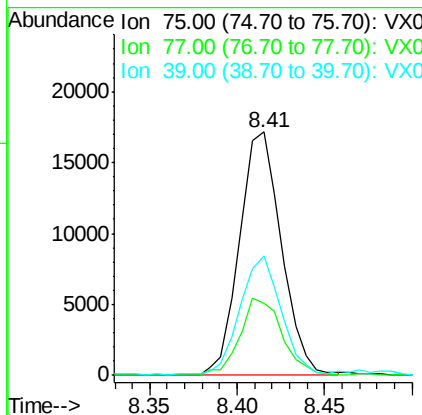
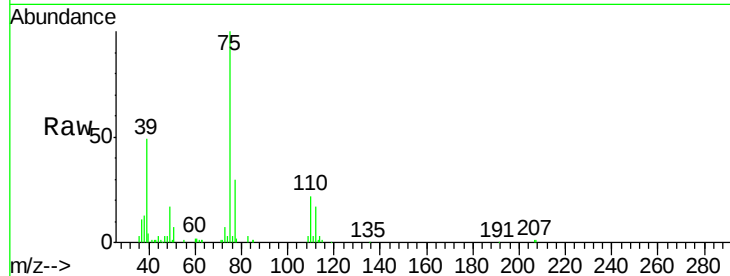
cis-1,3-Dichloropropene
 Concen: 4.639 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.7	23.6	35.4
39	48.0	37.5	56.3

Manual Integrations
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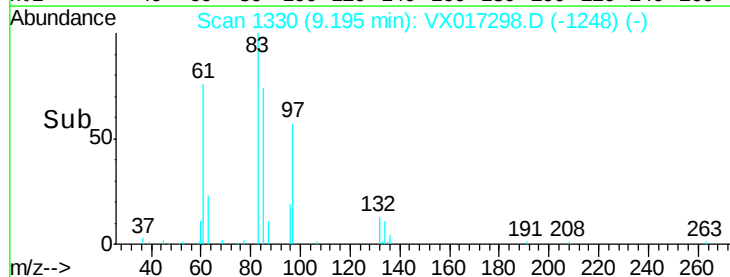
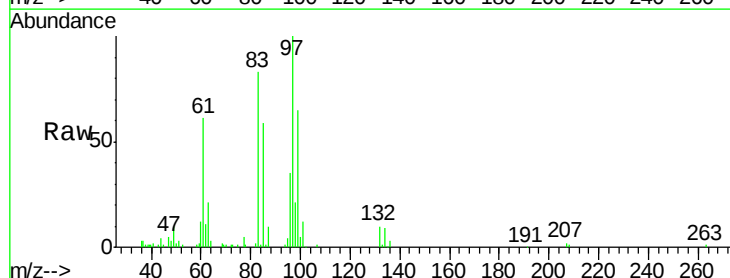
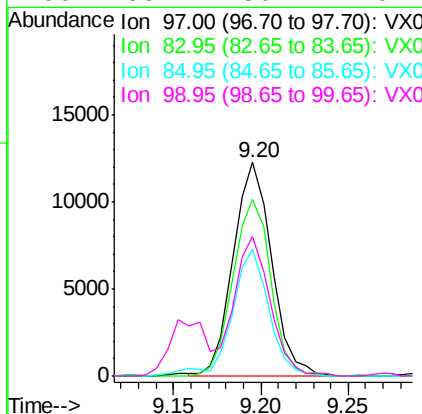
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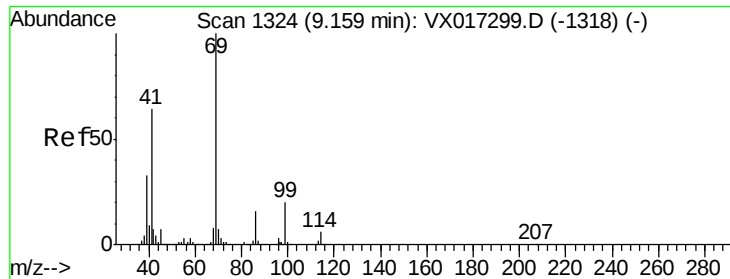


#50

1,1,2-Trichloroethane
 Concen: 5.193 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.9	101.9
85	59.4	42.6	64.0
99	65.1	50.7	76.1





#51

Ethyl methacrylate

Concen: 4.243 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

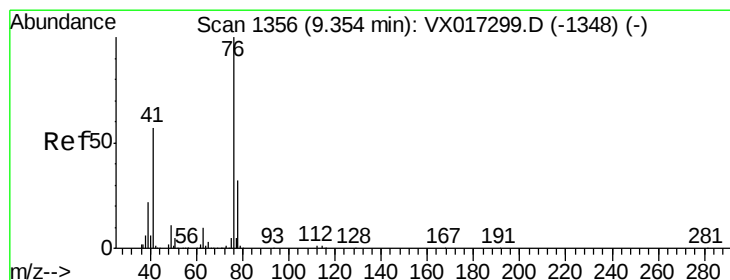
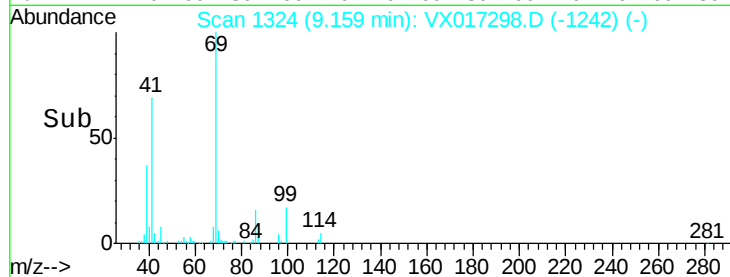
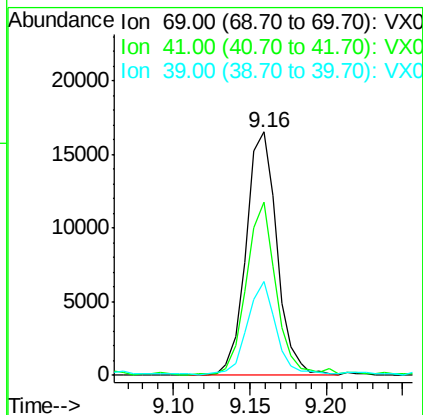
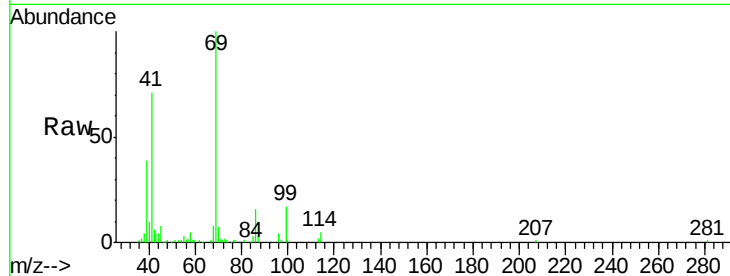
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	23224
Ion	Ratio	Lower	Upper
69	100		
41	71.3	32.1	96.5
39	38.3	16.3	48.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 4.775 ug/l

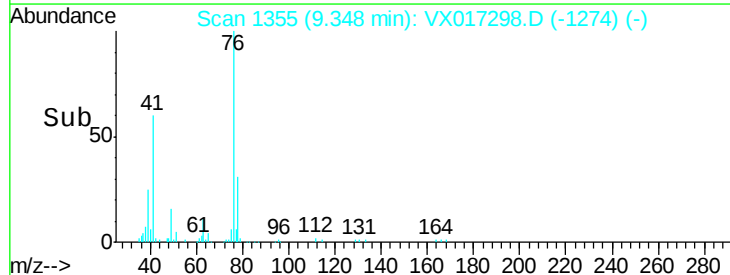
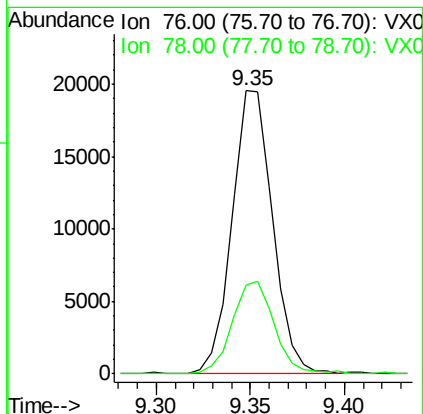
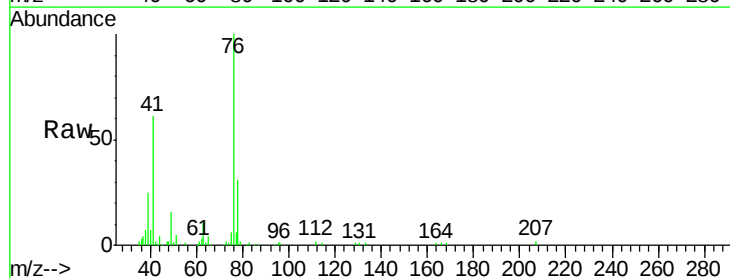
RT: 9.35 min Scan# 1355

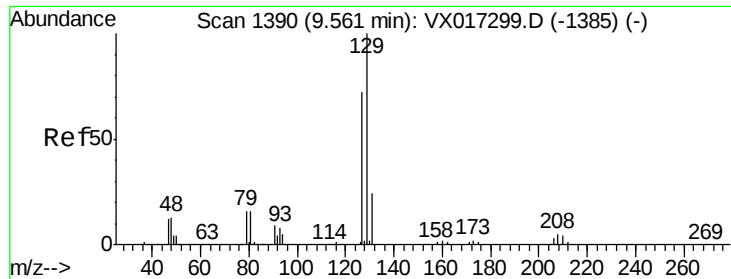
Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	76	Resp:	29213
Ion	Ratio	Lower	Upper
76	100		
78	34.0	0.0	65.6





#53

Dibromochloromethane

Concen: 5.242 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:129 Resp: 22034

Ion Ratio Lower Upper

129 100

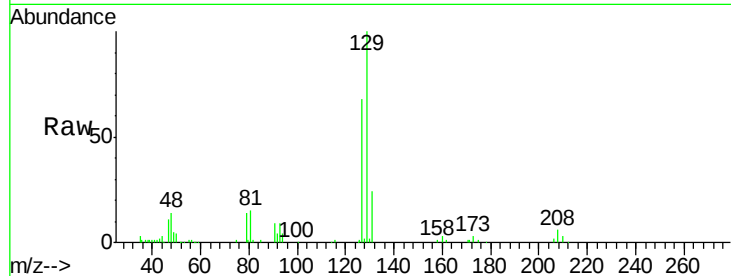
127 72.2 37.5 112.5

Manual Integrations

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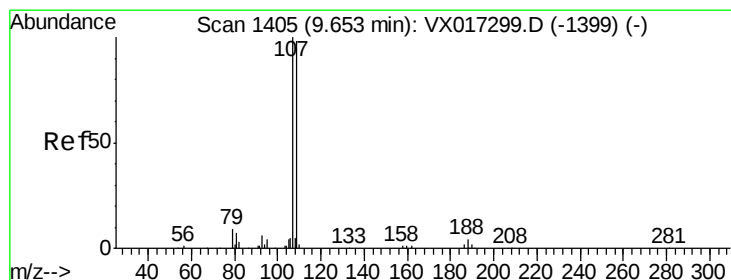
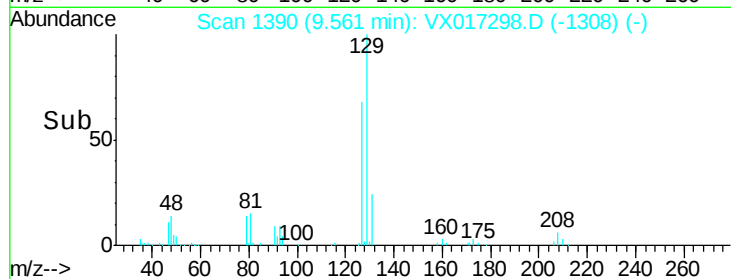
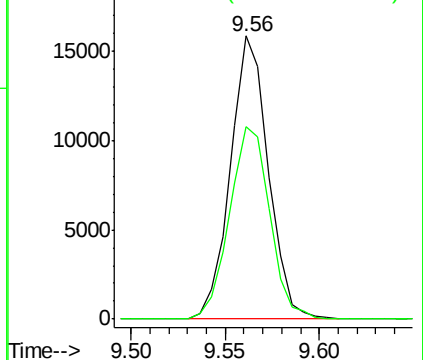
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.999 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017298.D

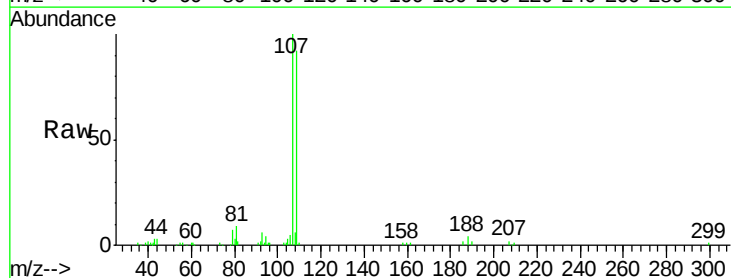
Acq: 09 Jul 2020 10:29

Tgt Ion:107 Resp: 19210

Ion Ratio Lower Upper

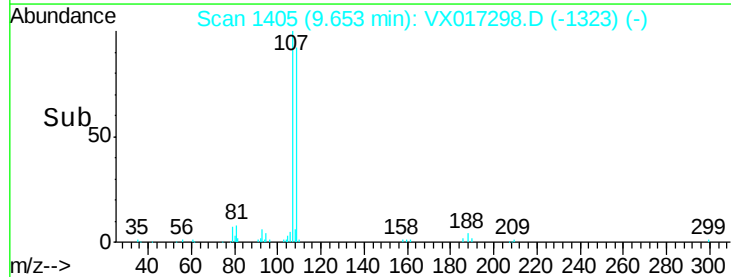
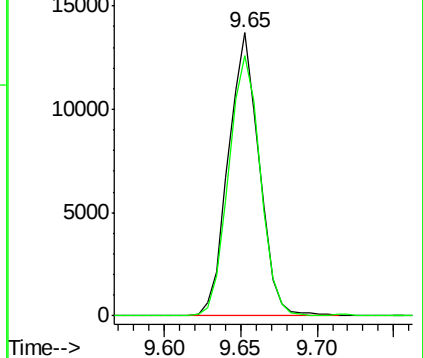
107 100

