

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016026.D
 Acq On : 01 May 2020 20:49
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:20:10 PM

Quant Time: May 02 08:16:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	53645	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	296361	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	276336	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	122942	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	11.12	95	135332	29.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.33%
63) Toluene-d8	8.70	98	357720	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	67393	18.239	ug/l 98
3) Chloromethane	1.32	50	67911	18.758	ug/l 98
4) Vinyl Chloride	1.39	62	74708	18.163	ug/l 98
5) Bromomethane	1.63	94	49562	19.658	ug/l 97
6) Chloroethane	1.72	64	47865	17.751	ug/l 100
7) Trichlorofluoromethane	1.92	101	99673	16.918	ug/l 100
8) Diethyl Ether	2.17	74	40682	17.300	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53562	17.604	ug/l 98
10) 1,1-Dichloroethene	2.36	96	56038	18.255	ug/l 99
11) Methyl Iodide	2.49	142	72582	17.320	ug/l 98
12) Methyl Acetate	2.75	43	105743	19.730	ug/l 99
13) Acrolein	2.28	56	37066	86.270	ug/l 100
14) Acrylonitrile	3.12	53	188486	95.211	ug/l 100
15) Acetone	2.42	58	52232	99.695	ug/l 96
16) Carbon Disulfide	2.55	76	168713	18.066	ug/l 99
17) Allyl chloride	2.71	41	102211	17.949	ug/l 95
18) Methylene Chloride	2.84	84	64263	18.688	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	60998	18.168	ug/l 99
20) Diisopropyl ether	3.82	45	201105	18.317	ug/l 90
21) 1,1-Dichloroethane	3.67	63	111245	18.171	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	70352	18.465	ug/l 95
23) tert-Butyl Alcohol	3.01	59	92174	95.116	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	203907	18.497	ug/l 96
25) Chloroform	5.18	83	111709	17.966	ug/l 94
26) Cyclohexane	5.56	56	99404	17.756	ug/l # 99
29) 1,1-Dichloropropene	5.78	75	83064	17.821	ug/l 99
30) 2-Butanone	4.64	43	266789	96.059	ug/l 99
31) 2,2-Dichloropropane	4.56	77	87268	15.557	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	100142	17.711	ug/l 100
33) Carbon Tetrachloride	5.76	117	88650	17.609	ug/l 98
34) Benzene	6.12	78	251652	18.484	ug/l 98
35) Methacrylonitrile	5.01	41	55708	18.887	ug/l 98
36) 1,2-Dichloroethane	6.17	62	93506	17.985	ug/l 100
37) Trichloroethene	7.20	130	86143	17.786	ug/l 98
38) Methylcyclohexane	7.45	83	98655	17.320	ug/l 99
39) 1,2-Dichloropropane	7.49	63	64743	18.526	ug/l 100
40) Dibromomethane	7.64	93	43726	18.019	ug/l 99

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Manual Integrations
 APPROVED

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Quant Time: May 02 08:16:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	89432	17.877	ug/l	99
42) Vinyl Acetate	3.79	43	832920	90.648	ug/l	100
43) Ethyl Acetate	4.80	43	102694	18.745	ug/l	99
44) Isopropyl Acetate	6.42	43	164078	18.455	ug/l	99
45) 1,4-Dioxane	7.71	88	34827	370.857	ug/l	98
46) Methyl methacrylate	7.75	41	77080	18.288	ug/l	96
47) n-amyl Acetate	10.88	43	136224	17.523	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	102271	17.605	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	106578	17.757	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	61955	18.117	ug/l	96
51) Ethyl methacrylate	9.16	69	102232	18.104	ug/l	95
52) 1,3-Dichloropropane	9.35	76	109646	18.548	ug/l	99
53) Dibromochloromethane	9.57	129	68060	17.494	ug/l	99
54) 1,2-Dibromoethane	9.65	107	67921	18.072	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	265317	86.363	ug/l	99
56) Bromoform	10.84	173	48649	16.596	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	507534	93.135	ug/l	99
59) 2-Hexanone	9.48	43	390550	92.784	ug/l	98
61) Tetrachloroethene	9.32	164	96477	17.650	ug/l	96
62) Toluene	8.77	91	266813	18.073	ug/l	100
64) Chlorobenzene	10.12	112	166314	17.693	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	61543	17.246	ug/l	97
66) Ethyl Benzene	10.24	91	301086	17.910	ug/l	99
67) m/p-Xylenes	10.34	106	225482	35.209	ug/l	99
68) o-Xylene	10.68	106	108280	17.534	ug/l	99
69) Styrene	10.70	104	183781	17.388	ug/l	99
70) Isopropylbenzene	11.01	105	288593	17.309	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	59736	19.272	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	90864m	18.100	ug/l	
73) Bromobenzene	11.24	156	73245	17.433	ug/l	99
74) n-propylbenzene	11.35	91	333494	17.220	ug/l	100
75) 2-Chlorotoluene	11.41	91	198321	17.426	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	243945	17.236	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	36280	16.807	ug/l	97
78) 4-Chlorotoluene	11.49	91	232675	17.272	ug/l	100
79) tert-butylbenzene	11.76	119	209434	17.327	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	244819	17.315	ug/l	100
81) sec-Butylbenzene	11.93	105	276577	16.965	ug/l	100
82) p-Isopropyltoluene	12.05	119	251602	16.654	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	130553	17.235	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	131595	17.483	ug/l	100
85) n-Butylbenzene	12.37	91	224928	16.299	ug/l	99
86) Hexachloroethane	12.58	117	44179	16.611	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	127838	17.449	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	23217	17.901	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	92166	17.080	ug/l	100
90) Hexachlorobutadiene	13.77	225	38845	16.749	ug/l	97
91) Naphthalene	13.82	128	308064	17.932	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	91558	17.661	ug/l	96

