

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017322.D
 Acq On : 09 Jul 2020 20:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:11 PM

Quant Time: Jul 10 06:56:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50326	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	246146	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	240939	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	110448	30.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.80%
60) 4-Bromofluorobenzene	11.12	95	122262	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	8.70	98	307835	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	30162	13.710	ug/l 98
3) Chloromethane	1.31	50	43306	18.478	ug/l 96
4) Vinyl Chloride	1.39	62	40359	16.712	ug/l 99
5) Bromomethane	1.64	94	34853	21.653	ug/l 94
6) Chloroethane	1.72	64	29114	18.232	ug/l 94
7) Trichlorofluoromethane	1.92	101	65466	15.261	ug/l 96
8) Diethyl Ether	2.17	74	29236	19.210	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34100	14.537	ug/l 97
10) 1,1-Dichloroethene	2.36	96	40755	17.623	ug/l 94
11) Methyl Iodide	2.49	142	44366	16.292	ug/l 95
12) Methyl Acetate	2.75	43	68294	21.194	ug/l 99
13) Acrolein	2.28	56	36930	88.623	ug/l 97
14) Acrylonitrile	3.12	53	149641	102.923	ug/l 98
15) Acetone	2.42	58	39434	107.545	ug/l 98
16) Carbon Disulfide	2.55	76	108600	17.313	ug/l 100
17) Allyl chloride	2.71	41	76901	17.874	ug/l 95
18) Methylene Chloride	2.84	84	57334	20.128	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	49103	18.160	ug/l 92
20) Diisopropyl ether	3.82	45	168923	19.638	ug/l 97
21) 1,1-Dichloroethane	3.67	63	92401	19.165	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	58957	19.112	ug/l 99
23) tert-Butyl Alcohol	3.01	59	61976	103.305	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	172215	19.505	ug/l 99
25) Chloroform	5.18	83	97693	19.017	ug/l 96
26) Cyclohexane	5.54	56	53214	14.167	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	61555	18.135	ug/l 98
30) 2-Butanone	4.64	43	205252	110.551	ug/l 98
31) 2,2-Dichloropropane	4.55	77	70669	16.618	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	83045	18.792	ug/l 98
33) Carbon Tetrachloride	5.76	117	70261	17.241	ug/l 97
34) Benzene	6.11	78	201617	19.962	ug/l 98
35) Methacrylonitrile	5.01	41	42981	20.677	ug/l 92
36) 1,2-Dichloroethane	6.16	62	82993	20.865	ug/l 100
37) Trichloroethene	7.19	130	58915	19.394	ug/l 99
38) Methylcyclohexane	7.44	83	49022	13.705	ug/l 99
39) 1,2-Dichloropropane	7.49	63	51879	19.657	ug/l 96
40) Dibromomethane	7.64	93	39162	20.598	ug/l 99

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Manual Integrations
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Quant Time: Jul 10 06:56:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	81054	20.427	ug/l	96
42) Vinyl Acetate	3.79	43	740490	104.365	ug/l	100
43) Ethyl Acetate	4.79	43	78000	21.358	ug/l	99
44) Isopropyl Acetate	6.42	43	126850	20.877	ug/l	99
45) 1,4-Dioxane	7.71	88	24577	424.340	ug/l	98
46) Methyl methacrylate	7.75	41	61534	20.789	ug/l	97
47) n-amyl Acetate	10.88	43	107150	19.915	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	85864	19.601	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	91182	19.892	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	57373	20.369	ug/l	98
51) Ethyl methacrylate	9.16	69	80900	19.713	ug/l	97
52) 1,3-Dichloropropane	9.35	76	93480	20.374	ug/l	99
53) Dibromochloromethane	9.57	129	67319	19.579	ug/l	95
54) 1,2-Dibromoethane	9.65	107	62688	20.815	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	238261	118.213	ug/l	99
56) Bromoform	10.84	173	52700	19.648	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	405346	106.175	ug/l	100
59) 2-Hexanone	9.47	43	302660	103.997	ug/l	98
61) Tetrachloroethene	9.32	164	56660	18.460	ug/l	93
62) Toluene	8.77	91	219907	19.280	ug/l	98
64) Chlorobenzene	10.12	112	145636	19.137	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	59531	19.146	ug/l	100
66) Ethyl Benzene	10.23	91	236695	18.440	ug/l	98
67) m/p-Xylenes	10.34	106	183451	36.995	ug/l	99
68) o-Xylene	10.68	106	86906	18.443	ug/l	98
69) Styrene	10.70	104	156169	18.687	ug/l	99
70) Isopropylbenzene	11.00	105	229266	17.736	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	83071	20.492	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	81940m	20.577	ug/l	
73) Bromobenzene	11.24	156	70995	19.549	ug/l	97
74) n-propylbenzene	11.34	91	257307	17.183	ug/l	100
75) 2-Chlorotoluene	11.40	91	170058	18.629	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	198096	17.863	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	28054	18.476	ug/l	92
78) 4-Chlorotoluene	11.49	91	200439	18.522	ug/l	99
79) tert-butylbenzene	11.76	119	187970	17.467	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	206299	18.439	ug/l	99
81) sec-Butylbenzene	11.93	105	203077	16.372	ug/l	99
82) p-Isopropyltoluene	12.05	119	196146	16.723	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	123711	18.928	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	125668	19.002	ug/l	97
85) n-Butylbenzene	12.37	91	162291	16.376	ug/l	99
86) Hexachloroethane	12.58	117	39324	17.331	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	119121	19.060	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19952	20.314	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	79204	18.685	ug/l	98
90) Hexachlorobutadiene	13.76	225	27325	16.070	ug/l	96
91) Naphthalene	13.82	128	260860	20.073	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	80385	19.067	ug/l	98

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ClientSampleId :
VSTDCCC020EC

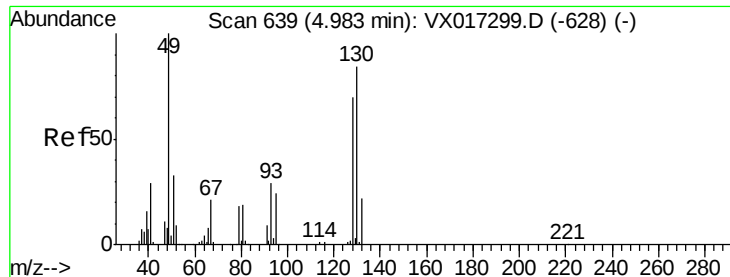
Manual Integrations
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Quant Time: Jul 10 06:56:00 2020
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QLast Update : Thu Jul 09 12:25:06 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

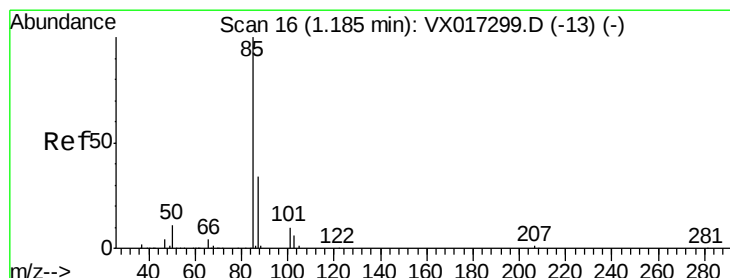
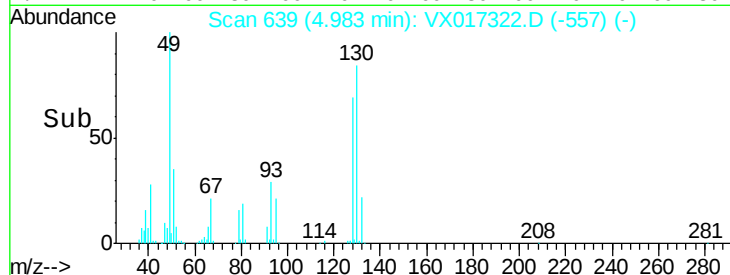
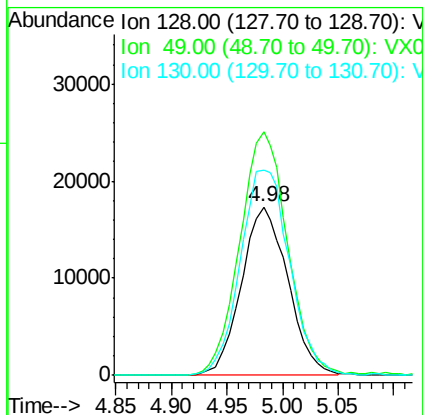
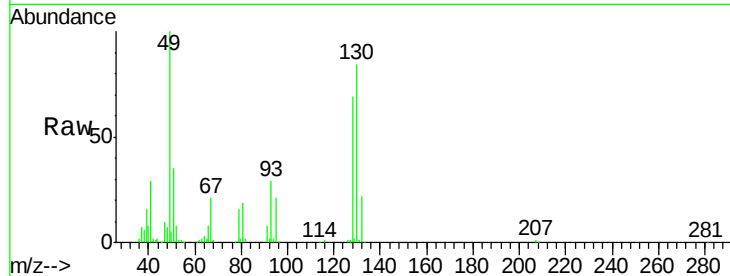
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	50326
Ion	Ratio	Lower	Upper
128	100		
49	149.0	0.0	358.8
130	130.1	0.0	323.8

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#2

Dichlorodifluoromethane

Concen: 13.710 ug/l

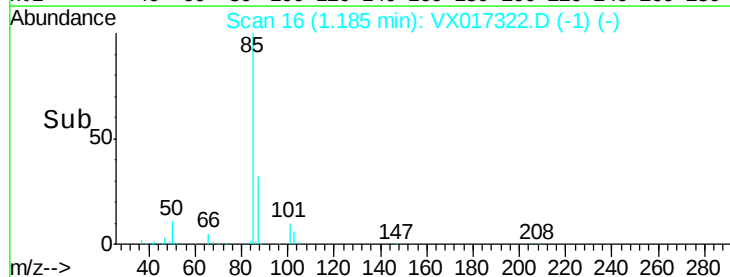
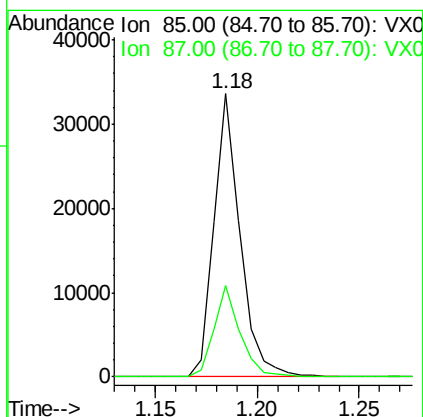
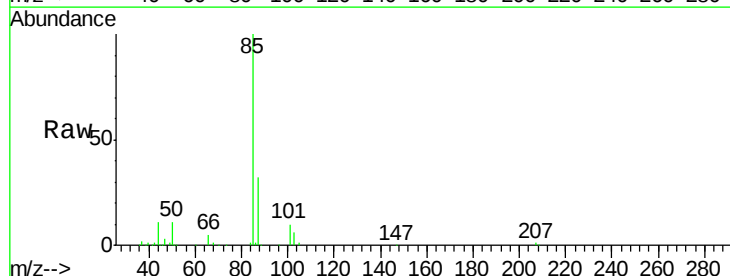
RT: 1.18 min Scan# 16

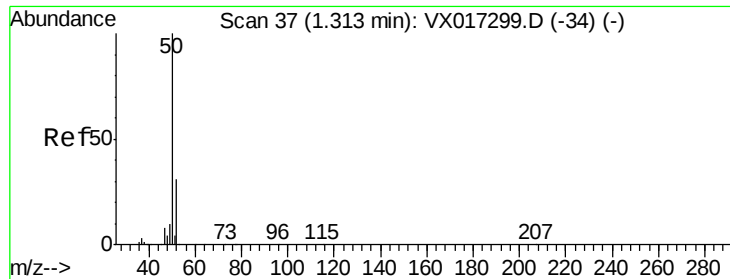
Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tgt Ion:	85	Resp:	30162
Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.9	50.6





#3

Chloromethane

Concen: 18.478 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 43306

Ion Ratio Lower Upper

50 100

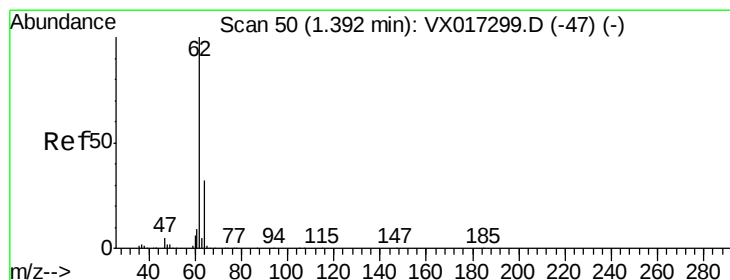
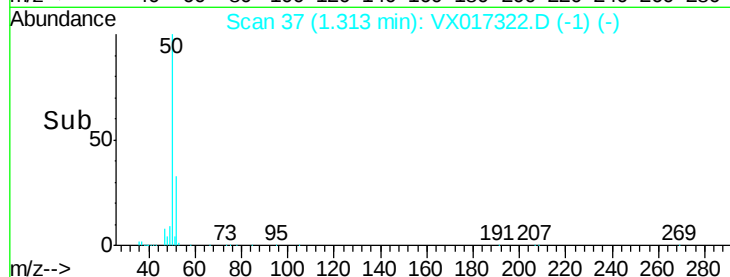
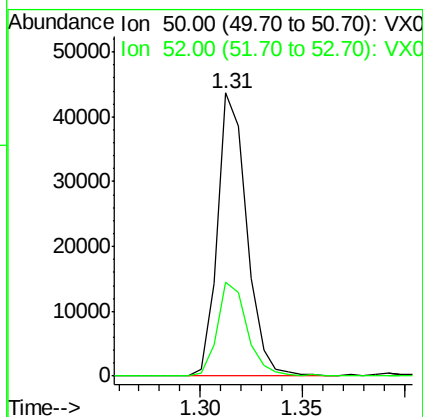
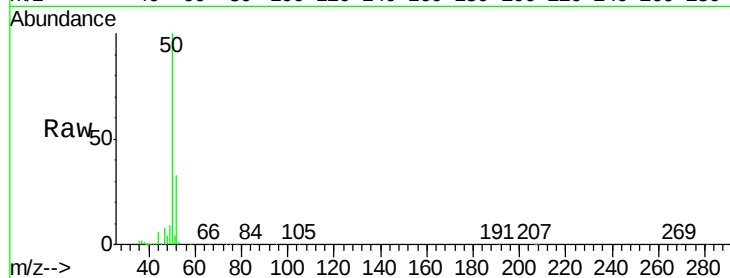
52 33.1 24.8 37.2

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#4

Vinyl Chloride

Concen: 16.712 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017322.D

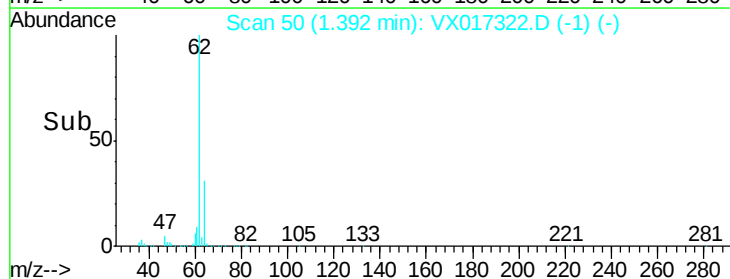
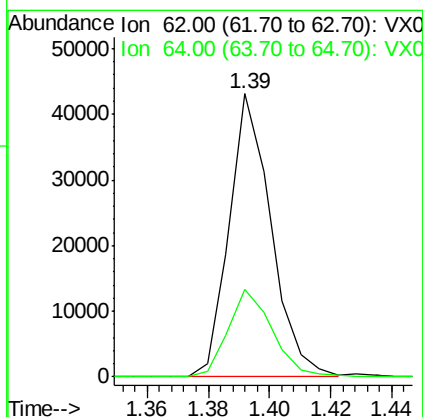
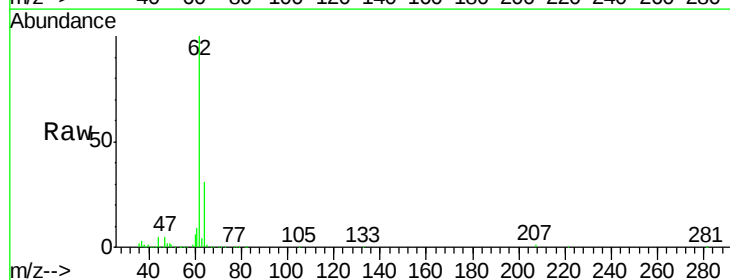
Acq: 09 Jul 2020 20:44

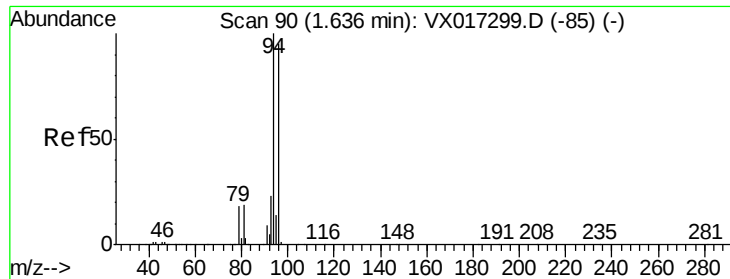
Tgt Ion: 62 Resp: 40359

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 21.653 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 34853

Ion Ratio Lower Upper

94 100

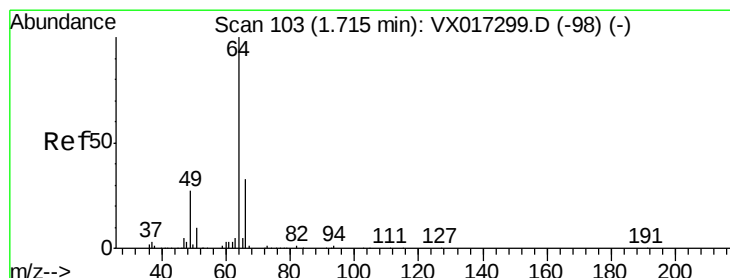
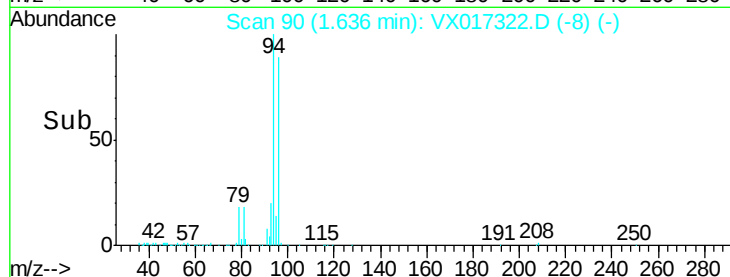
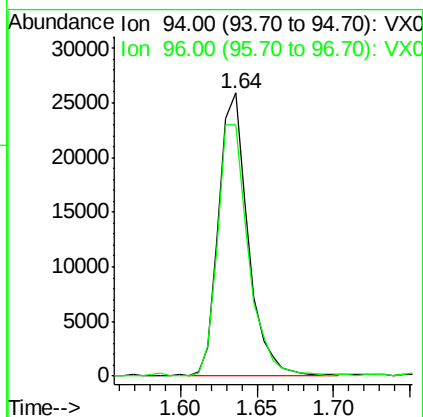
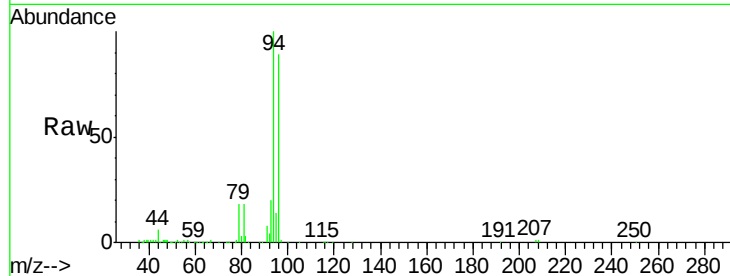
96 89.3 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 18.232 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017322.D

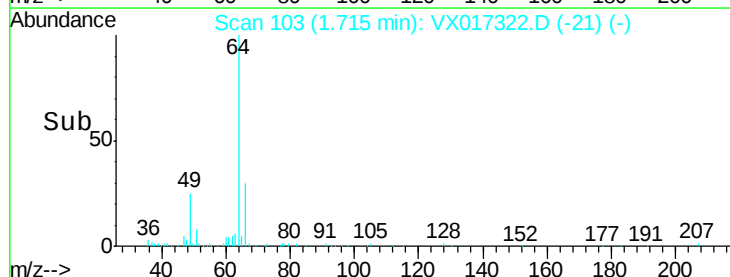
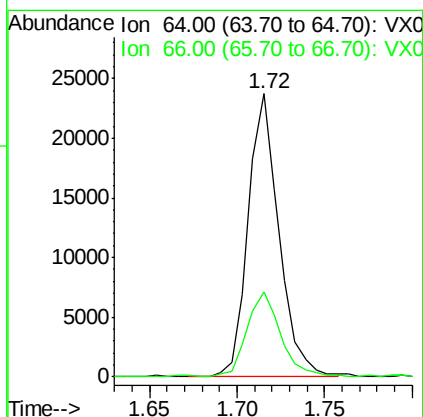
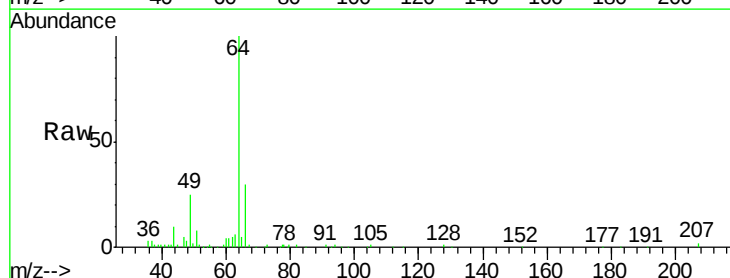
Acq: 09 Jul 2020 20:44

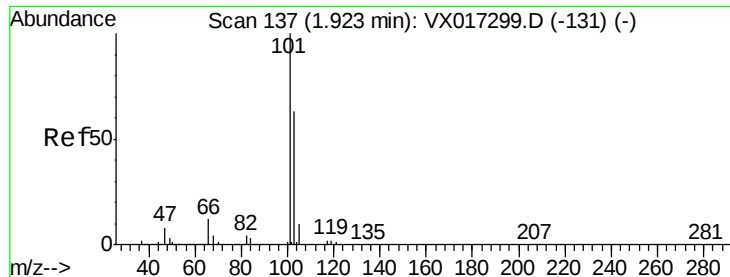
Tgt Ion: 64 Resp: 29114

Ion Ratio Lower Upper

64 100

66 29.2 26.1 39.1





#7

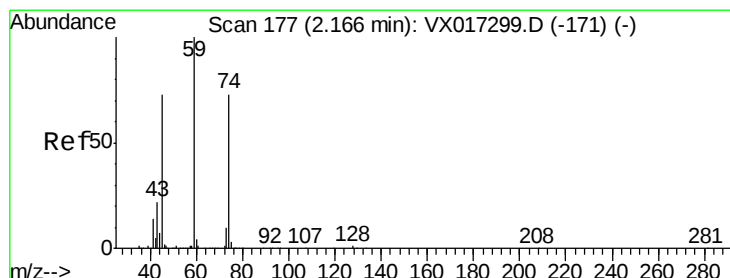
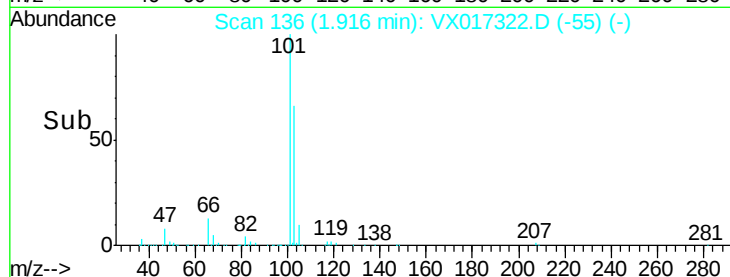
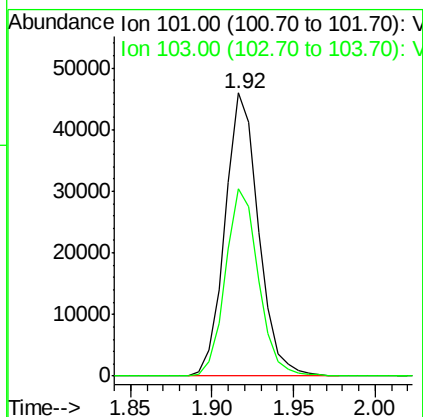
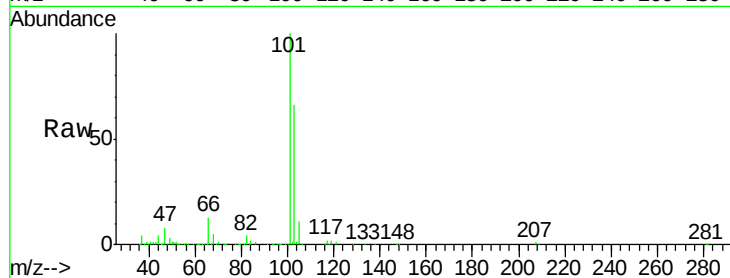
Trichlorofluoromethane
Concen: 15.261 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	65.8	50.1	75.1	

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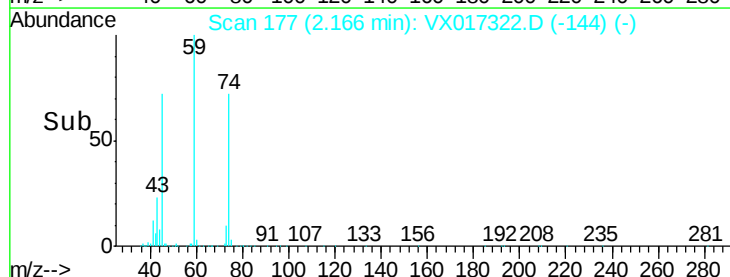
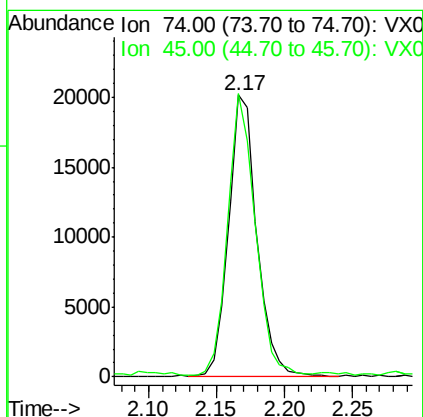
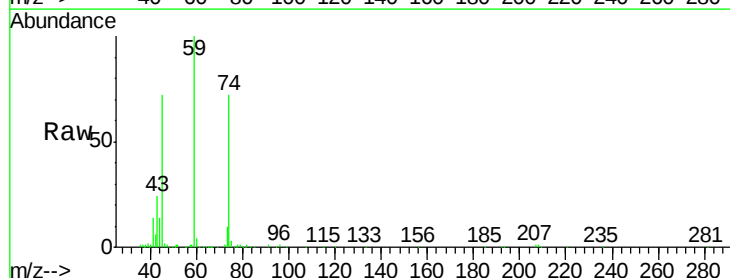
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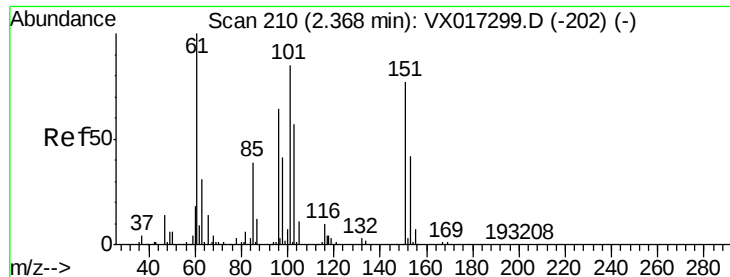


#8

Diethyl Ether
Concen: 19.210 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	96.9	18.9	170.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.537 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

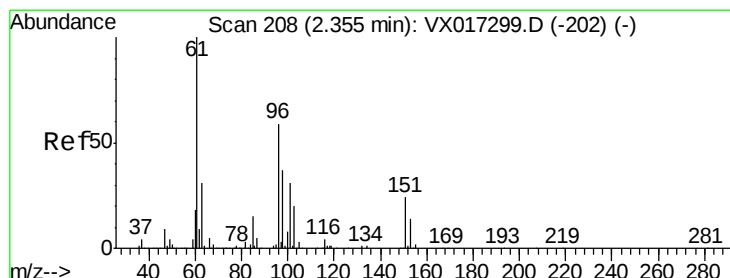
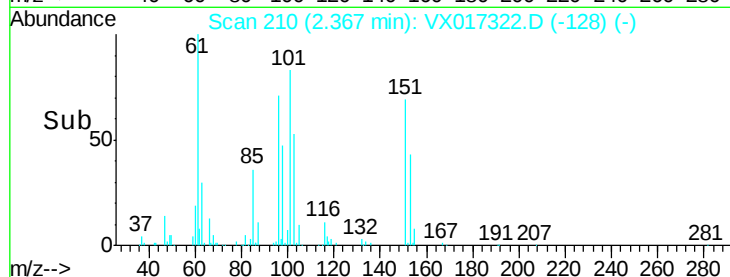
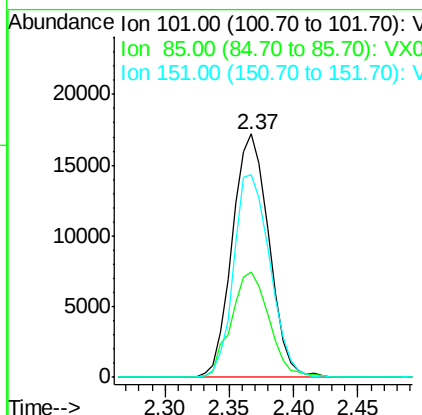
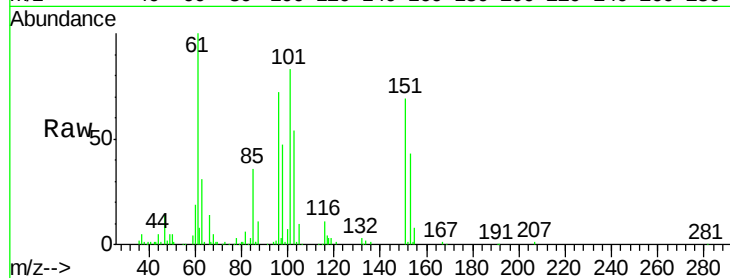
ClientSampleId :

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Tot Ion:	101	Resp:	34100
Ion Ratio	Lower	Upper	
101	100		
85	44.9	0.0	87.8
151	82.1	0.0	170.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.623 ug/l