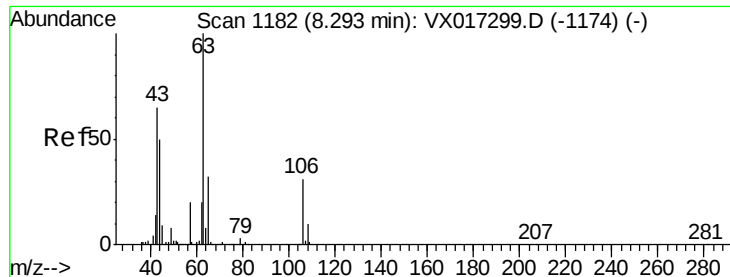
109 93.5 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





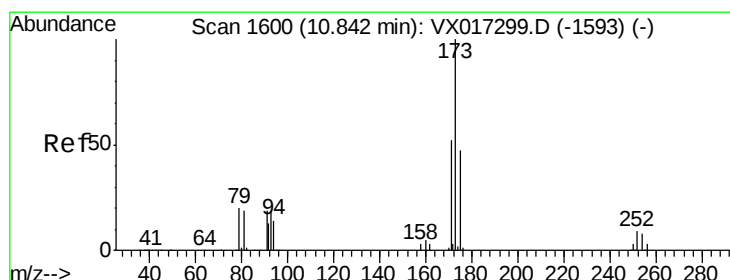
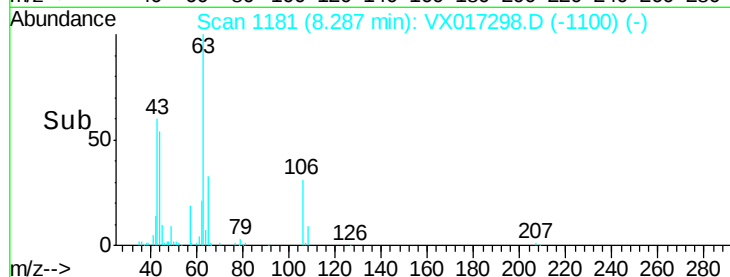
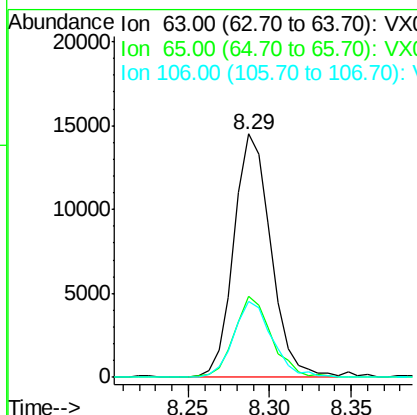
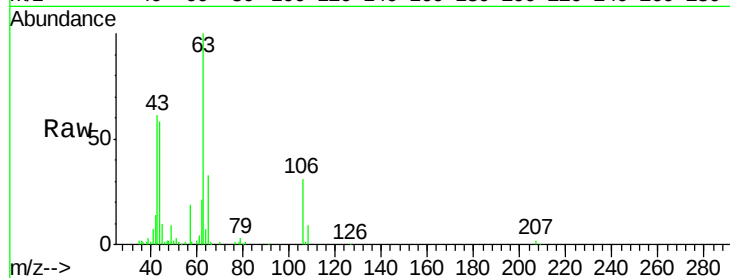
#55
2-Chloroethyl vinyl ether
Concen: 7.971 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.2	25.4	38.0
106	32.3	24.5	36.7

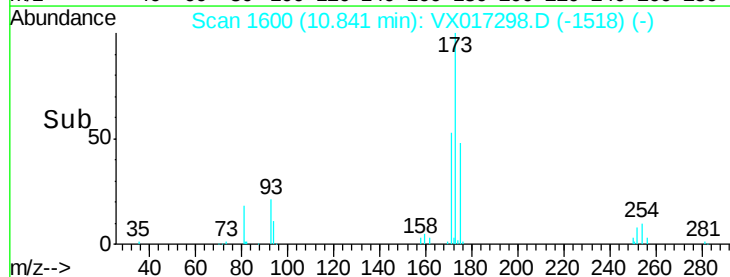
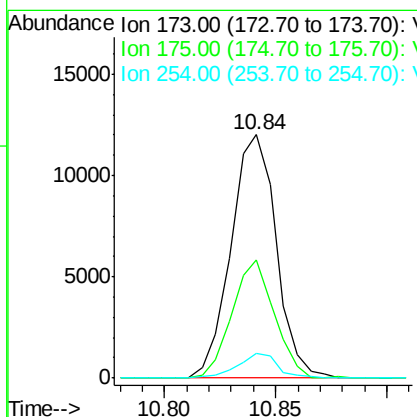
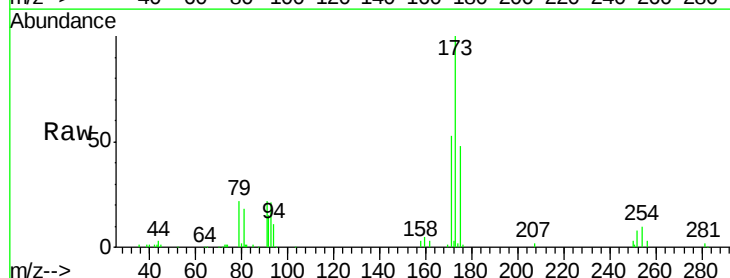
Manual Integrations
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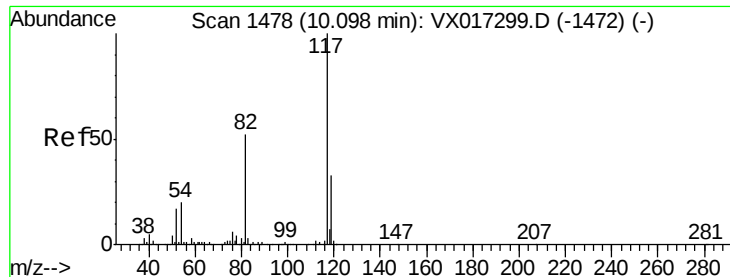
MMDadoda
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#56
Bromoform
Concen: 5.611 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.2	38.4	57.6
254	9.1	7.0	10.4





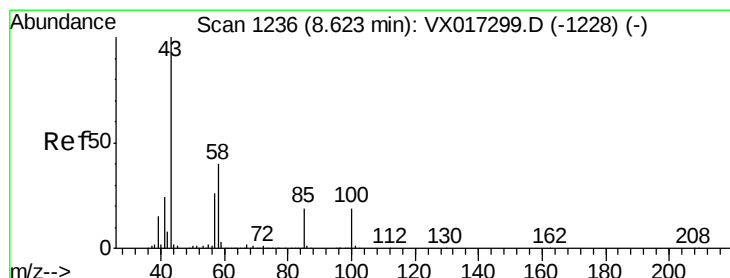
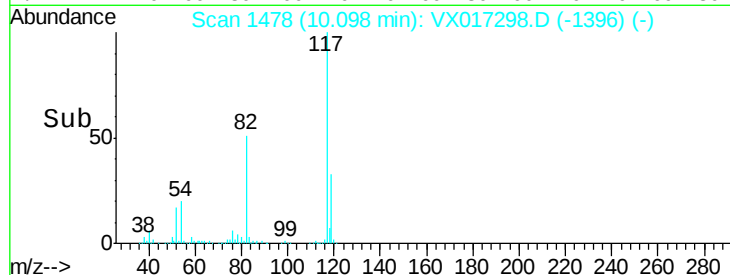
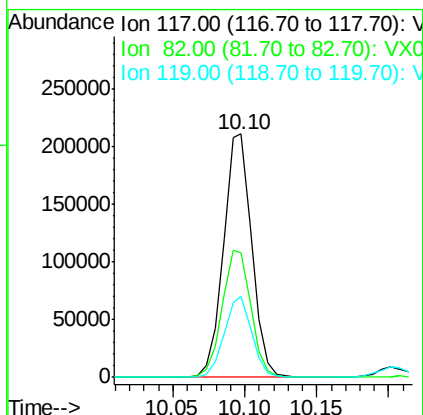
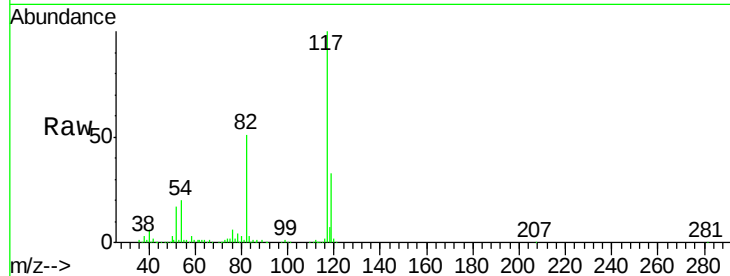
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	32.5	26.4	39.6

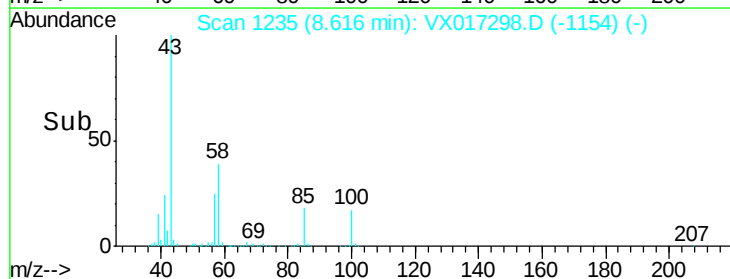
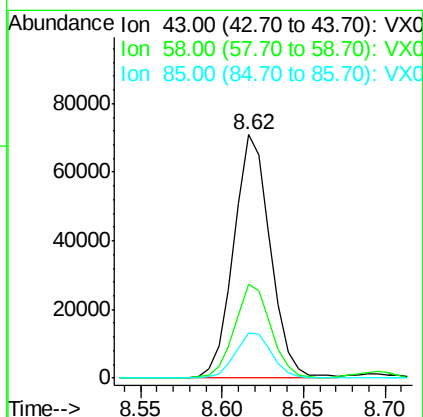
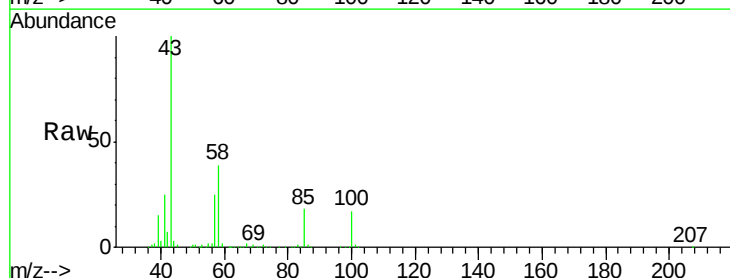
Manual Integrations
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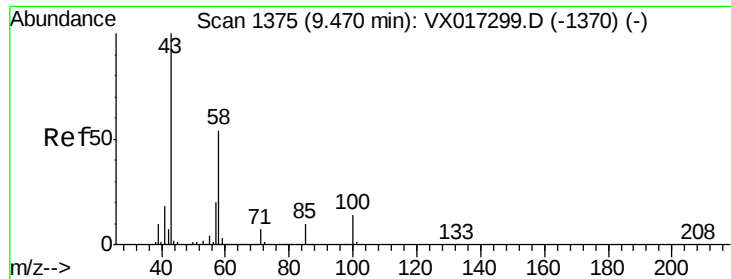
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 21.125 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.7	32.2	48.2
85	18.8	14.8	22.2





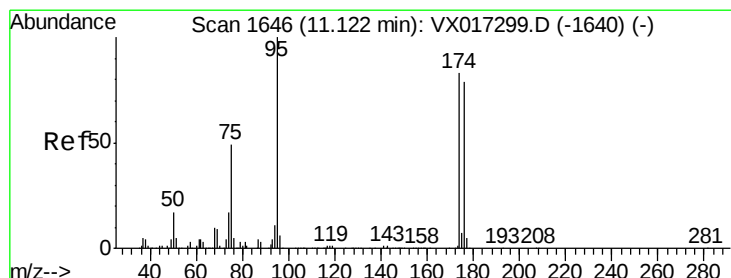
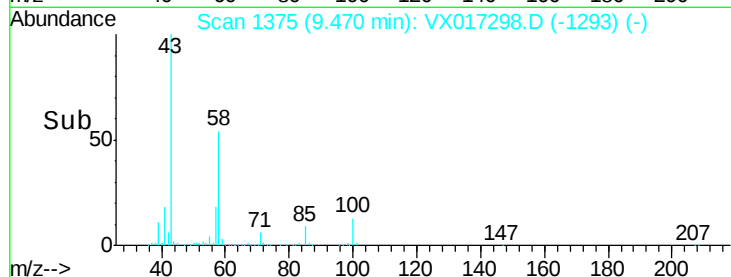
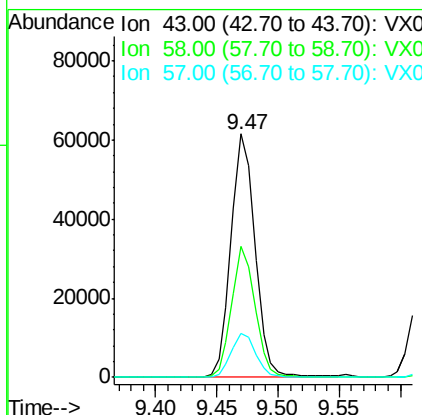
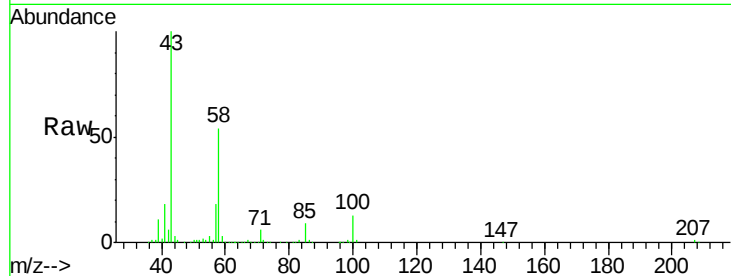
#59
2-Hexanone
Concen: 21.570 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.4	65.0
57	18.6	15.1	22.7