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

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5/4/2020 2:20:10 PM

Quant Time: May 02 08:16:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

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

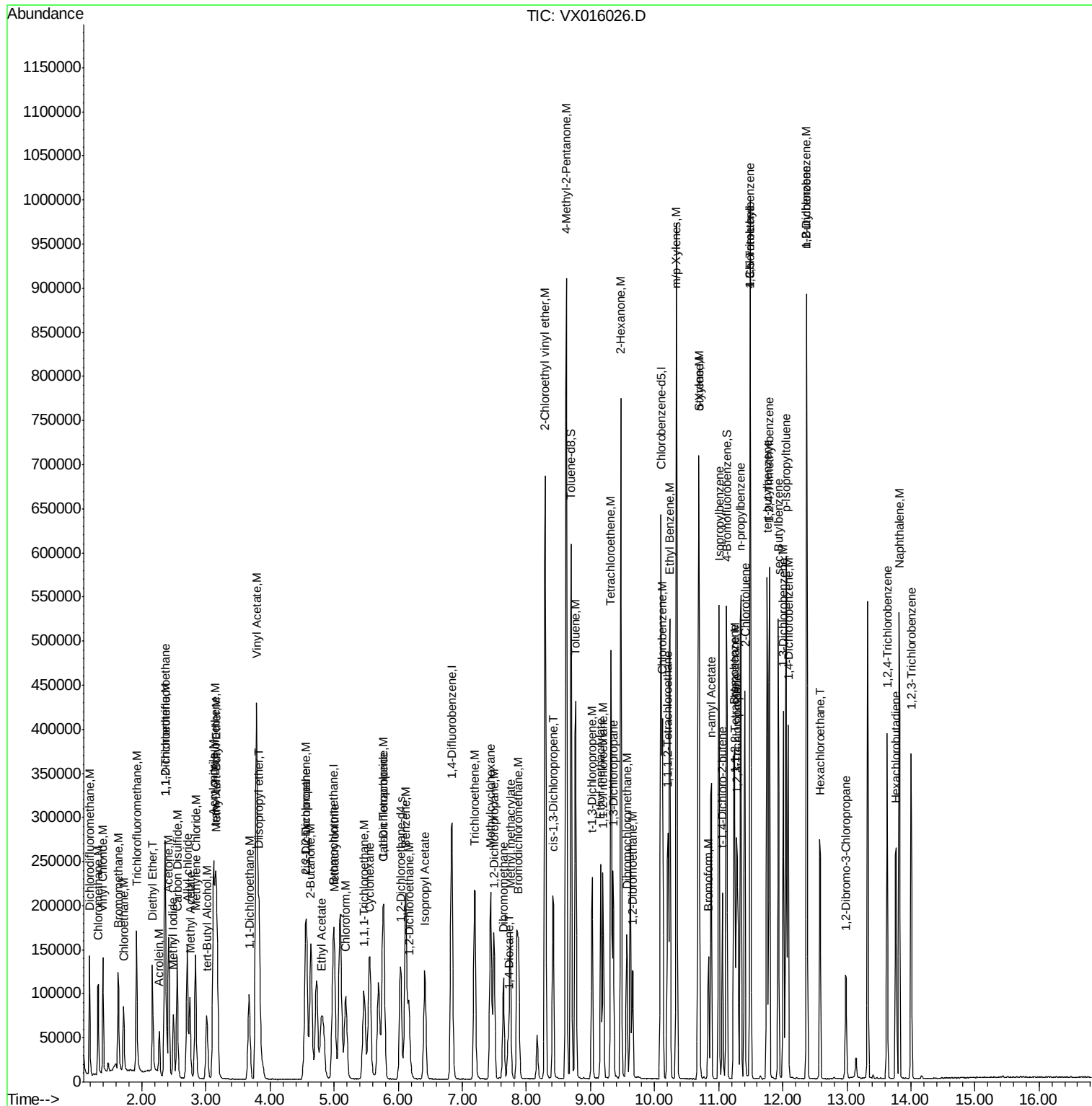
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016026.D
 Acq On : 01 May 2020 20:49
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