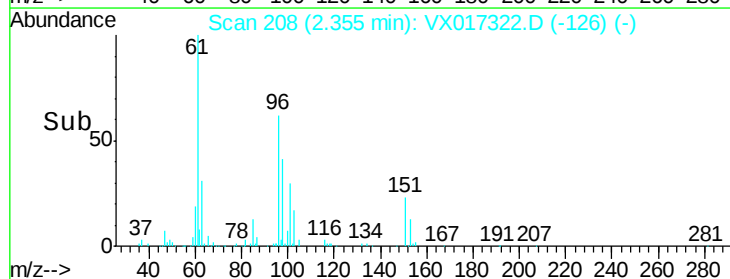
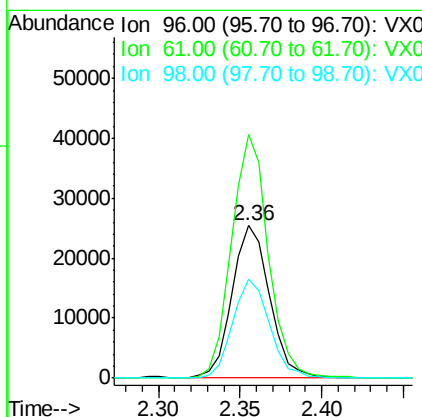
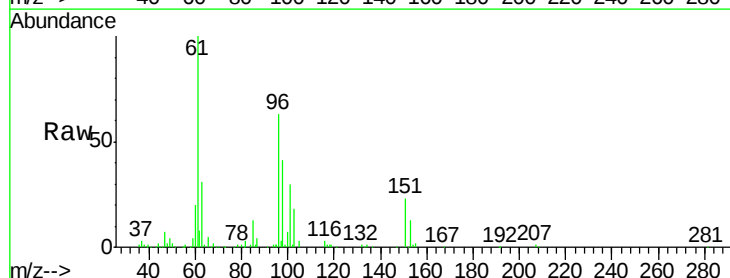
RT: 2.36 min Scan# 208

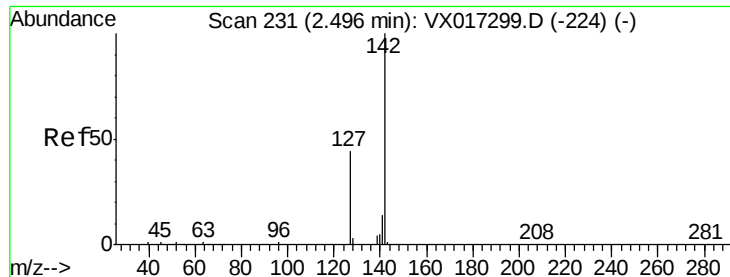
Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tgt Ion:	96	Resp:	40755
Ion Ratio	Lower	Upper	
96	100		
61	159.5	137.0	205.4
98	64.8	51.1	76.7





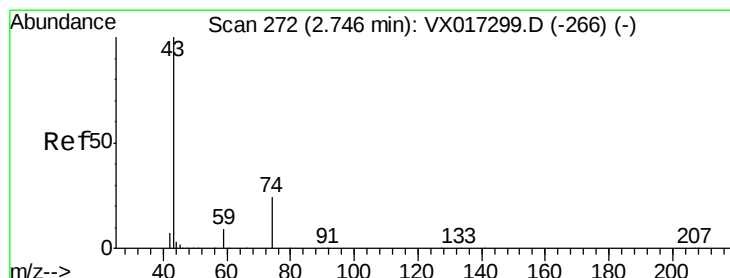
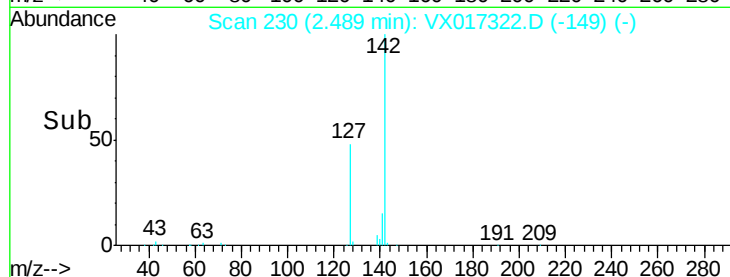
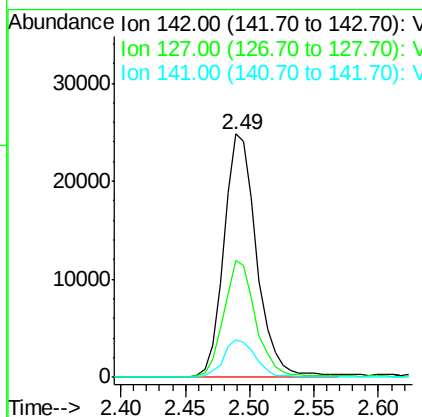
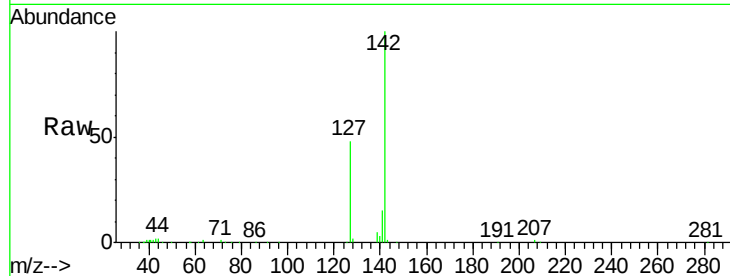
#11
Methvl Iodide
Concen: 16.292 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.9	21.9	65.7
141	15.1	7.0	21.1

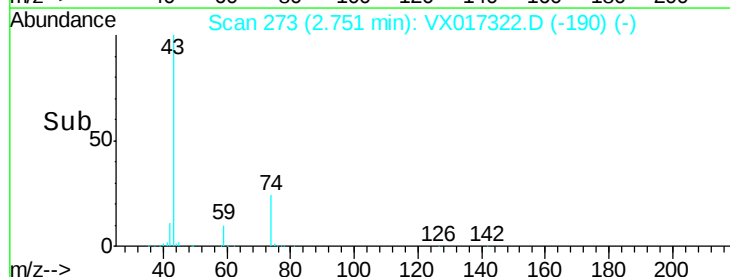
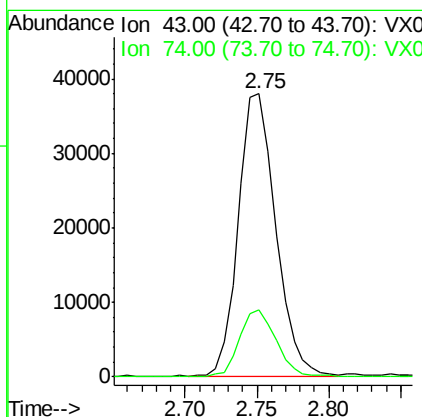
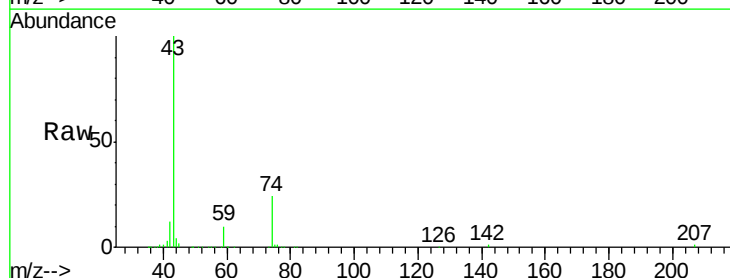
Manual Integrations
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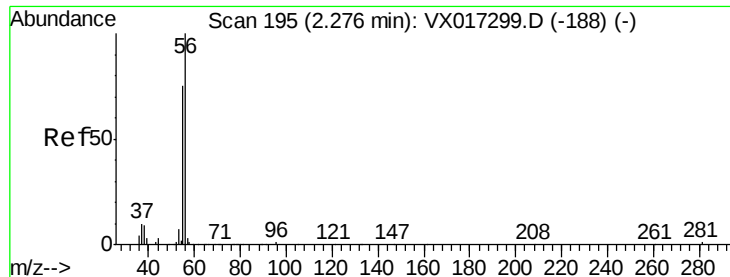
MMDadoda
7/10/2020 12:37:11 PM



#12
Methyl Acetate
Concen: 21.194 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.8	28.2





#13

Acrolein

Concen: 88.623 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 36930

Ion Ratio Lower Upper

56 100

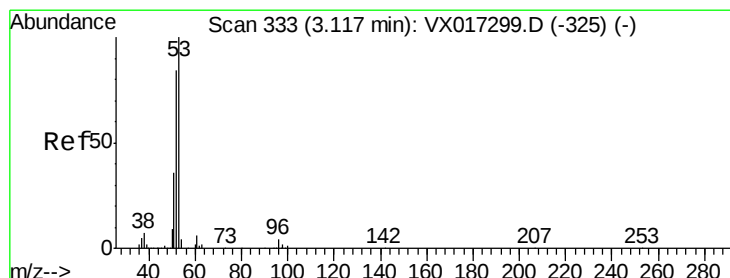
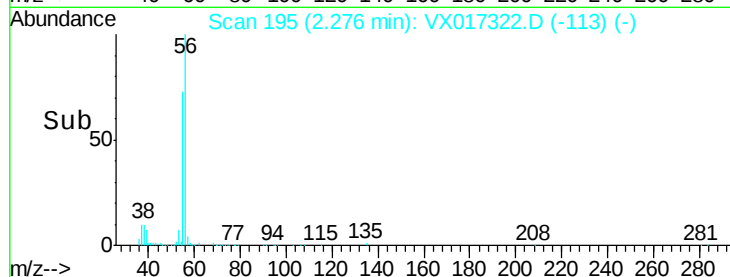
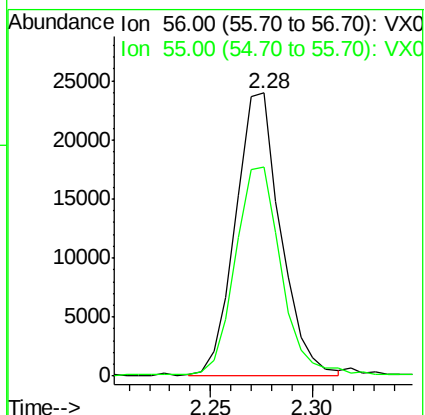
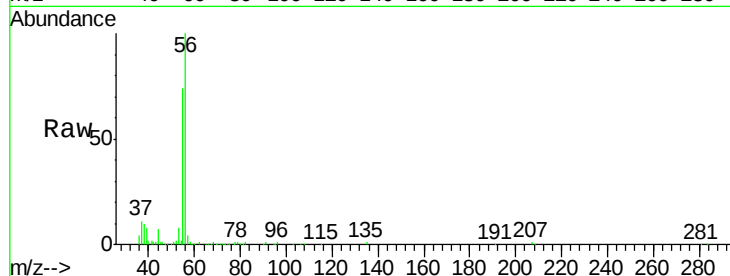
55 75.7 58.5 87.7

Manual Integrations

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#14

Acrylonitrile

Concen: 102.923 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

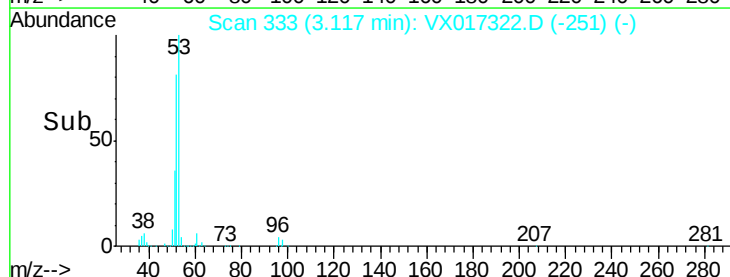
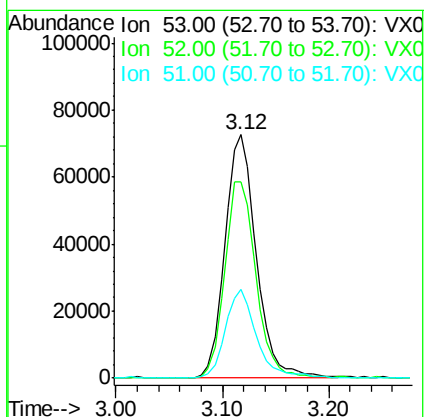
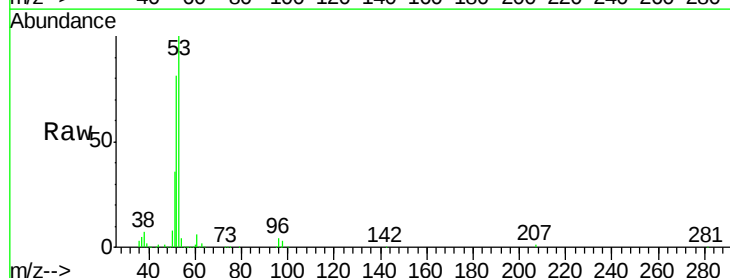
Tgt Ion: 53 Resp: 149641

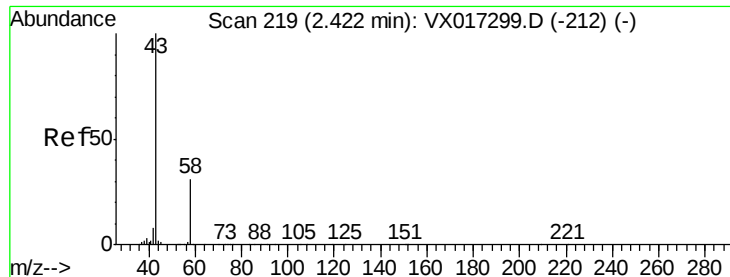
Ion Ratio Lower Upper

53 100

52 80.8 41.3 123.9

51 34.9 18.1 54.1





#15

Acetone

Concen: 107.545 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tot Ion: 58 Resp: 39434

Ion Ratio Lower Upper

58 100

43 323.1 255.0 382.4

Instrument :

MSVOA_X

ClientSampleId :

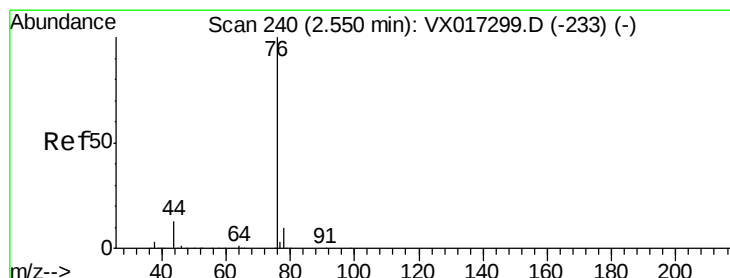
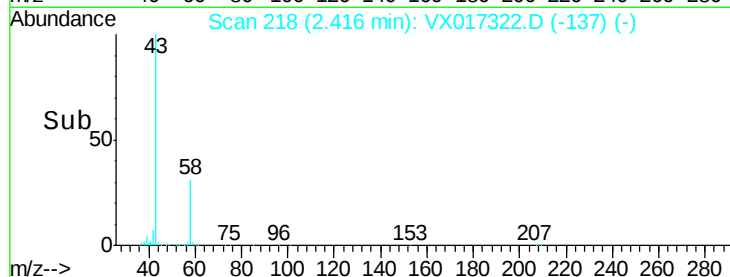
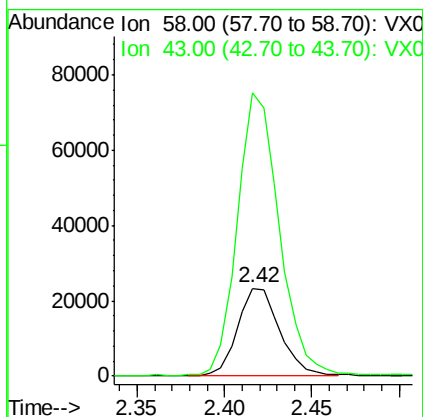
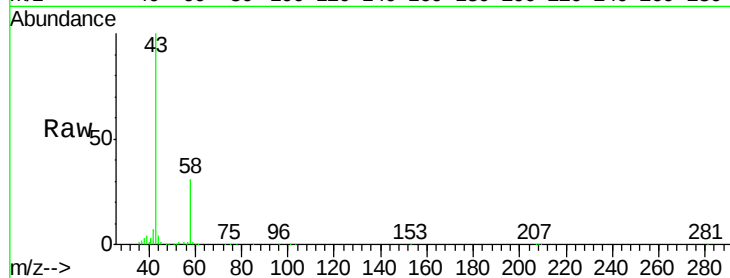
VSTDCCC020EC

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.313 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017322.D

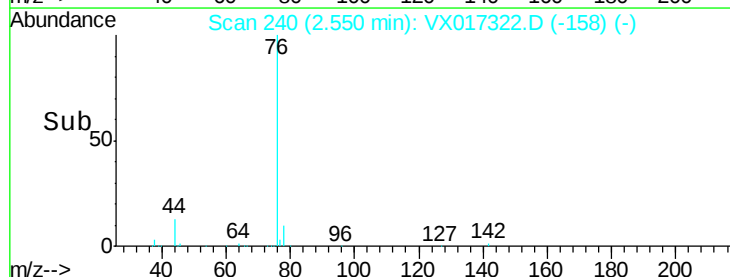
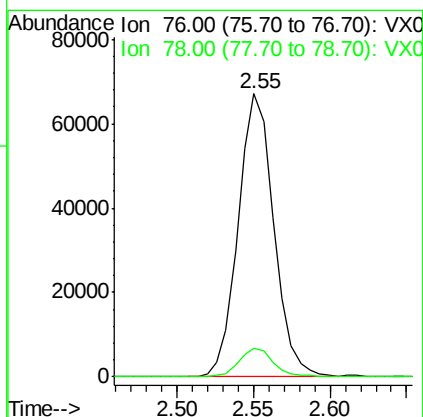
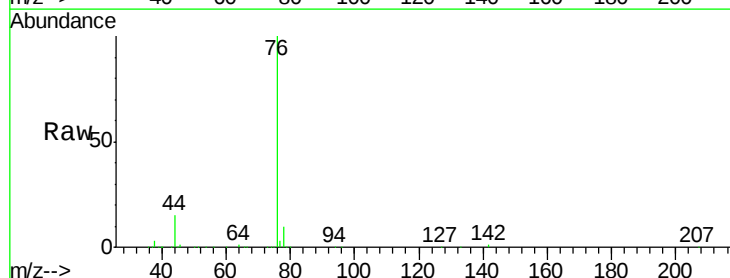
Acq: 09 Jul 2020 20:44

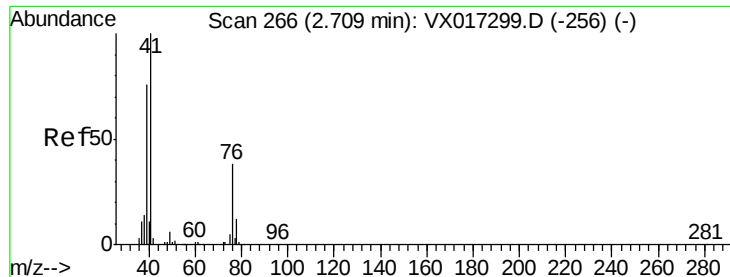
Tgt Ion: 76 Resp: 108600

Ion Ratio Lower Upper

76 100

78 9.9 7.9 11.9





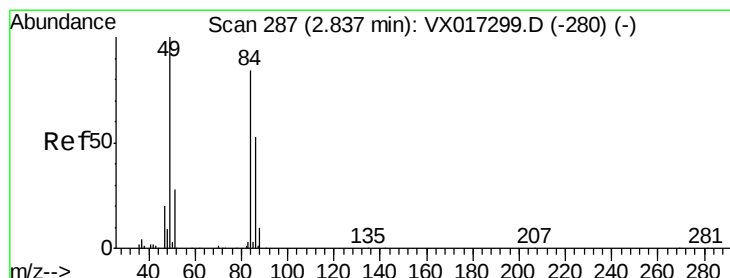
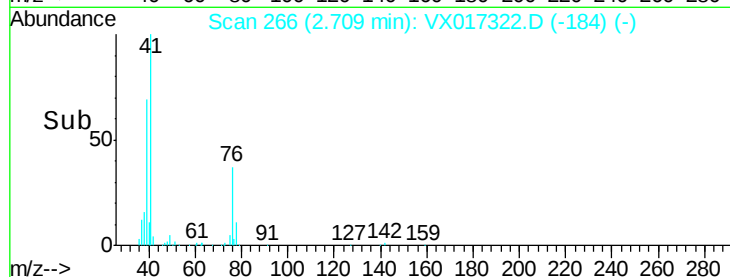
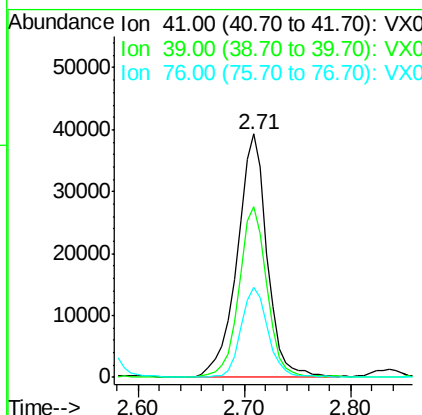
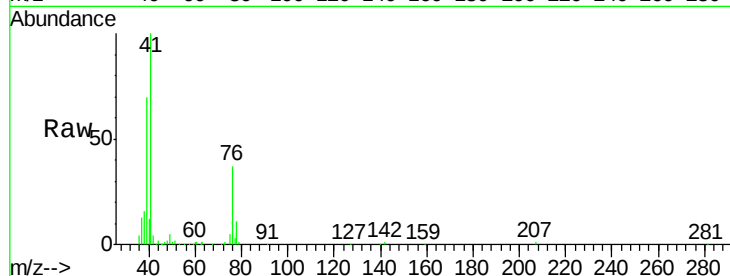
#17
Allvl chloride
Concen: 17.874 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	76901
Ion	Ratio	Lower	Upper
41	100		
39	69.7	38.1	114.5
76	37.1	18.8	56.4

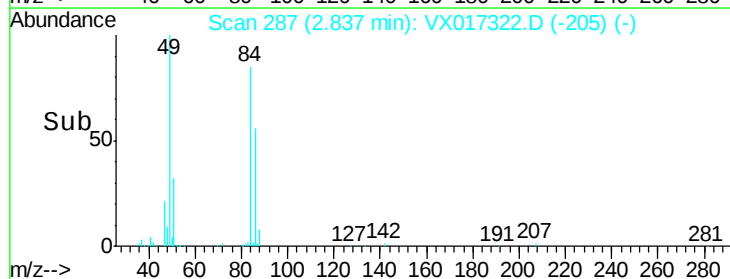
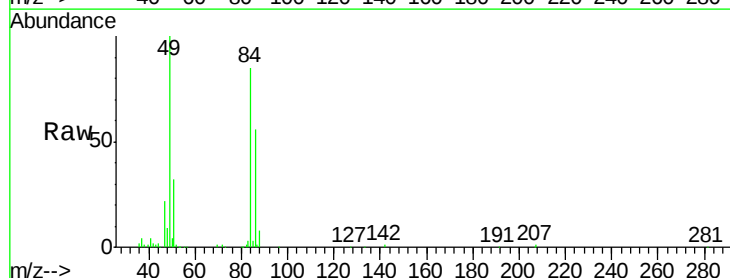
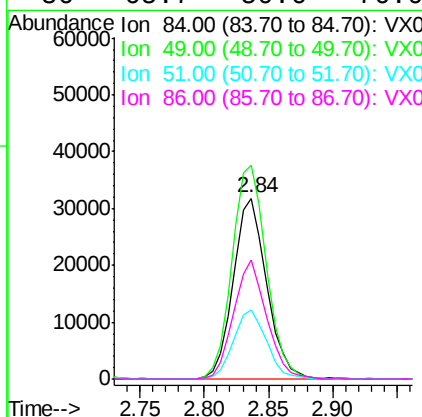
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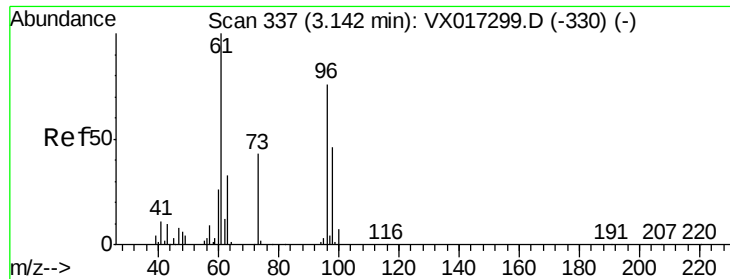
MMDadoda
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#18
Methylene Chloride
Concen: 20.128 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion:	84	Resp:	57334
Ion	Ratio	Lower	Upper
84	100		
49	117.9	95.7	143.5
51	37.8	27.2	40.8
86	65.7	50.6	76.0





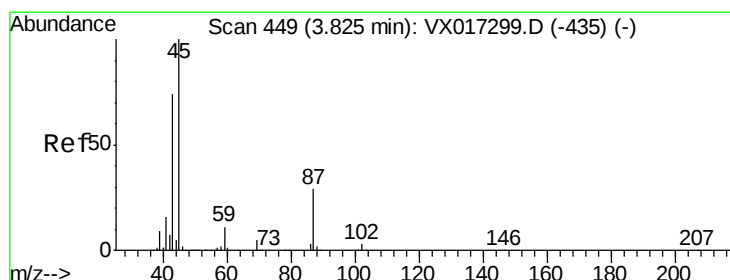
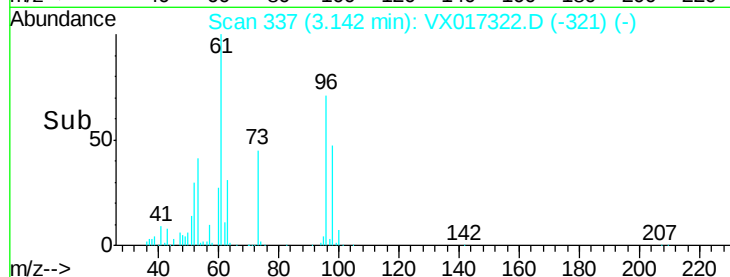
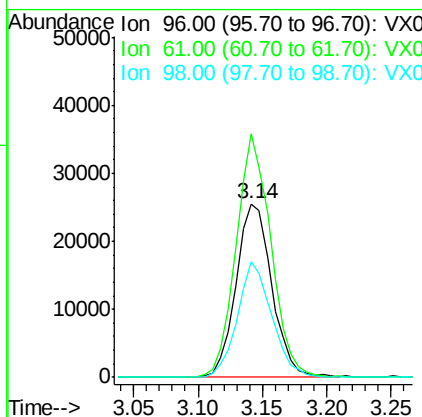
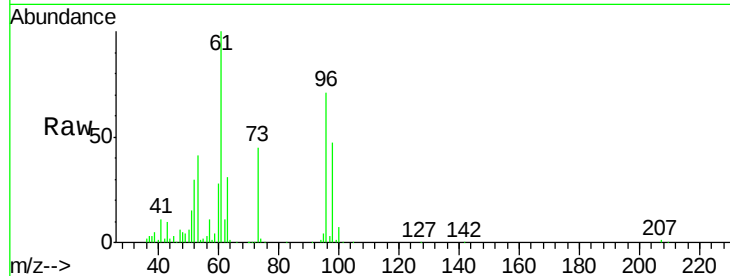
#19
trans-1,2-Dichloroethene
Concen: 18.160 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	140.2	105.0	157.6	
98	66.4	48.6	73.0	

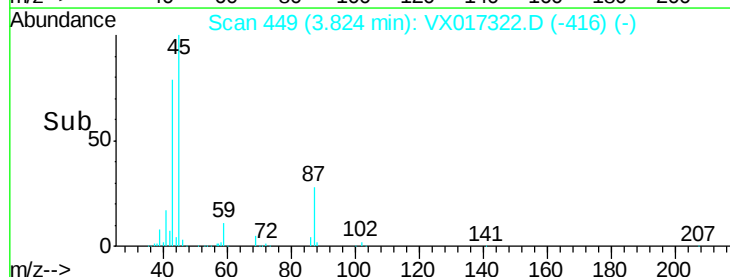
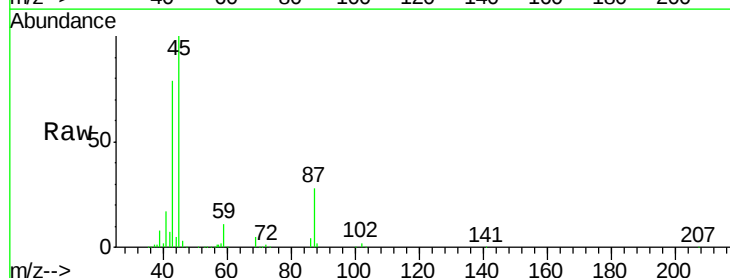
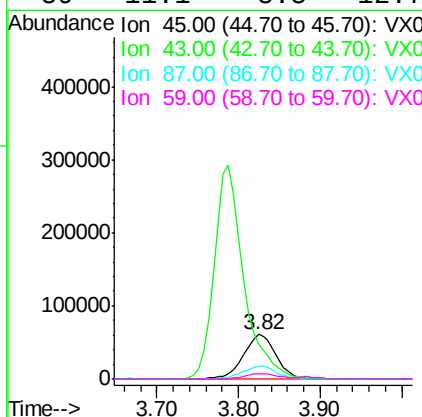
Manual Integrations
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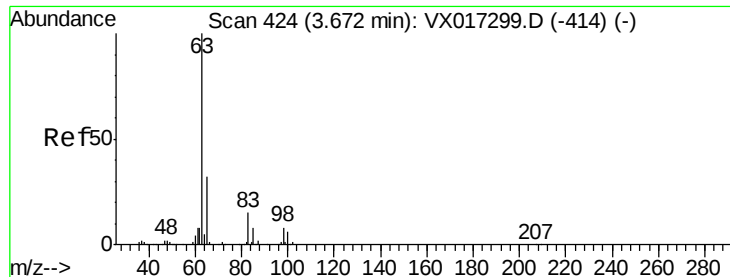
MMDadoda
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#20
Diisopropyl ether
Concen: 19.638 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	77.7	59.5	89.3	
87	27.6	23.2	34.8	
59	11.1	8.5	12.7	





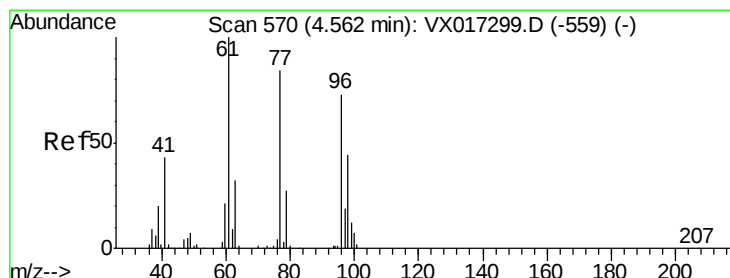
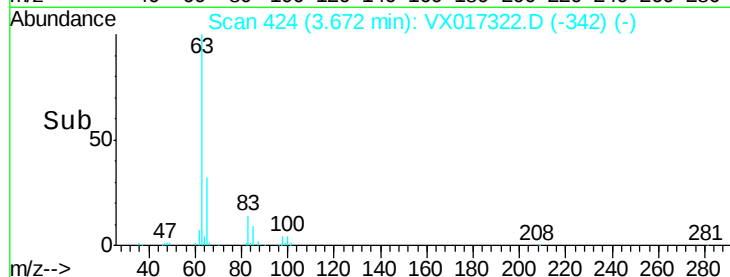
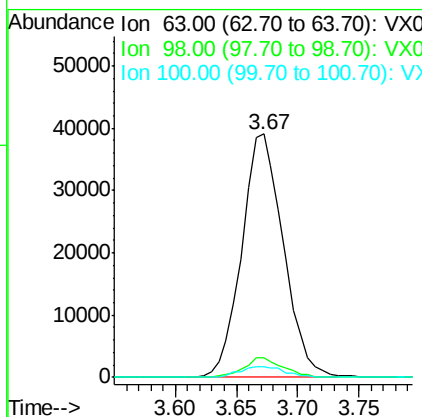
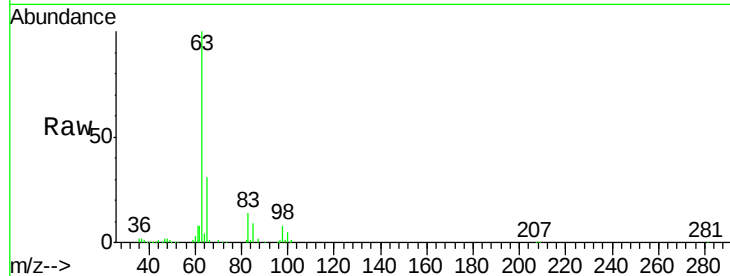
#21
1,1-Dichloroethane
Concen: 19.165 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	63	Resp:	92401
Ion Ratio	Lower	Upper	
63	100		
98	8.0	4.2	12.4
100	4.5	2.8	8.3