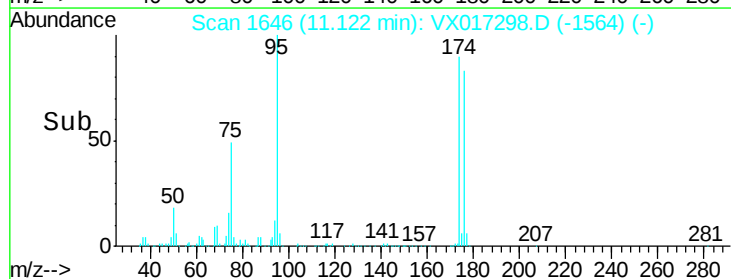
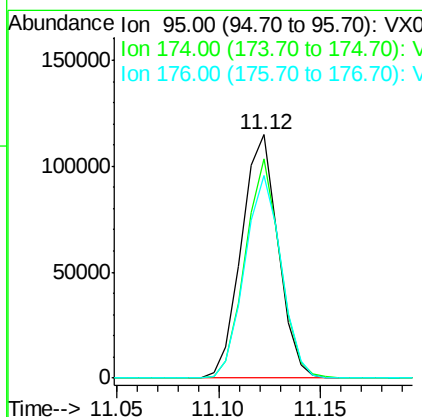
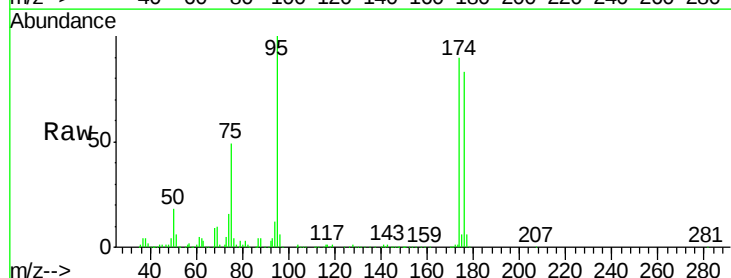
Manual Integrations
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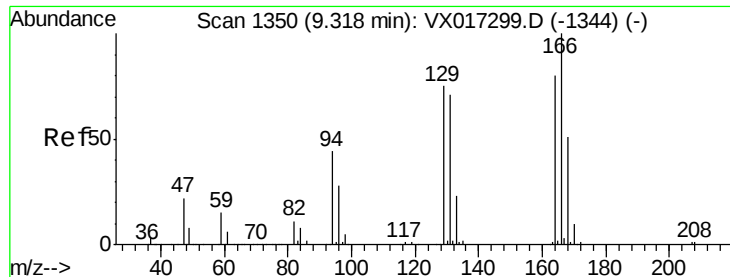
MMDadoda
7/10/2020 12:36:32 PM



#60
4-Bromofluorobenzene
Concen: 29.275 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.3	66.9	100.3
176	83.4	65.5	98.3





#61

Tetrachloroethene

Concen: 5.861 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 21847

Ion Ratio Lower Upper

164 100

166 119.1 99.8 149.6

129 80.2 74.4 111.6

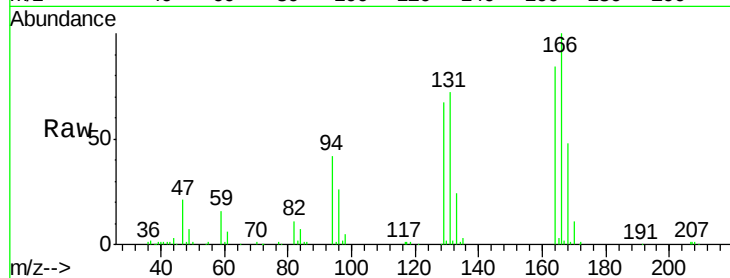
131 85.9 70.6 105.8

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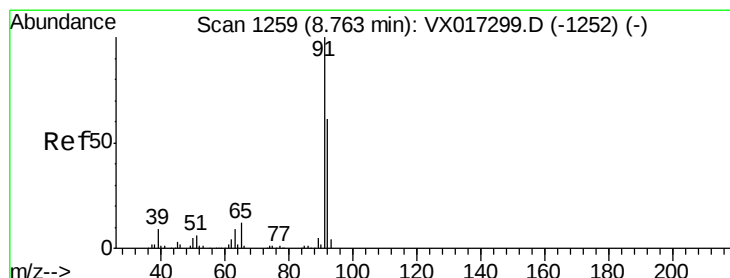
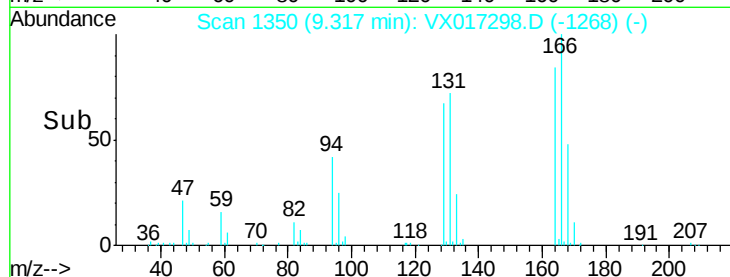
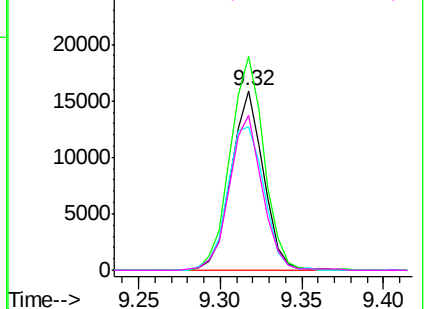


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 4.747 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017298.D

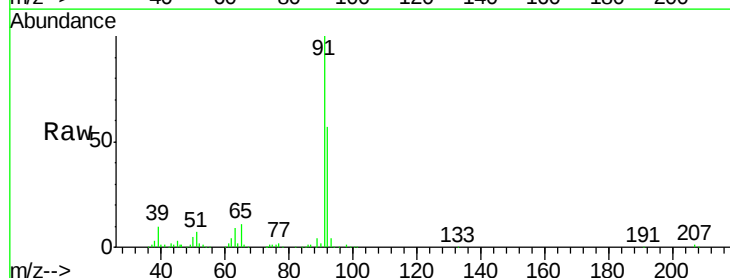
Acq: 09 Jul 2020 10:29

Tgt Ion: 91 Resp: 73423

Ion Ratio Lower Upper

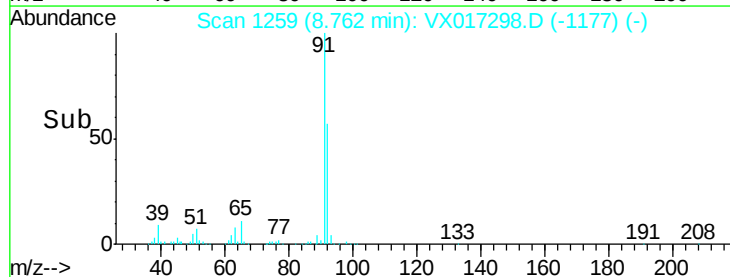
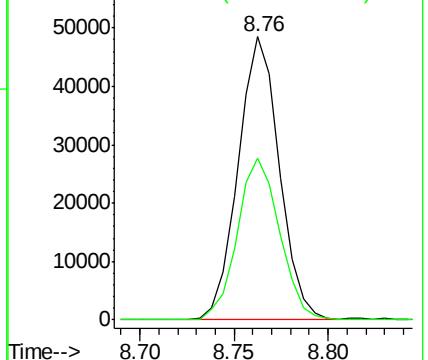
91 100

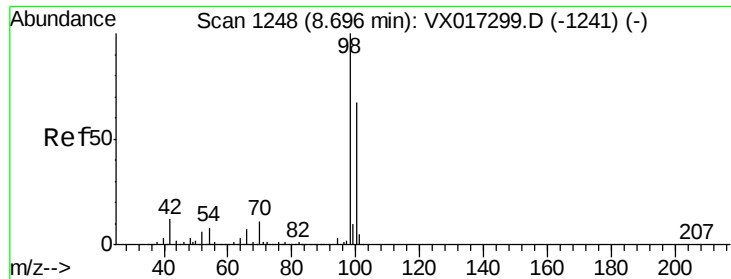
92 58.8 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.758 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 380849

Ion Ratio Lower Upper

98 100

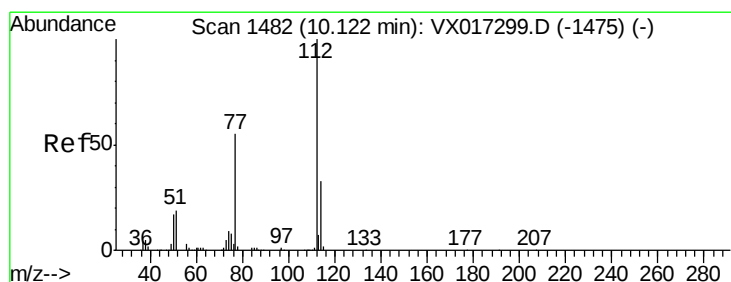
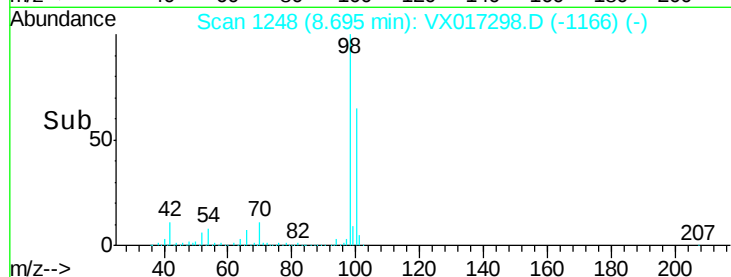
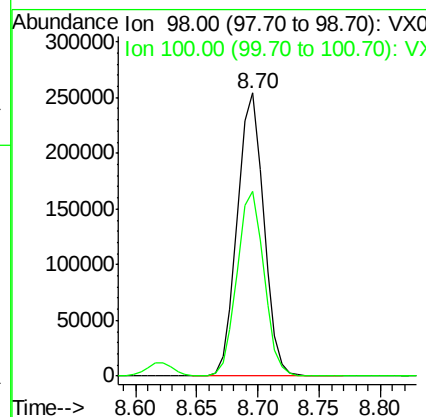
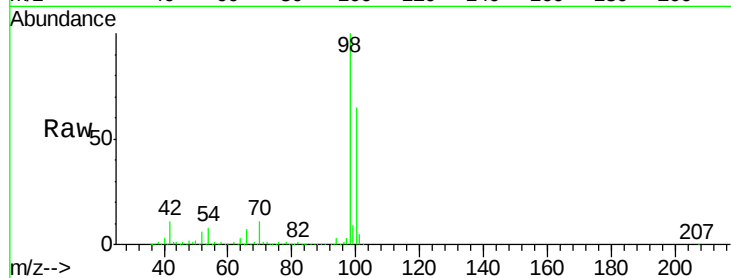
100 66.4 52.8 79.2

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#64

Chlorobenzene

Concen: 5.032 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017298.D

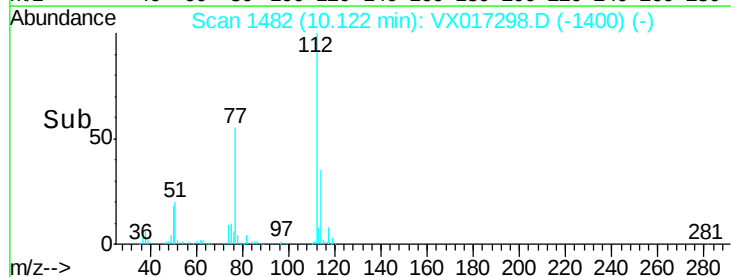
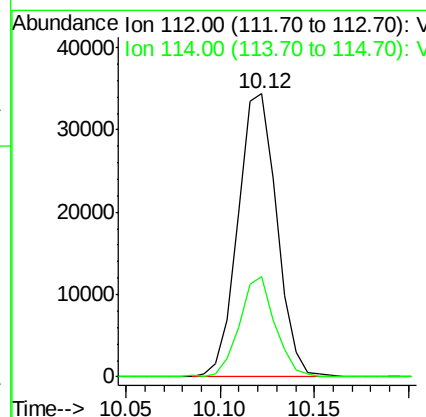
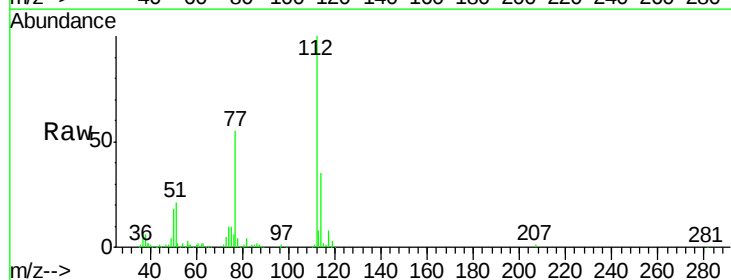
Acq: 09 Jul 2020 10:29

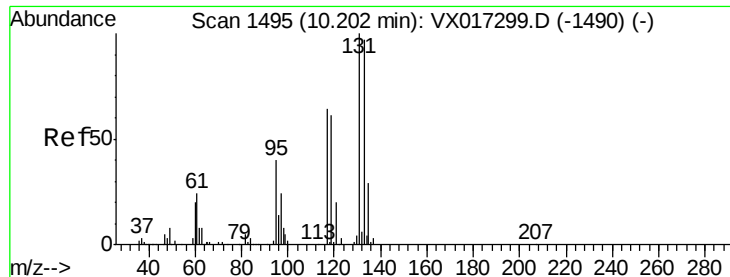
Tgt Ion: 112 Resp: 49262

Ion Ratio Lower Upper

112 100

114 35.2 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 5.463 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