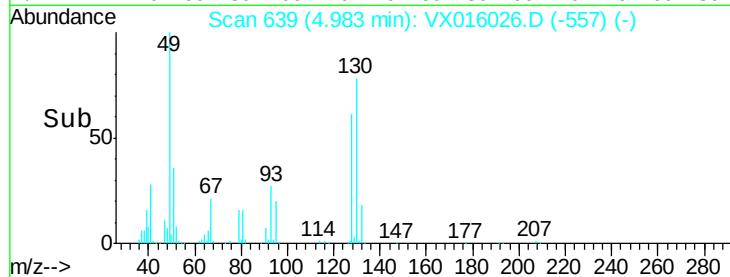
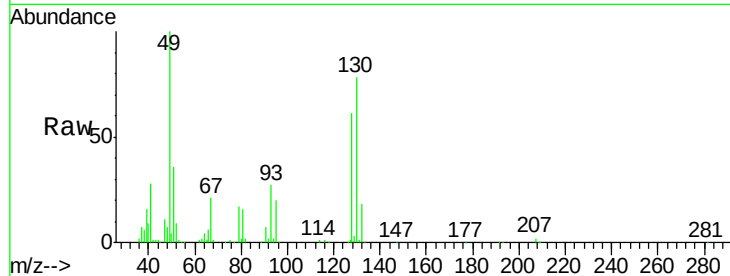
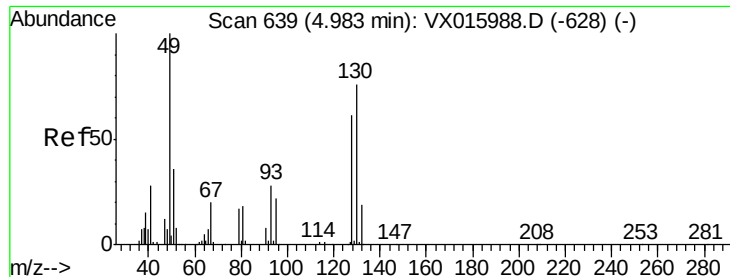
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
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 QLast Update : Thu Apr 30 12:42:44 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX016026.D

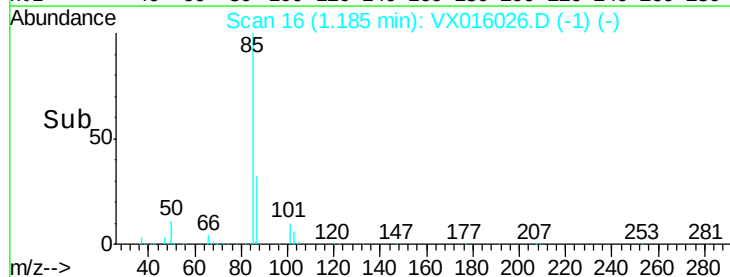
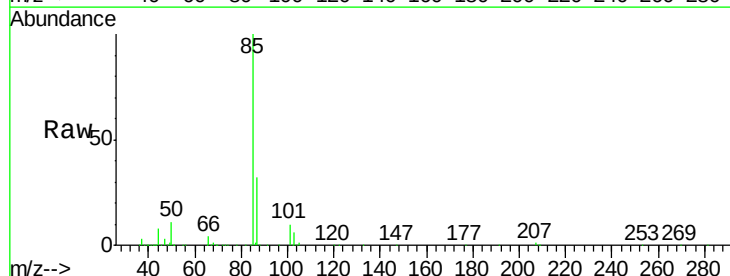
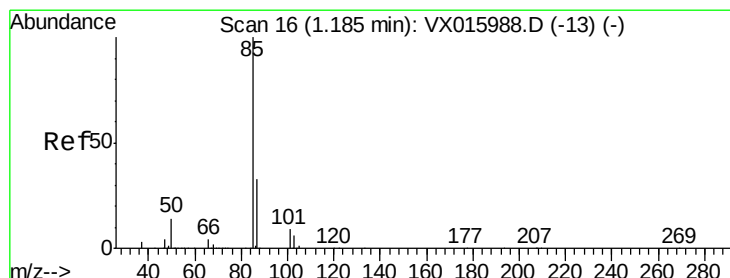
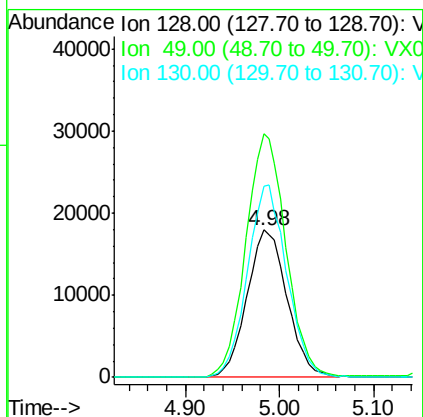
Acq: 01 May 2020 20:49

Tot Ion:	128	Resp:	53645
Ion	Ratio	Lower	Upper
128	100		
49	164.7	0.0	418.5
130	127.6	0.0	326.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