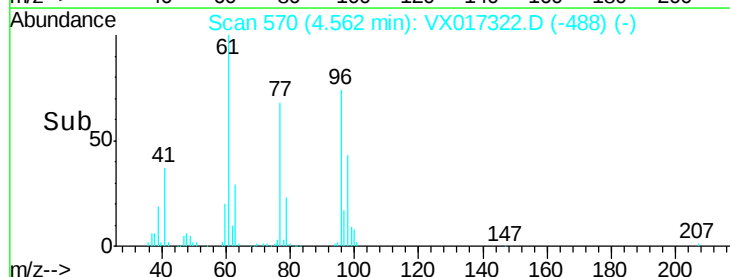
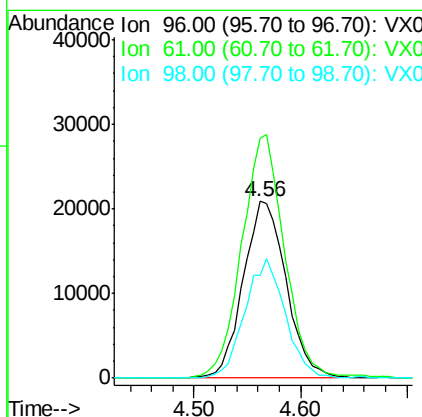
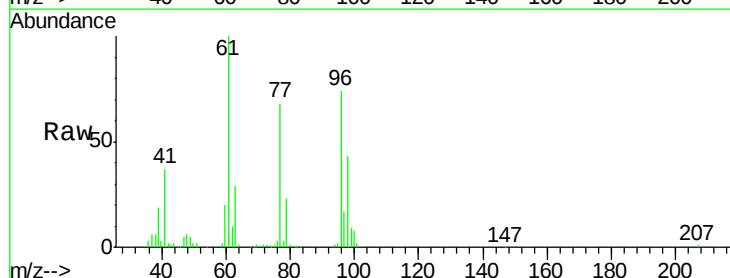
Manual Integrations
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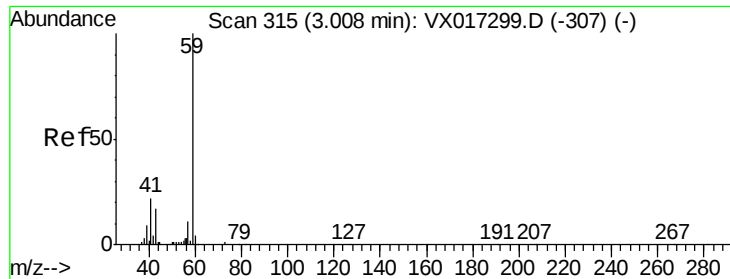
MMDadoda
7/10/2020 12:37:11 PM



#22
cis-1,2-Dichloroethene
Concen: 19.112 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion:	96	Resp:	58957
Ion Ratio	Lower	Upper	
96	100		
61	137.1	111.7	167.5
98	63.7	50.9	76.3





#23

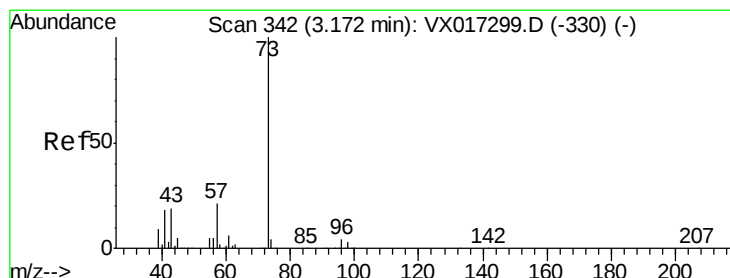
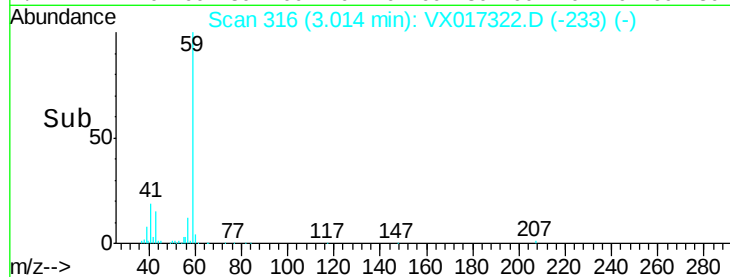
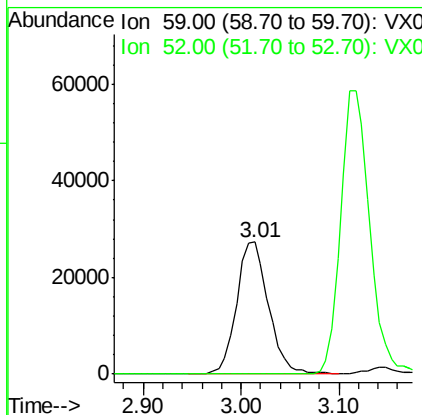
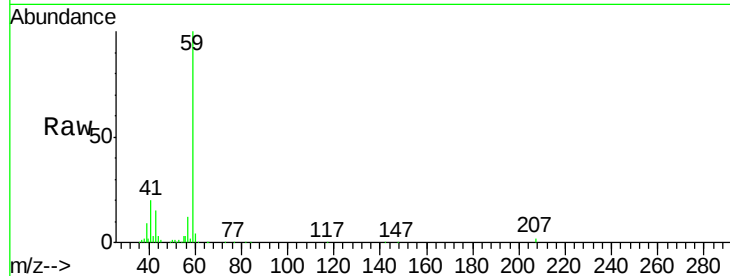
tert-Butyl Alcohol
 Concen: 103.305 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#

Manual Integrations
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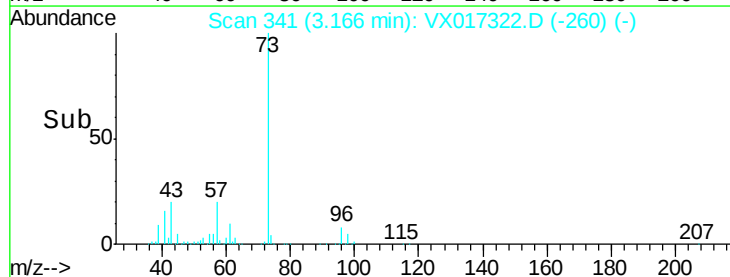
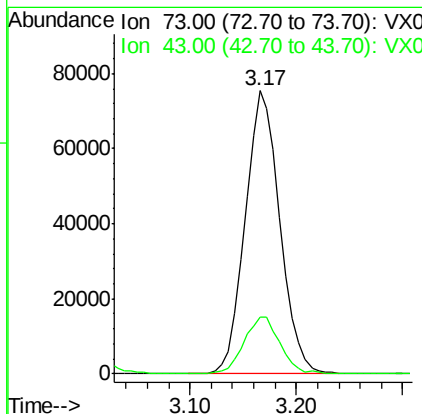
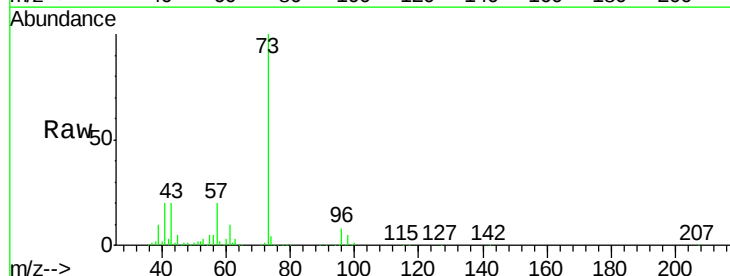
MMDadoda
 7/10/2020 12:37:11 PM

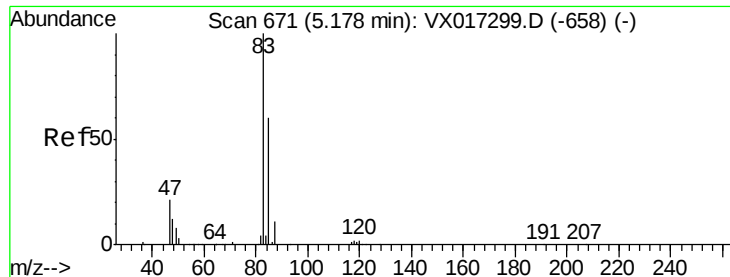


#24

Methyl tert-Butyl Ether
 Concen: 19.505 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.7	16.3	24.5





#25

Chloroform

Concen: 19.017 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 97693

Ion Ratio Lower Upper

83 100

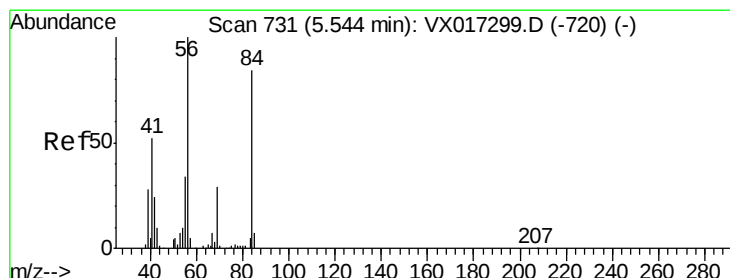
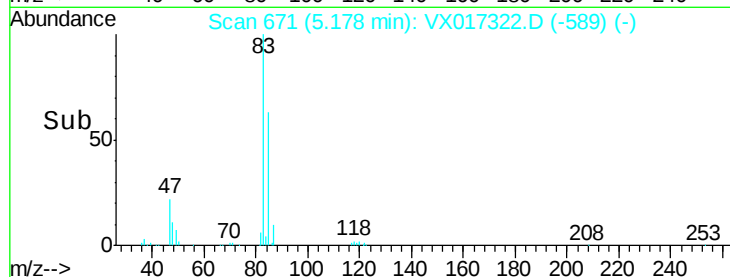
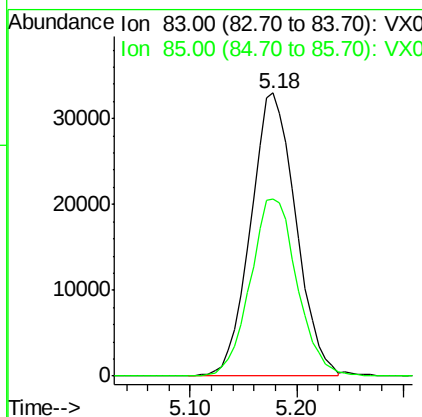
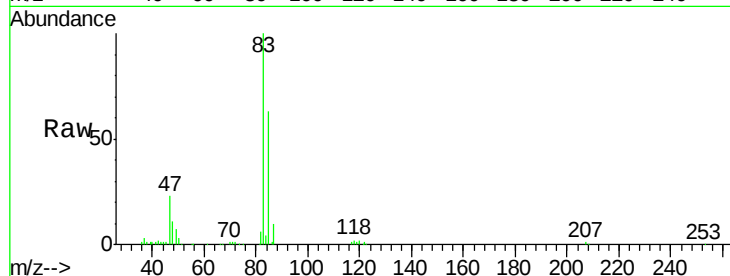
85 62.8 47.8 71.8

Manual Integrations

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#26

Cyclohexane

Concen: 14.167 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

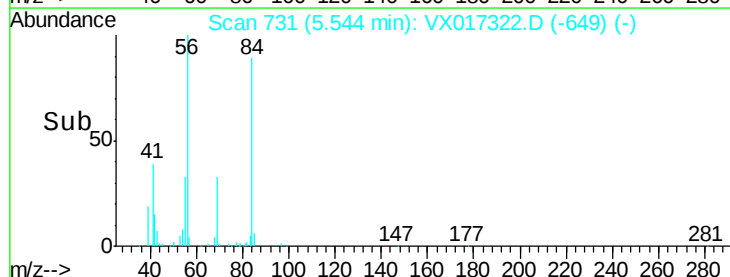
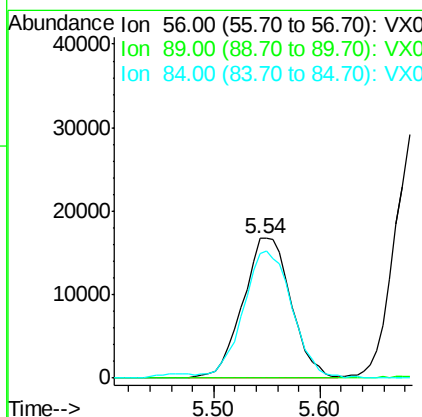
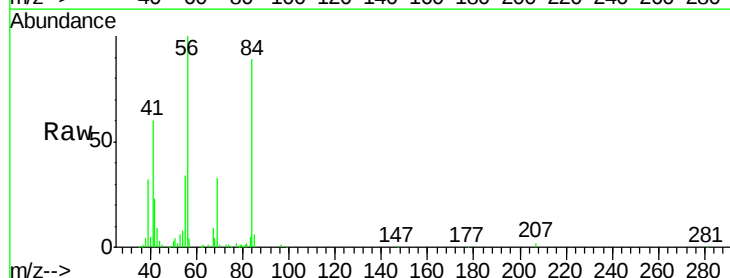
Tgt Ion: 56 Resp: 53214

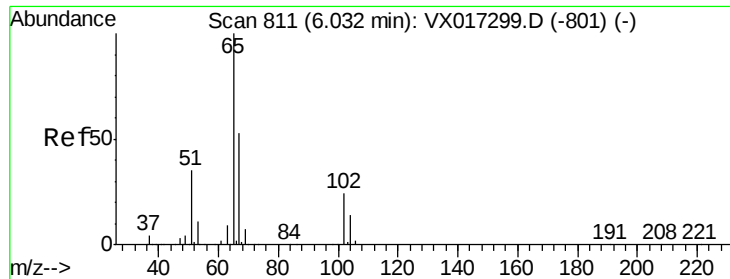
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 91.6 71.5 107.3





#27

1,2-Dichloroethane-d4

Concen: 30.535 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tot Ion: 65 Resp: 110448

Ion Ratio Lower Upper

65 100

67 52.2 41.0 61.6

Instrument :

MSVOA_X

ClientSampleId :

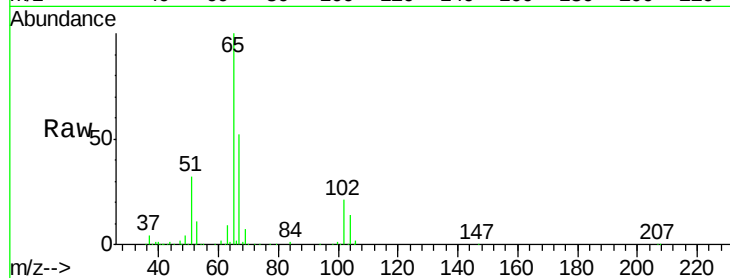
VSTDCCC020EC

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

30000

20000

10000

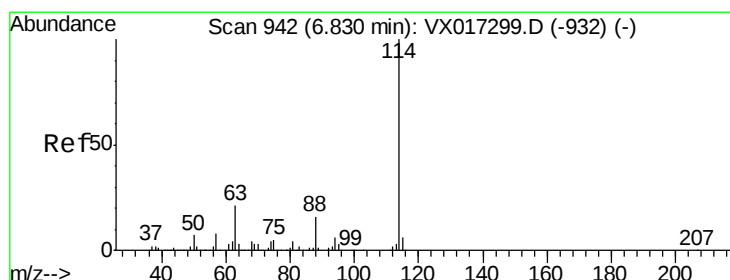
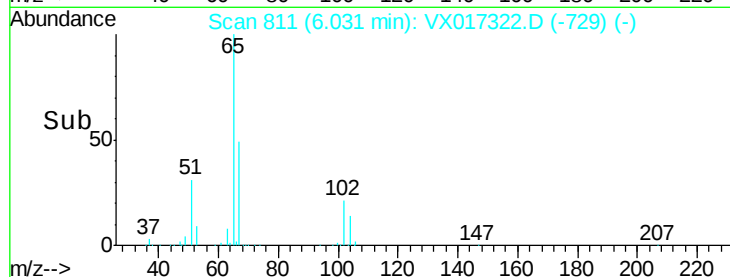
0

5.90

6.00

6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

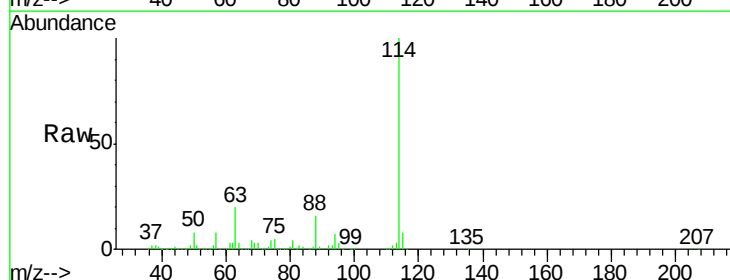
Tgt Ion: 114 Resp: 246146

Ion Ratio Lower Upper

114 100

63 20.0 15.9 23.9

88 16.1 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

6.83

100000

50000

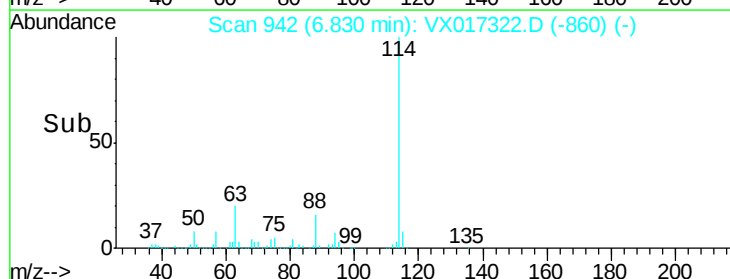
0

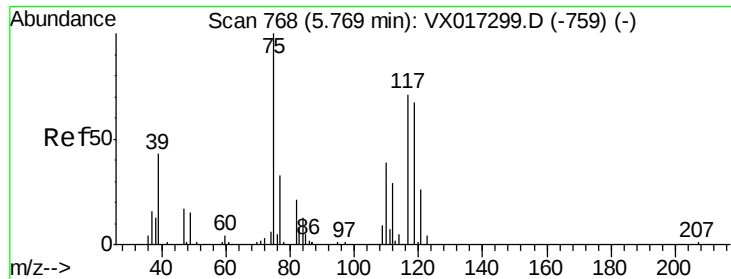
6.70

6.80

6.90

Time-->





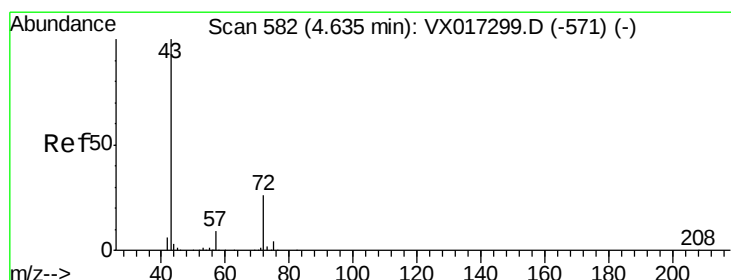
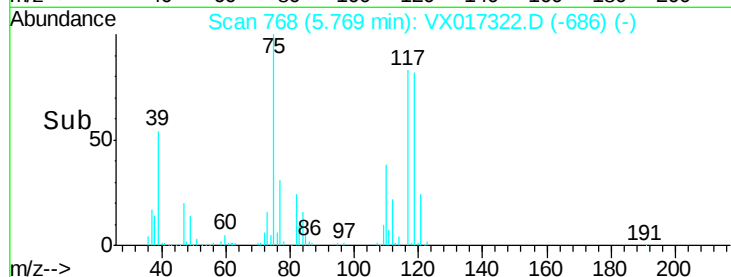
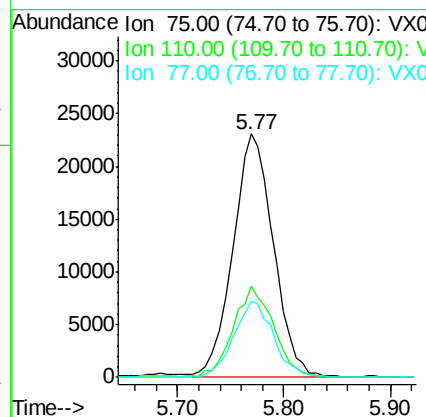
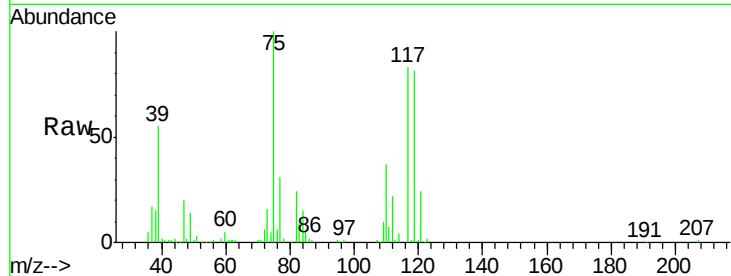
#29
 1,1-Dichloropropene
 Concen: 18.135 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	75.8
77	30.6	0.0	63.4

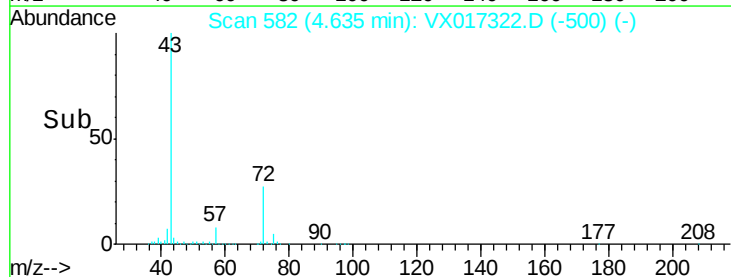
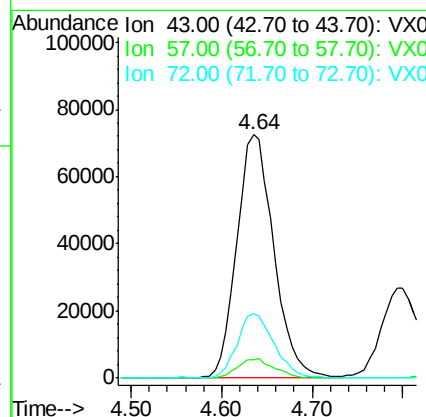
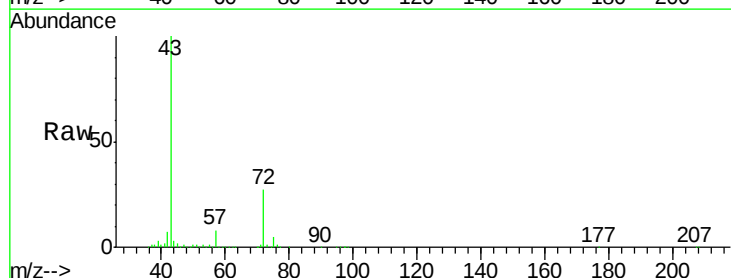
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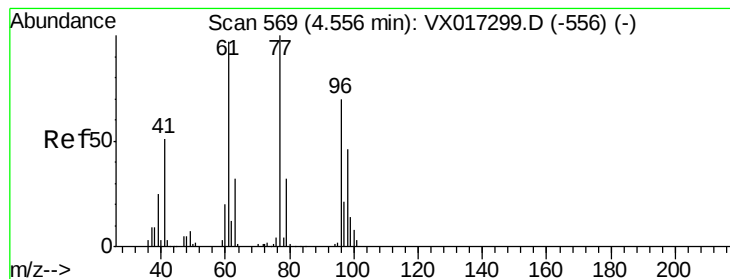
MMDadoda
 7/10/2020 12:37:11 PM



#30
 2-Butanone
 Concen: 110.551 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.8	10.2
72	25.3	21.0	31.6





#31

2,2-Dichloropropane

Concen: 16.618 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 70669

Ion Ratio Lower Upper

77 100

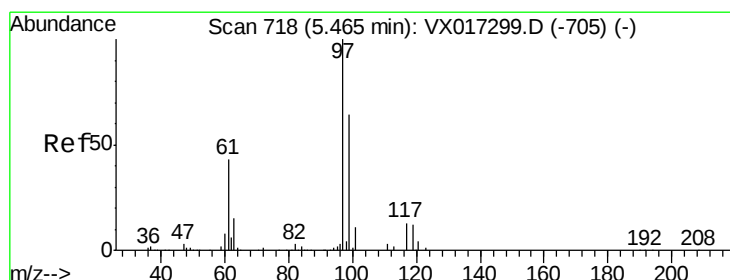
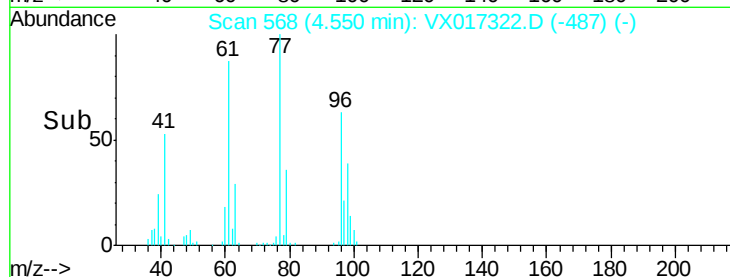
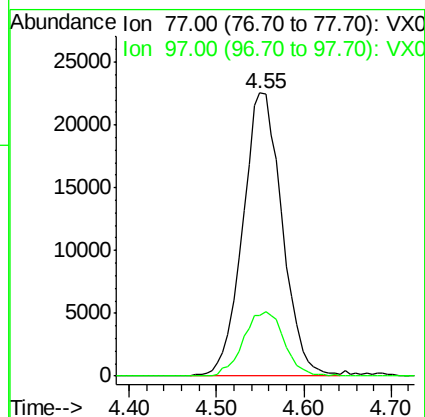
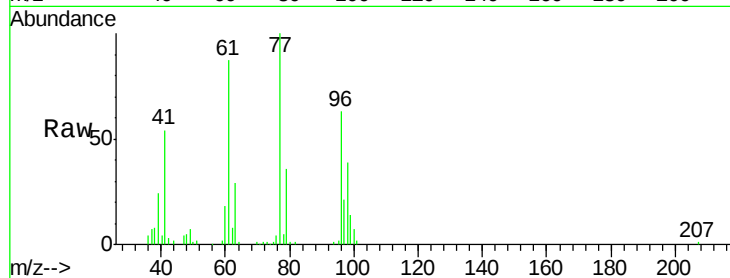
97 23.6 18.2 27.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.792 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

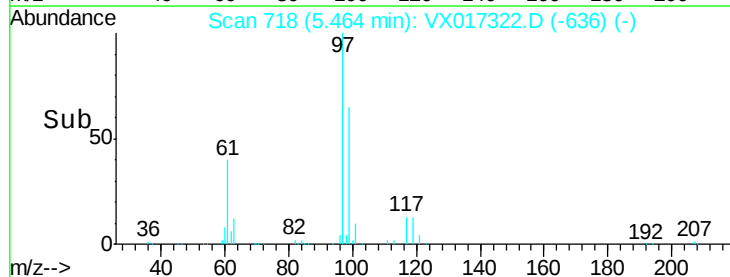
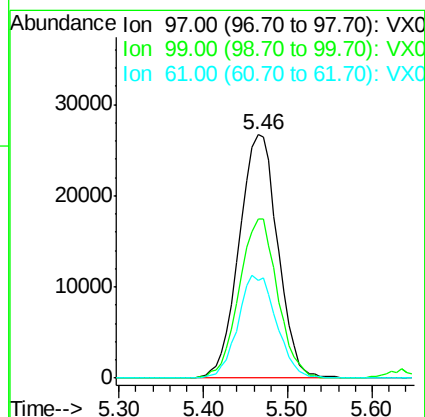
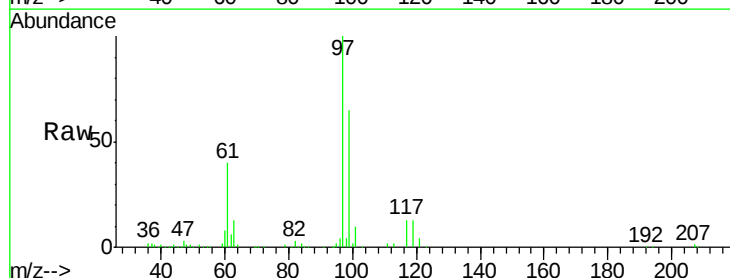
Tgt Ion: 97 Resp: 83045

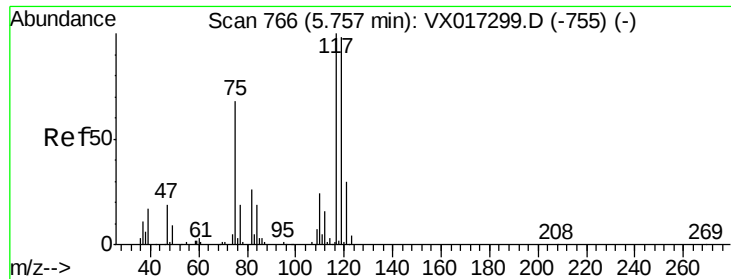
Ion Ratio Lower Upper

97 100

99 64.9 53.2 79.8

61 41.9 34.0 51.0





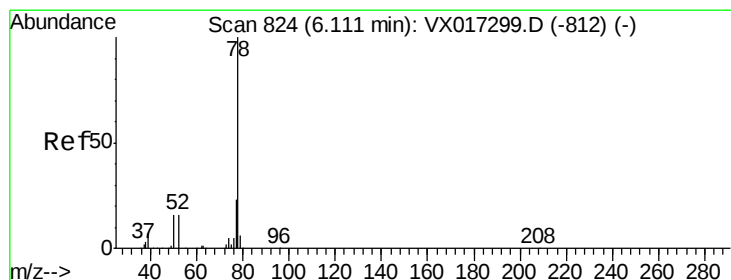
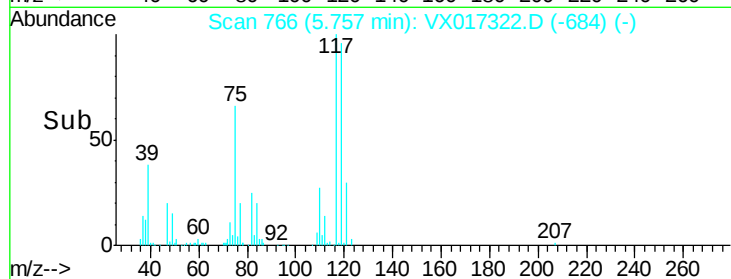
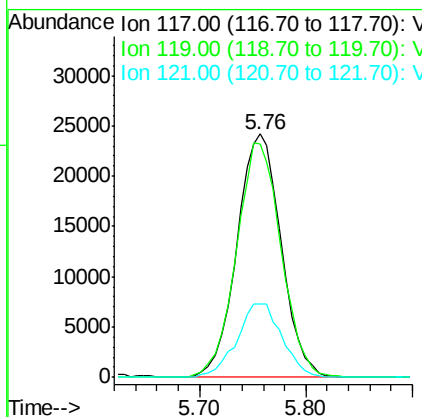
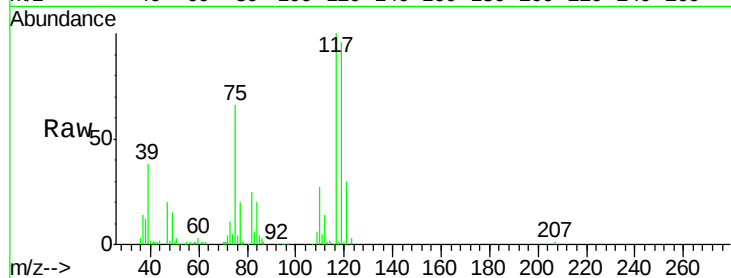
#33
Carbon Tetrachloride
Concen: 17.241 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.8	118.2
121	30.0	23.7	35.5