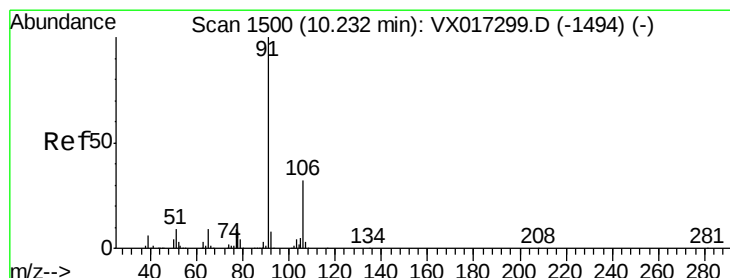
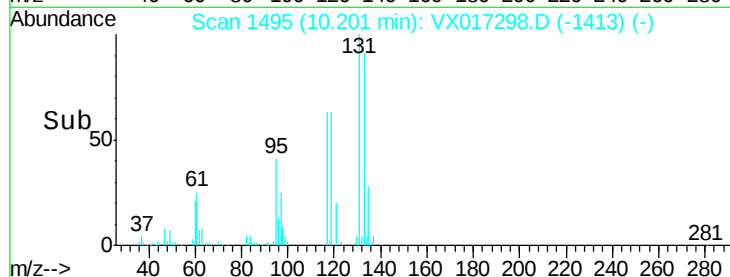
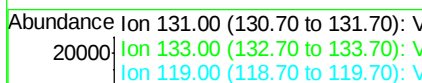
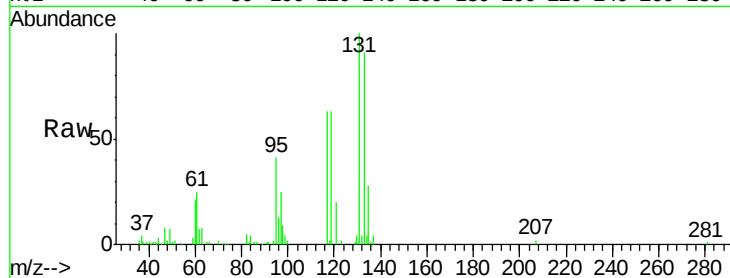
ClientSampleId :

VSTDIC005

Tot Ion:	131	Resp:	20310
Ion Ratio	Lower	Upper	
131	100		
133	90.9	0.0	196.8
119	62.3	0.0	126.0

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#66

Ethyl Benzene

Concen: 4.592 ug/l

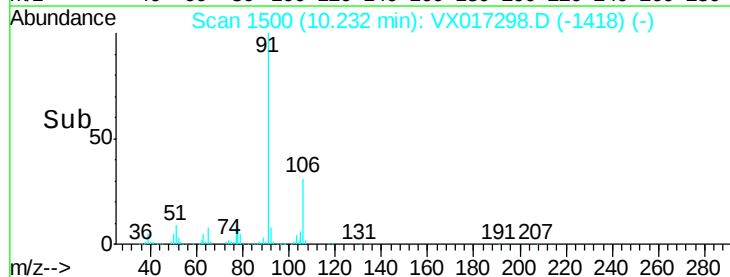
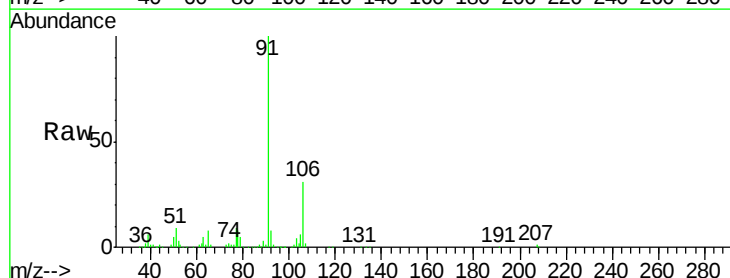
RT: 10.23 min Scan# 1500

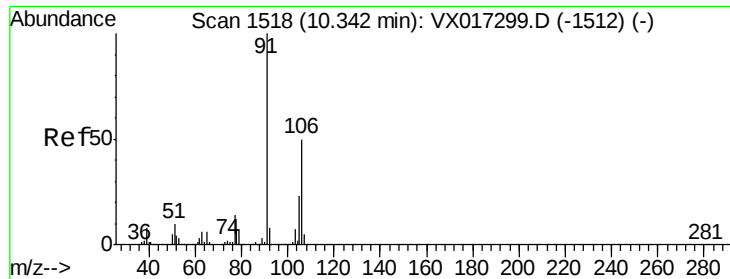
Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	91	Resp:	78818
Ion Ratio	Lower	Upper	
91	100		
106	30.8	25.2	37.8





#67

m/p-Xylenes

Concen: 9.215 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 60138

Ion Ratio Lower Upper

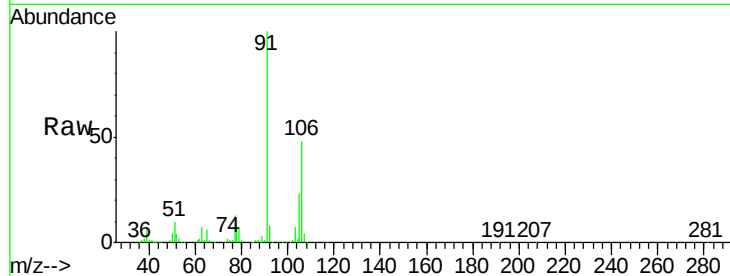
106 100

91 201.7 159.7 239.5

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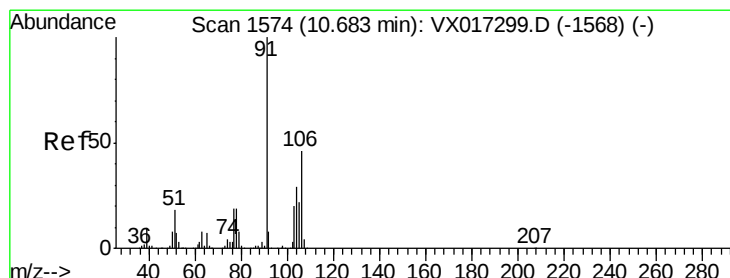
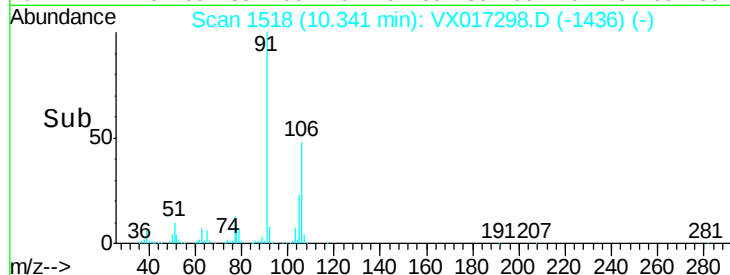
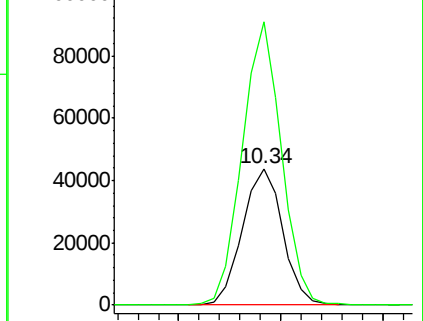
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 4.463 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017298.D

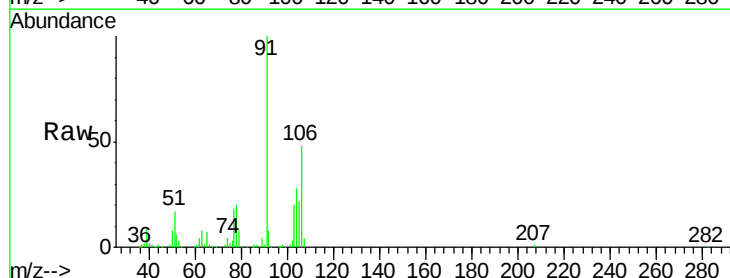
Acq: 09 Jul 2020 10:29

Tgt Ion:106 Resp: 27706

Ion Ratio Lower Upper

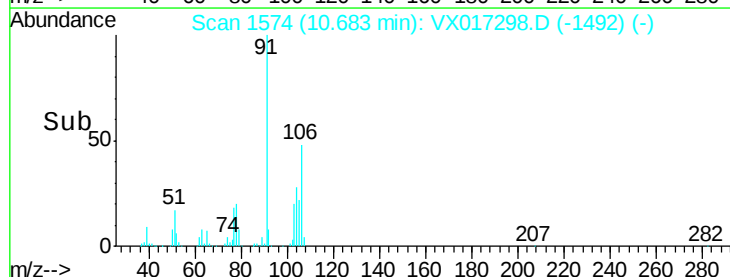
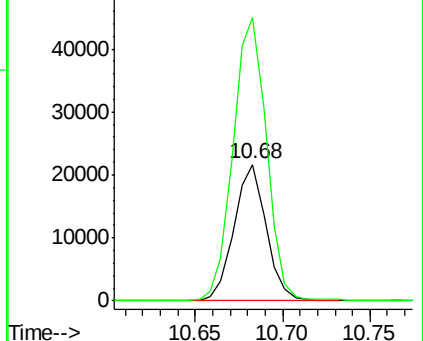
106 100

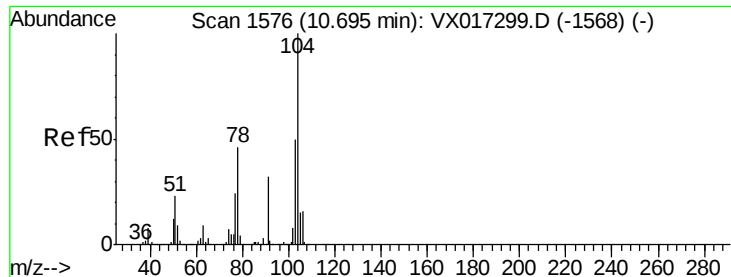
91 214.8 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





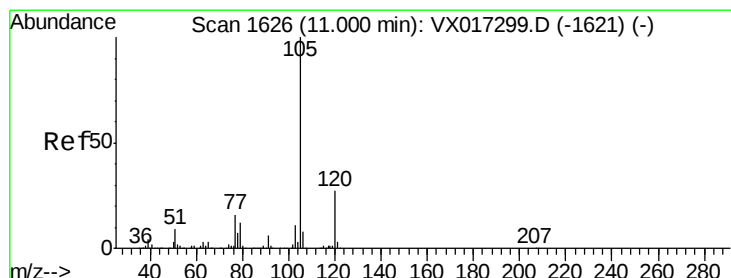
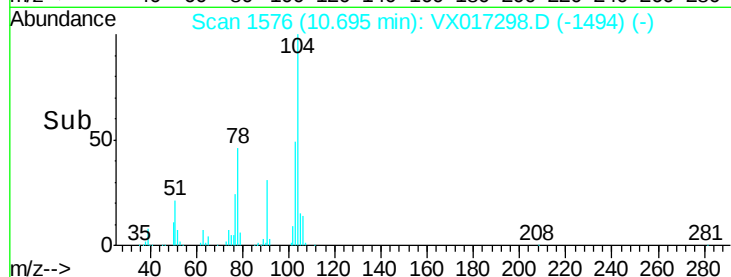
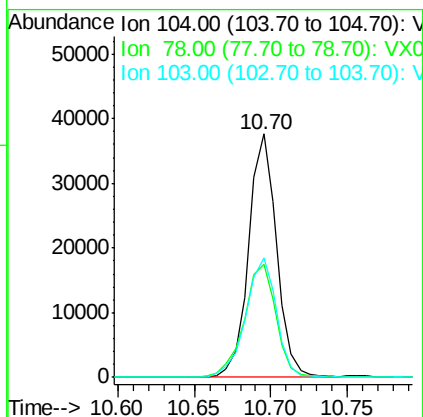
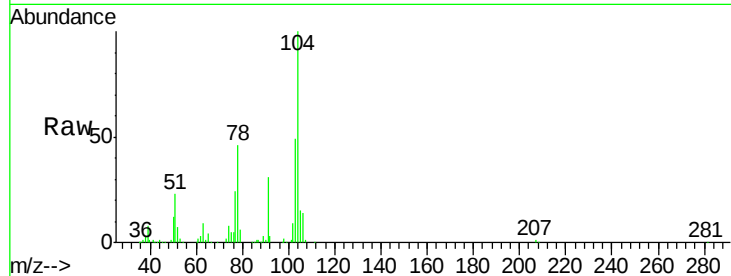
#69
Stvrene
Concen: 4.443 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.7	40.8	61.2
103	53.8	44.3	66.5

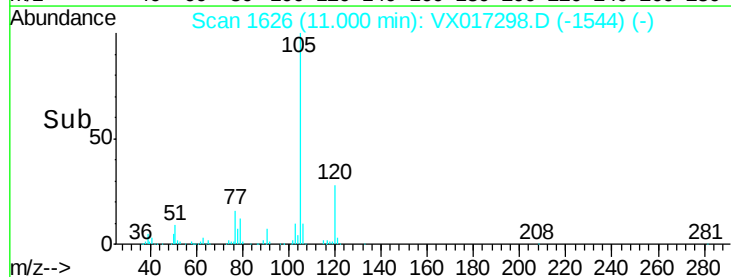
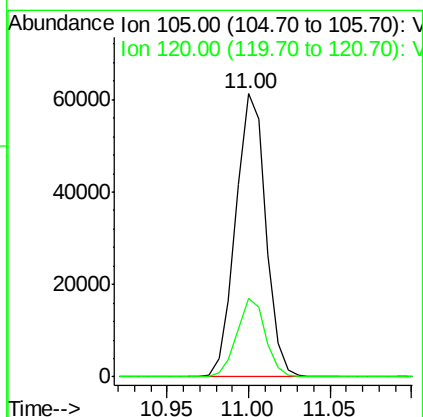
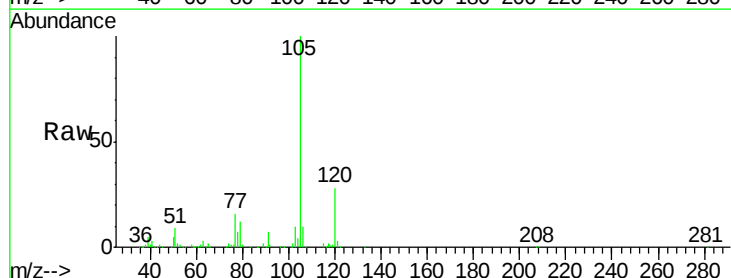
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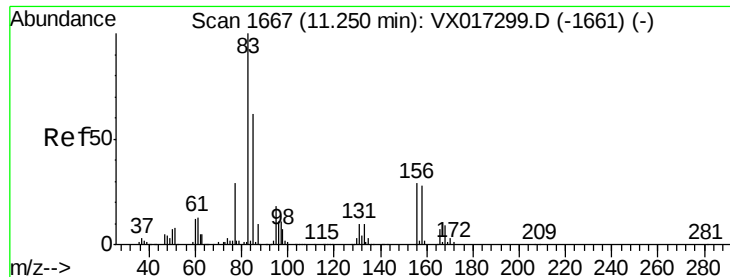
MMDadoda
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#70
Isopropylbenzene
Concen: 4.628 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	19.3	35.8