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#2

Dichlorodifluoromethane

Concen: 18.239 ug/l

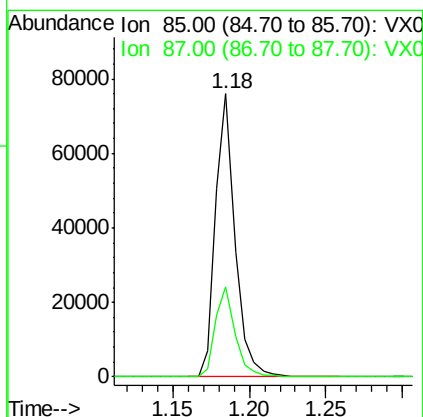
RT: 1.18 min Scan# 16

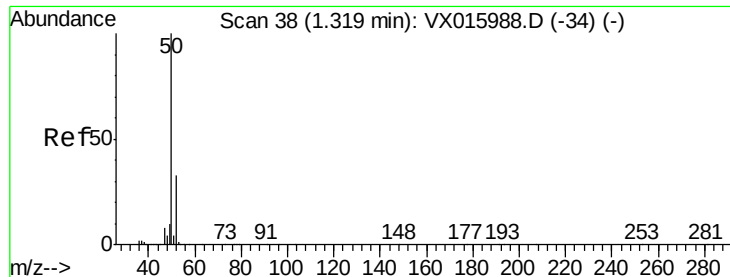
Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	85	Resp:	67393
Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.6	49.7





#3

Chloromethane

Concen: 18.758 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 67911

Ion Ratio Lower Upper

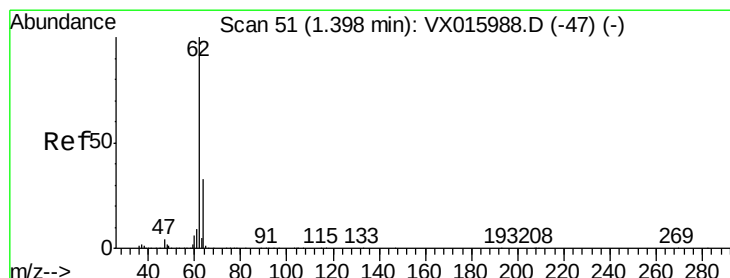
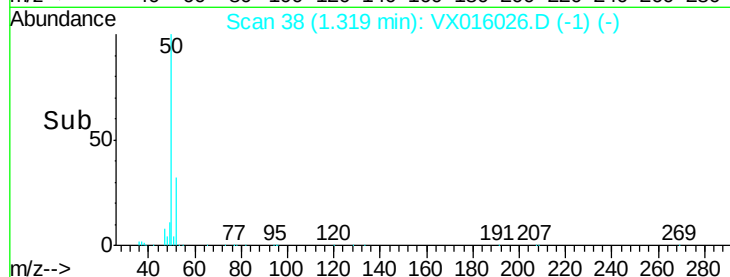
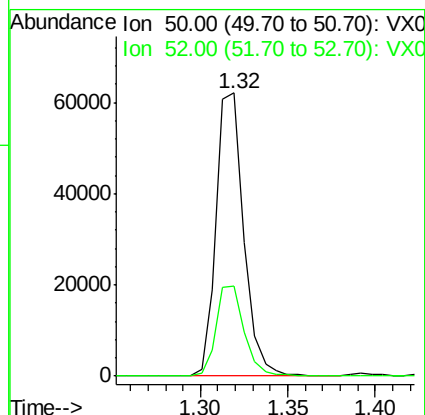
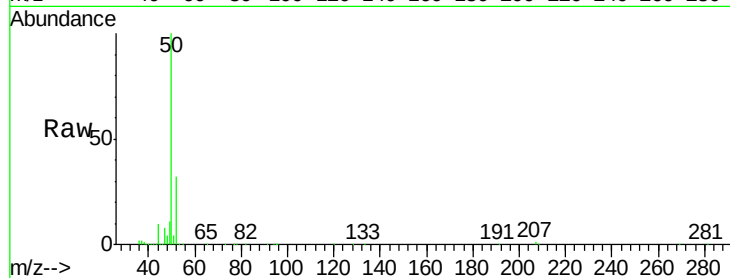
50 100

52 31.9 26.5 39.7

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 18.163 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016026.D