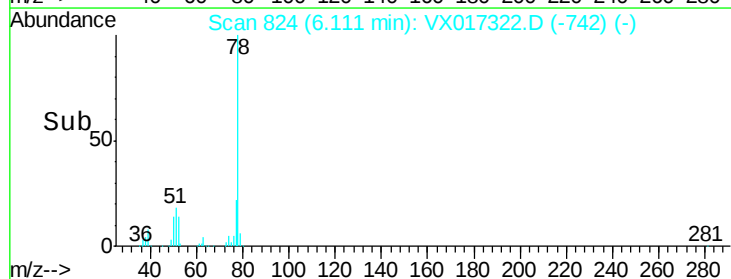
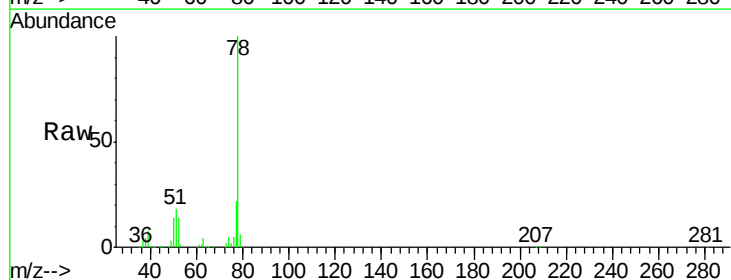
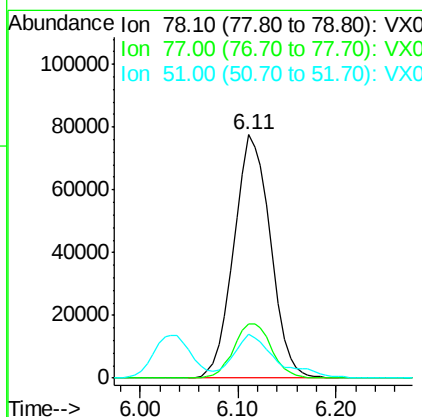
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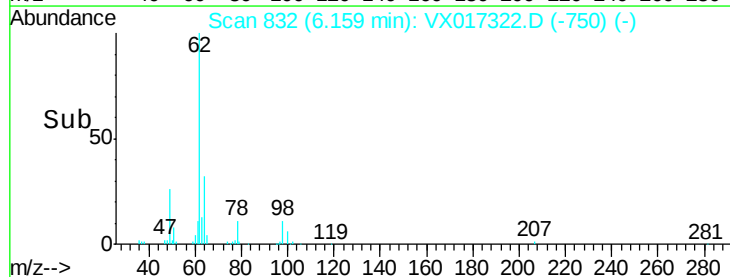
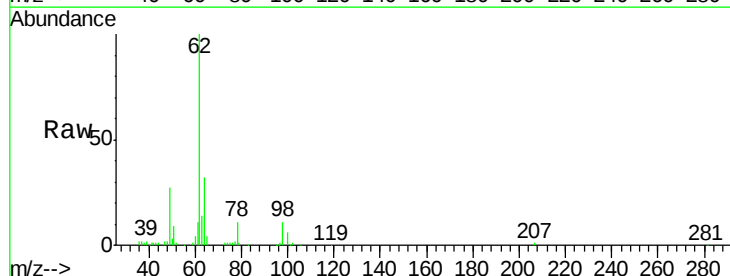
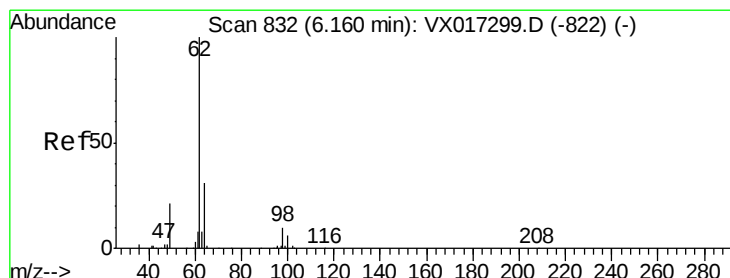
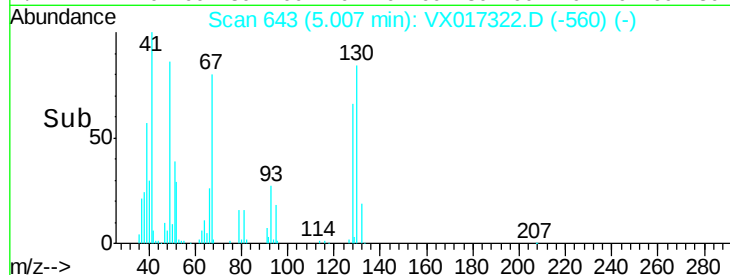
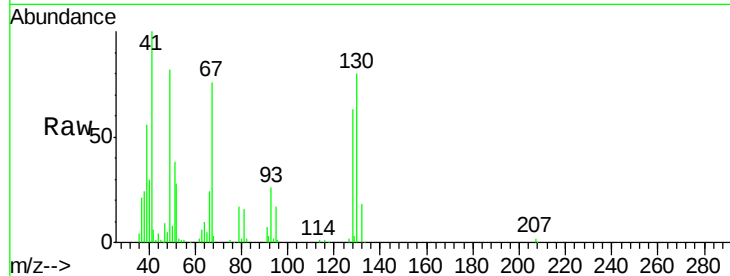
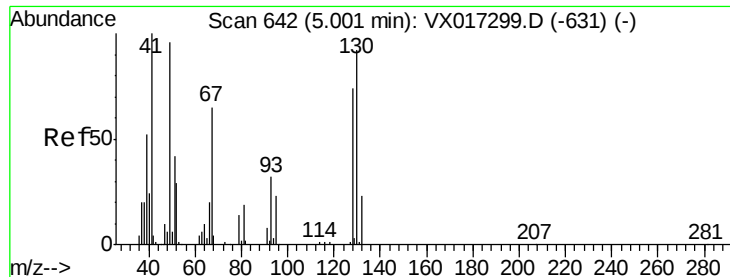
MMDadoda
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#34
Benzene
Concen: 19.962 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.1	27.1
51	17.5	12.9	19.3





#35

Methacrylonitrile

Concen: 20.677 ug/l

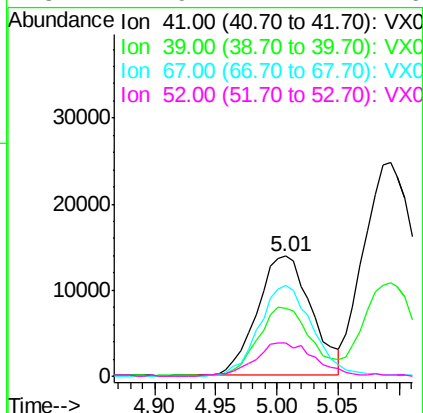
RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	26.0	78.0	
67	76.3	32.6	97.8	
52	27.9	14.2	42.6	



Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Manual Integrations
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#36

1,2-Dichloroethane

Concen: 20.865 ug/l

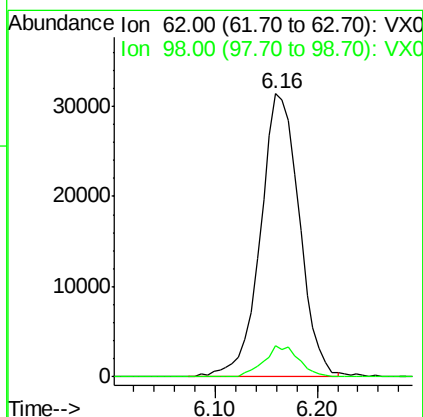
RT: 6.16 min Scan# 832

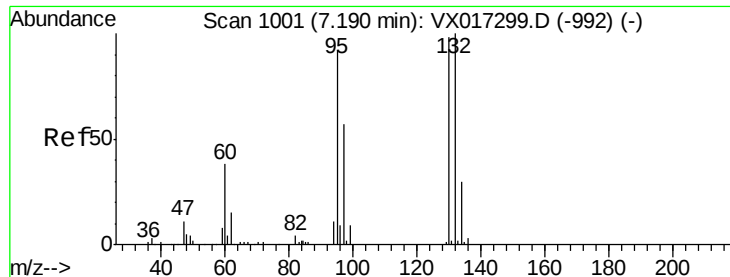
Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

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





#37

Trichloroethene

Concen: 19.394 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 58915

Ion Ratio Lower Upper

130 100

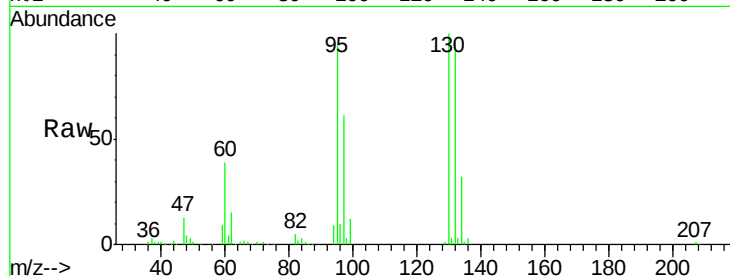
95 93.9 74.4 111.6

Manual Integrations

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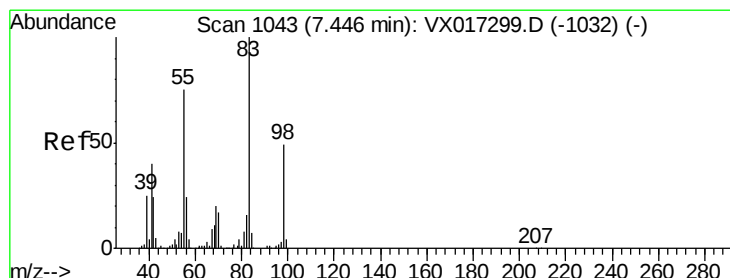
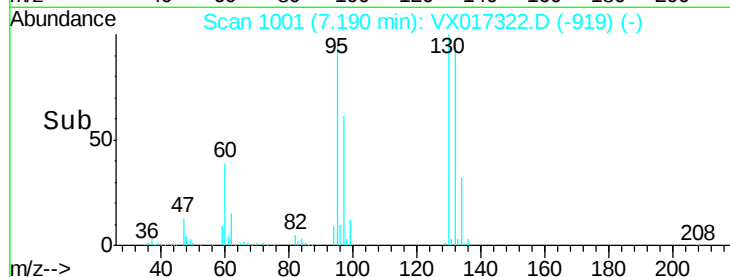
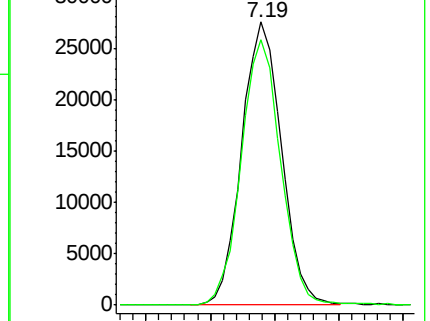
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 13.705 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

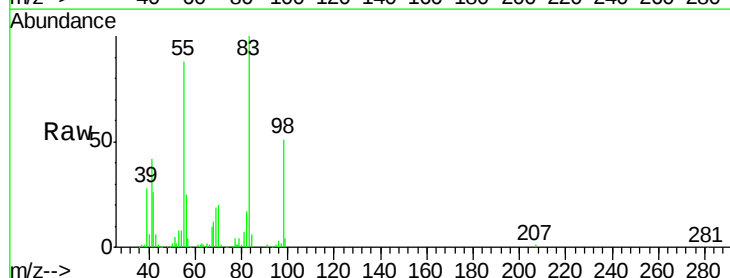
Tgt Ion: 83 Resp: 49022

Ion Ratio Lower Upper

83 100

55 80.0 39.0 117.0

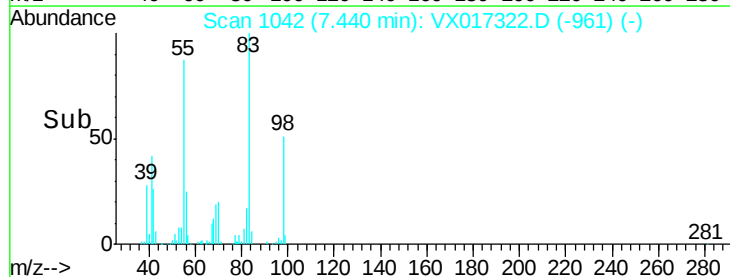
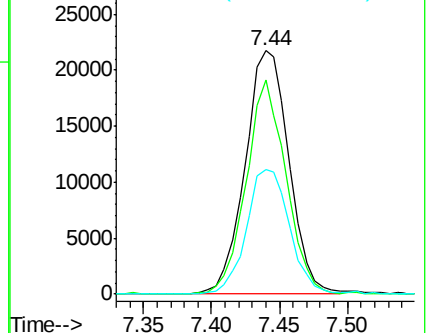
98 50.5 25.3 75.9

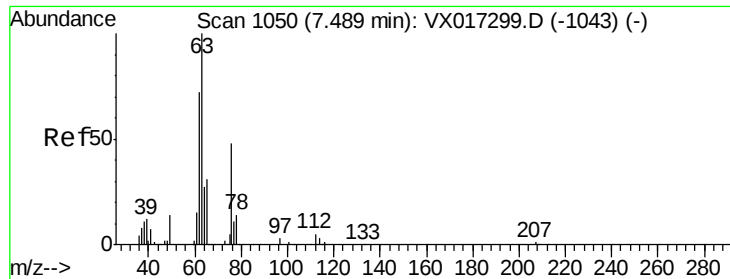


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





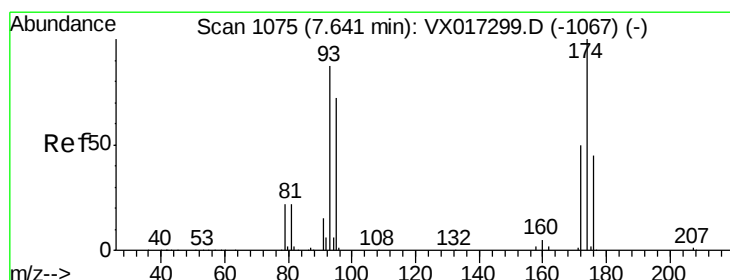
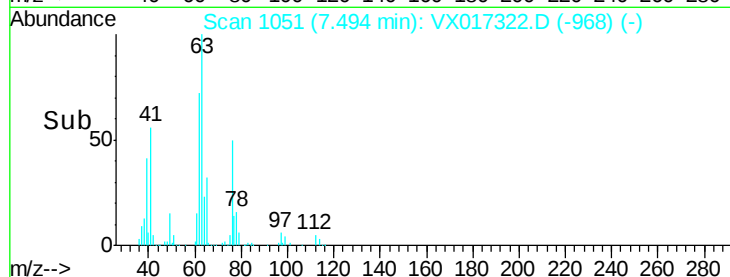
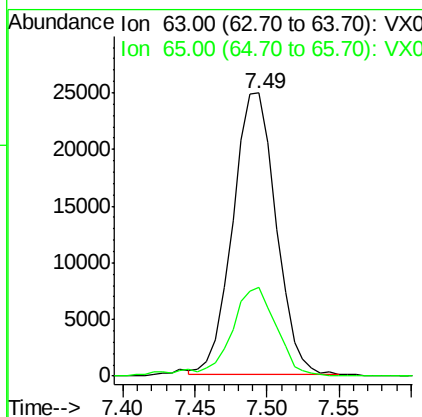
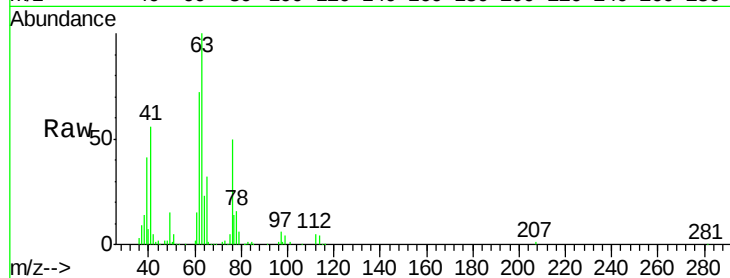
#39
 1,2-Dichloropropane
 Concen: 19.657 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	63	Resp	51879
Ion Ratio	100	Lower	Upper
63	100		
65	31.8	27.4	41.0

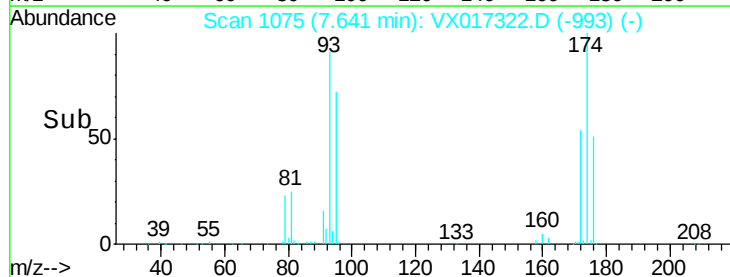
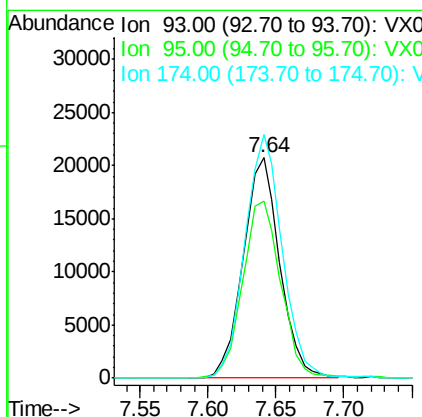
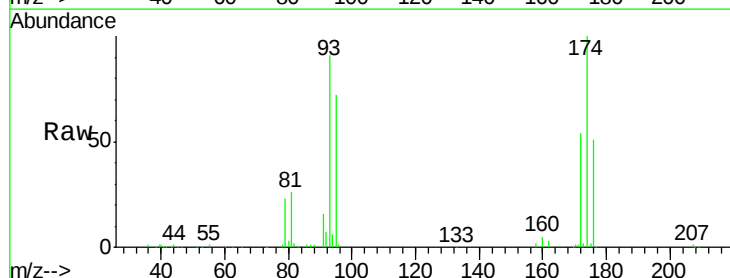
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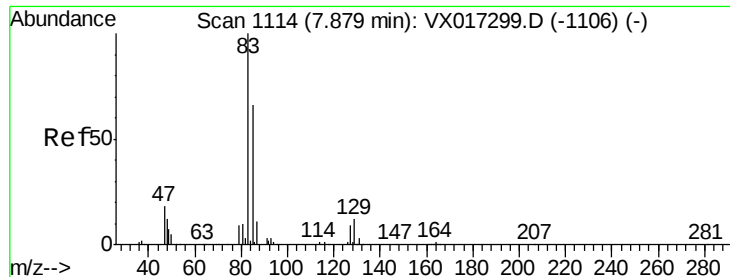
MMDadoda
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#40
 Dibromomethane
 Concen: 20.598 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	93	Resp	39162
Ion Ratio	100	Lower	Upper
93	100		
95	83.4	0.0	164.4
174	112.1	0.0	224.8





#41

Bromodichloromethane

Concen: 20.427 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

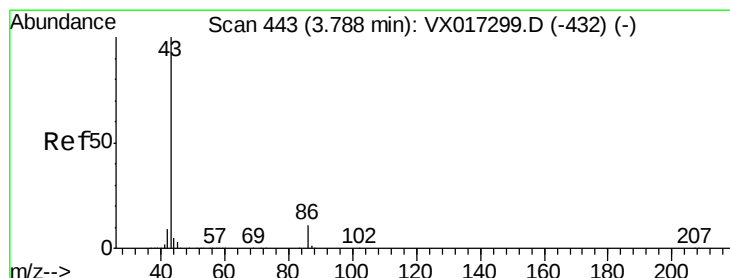
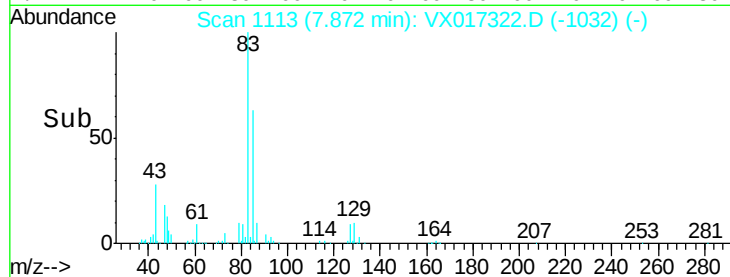
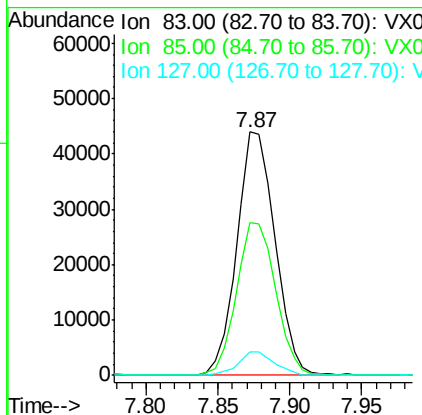
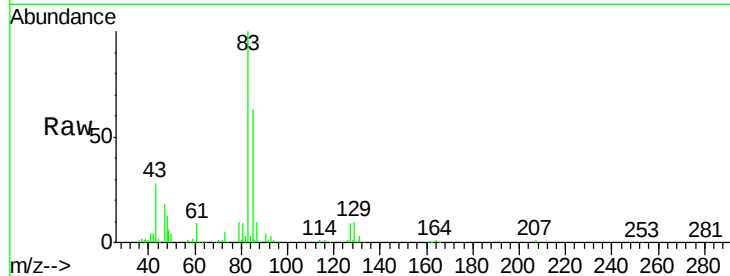
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	81054
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.1	79.7
127	9.4	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 104.365 ug/l

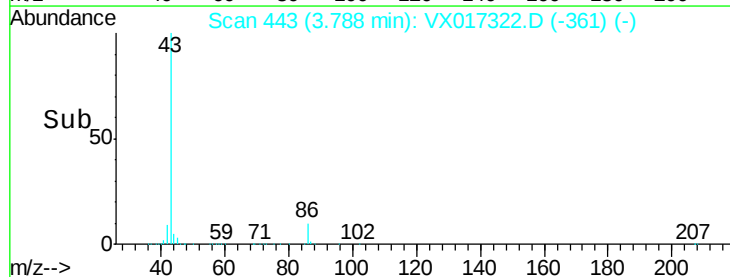
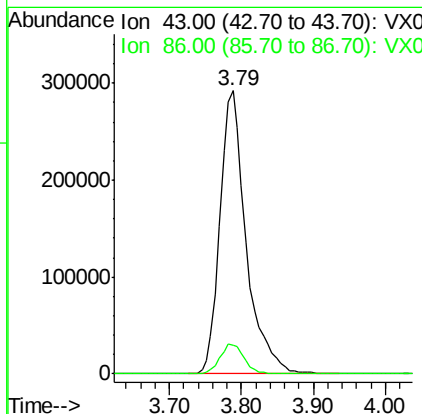
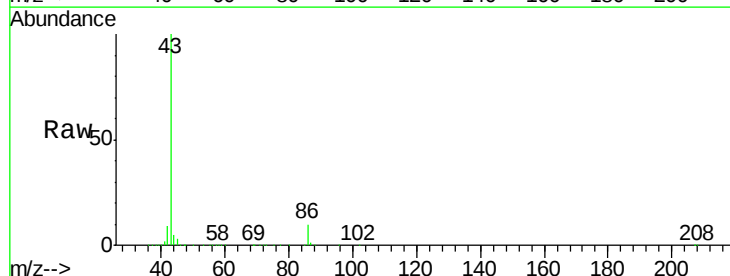
RT: 3.79 min Scan# 443

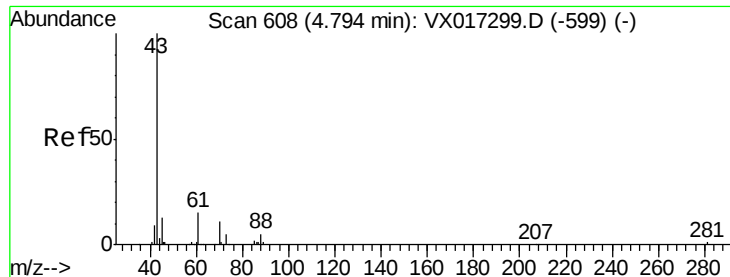
Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tgt Ion:	43	Resp:	740490
Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.9	11.9





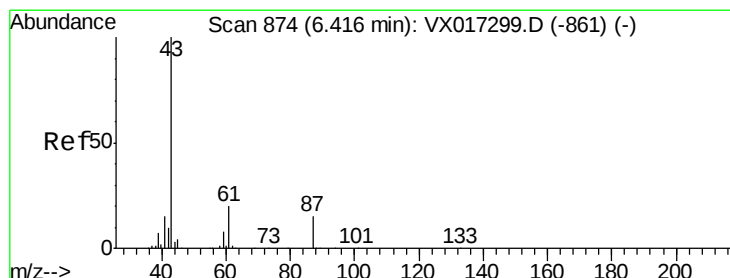
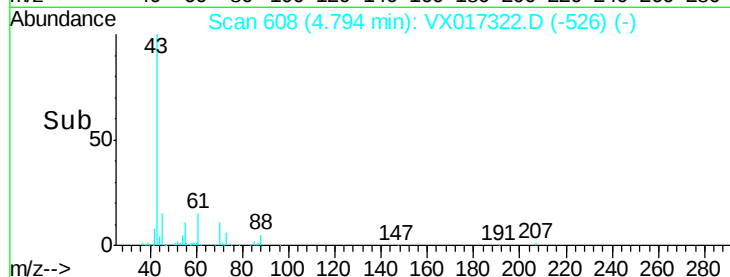
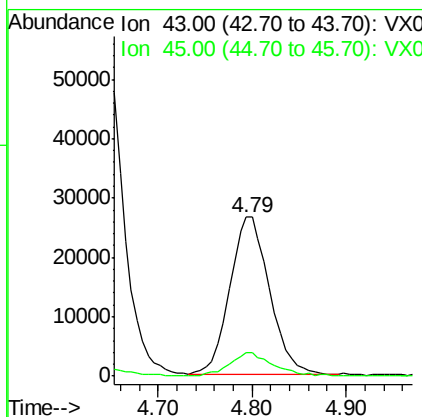
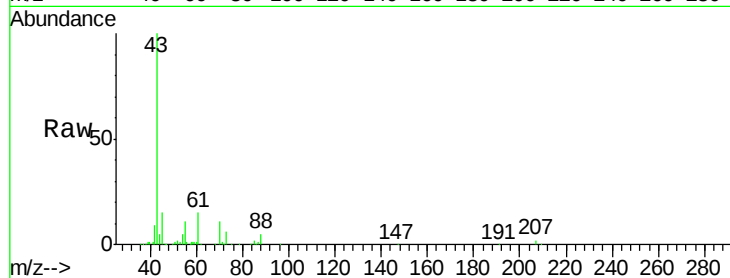
#43
Ethyl Acetate
Concen: 21.358 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 78000
Ion Ratio Lower Upper
43 100
45 15.4 12.1 18.1

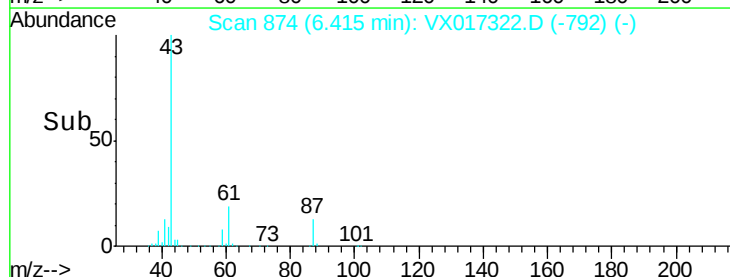
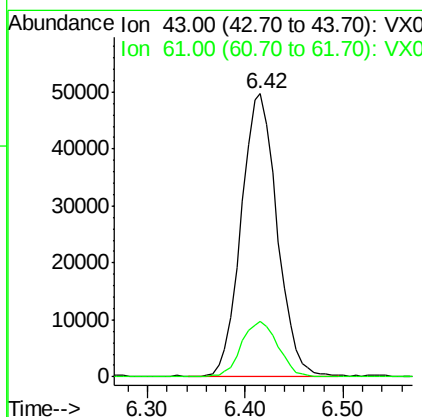
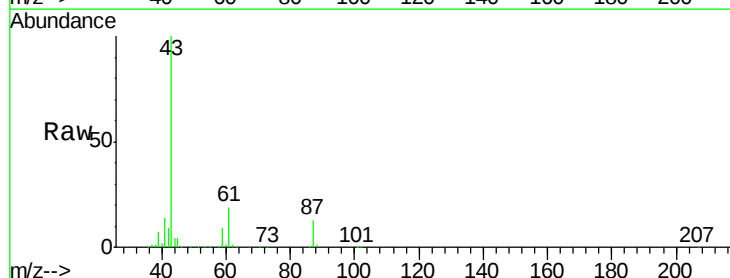
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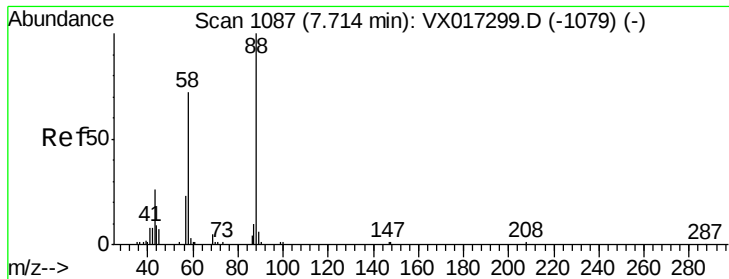
MMDadoda
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#44
Isopropyl Acetate
Concen: 20.877 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 43 Resp: 126850
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5