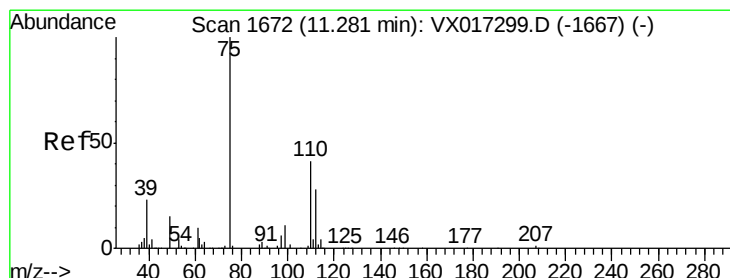
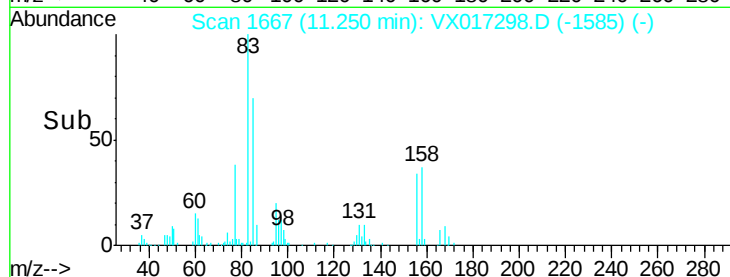
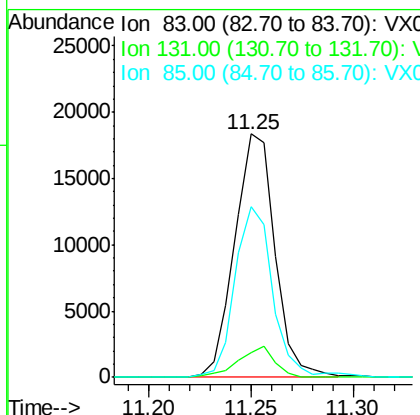
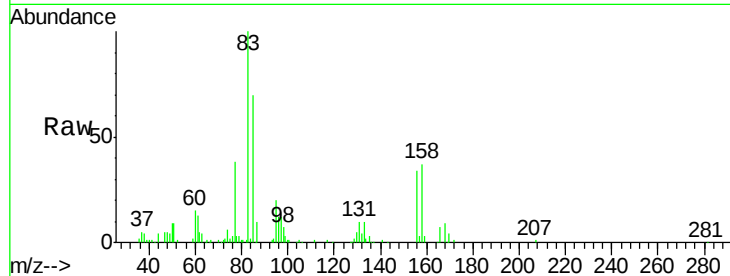
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.798 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
83	100	25161		
131	11.5		5.5	16.5
85	64.8		31.5	94.5

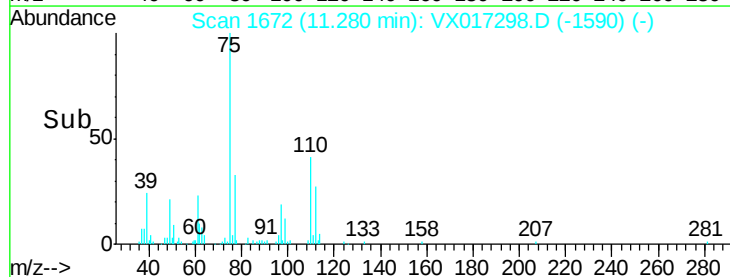
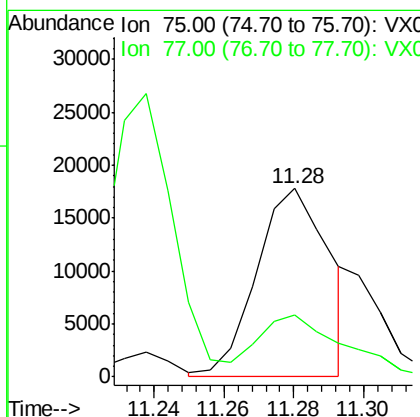
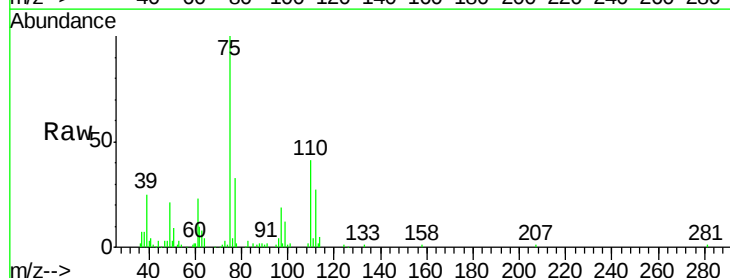
Manual Integrations
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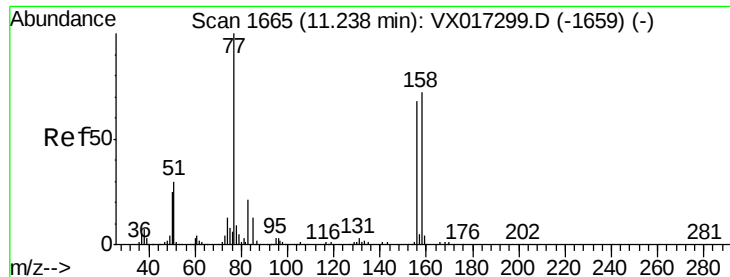
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#72
 1,2,3-Trichloropropane
 Concen: 5.078 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25597		
77	38.1		0.0	72.2





#73

Bromobenzene

Concen: 5.226 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

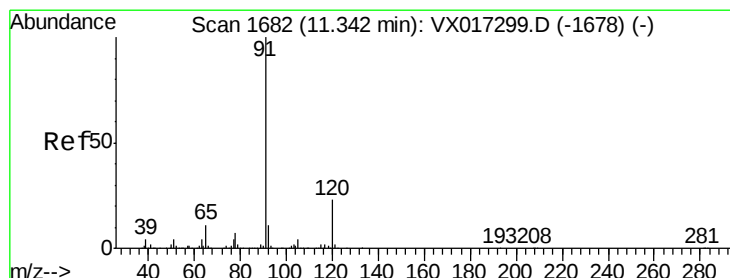
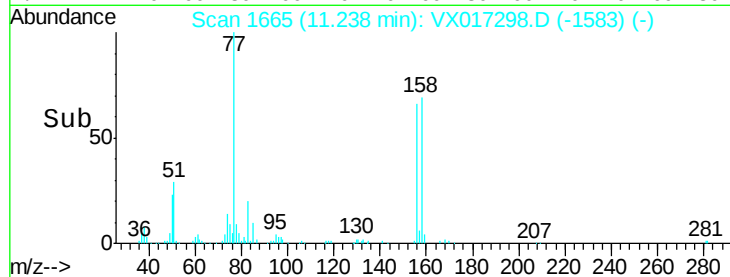
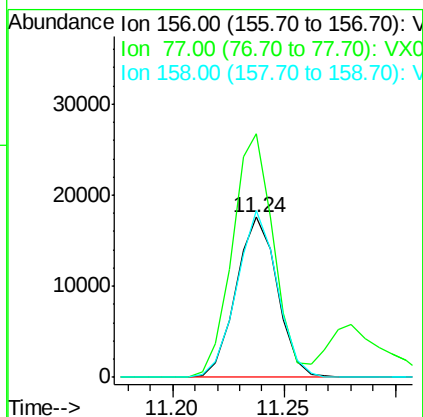
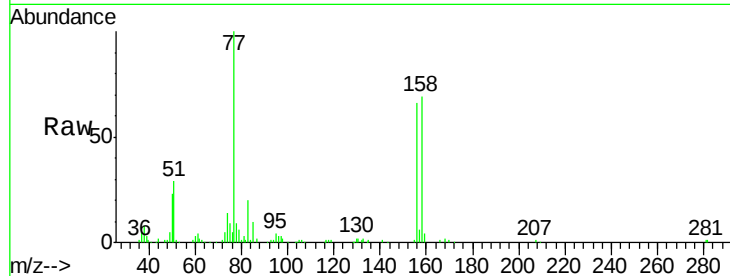
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	22760
Ion Ratio	Lower	Upper	
156	100		
77	151.5	0.0	299.2
158	101.8	0.0	199.0

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#74

n-propylbenzene

Concen: 4.592 ug/l

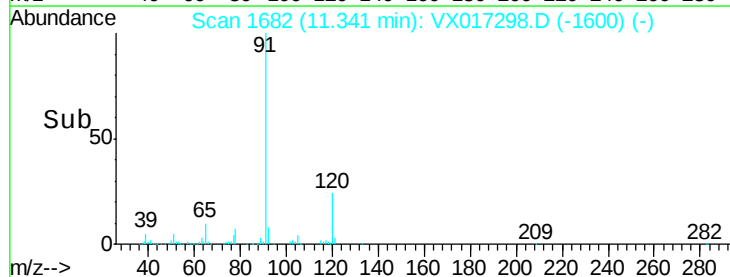
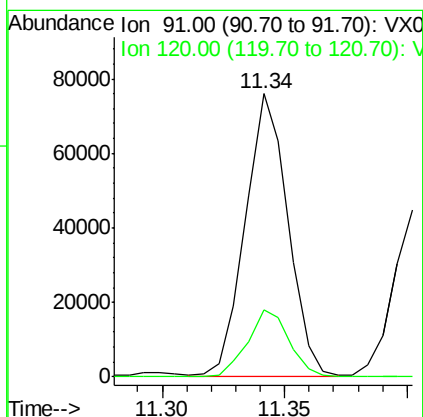
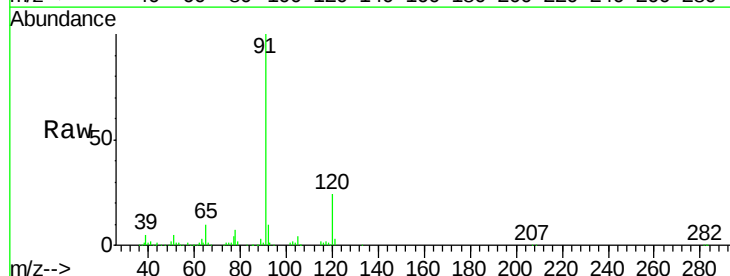
RT: 11.34 min Scan# 1682

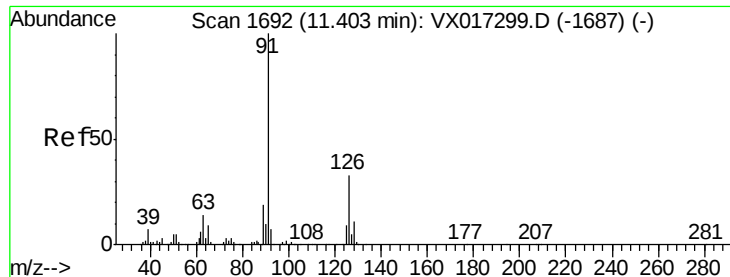
Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	91	Resp:	92179
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	48.4





#75

2-Chlorotoluene

Concen: 4.793 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 56795

Ion Ratio Lower Upper

91 100

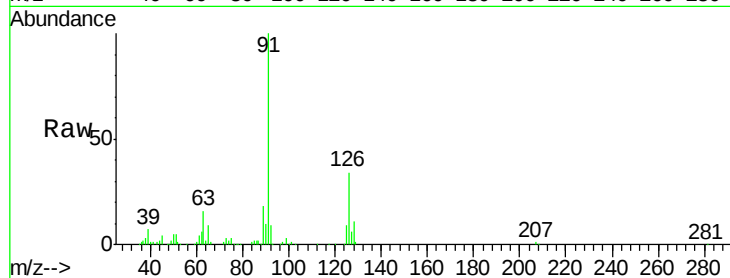
126 34.8 0.0 68.4

Manual Integrations

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

Ion 126.00 (125.70 to 126.70): VX017299.D (-1687) (-)

80000

60000

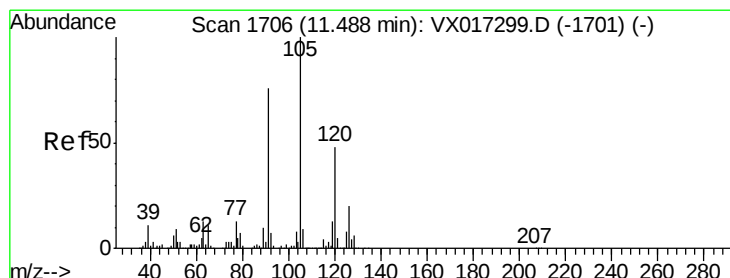
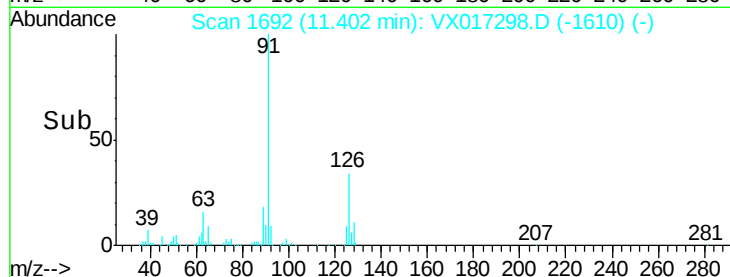
40000

20000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 4.570 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017298.D

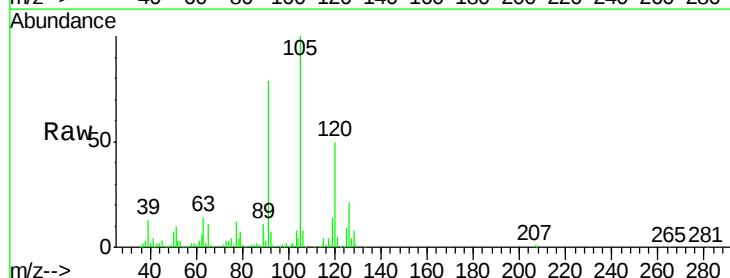
Acq: 09 Jul 2020 10:29

Tgt Ion: 105 Resp: 65511

Ion Ratio Lower Upper

105 100

120 49.6 0.0 98.8



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

Ion 120.00 (119.70 to 120.70): VX017299.D (-1701) (-)