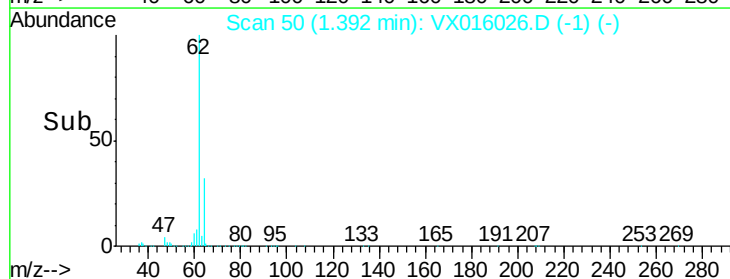
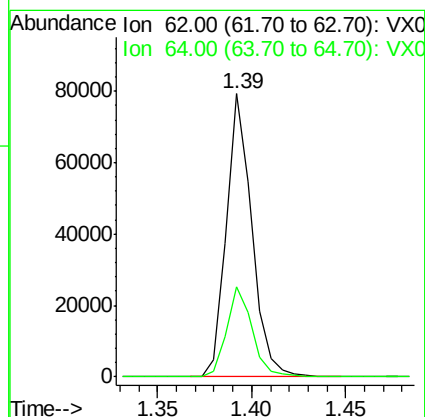
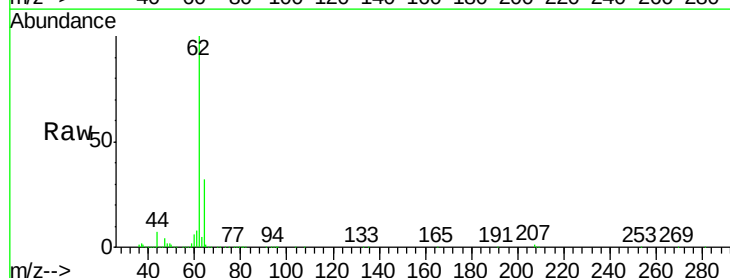
Acq: 01 May 2020 20:49

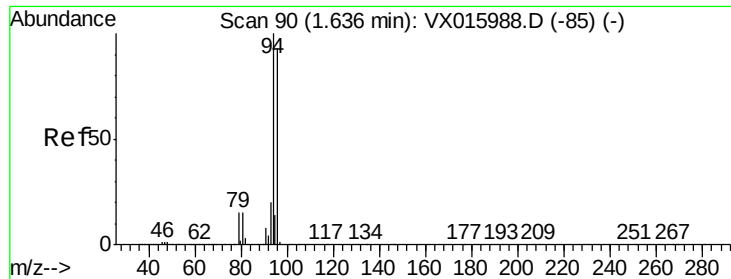
Tgt Ion: 62 Resp: 74708

Ion Ratio Lower Upper

62 100

64 31.8 26.3 39.5





#5

Bromomethane

Concen: 19.658 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tot Ion: 94 Resp: 49562

Ion Ratio Lower Upper

94 100

96 95.9 74.2 111.2

Instrument :

MSVOA_X

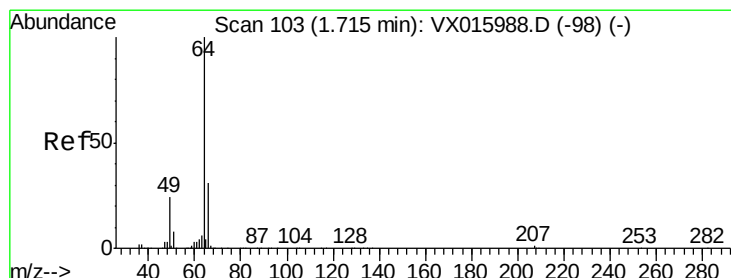
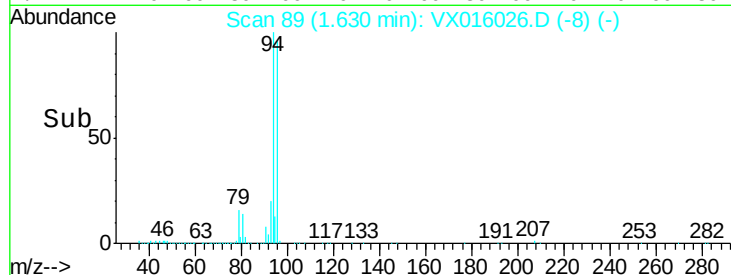
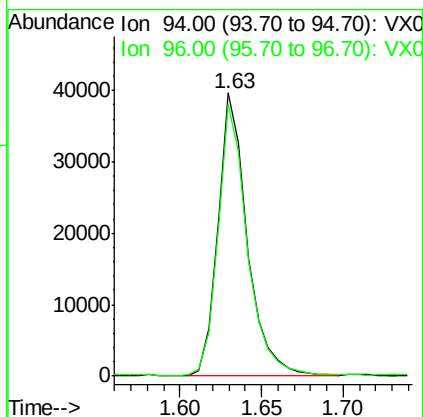
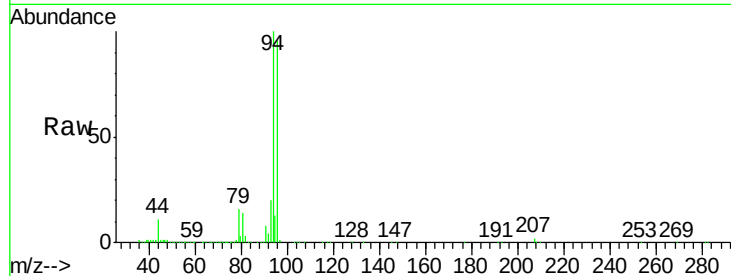
ClientSampleId :