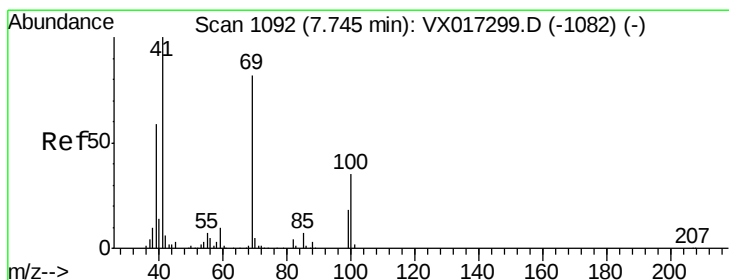
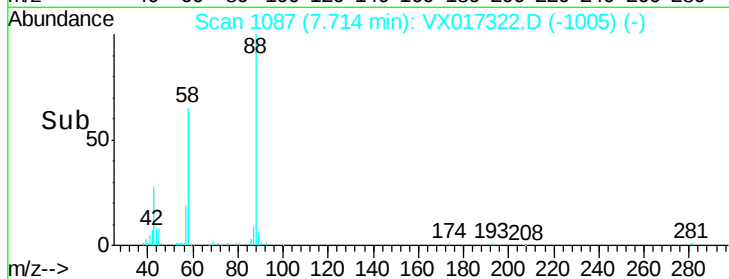
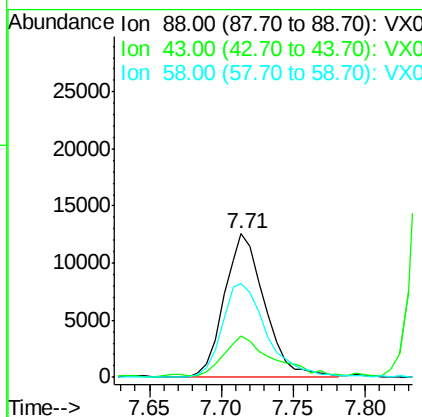
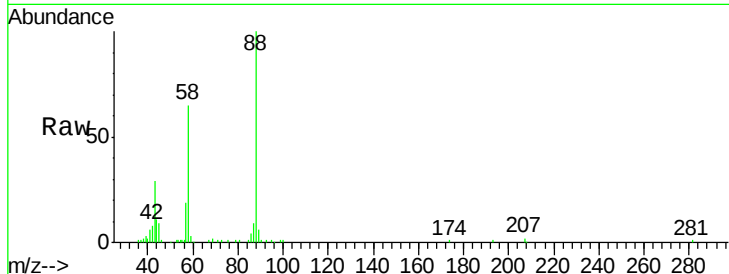
#45
1,4-Dioxane
Concen: 424.340 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	29.0	43.4
58	72.3	58.3	87.5

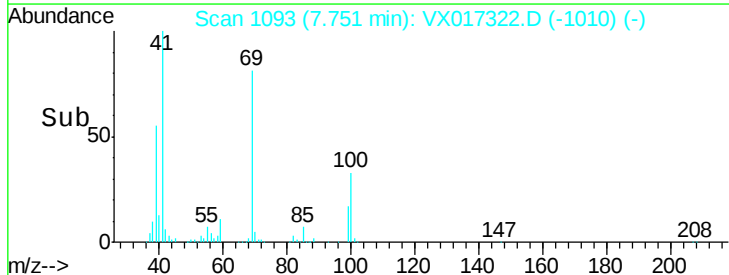
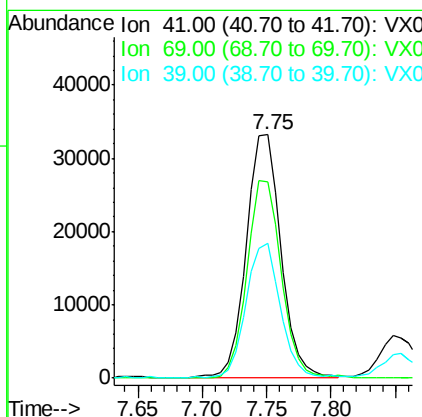
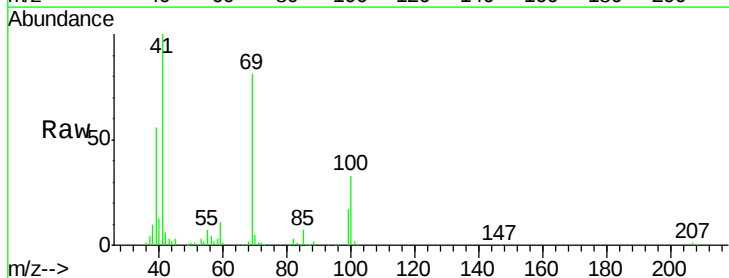
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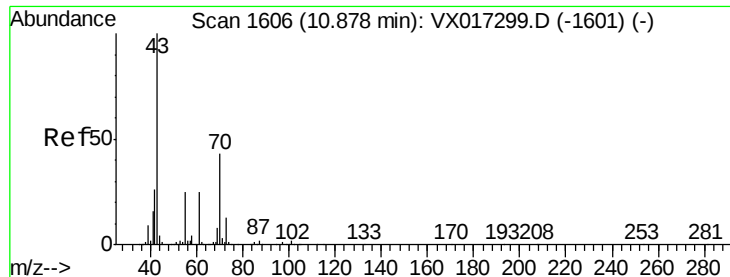
MMDadoda
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#46
Methyl methacrylate
Concen: 20.789 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.7	41.1	123.3
39	55.5	29.2	87.6





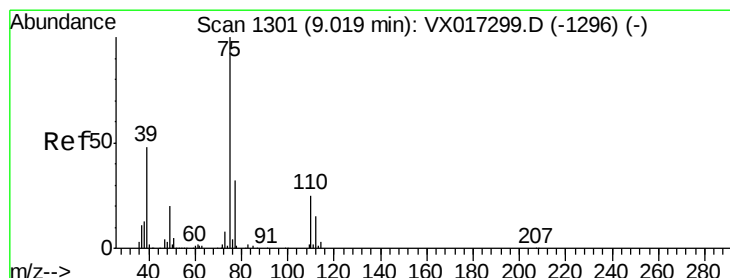
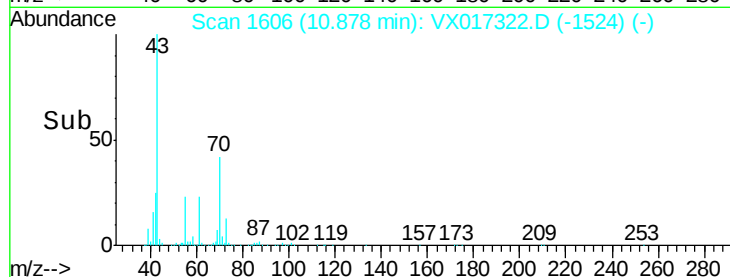
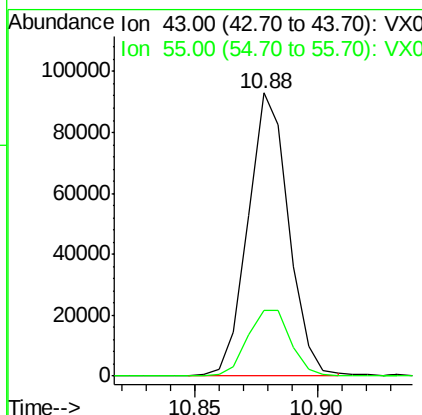
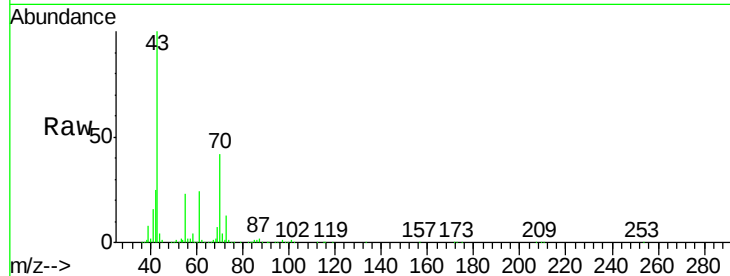
#47
n-amvl Acetate
Concen: 19.915 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 107150
Ion Ratio Lower Upper
43 100
55 25.0 20.4 30.6

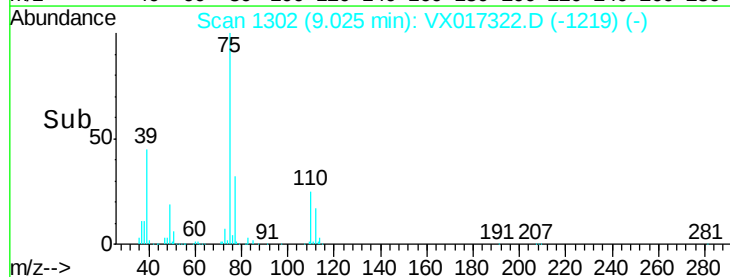
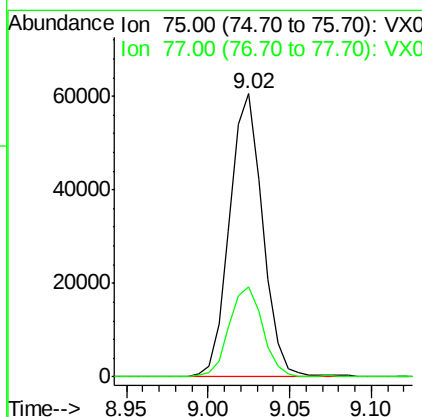
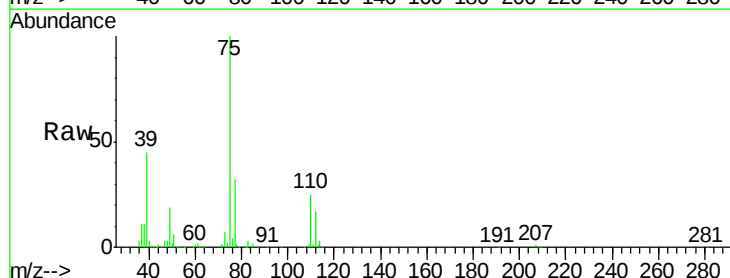
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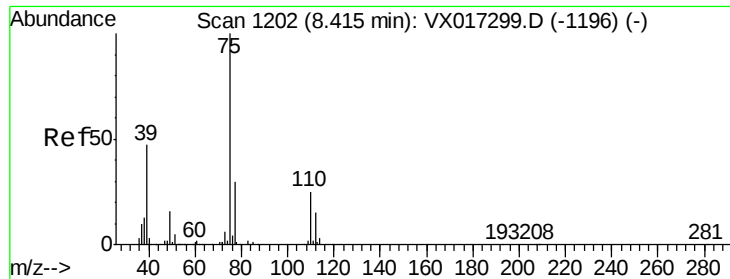
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#48
t-1,3-Dichloropropene
Concen: 19.601 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 75 Resp: 85864
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4





#49

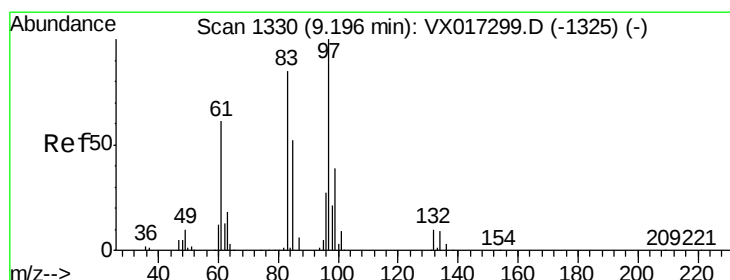
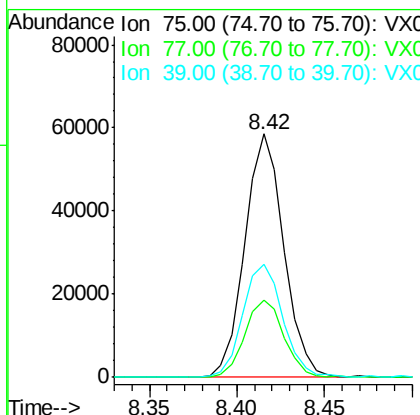
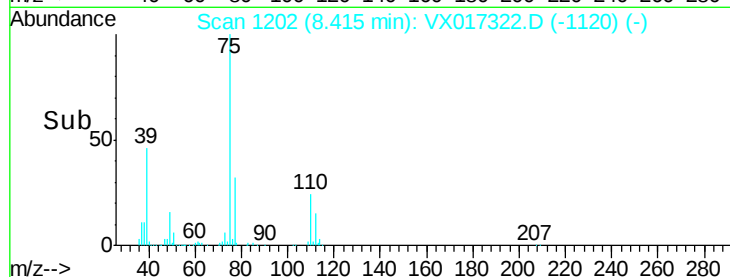
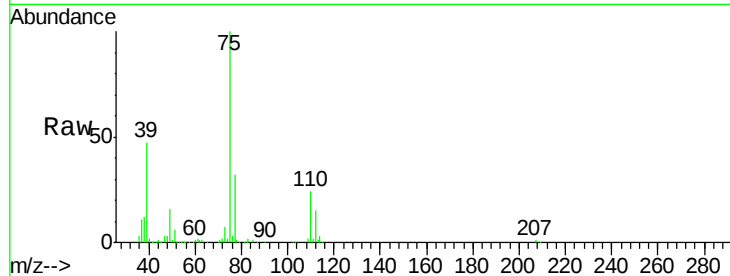
cis-1,3-Dichloropropene
Concen: 19.892 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	75	Resp:	91182
Ion	Ratio	Lower	Upper
75	100		
77	31.7	23.6	35.4
39	46.3	37.5	56.3

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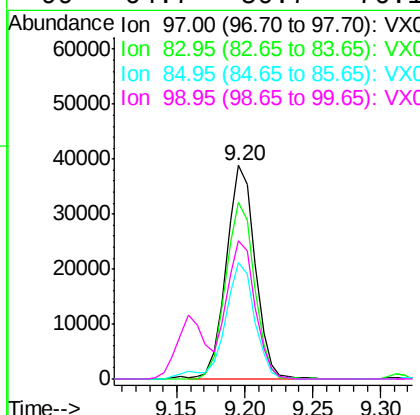
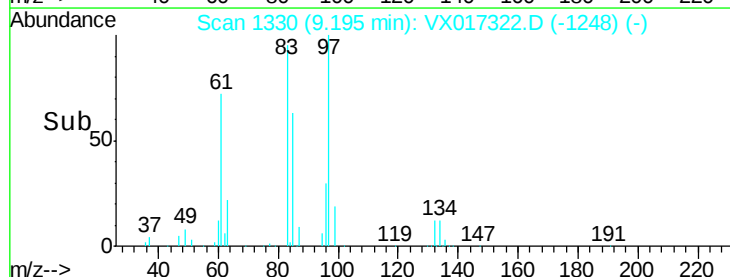
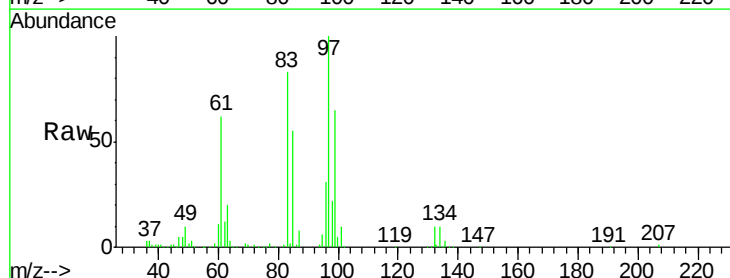
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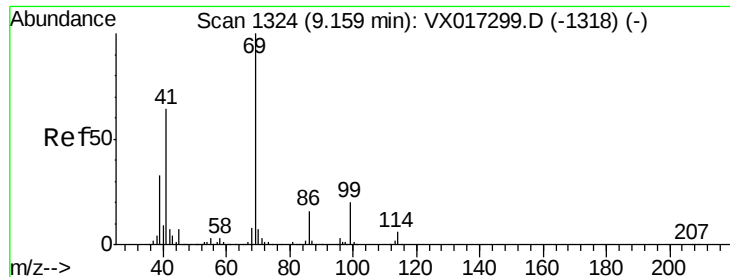


#50

1,1,2-Trichloroethane
Concen: 20.369 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion:	97	Resp:	57373
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.9	101.9
85	54.8	42.6	64.0
99	64.7	50.7	76.1





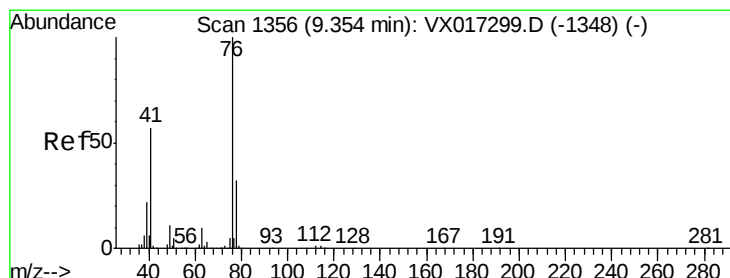
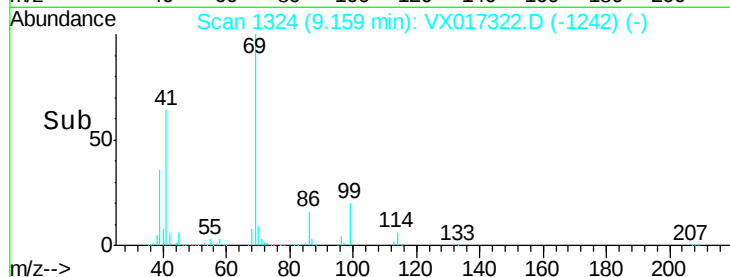
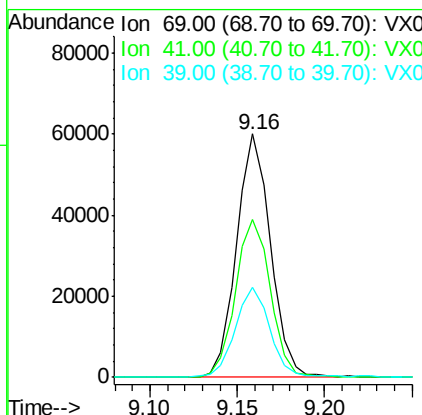
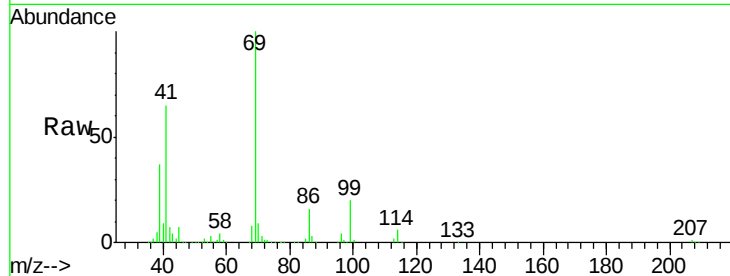
#51
Ethyl methacrylate
Concen: 19.713 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
69	100		
41	64.6	32.1	96.5
39	36.7	16.3	48.9

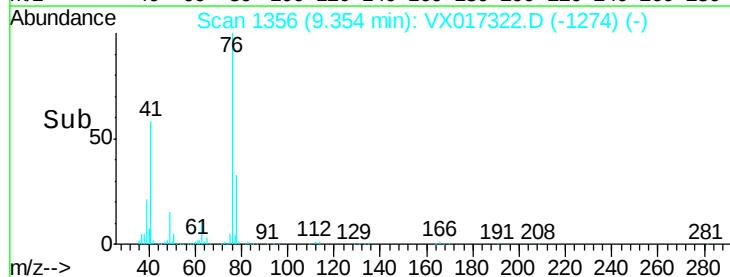
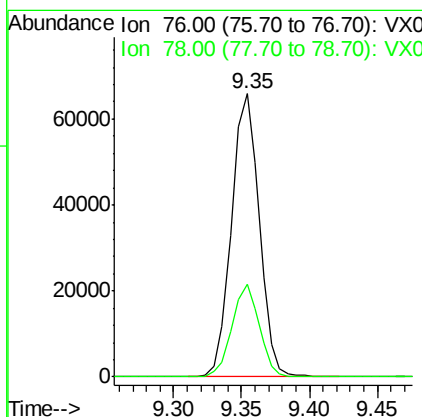
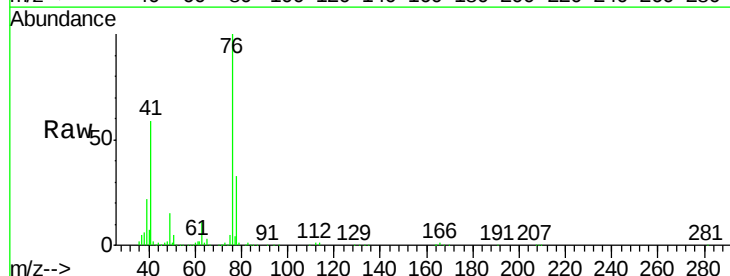
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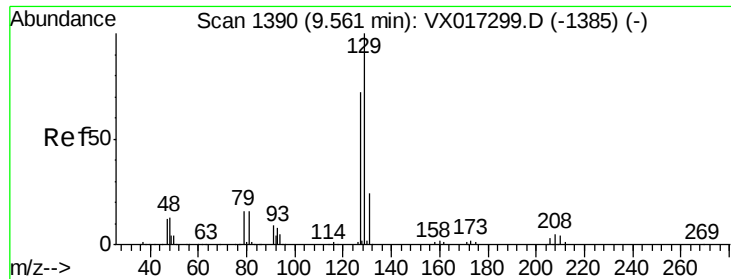
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#52
1,3-Dichloropropane
Concen: 20.374 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.6





#53

Dibromochloromethane

Concen: 19.579 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 67319

Ion Ratio Lower Upper

129 100

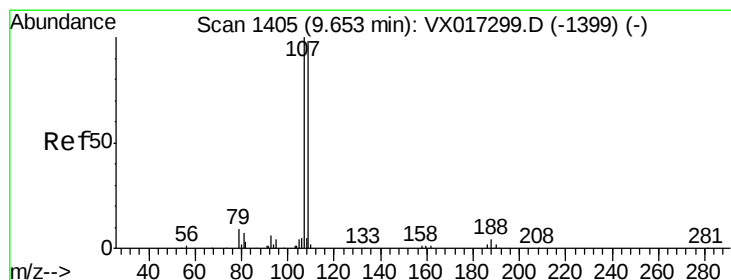
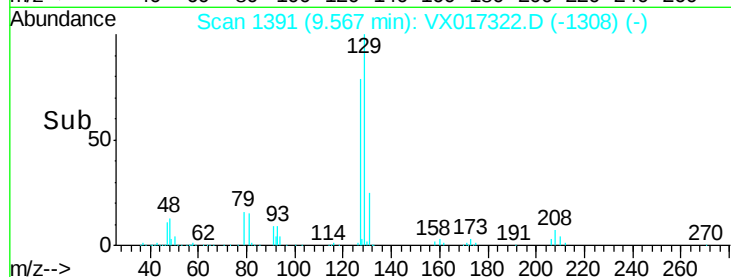
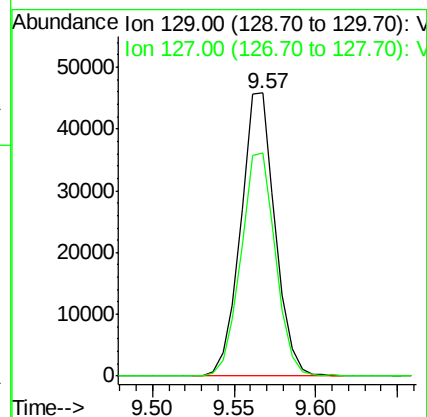
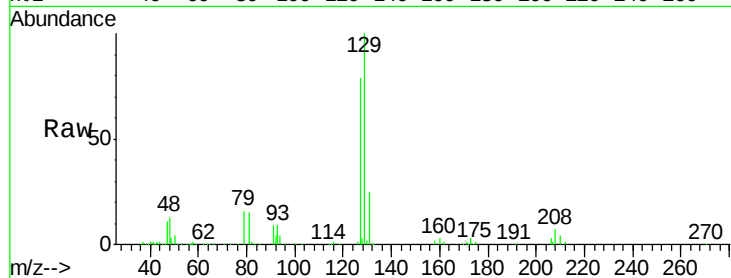
127 79.0 37.5 112.5

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#54

1,2-Dibromoethane

Concen: 20.815 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017322.D

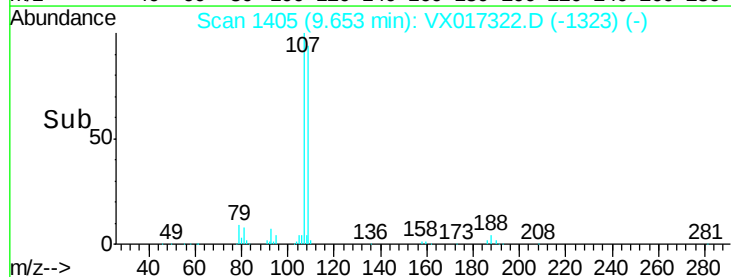
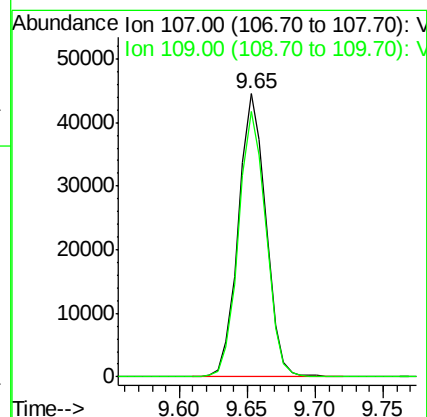
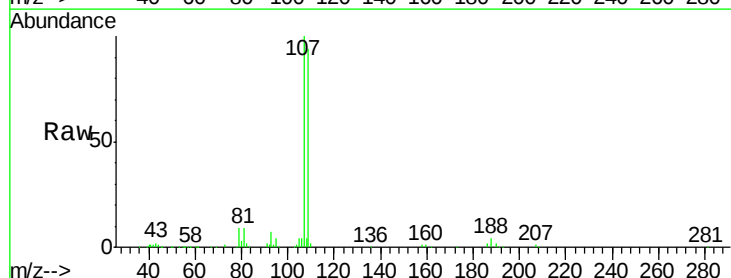
Acq: 09 Jul 2020 20:44

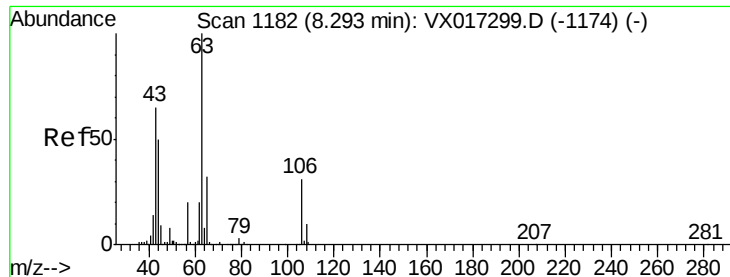
Tgt Ion:107 Resp: 62688

Ion Ratio Lower Upper

107 100

109 93.6 76.9 115.3





#55

2-Chloroethyl vinyl ether

Concen: 118.213 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

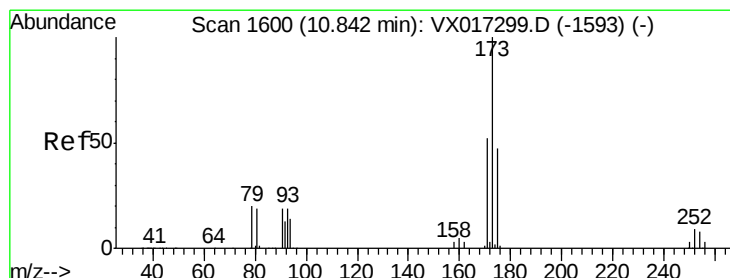
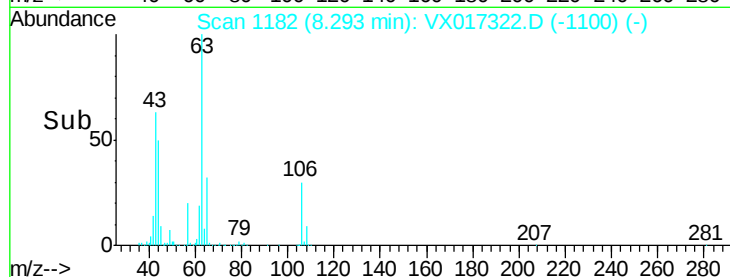
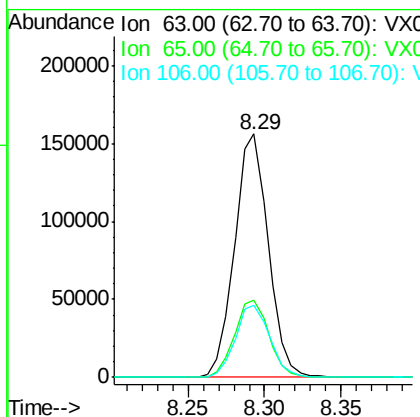
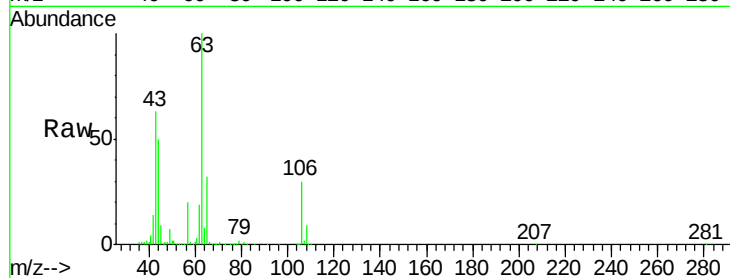
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	238261
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.4	38.0
106	30.4	24.5	36.7

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#56

Bromoform

Concen: 19.648 ug/l

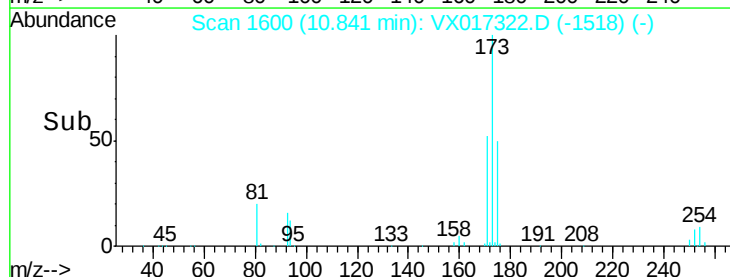
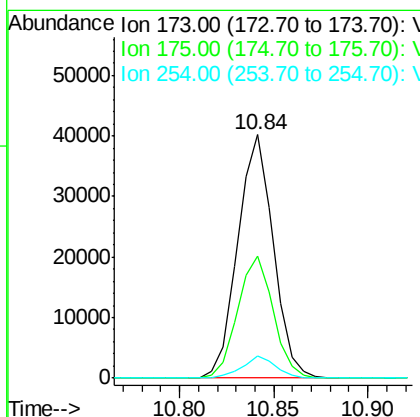
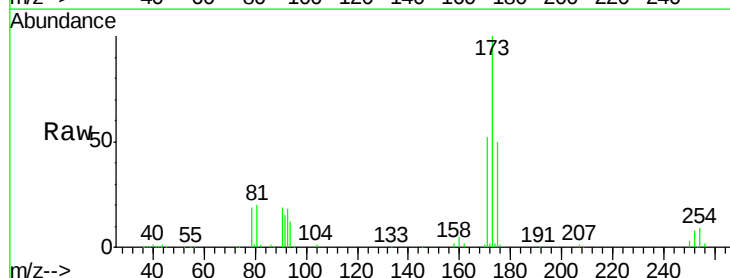
RT: 10.84 min Scan# 1600