60000

50000

40000

30000

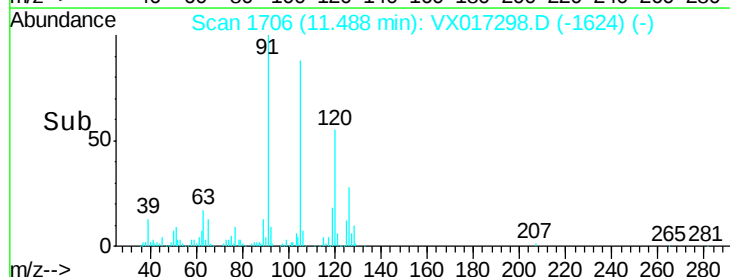
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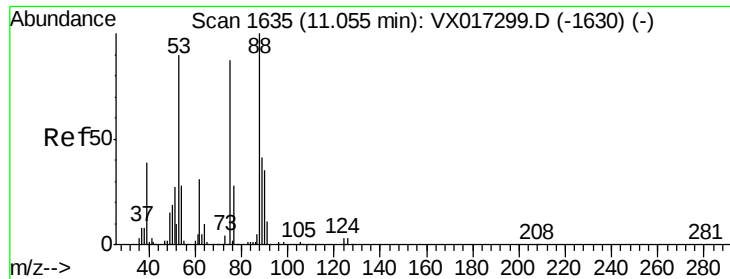
10000

0

11.50 11.60

Time-->





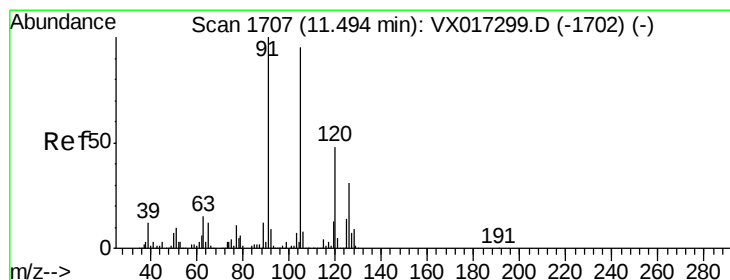
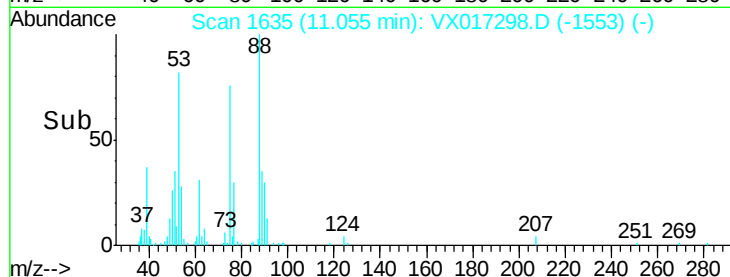
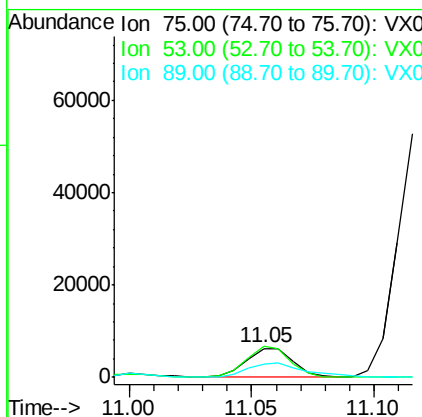
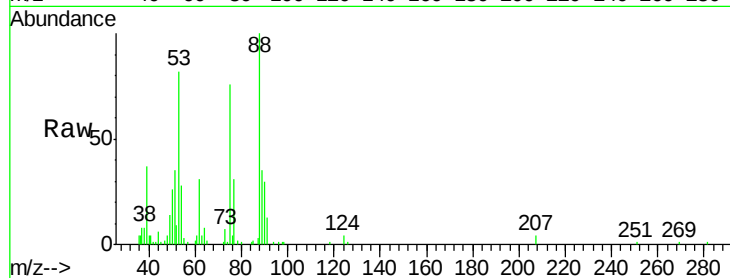
#77
t-1,4-Dichloro-2-butene
Concen: 4.139 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.8	52.1	156.3
89	45.8	23.7	71.1

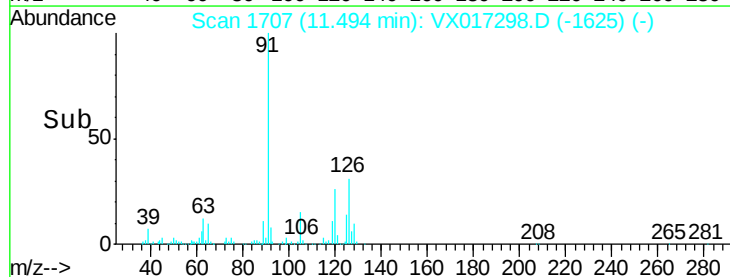
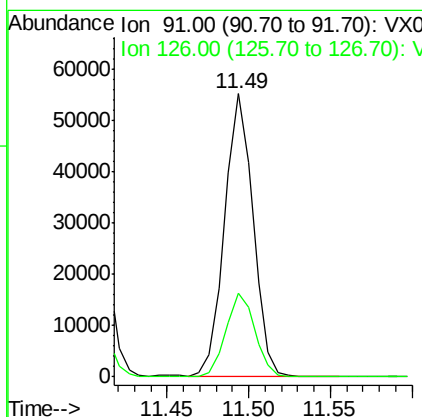
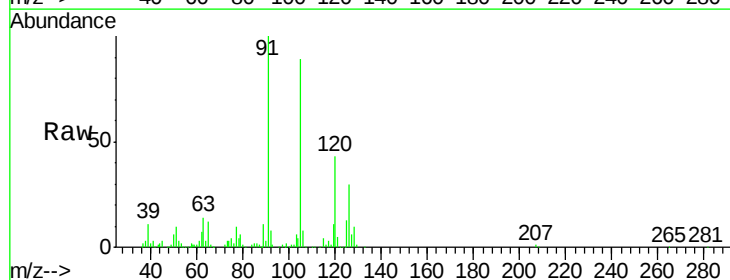
Manual Integrations
APPROVED

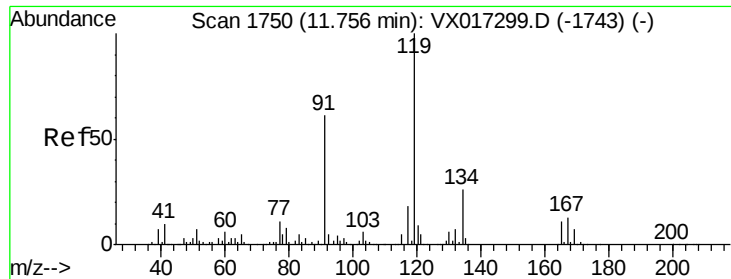
MMDadoda
7/10/2020 12:36:32 PM



#78
4-Chlorotoluene
Concen: 4.823 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	0.0	61.2





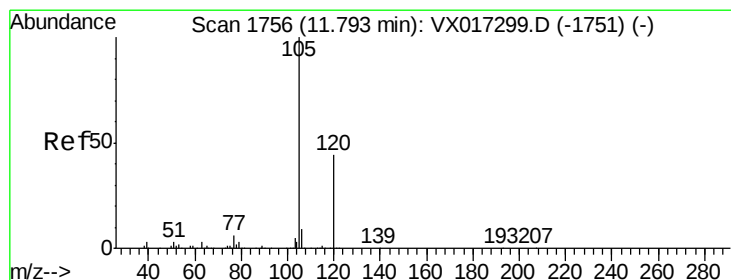
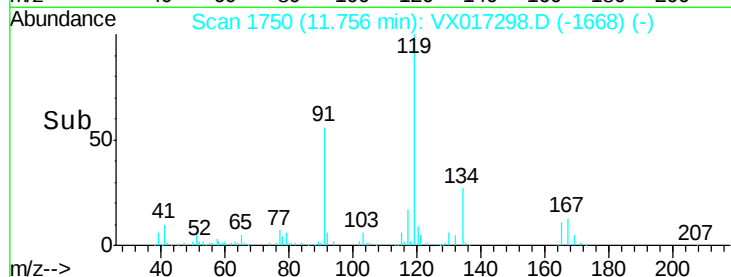
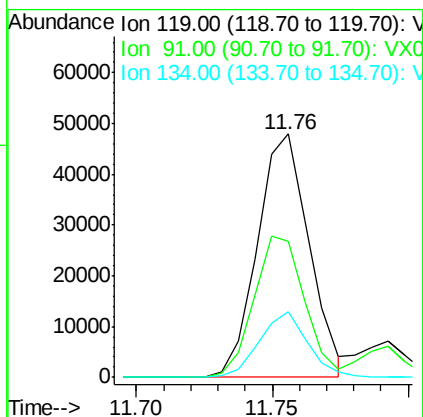
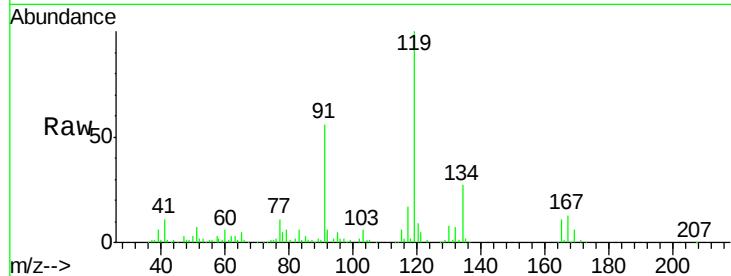
#79
tert-butylbenzene
Concen: 4.587 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	62878		
91	57.2		0.0	113.6
134	25.2		0.0	48.0

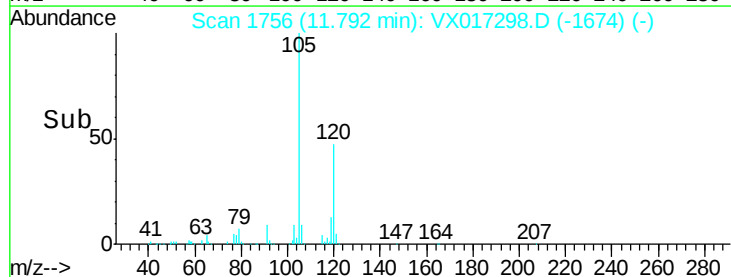
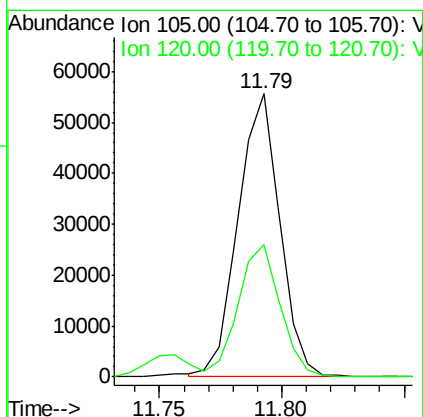
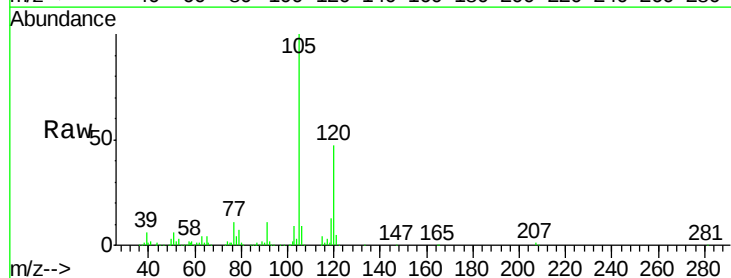
Manual Integrations
APPROVED

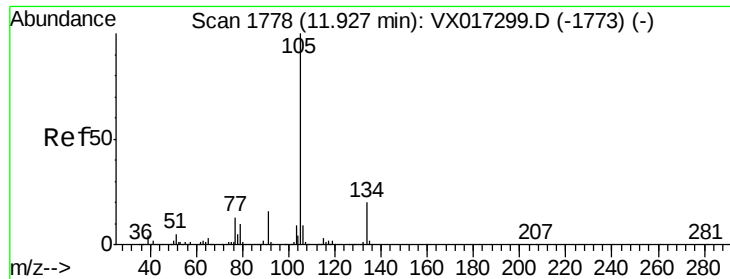
MMDadoda
7/10/2020 12:36:32 PM



#80
1,2,4-Trimethylbenzene
Concen: 4.591 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	66025		
120	47.2		0.0	93.6





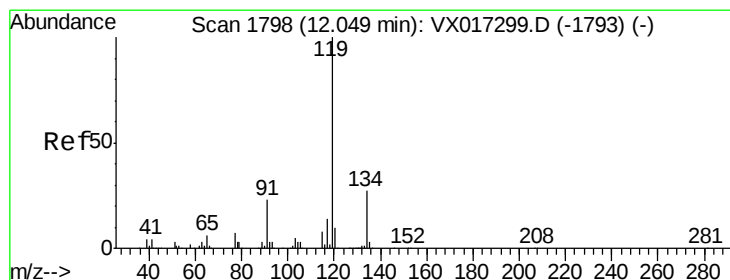
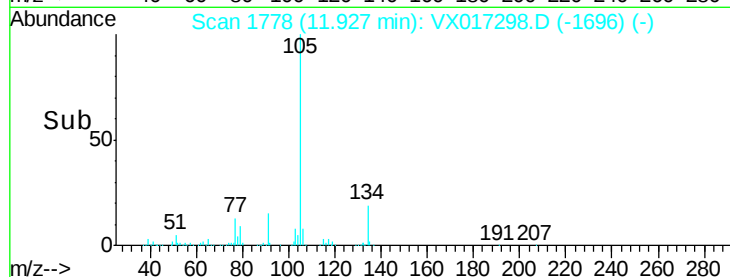
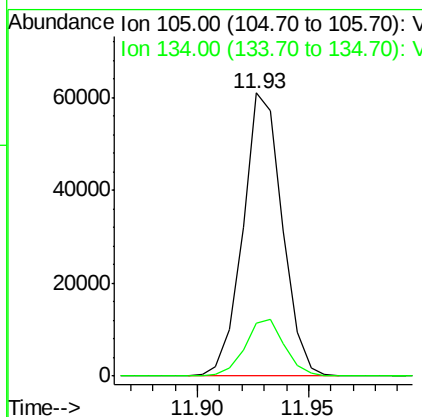
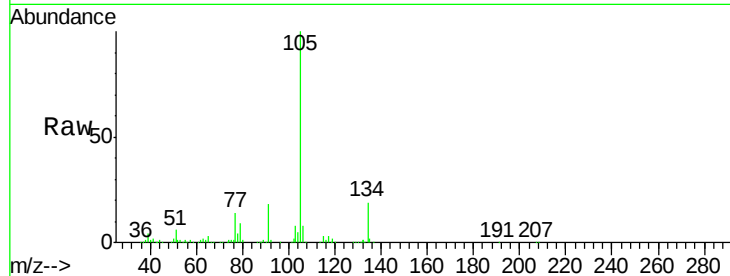
#81
 sec-Butylbenzene
 Concen: 4.557 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	0.0	41.8