VSTDCCC020EC

Manual Integrations
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#6

Chloroethane

Concen: 17.751 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016026.D

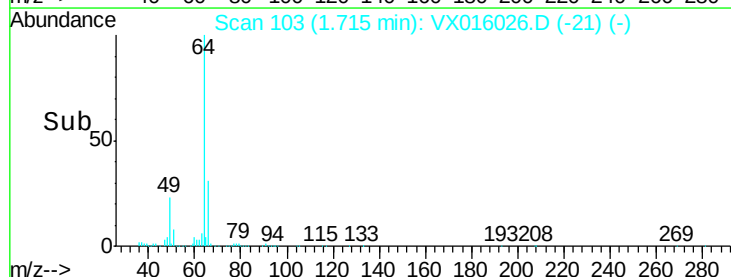
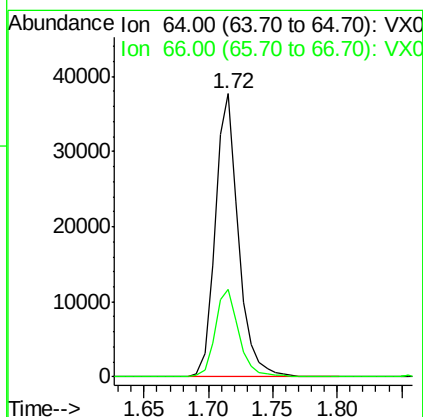
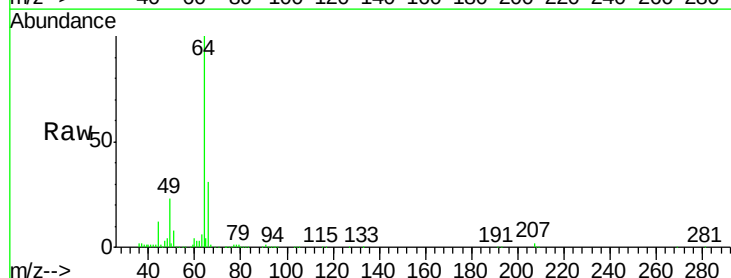
Acq: 01 May 2020 20:49

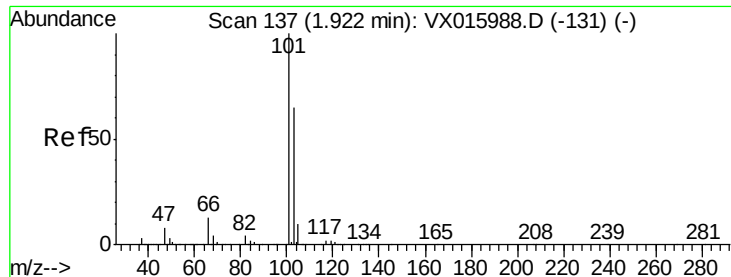
Tgt Ion: 64 Resp: 47865

Ion Ratio Lower Upper

64 100

66 30.9 24.9 37.3





#7

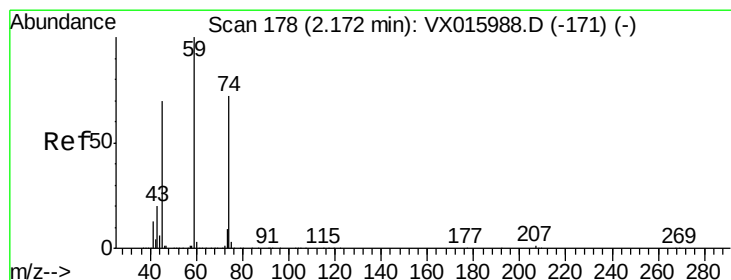
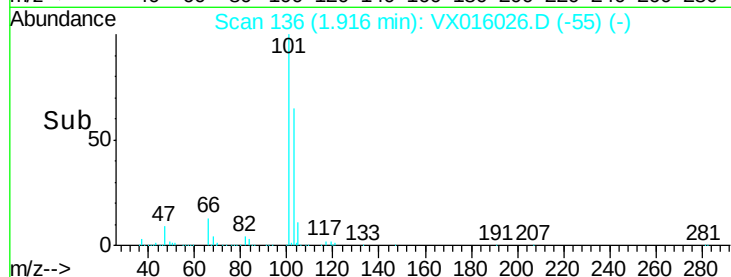
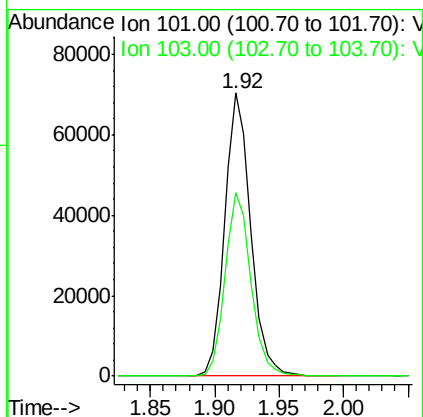
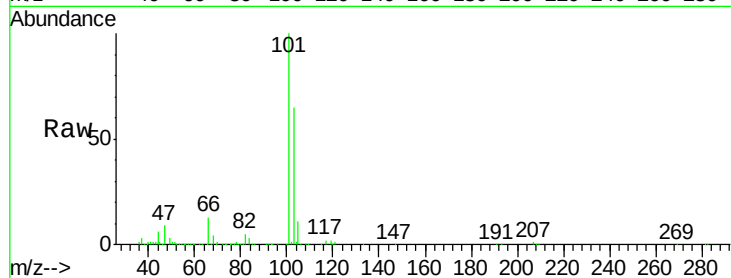
Trichlorofluoromethane
Concen: 16.918 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
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VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.8