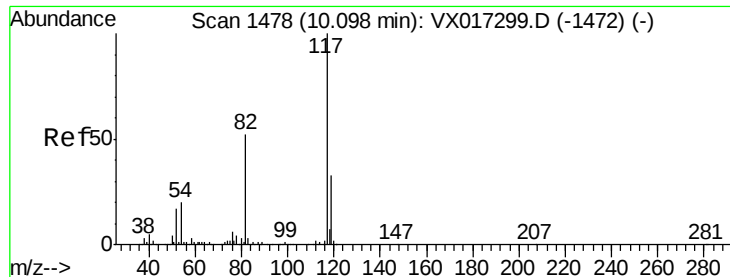
Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tgt Ion:	173	Resp:	52700
Ion	Ratio	Lower	Upper
173	100		
175	50.0	38.4	57.6
254	8.6	7.0	10.4





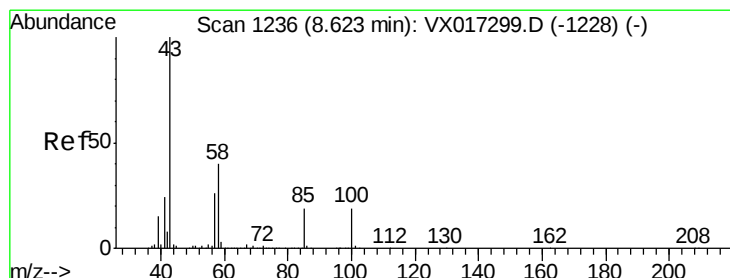
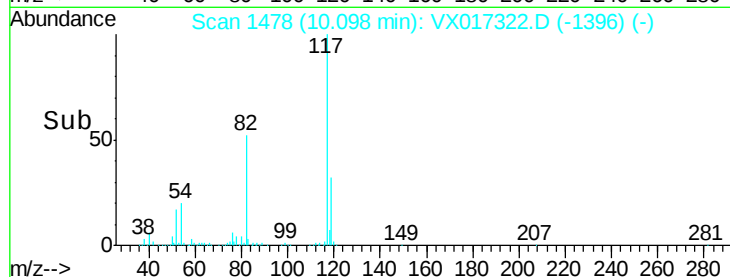
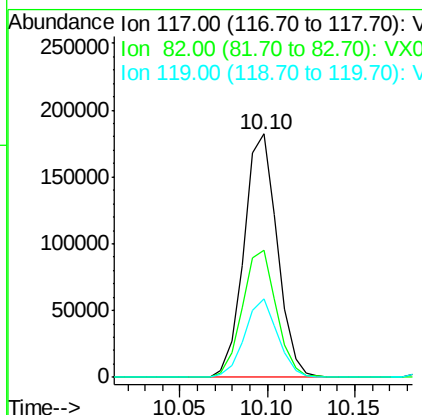
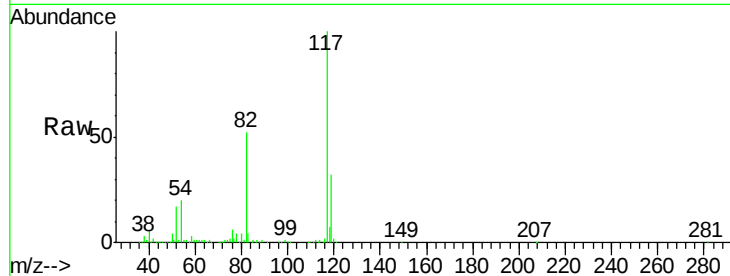
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.2	63.4
119	31.9	26.4	39.6

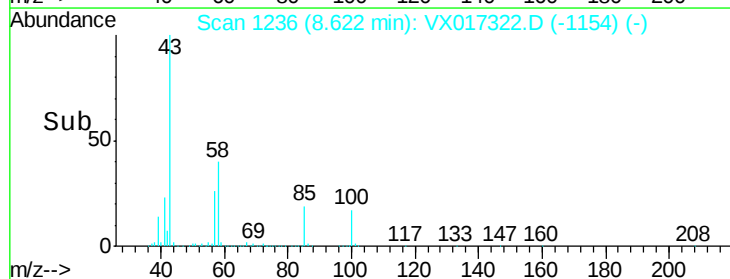
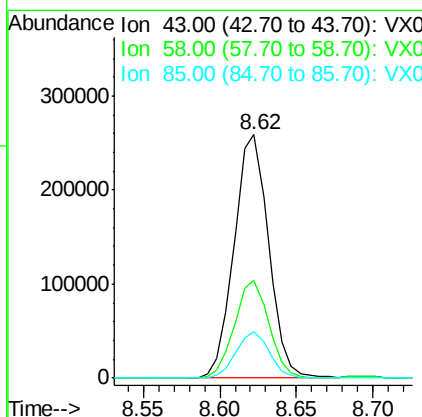
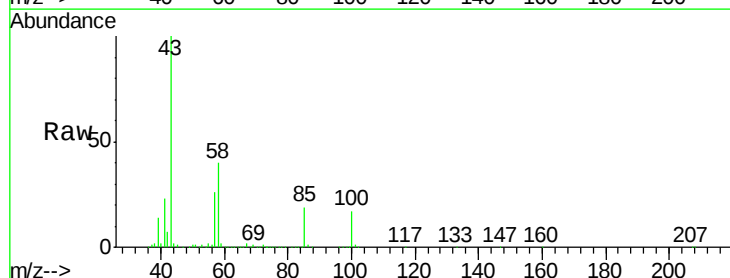
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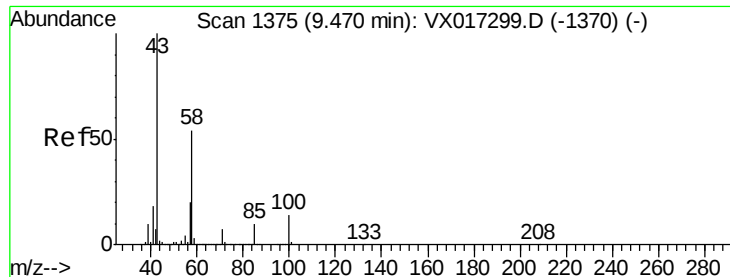
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#58
4-Methyl-2-Pentanone
Concen: 106.175 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.2	48.2
85	18.6	14.8	22.2





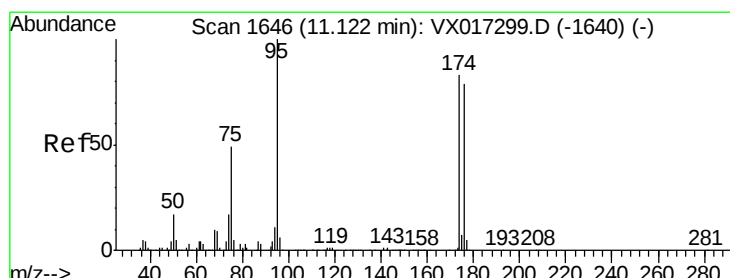
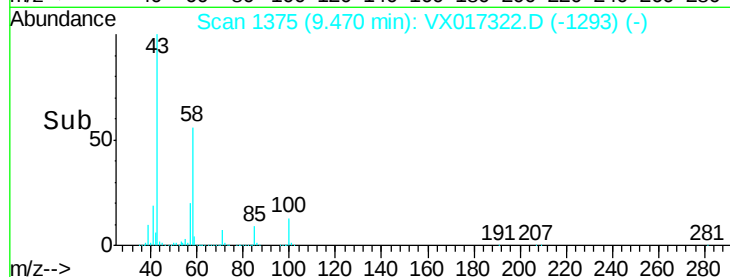
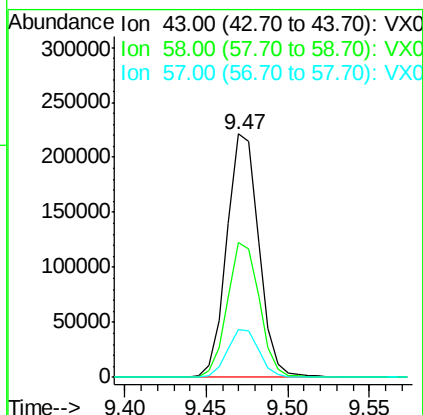
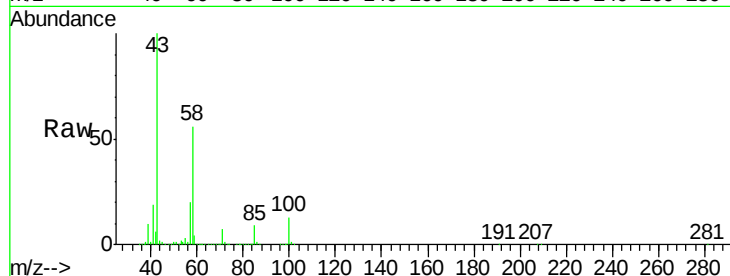
#59
2-Hexanone
Concen: 103.997 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.4	65.0
57	19.6	15.1	22.7

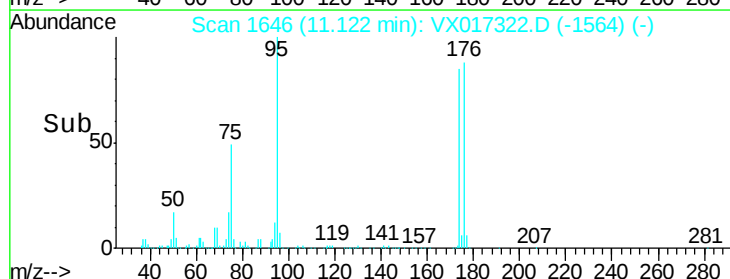
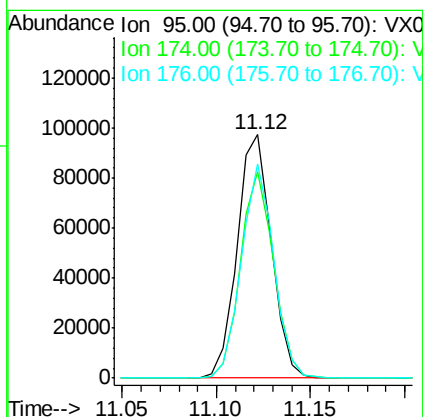
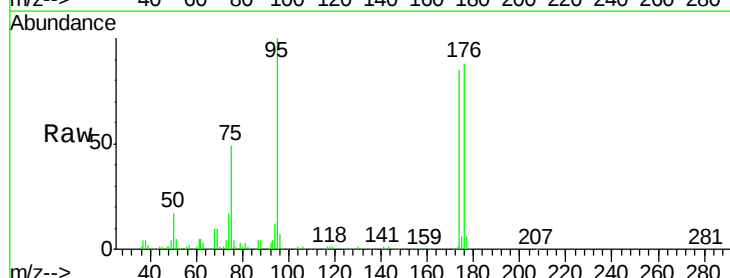
Manual Integrations
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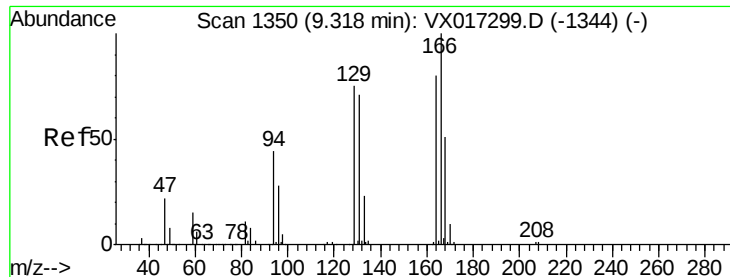
MMDadoda
7/10/2020 12:37:11 PM



#60
4-Bromofluorobenzene
Concen: 29.744 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.6	66.9	100.3
176	83.4	65.5	98.3





#61

Tetrachloroethene

Concen: 18.460 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 56660

Ion Ratio Lower Upper

164 100

166 135.0 99.8 149.6

129 97.0 74.4 111.6

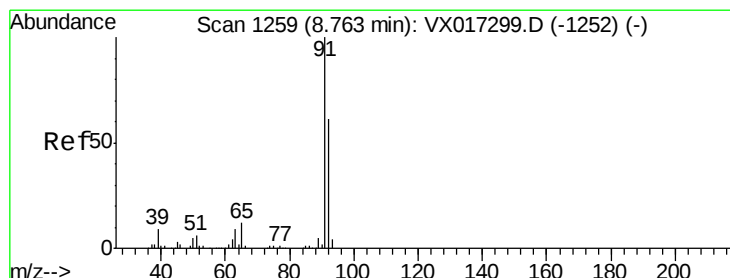
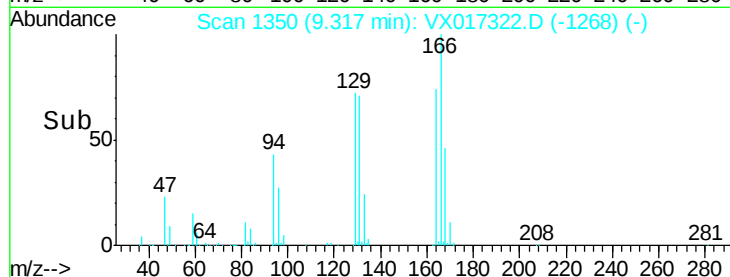
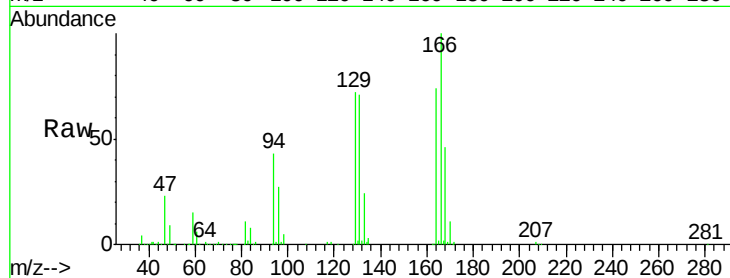
131 96.1 70.6 105.8

Manual Integrations

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#62

Toluene

Concen: 19.280 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017322.D

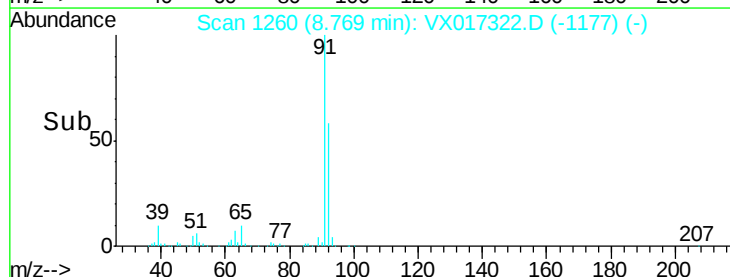
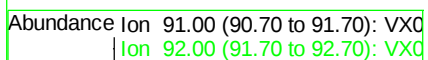
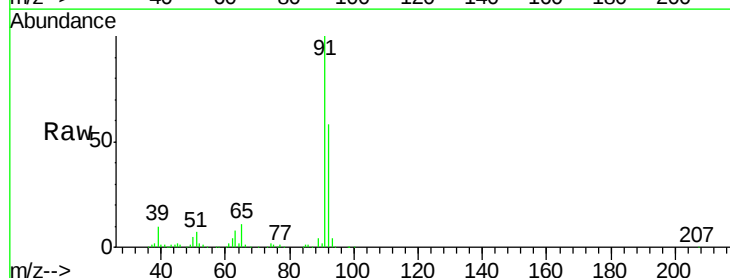
Acq: 09 Jul 2020 20:44

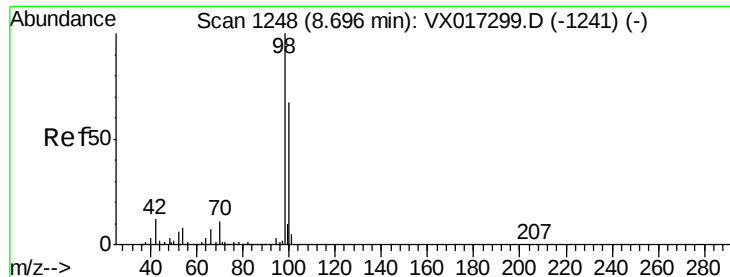
Tgt Ion: 91 Resp: 219907

Ion Ratio Lower Upper

91 100

92 57.8 47.2 70.8





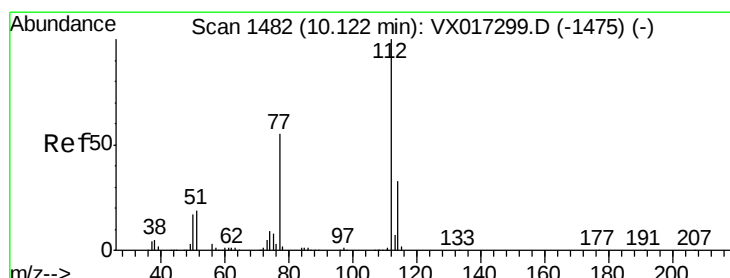
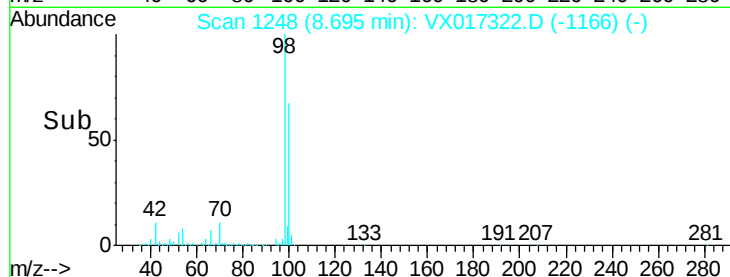
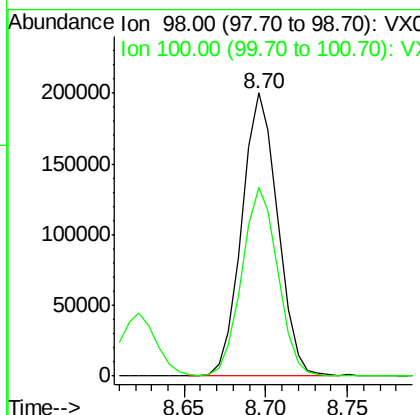
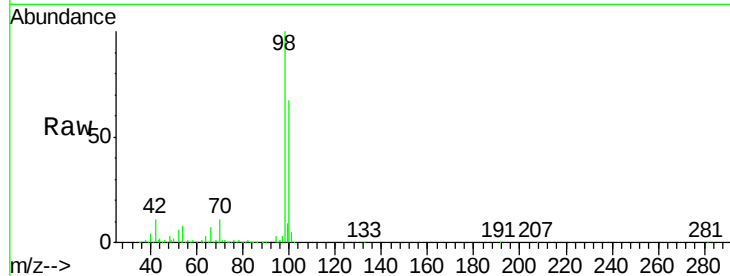
#63
Toluene-d8
Concen: 30.205 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 307835
Ion Ratio Lower Upper
98 100
100 66.8 52.8 79.2

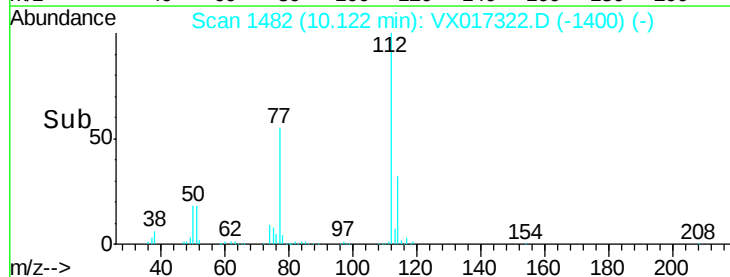
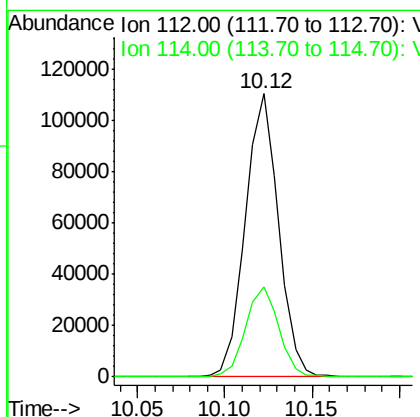
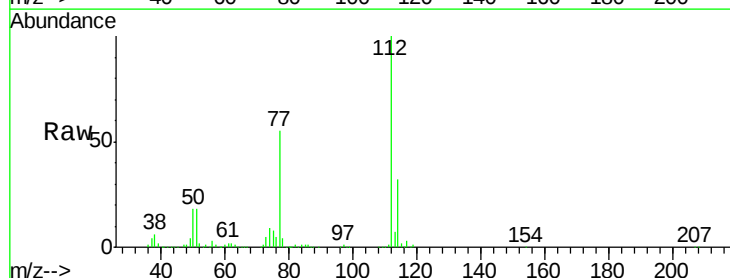
Manual Integrations
APPROVED

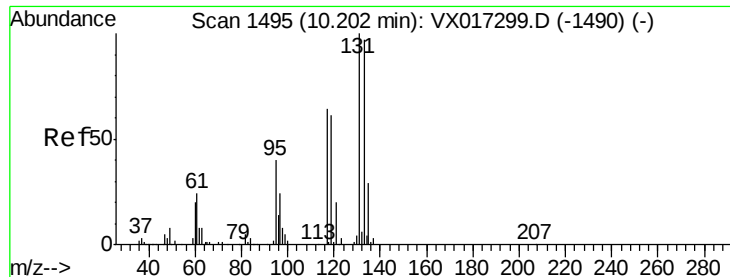
MMDadoda
7/10/2020 12:37:11 PM



#64
Chlorobenzene
Concen: 19.137 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 112 Resp: 145636
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.146 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

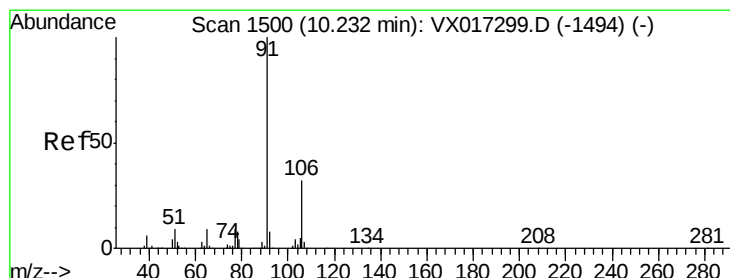
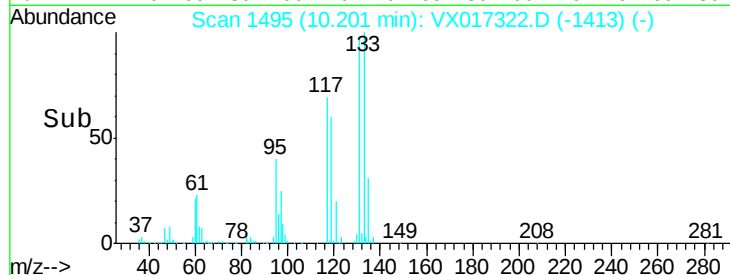
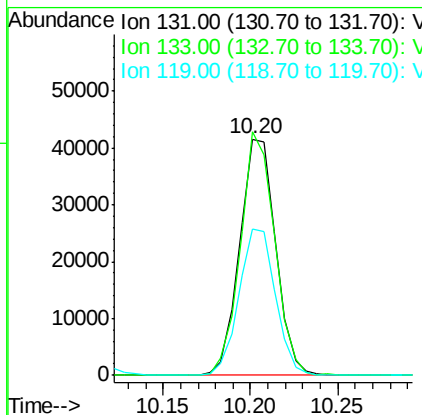
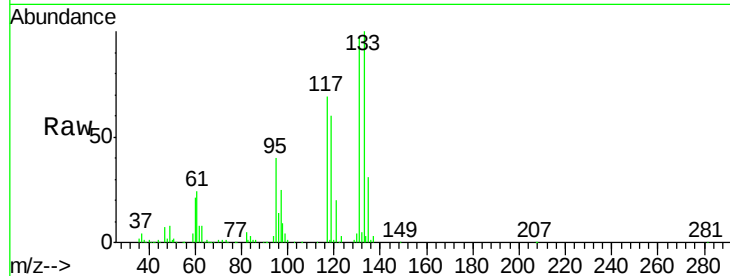
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	59531
Ion	Ratio	Lower	Upper
131	100		
133	98.1	0.0	196.8
119	62.7	0.0	126.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.440 ug/l

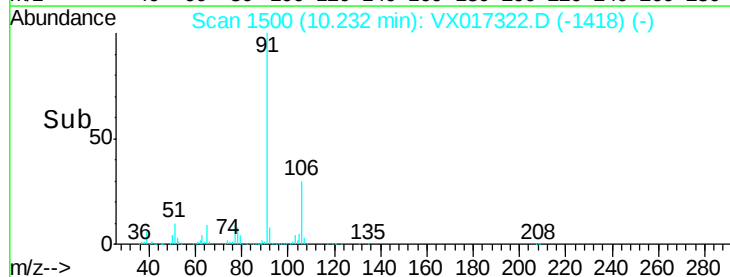
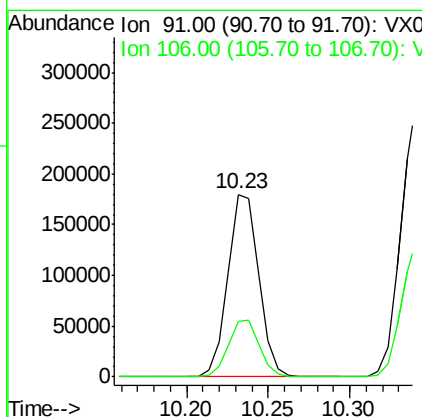
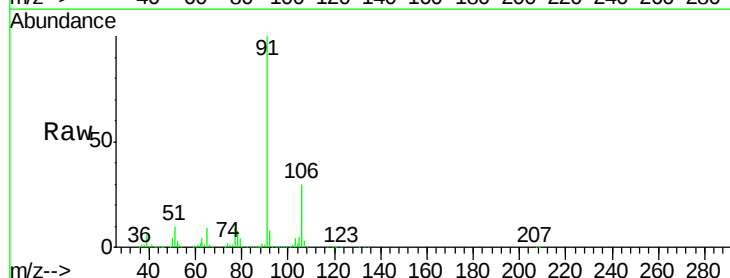
RT: 10.23 min Scan# 1500

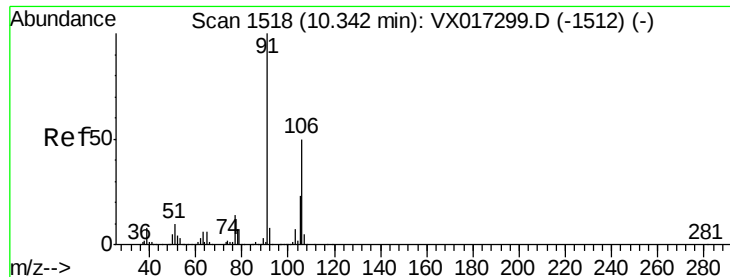
Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tgt Ion:	91	Resp:	236695
Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.2	37.8





#67

m/p-Xylenes

Concen: 36.995 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 183451

Ion Ratio Lower Upper

106 100

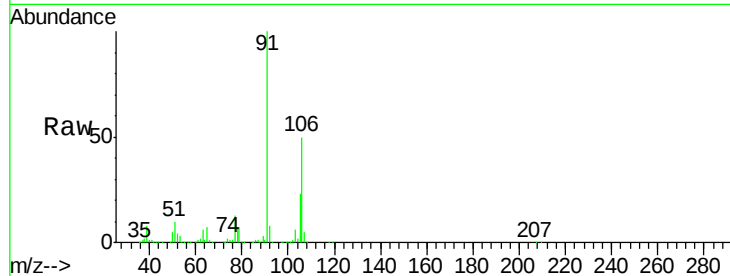
91 201.2 159.7 239.5

Manual Integrations

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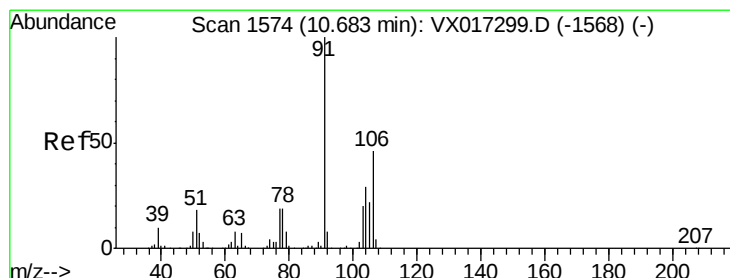
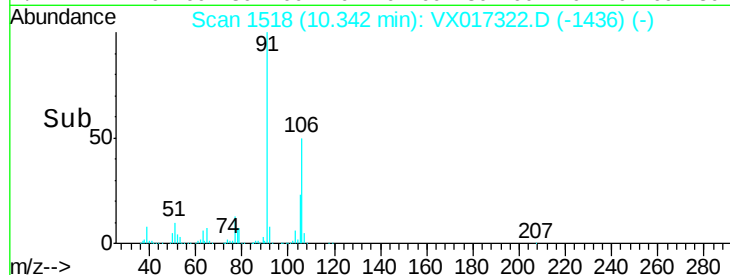
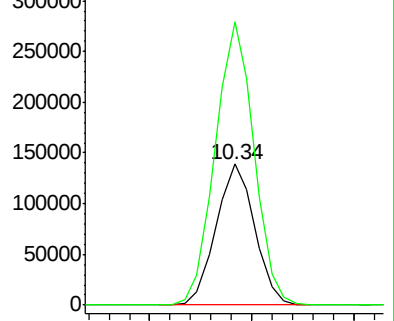
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.443 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017322.D

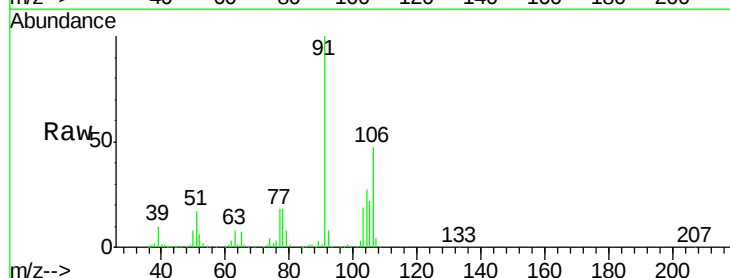
Acq: 09 Jul 2020 20:44

Tgt Ion:106 Resp: 86906

Ion Ratio Lower Upper

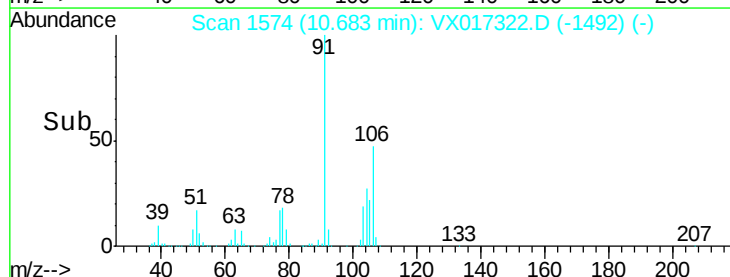
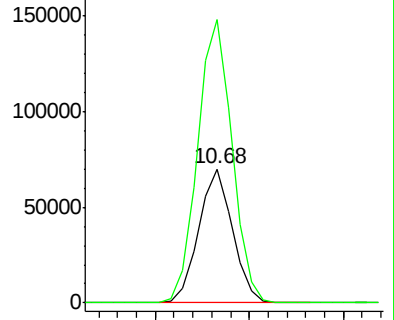
106 100