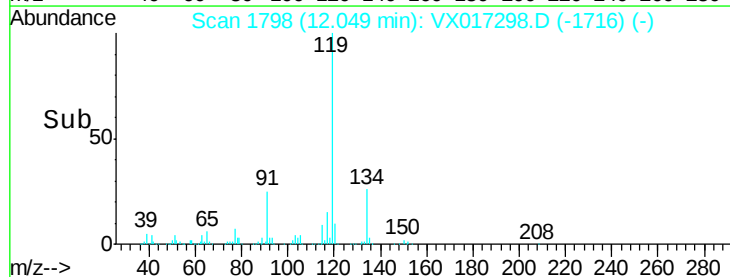
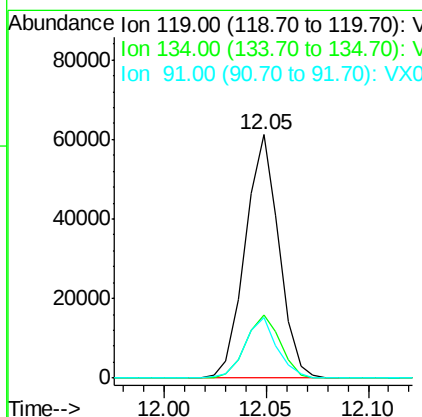
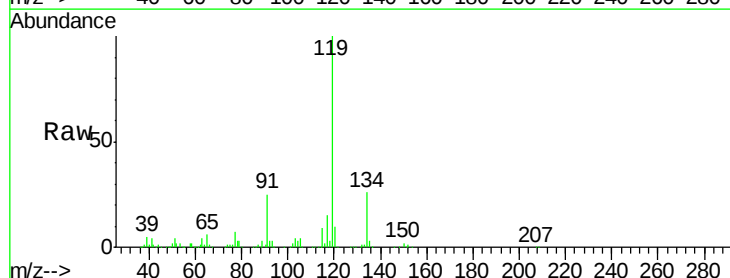
Manual Integrations
 APPROVED

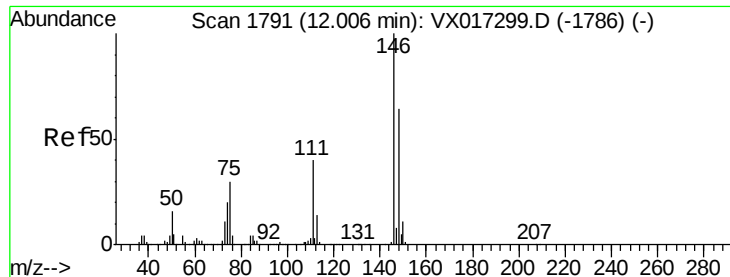
MMDadoda
 7/10/2020 12:36:32 PM



#82
 p-Isopropyltoluene
 Concen: 4.661 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	53.6
91	24.1	0.0	48.0





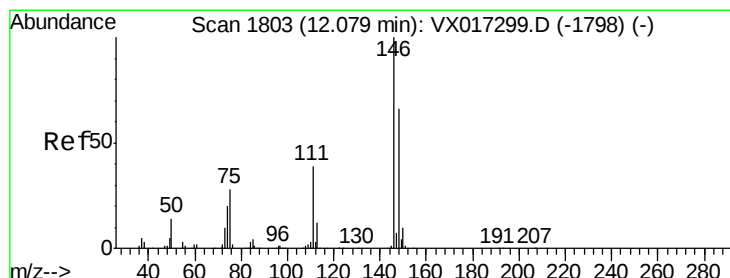
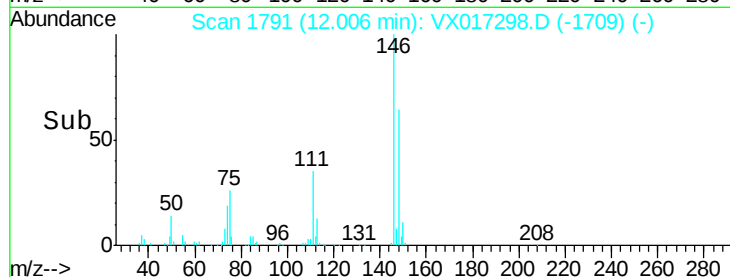
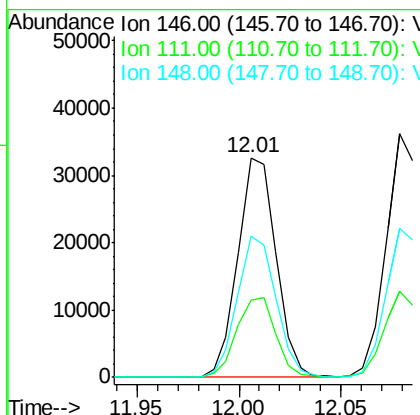
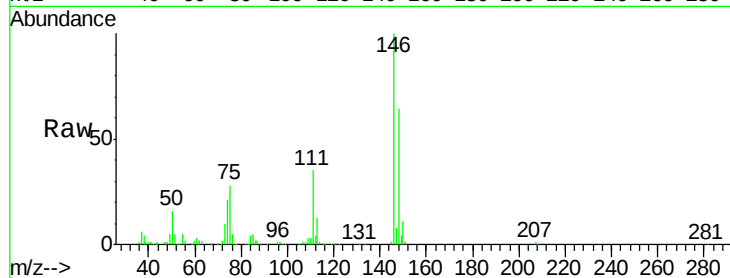
#83
 1,3-Dichlorobenzene
 Concen: 5.451 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.5	58.5
148	65.4	31.8	95.3

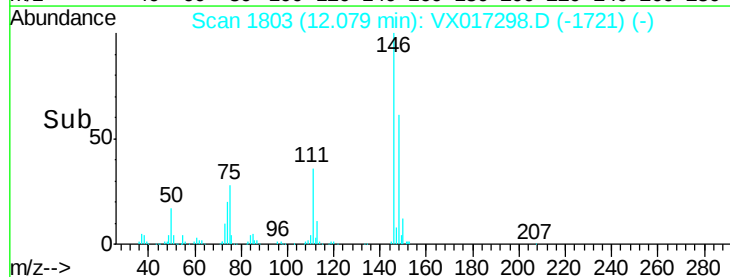
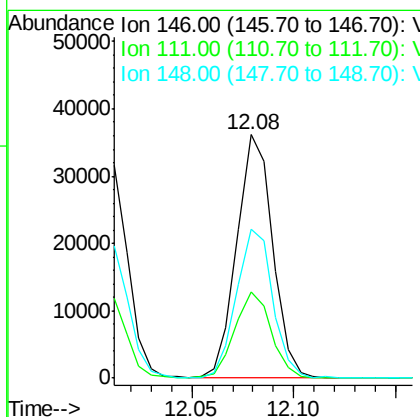
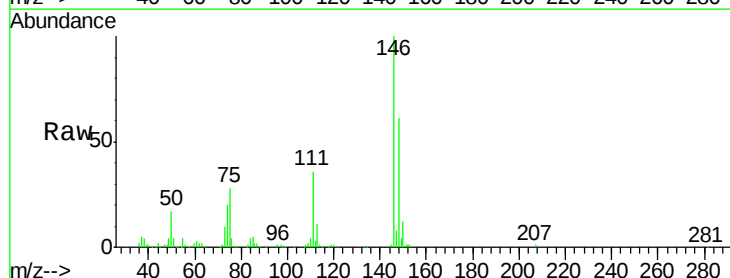
Manual Integrations
 APPROVED

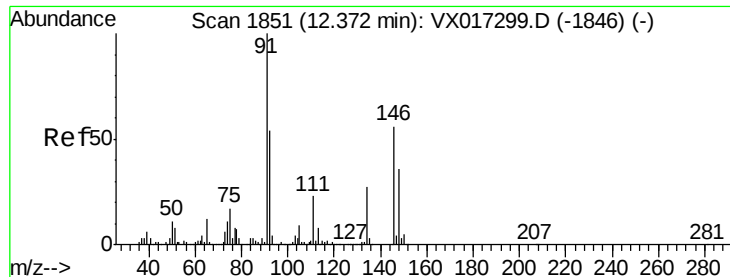
MMDadoda
 7/10/2020 12:36:32 PM



#84
 1,4-Dichlorobenzene
 Concen: 5.629 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	19.1	57.3
148	61.1	32.6	97.8





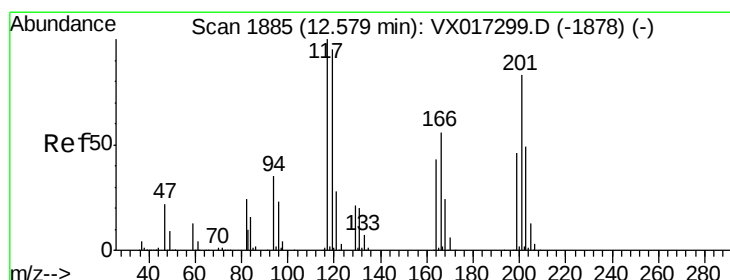
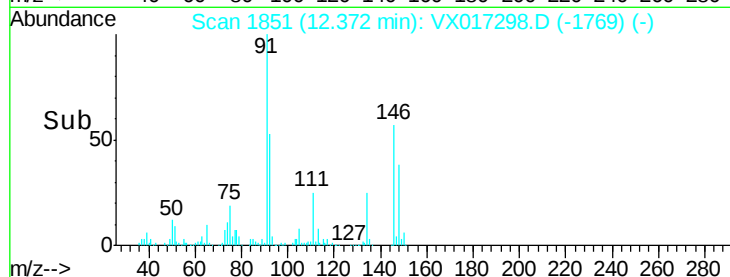
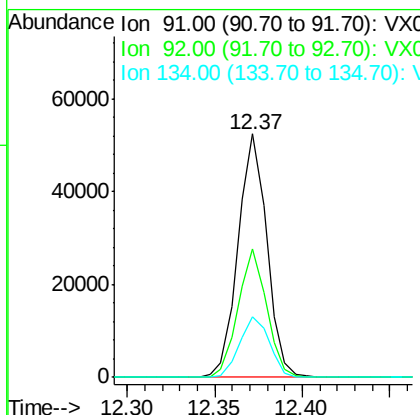
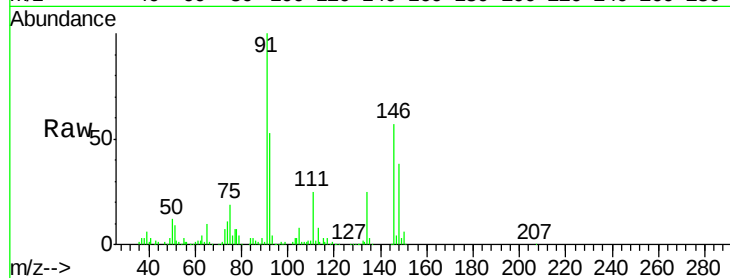
#85
n-Butylbenzene
Concen: 4.393 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	60157		
92	52.0		0.0	108.2
134	25.9		0.0	54.2

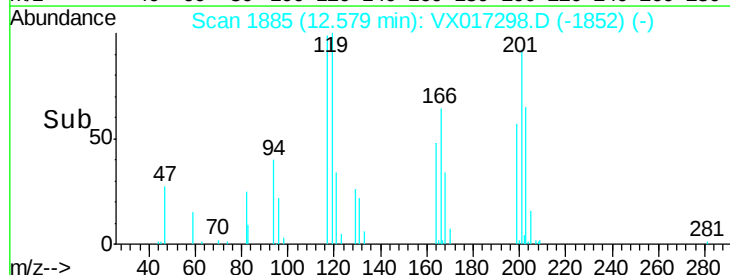
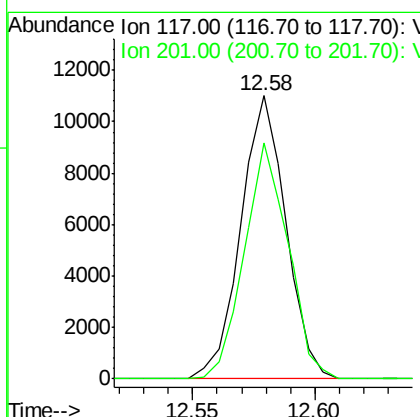
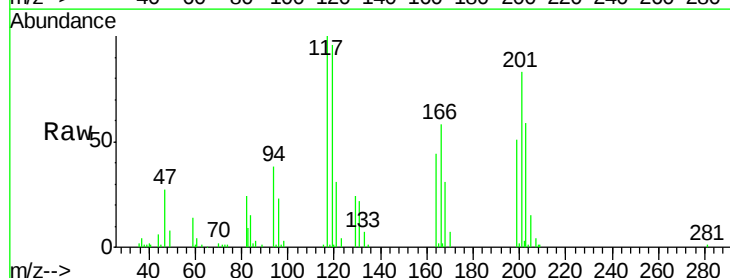
Manual Integrations
APPROVED