Manual Integrations
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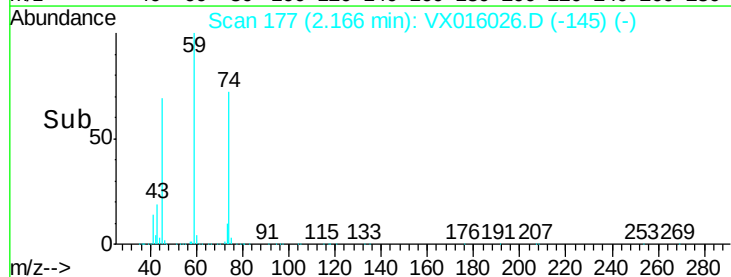
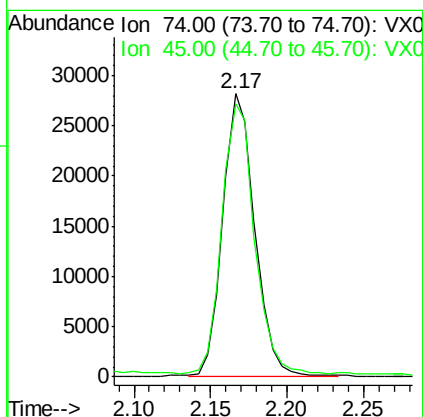
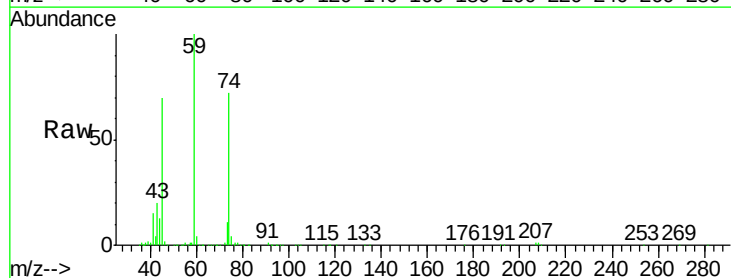
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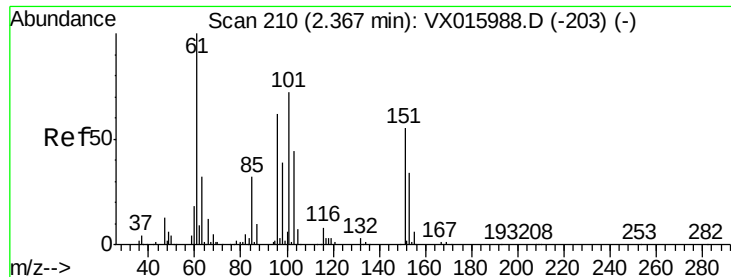


#8

Diethyl Ether
Concen: 17.300 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	19.4	174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.604 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

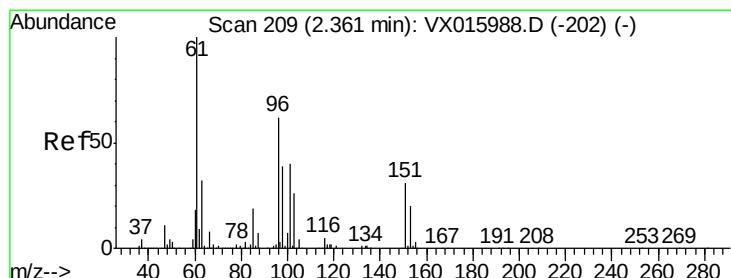
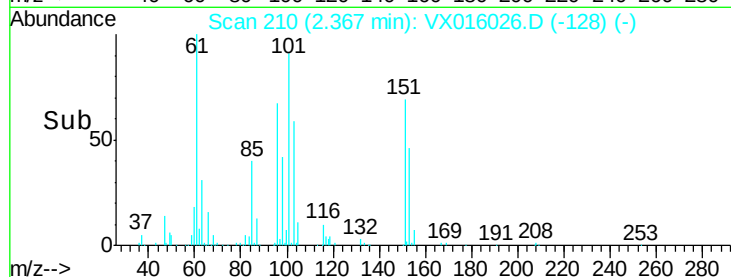
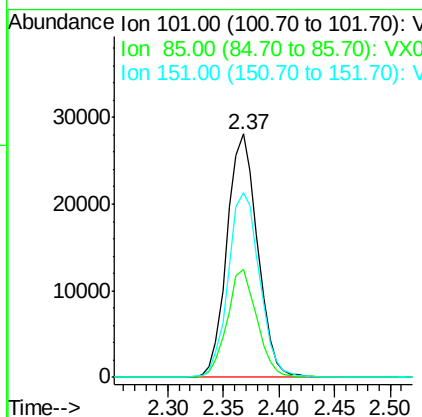
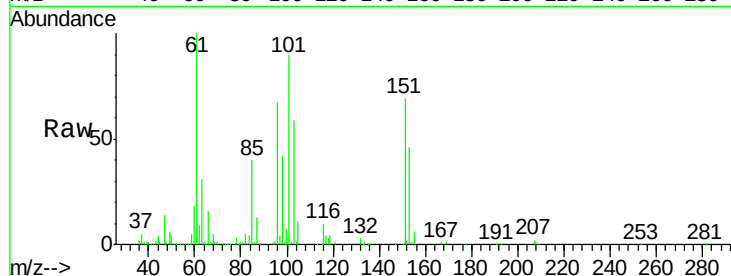
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	53562
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	90.6
151	77.7	0.0	157.0