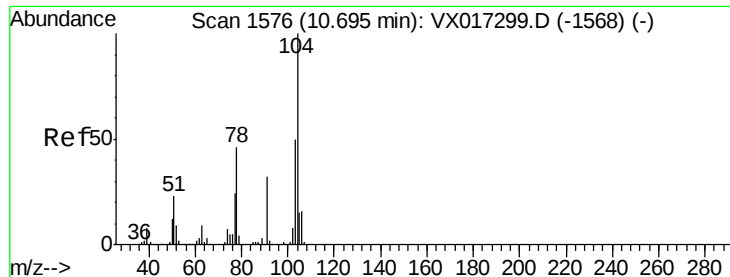
91 215.3 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





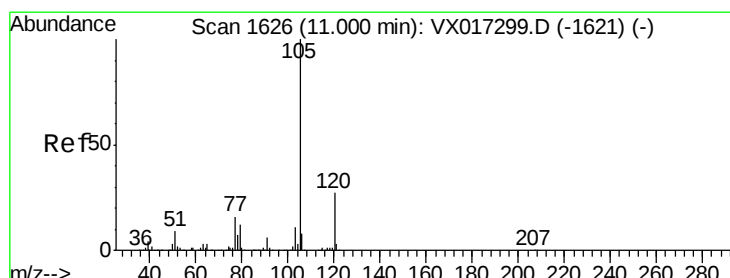
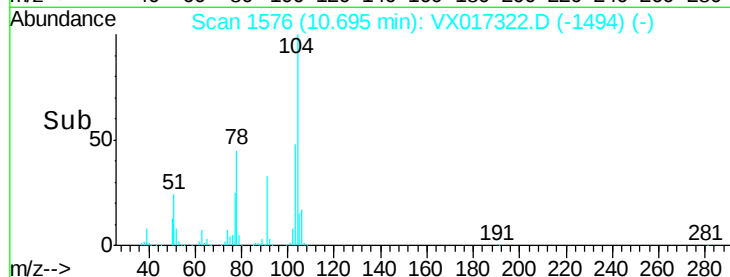
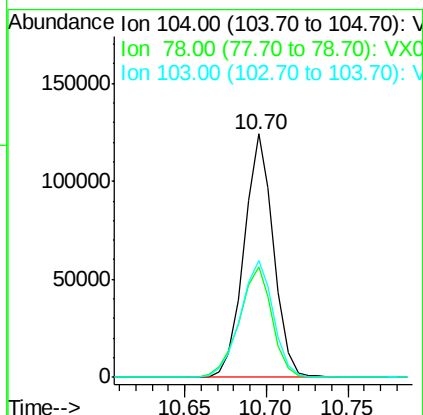
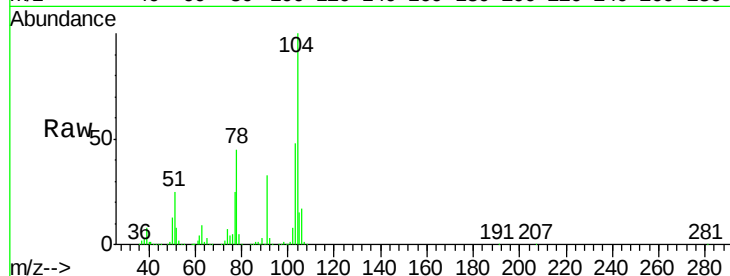
#69
Stvrene
Concen: 18.687 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.8	61.2
103	54.0	44.3	66.5

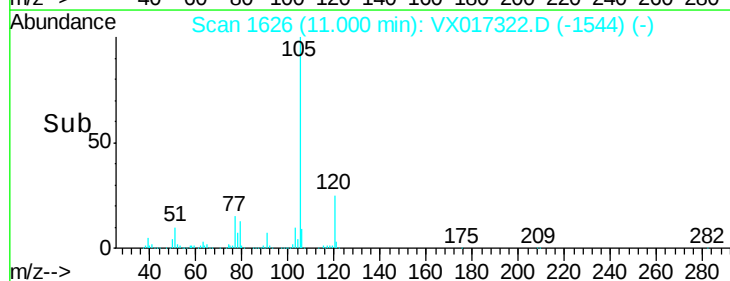
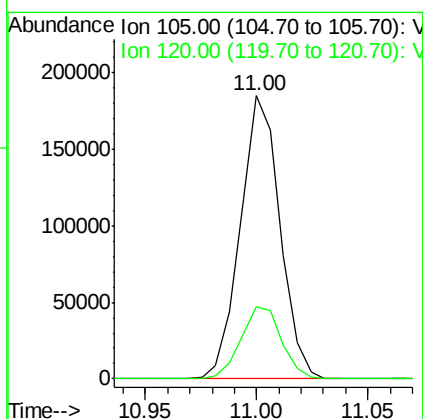
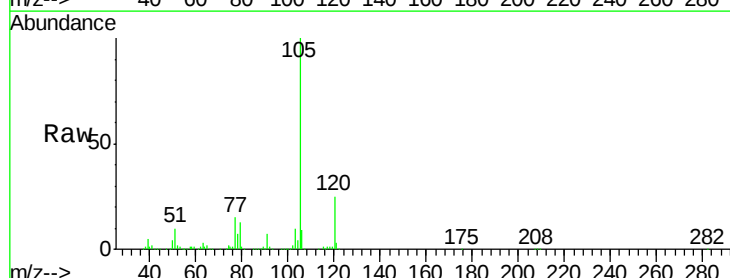
Manual Integrations
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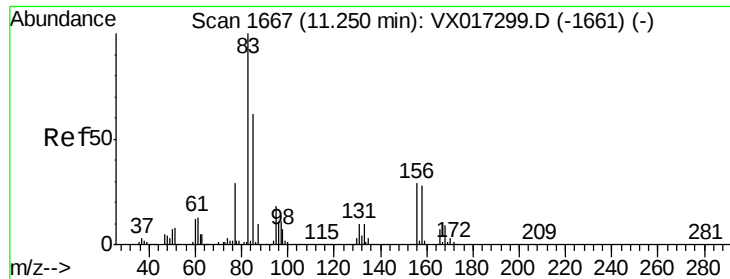
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#70
Isopropylbenzene
Concen: 17.736 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	19.3	35.8





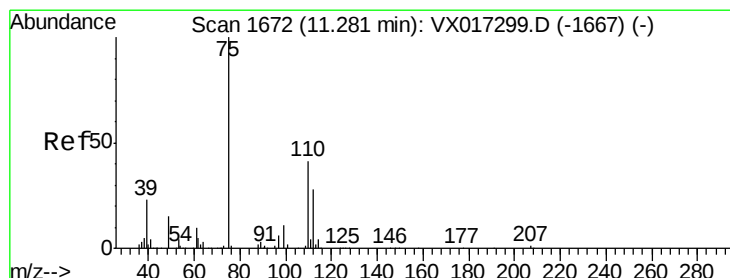
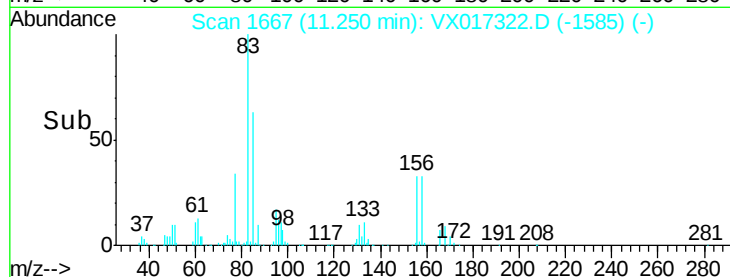
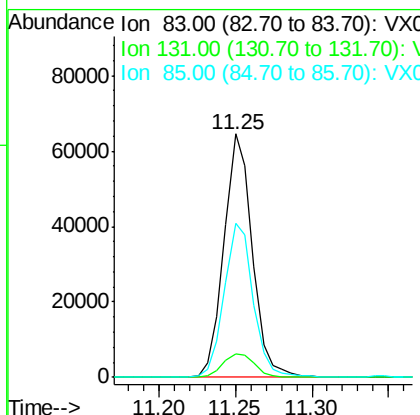
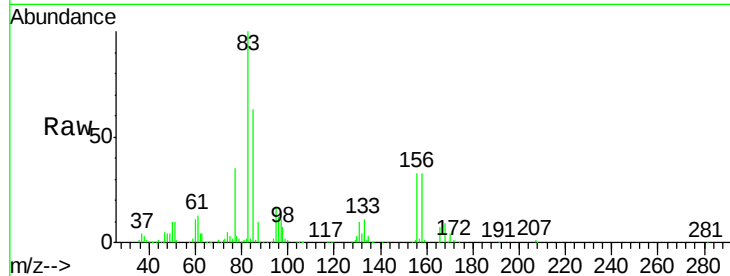
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.492 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.5	16.5
85	64.7	31.5	94.5

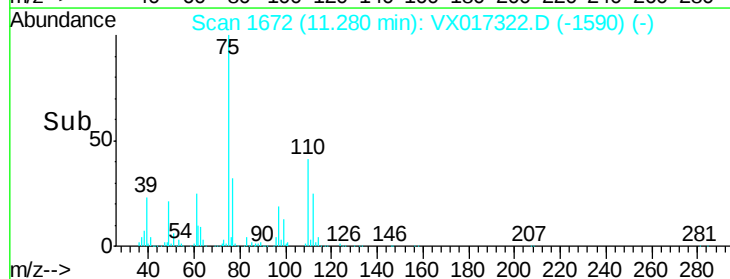
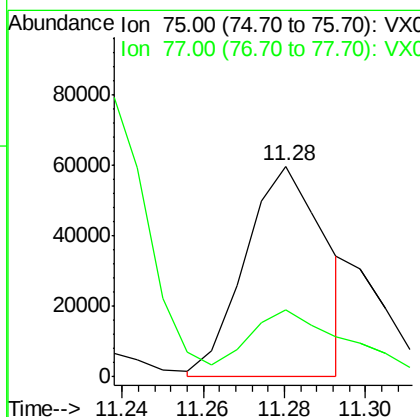
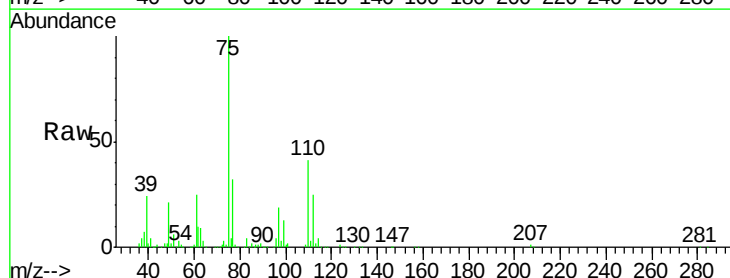
Manual Integrations
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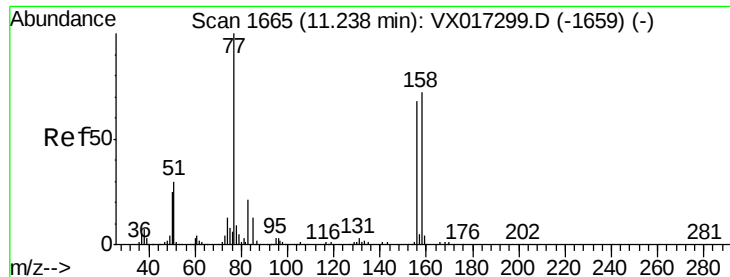
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#72
 1,2,3-Trichloropropane
 Concen: 20.577 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.5	0.0	72.2





#73

Bromobenzene

Concen: 19.549 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:156 Resp: 70995

Ion Ratio Lower Upper

156 100

77 146.0 0.0 299.2

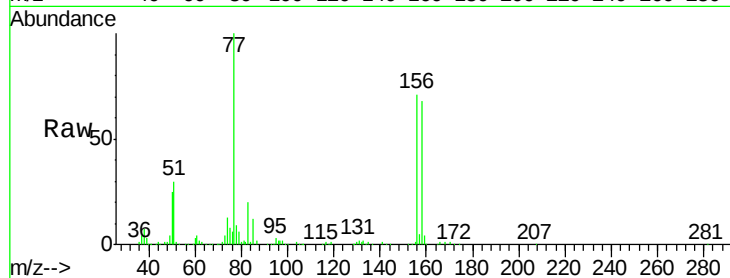
158 96.1 0.0 199.0

Manual Integrations

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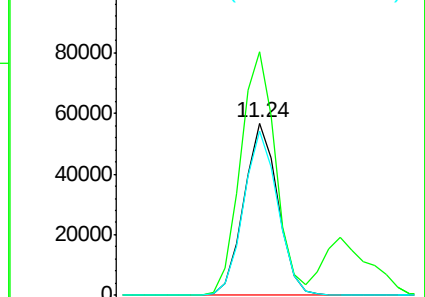
7/10/2020 12:37:11 PM



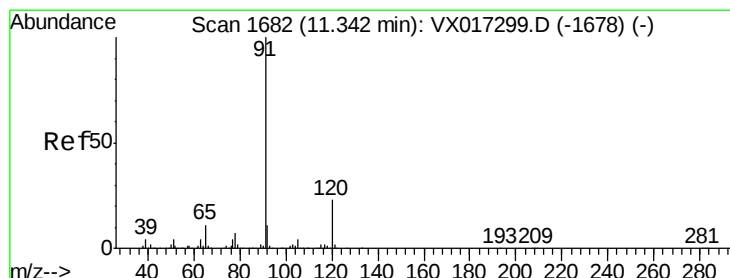
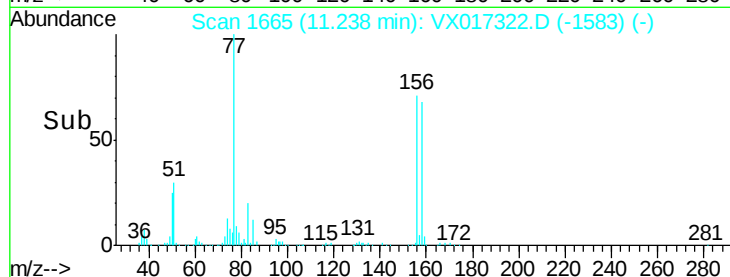
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



Time-->



#74

n-propylbenzene

Concen: 17.183 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017322.D

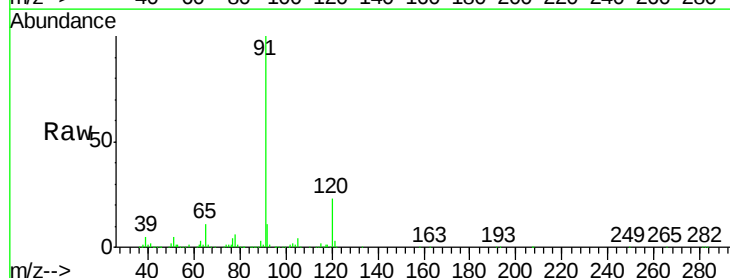
Acq: 09 Jul 2020 20:44

Tgt Ion: 91 Resp: 257307

Ion Ratio Lower Upper

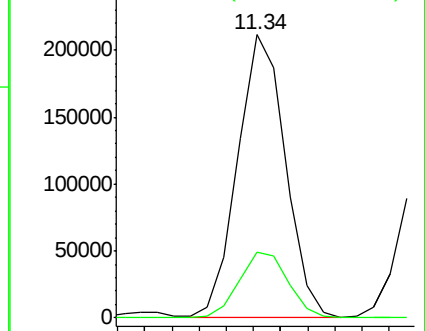
91 100

120 24.0 0.0 48.4

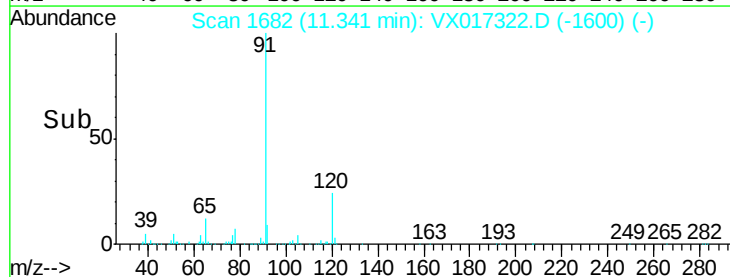


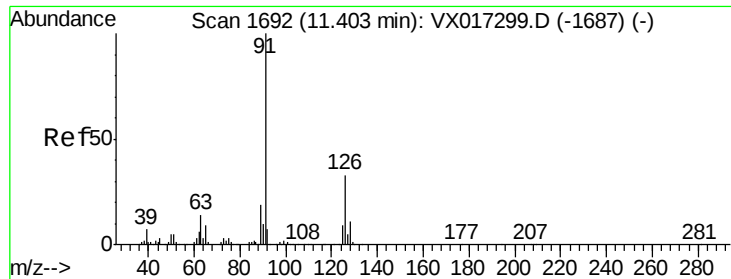
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#75

2-Chlorotoluene

Concen: 18.629 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 170058

Ion Ratio Lower Upper

91 100

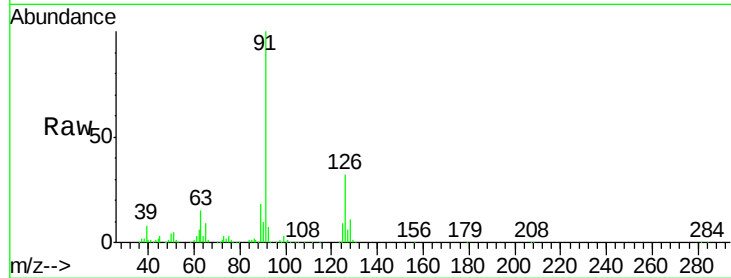
126 34.0 0.0 68.4

Manual Integrations

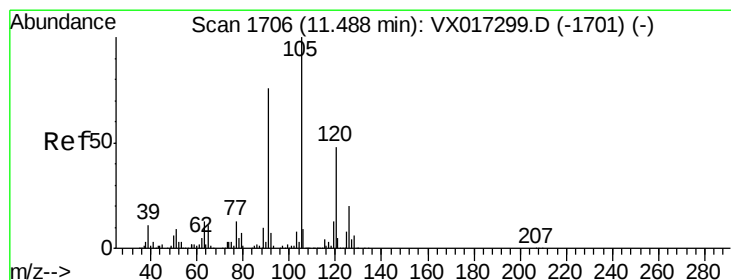
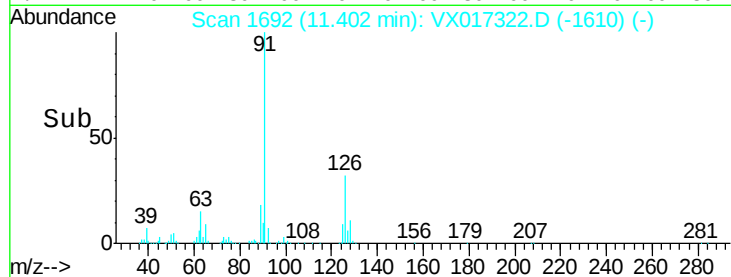
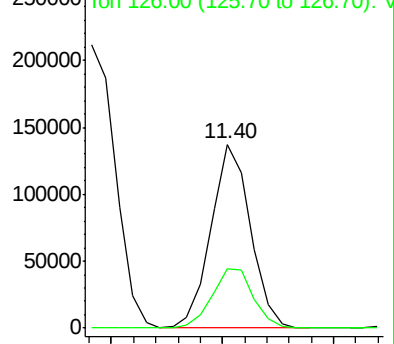
APPROVED

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7/10/2020 12:37:11 PM



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



#76

1,3,5-Trimethylbenzene

Concen: 17.863 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017322.D

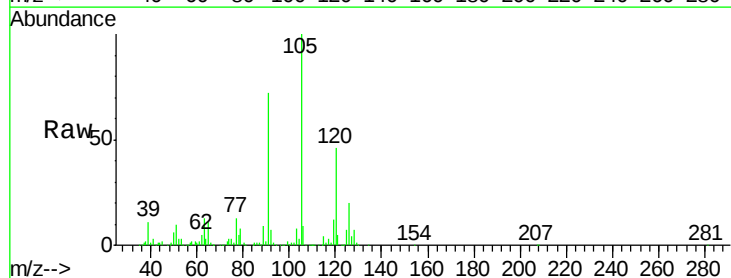
Acq: 09 Jul 2020 20:44

Tgt Ion: 105 Resp: 198096

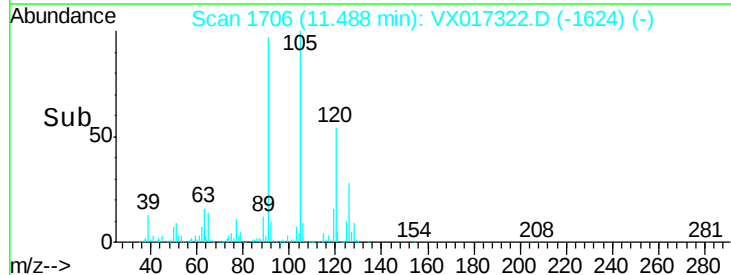
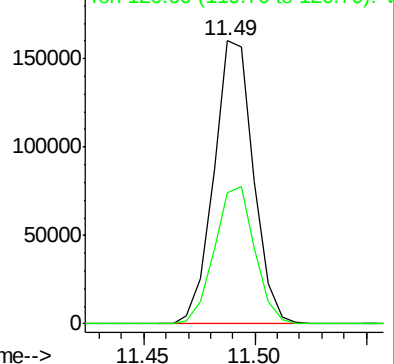
Ion Ratio Lower Upper

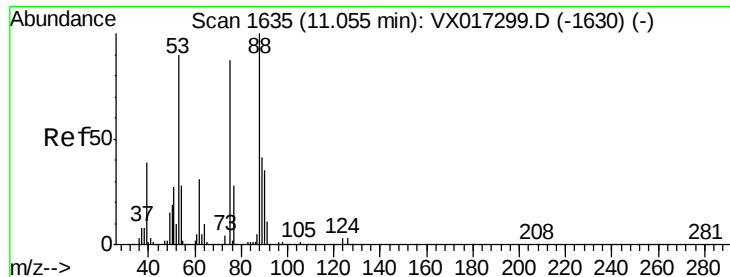
105 100

120 49.3 0.0 98.8



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





#77

t-1,4-Dichloro-2-butene

Concen: 18.476 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 75 Resp: 28054

Ion Ratio Lower Upper

75 100

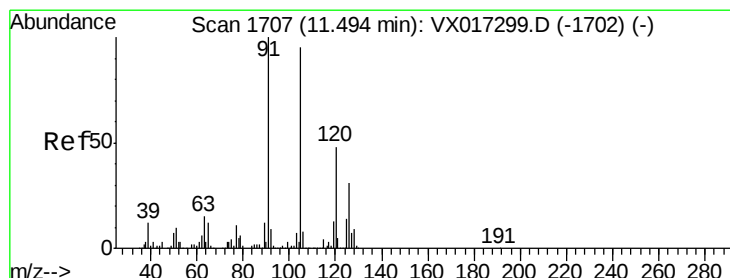
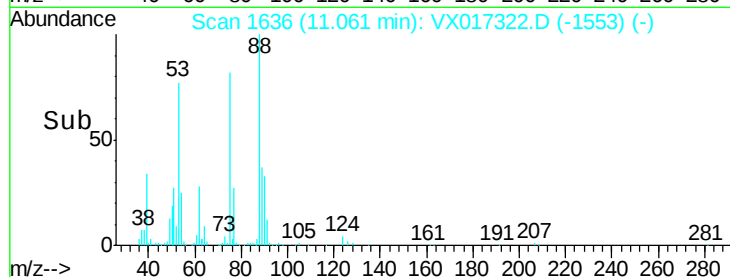
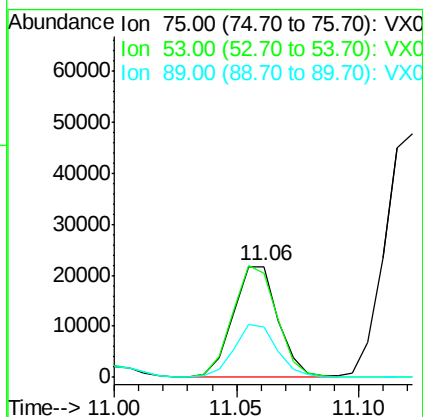
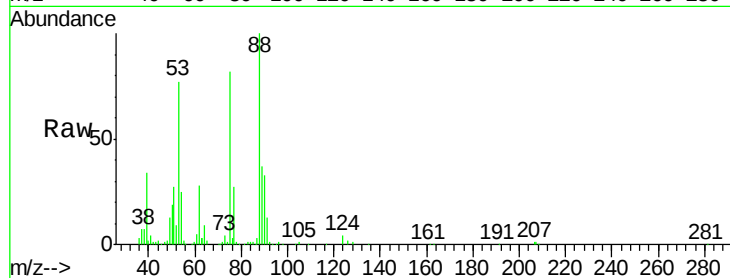
53 93.6 52.1 156.3

89 45.2 23.7 71.1

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#78

4-Chlorotoluene

Concen: 18.522 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017322.D

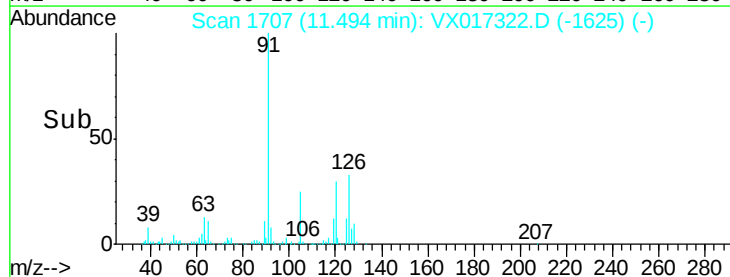
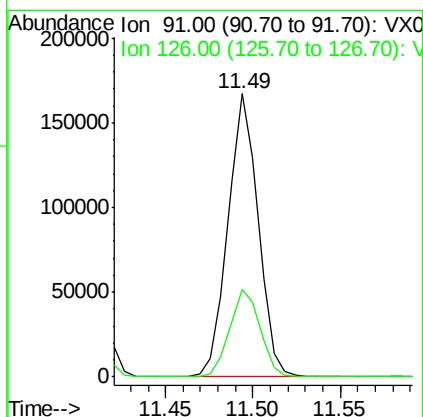
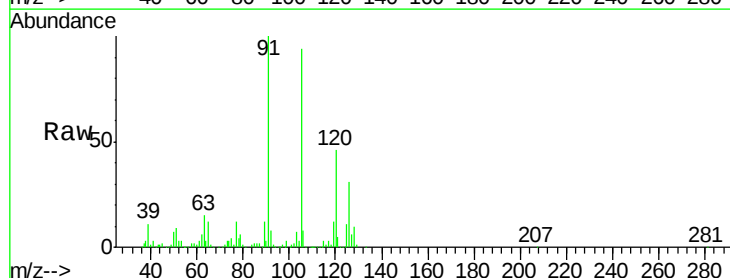
Acq: 09 Jul 2020 20:44

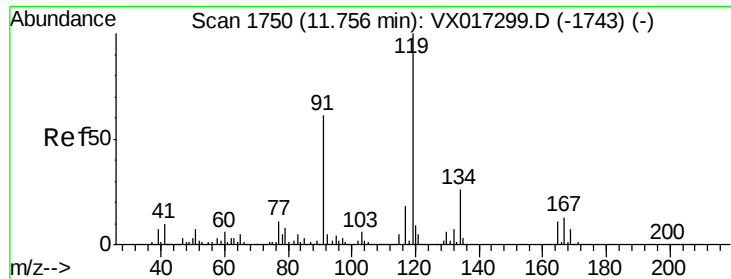
Tgt Ion: 91 Resp: 200439

Ion Ratio Lower Upper

91 100

126 31.1 0.0 61.2





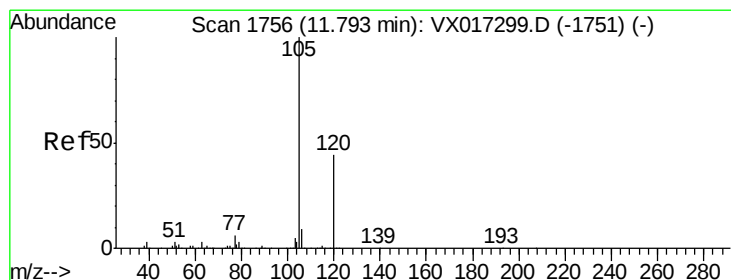
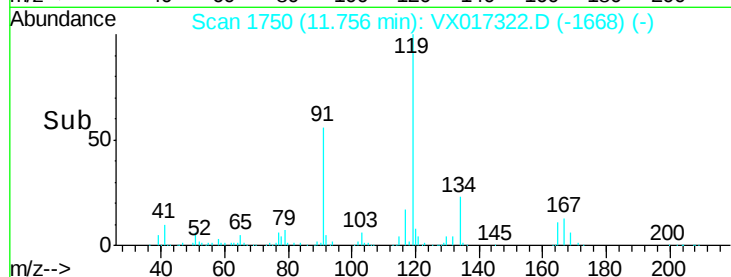
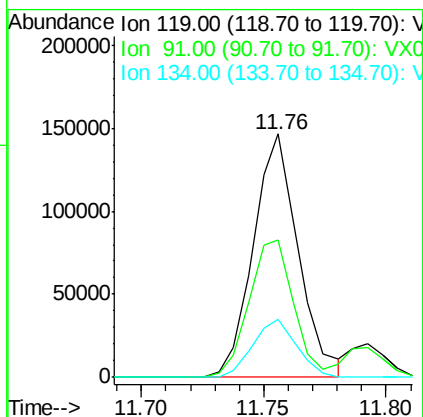
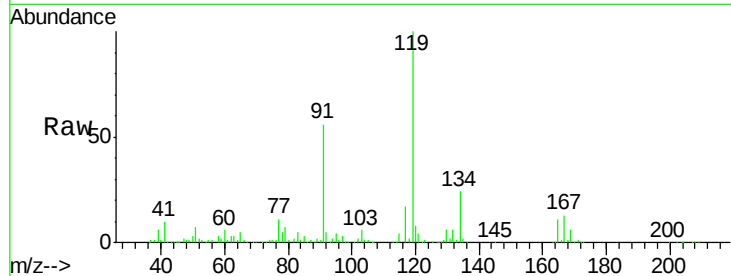
#79
tert-butylbenzene
Concen: 17.467 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187970		
91	56.0	0.0	113.6	
134	23.3	0.0	48.0	