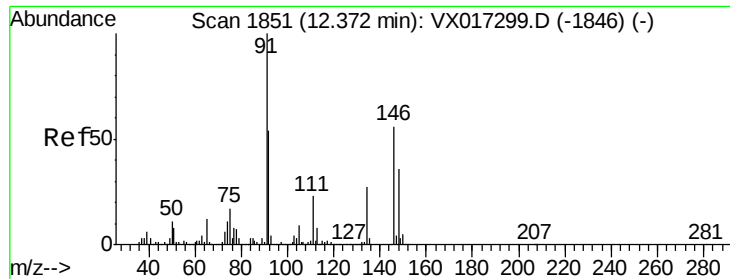
MMDadoda
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#86
Hexachloroethane
Concen: 4.820 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	14074		
201	80.8		41.0	123.0





#87

1,2-Dichlorobenzene

Concen: 5.489 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

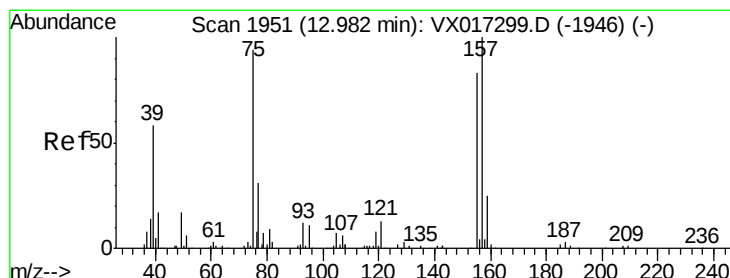
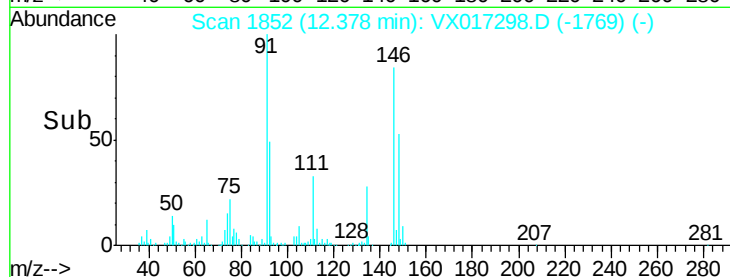
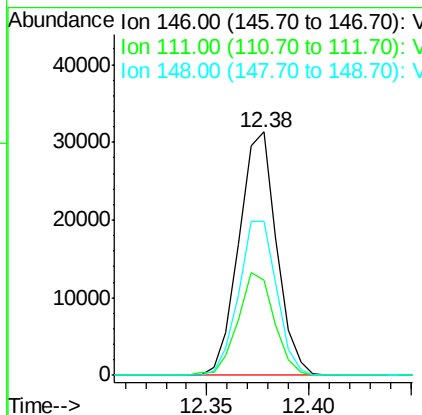
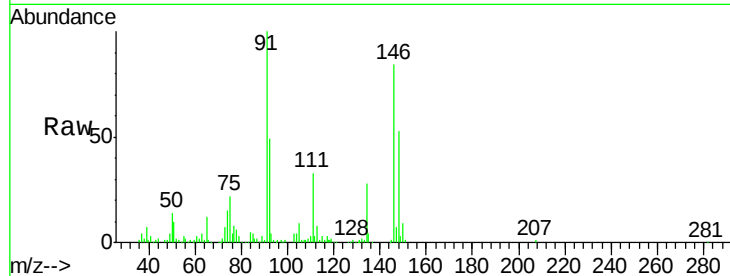
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	40296
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.6	61.9
148	63.8	31.6	94.8

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 4.717 ug/l

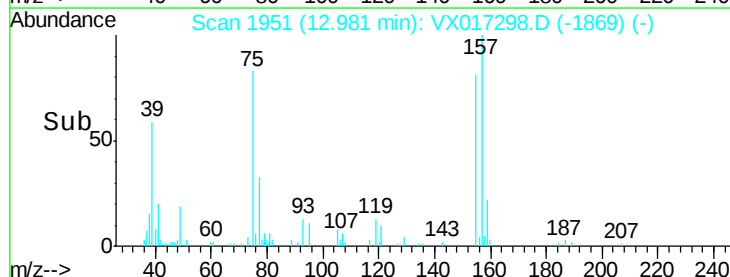
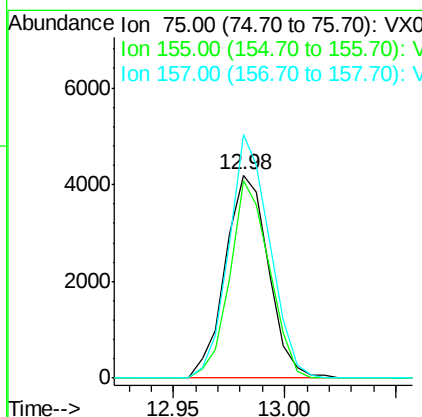
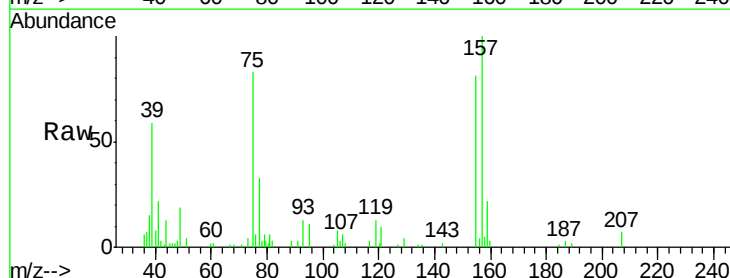
RT: 12.98 min Scan# 1951

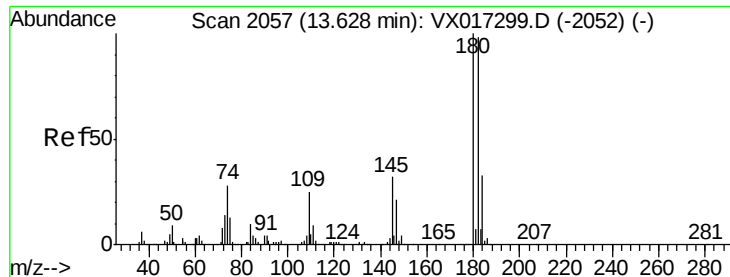
Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion:	75	Resp:	5664
Ion Ratio	Lower	Upper	
75	100		
155	88.8	73.4	110.0
157	113.5	90.5	135.7





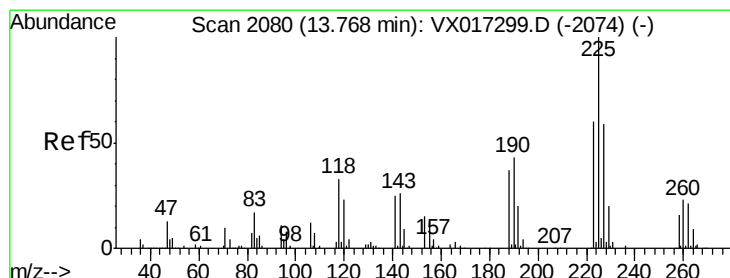
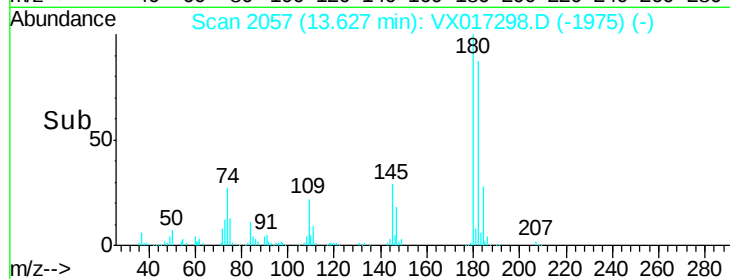
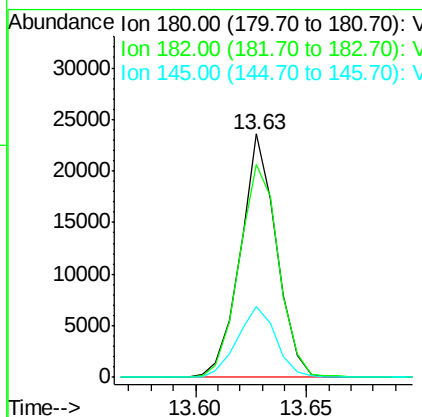
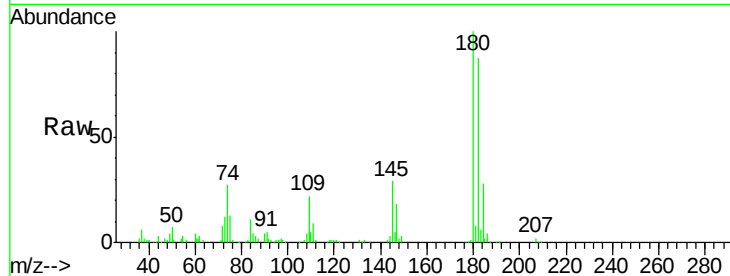
#89
 1,2,4-Trichlorobenzene
 Concen: 5.345 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.8	116.8
145	31.4	25.0	37.4

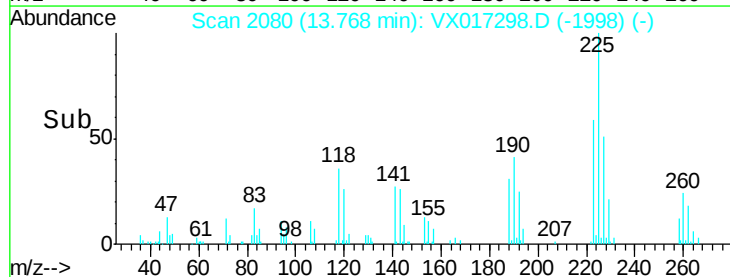
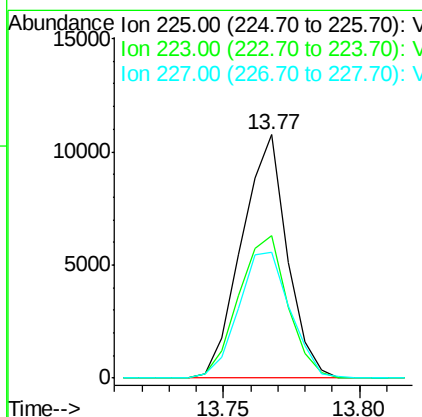
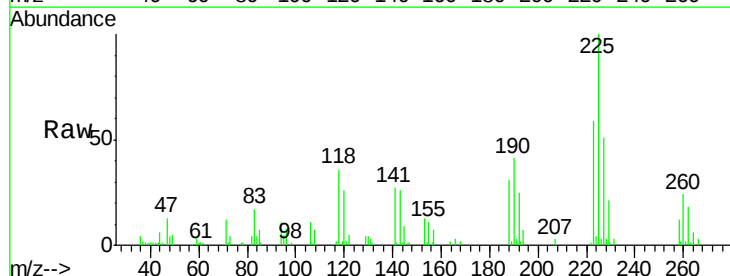
Manual Integrations
 APPROVED

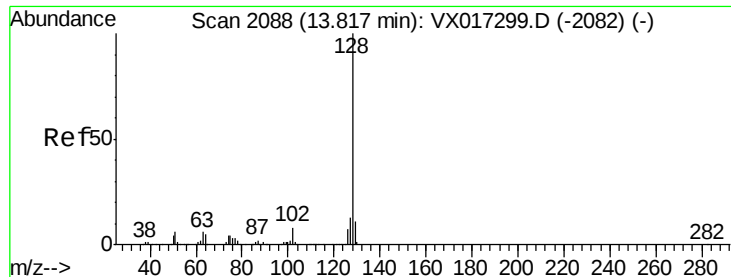
MMDadoda
 7/10/2020 12:36:32 PM



#90
 Hexachlorobutadiene
 Concen: 6.473 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	129.0
227	58.7	0.0	124.4





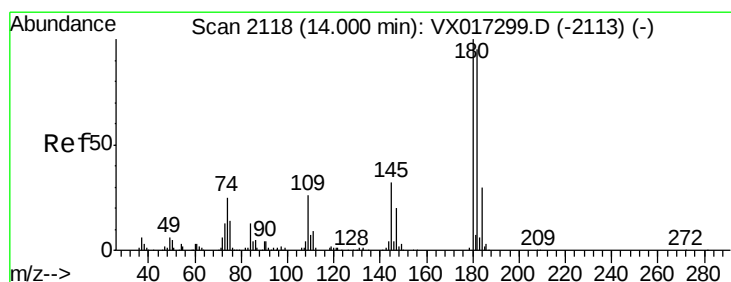
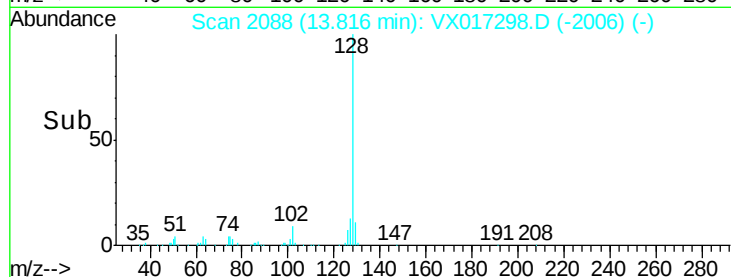
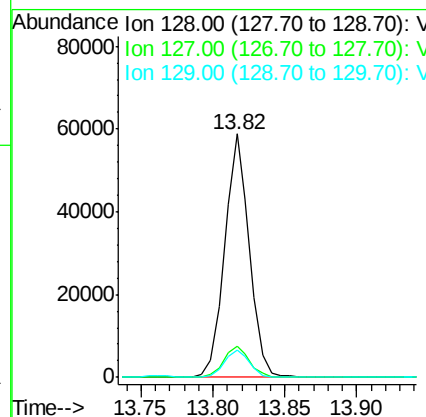
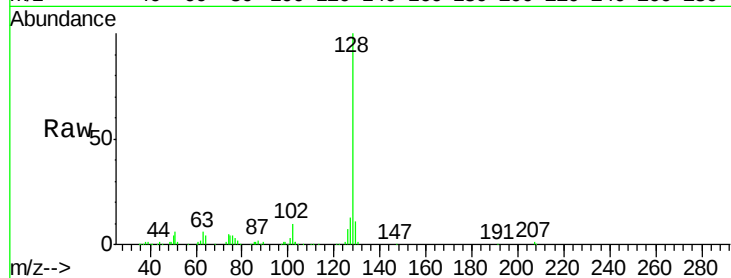
#91
Naphthalene
Concen: 4.411 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.3	9.0	13.4

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 5.419 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	0.0	185.6
145	31.5	0.0	63.0