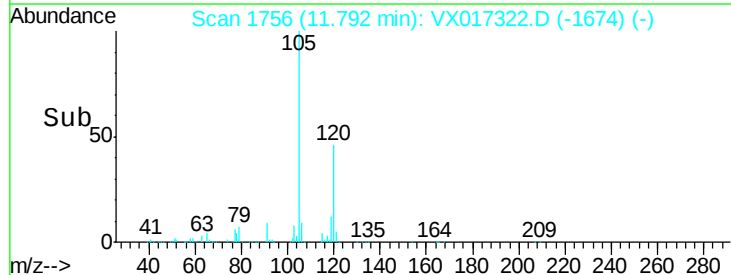
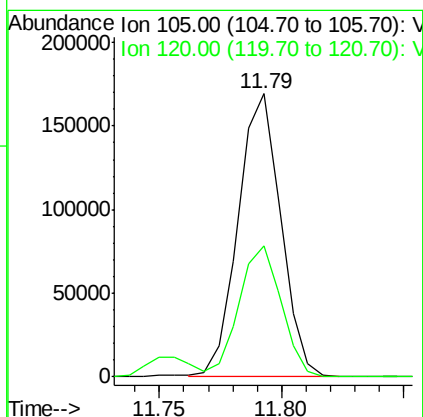
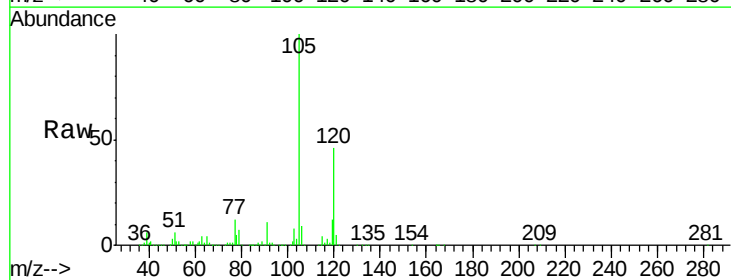
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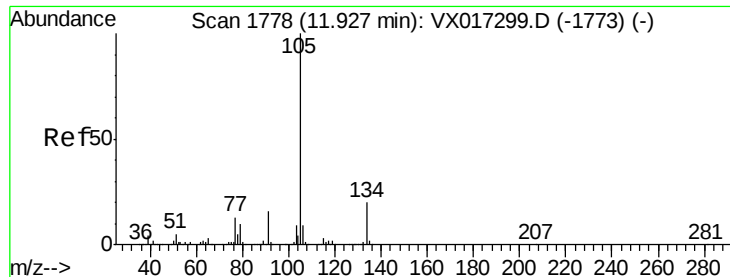
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#80
1,2,4-Trimethylbenzene
Concen: 18.439 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206299		
120	45.9	0.0	93.6	





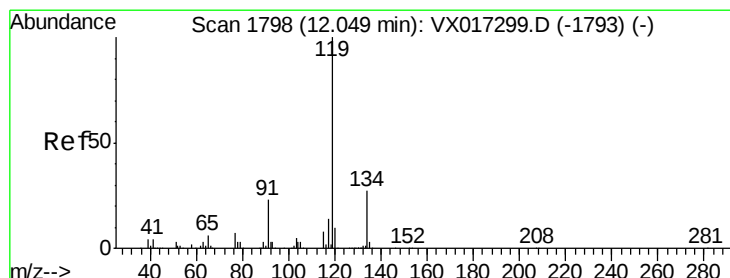
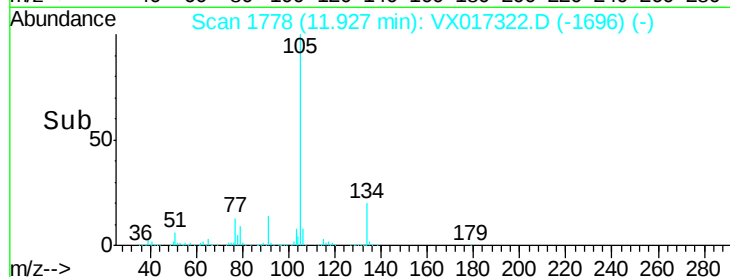
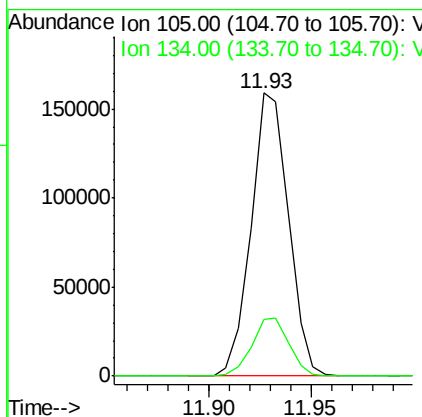
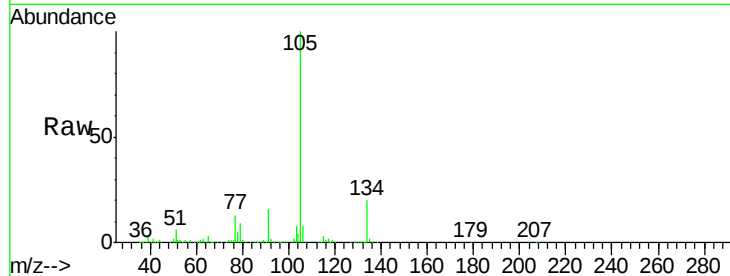
#81
 sec-Butylbenzene
 Concen: 16.372 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	41.8

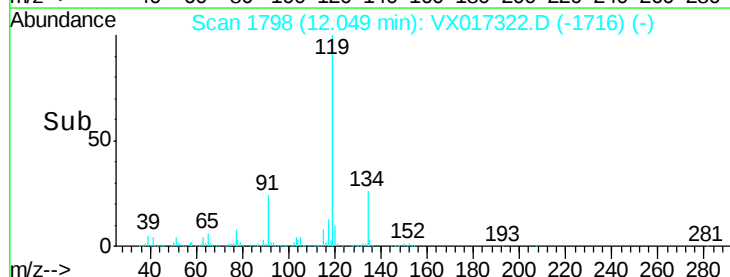
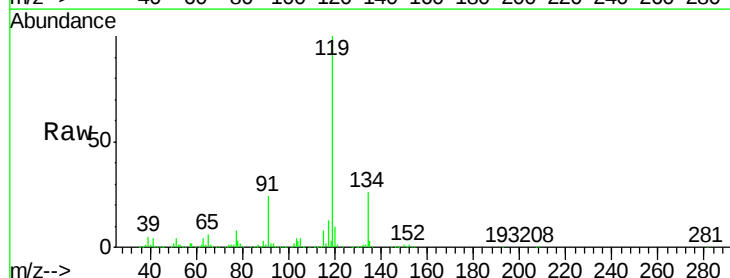
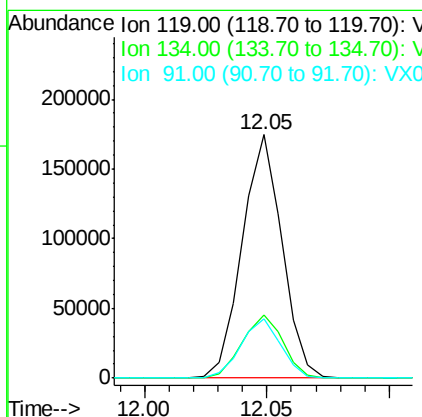
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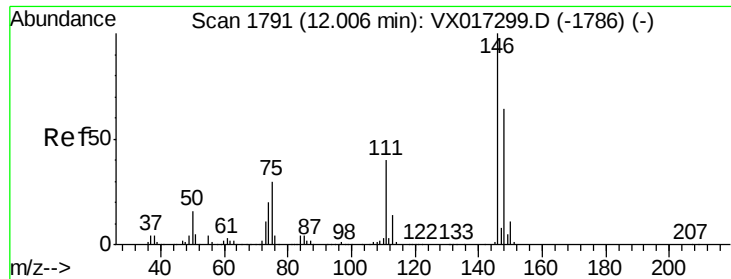
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#82
 p-Isopropyltoluene
 Concen: 16.723 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	53.6
91	24.5	0.0	48.0





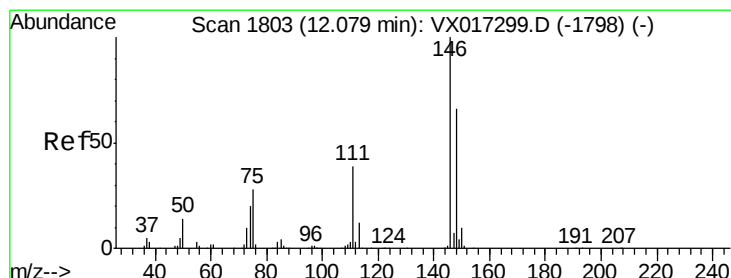
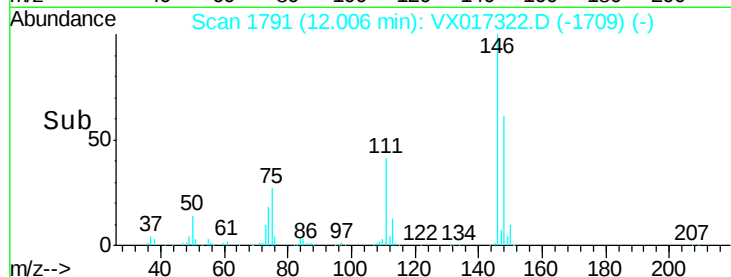
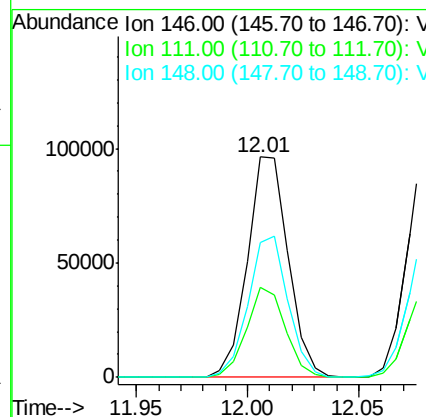
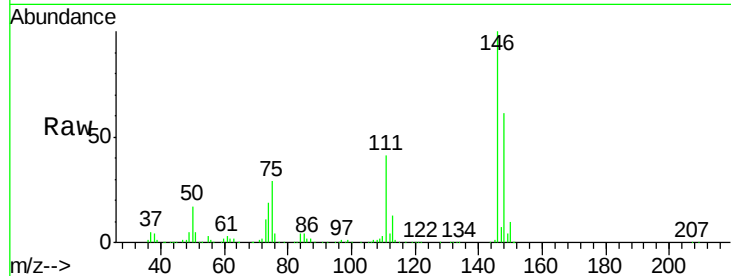
#83
 1,3-Dichlorobenzene
 Concen: 18.928 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	62.5	31.8	95.3

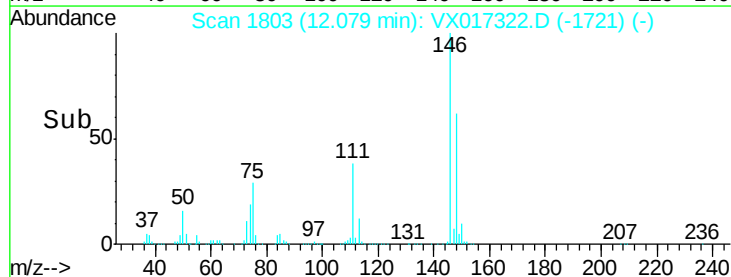
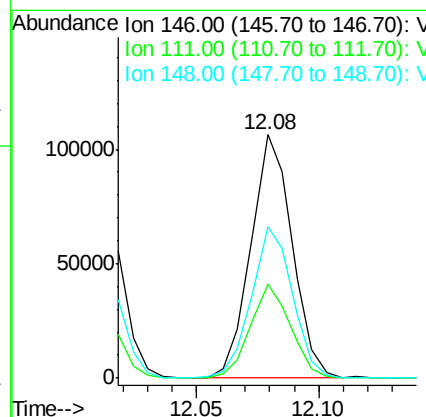
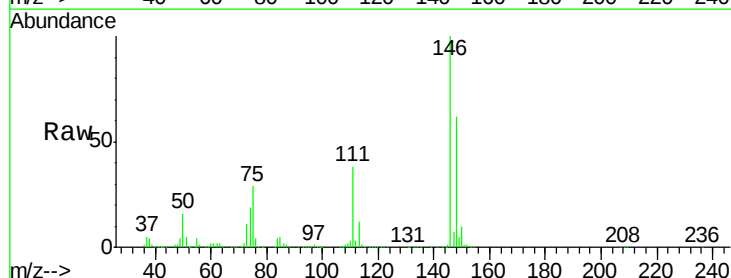
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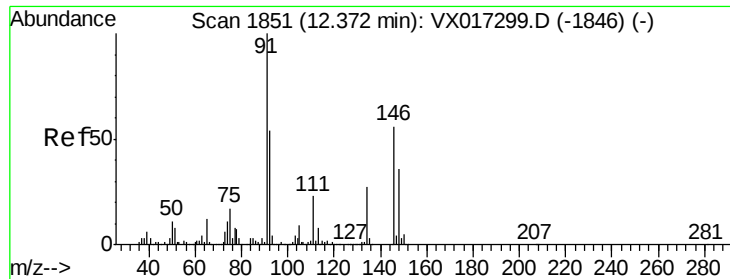
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#84
 1,4-Dichlorobenzene
 Concen: 19.002 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.3
148	62.1	32.6	97.8





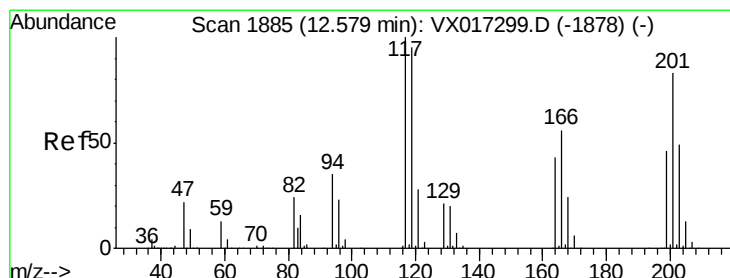
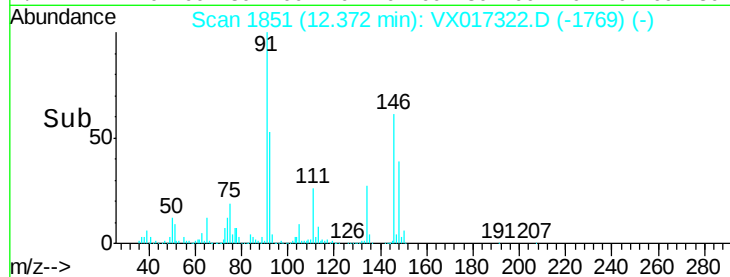
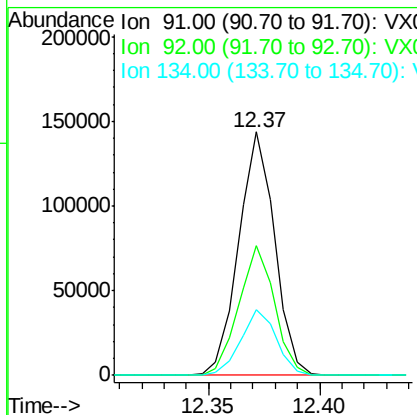
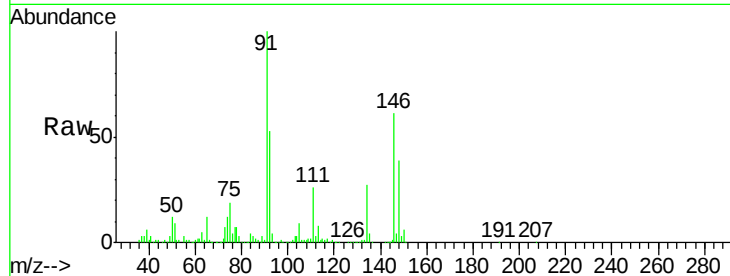
#85
n-Butylbenzene
Concen: 16.376 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	162291		
92	52.9	0.0	108.2	
134	26.8	0.0	54.2	

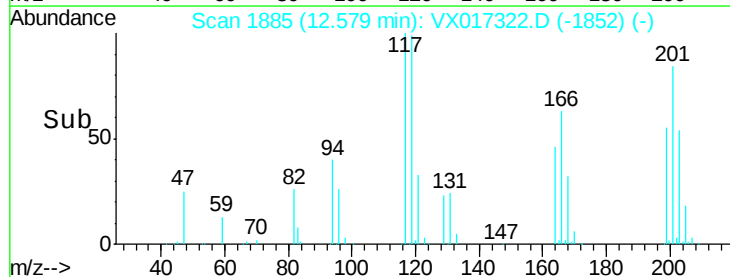
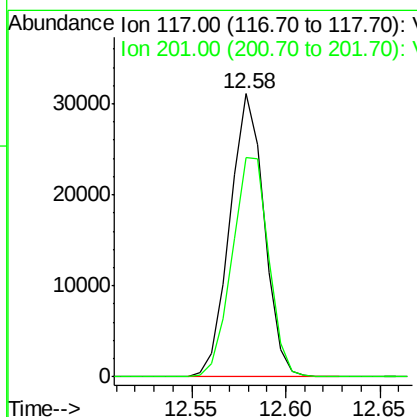
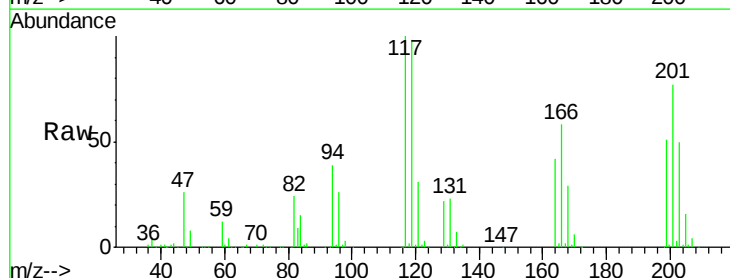
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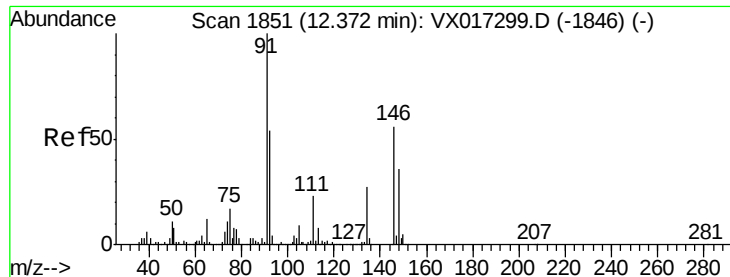
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#86
Hexachloroethane
Concen: 17.331 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39324		
201	82.7	41.0	123.0	





#87

1,2-Dichlorobenzene

Concen: 19.060 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

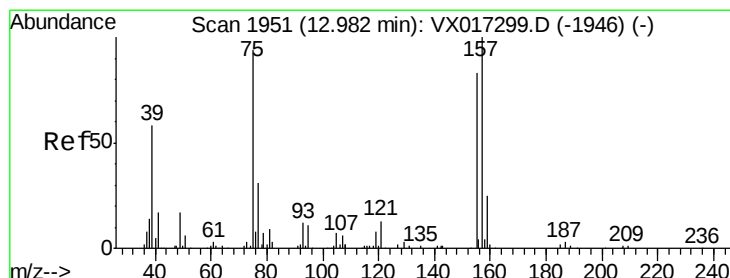
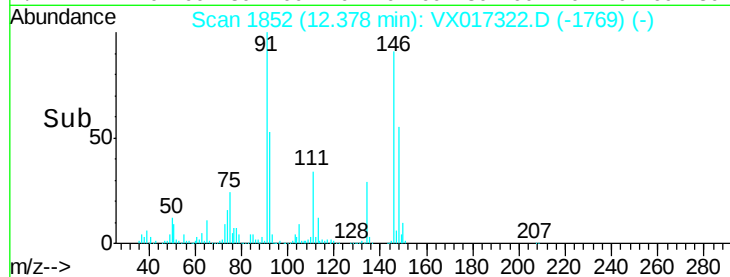
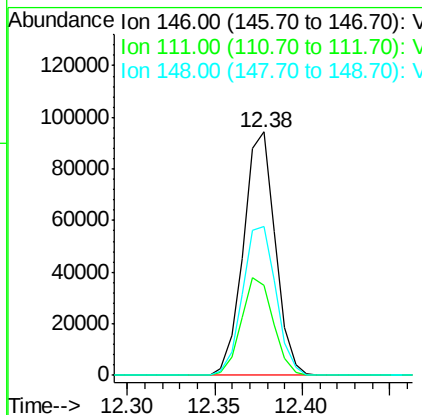
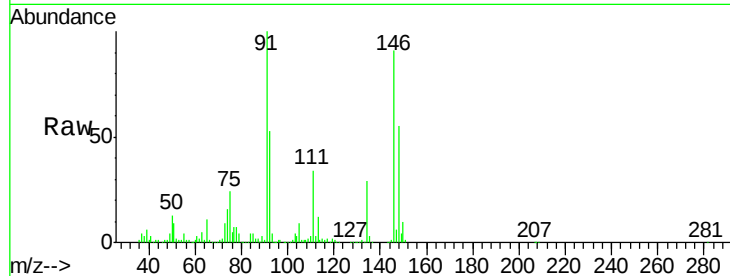
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	119121
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.6	61.9
148	64.1	31.6	94.8

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#88

1,2-Dibromo-3-Chloropropane

Concen: 20.314 ug/l

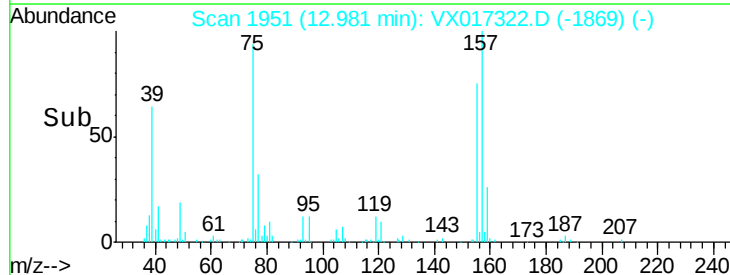
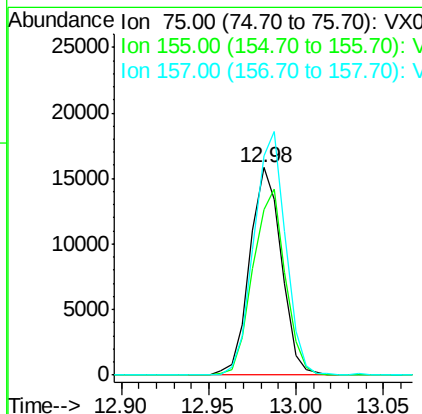
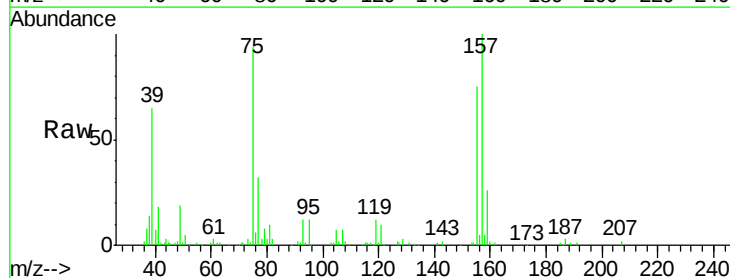
RT: 12.98 min Scan# 1951

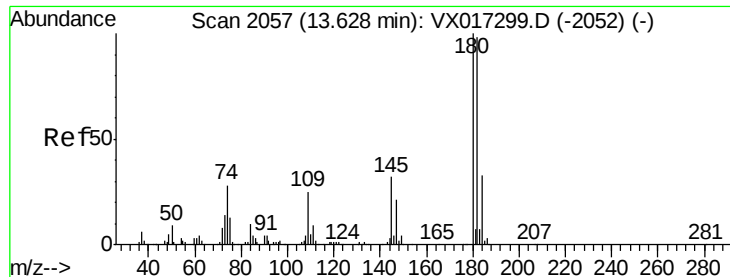
Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Tgt Ion:	75	Resp:	19952
Ion Ratio	Lower	Upper	
75	100		
155	91.0	73.4	110.0
157	117.2	90.5	135.7





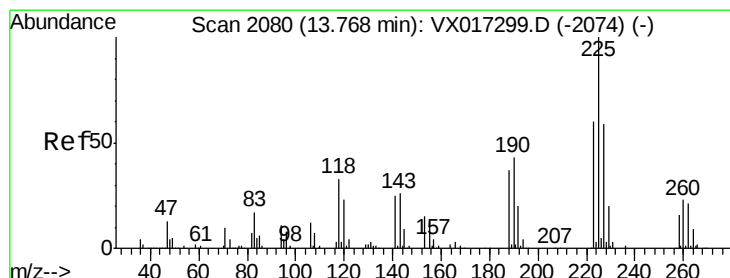
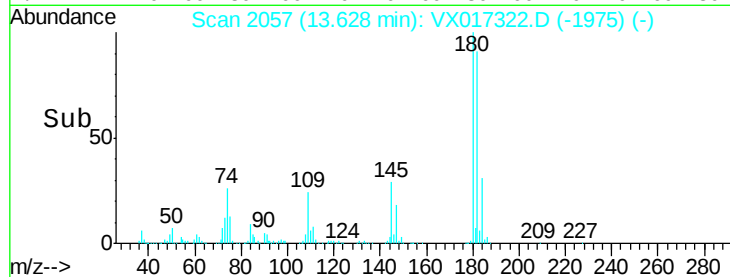
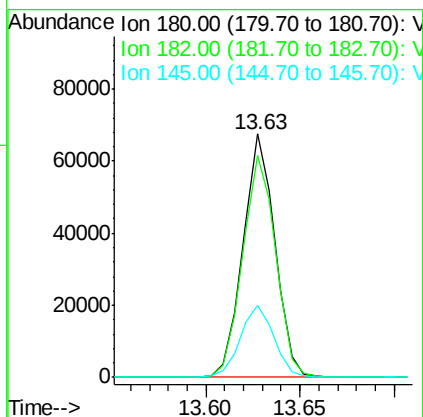
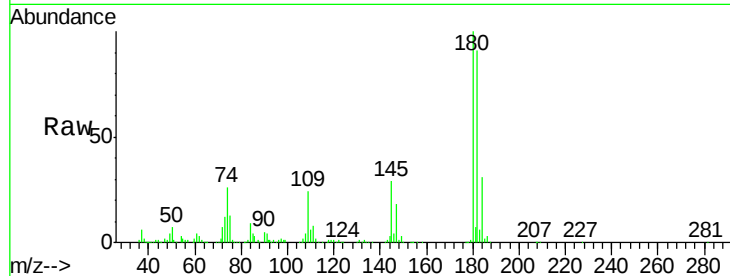
#89
 1,2,4-Trichlorobenzene
 Concen: 18.685 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.8	116.8
145	31.2	25.0	37.4

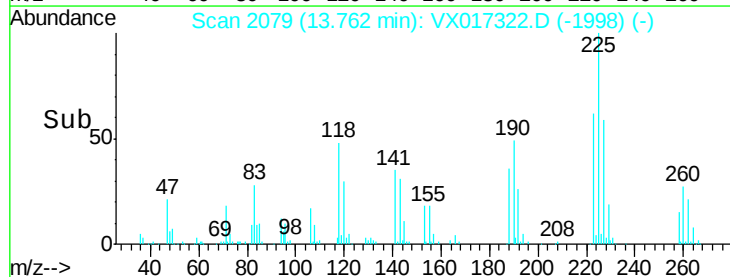
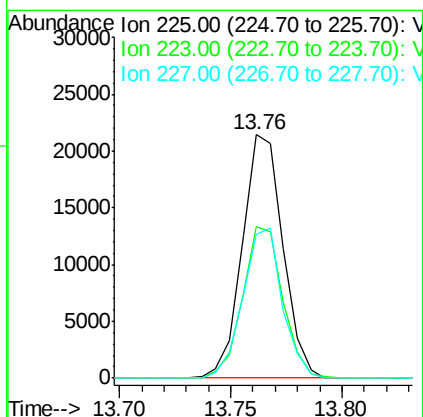
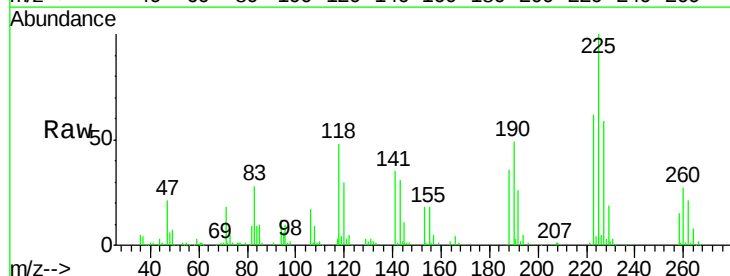
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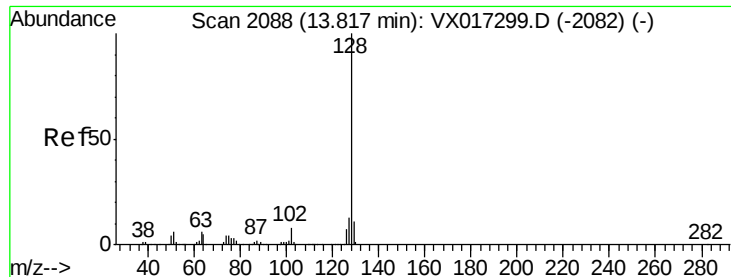
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#90
 Hexachlorobutadiene
 Concen: 16.070 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	0.0	129.0
227	59.7	0.0	124.4





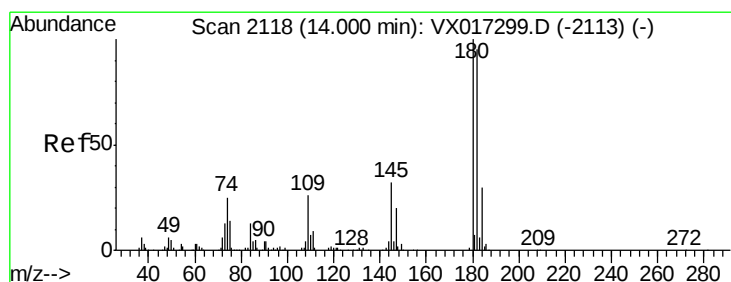
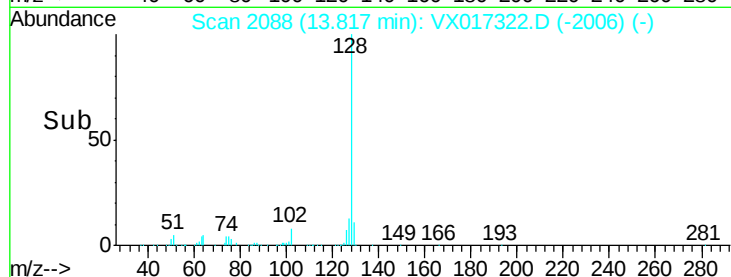
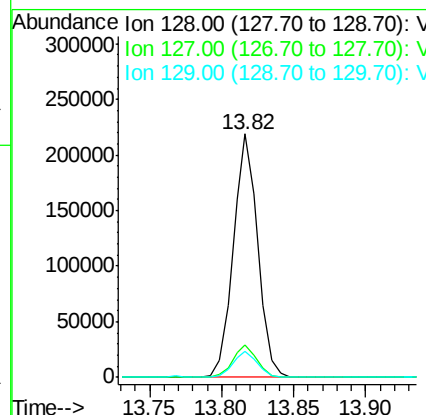
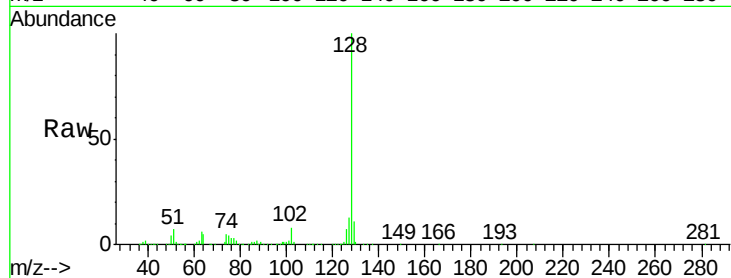
#91
Naphthalene
Concen: 20.073 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	9.0	13.4

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#92
1,2,3-Trichlorobenzene
Concen: 19.067 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	0.0	185.6
145	33.3	0.0	63.0