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:20:10 PM



#10

1,1-Dichloroethene

Concen: 18.255 ug/l

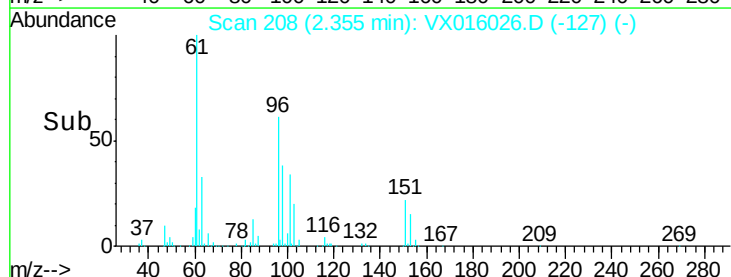
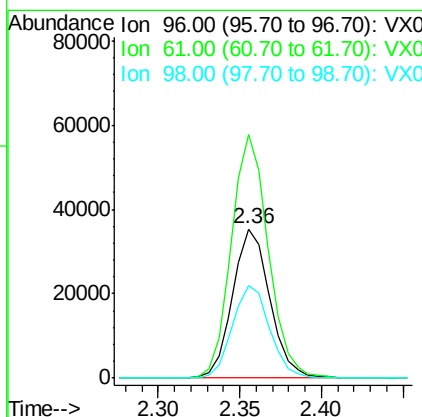
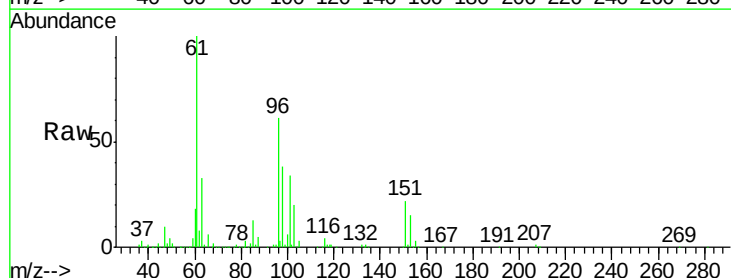
RT: 2.36 min Scan# 208

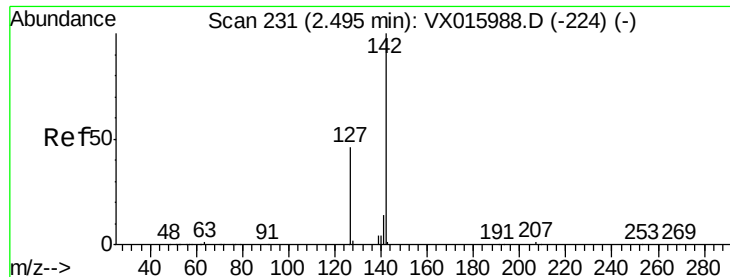
Delta R.T. -0.01 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	96	Resp:	56038
Ion Ratio	Lower	Upper	
96	100		
61	163.4	129.8	194.8
98	62.0	51.1	76.7





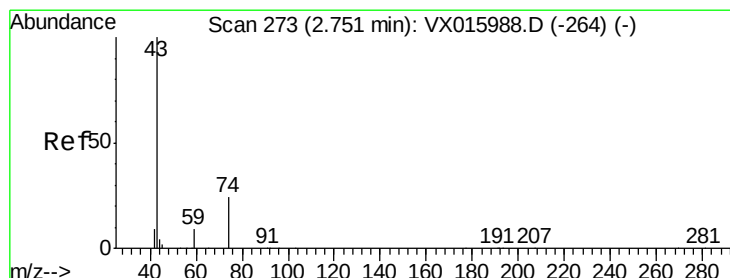
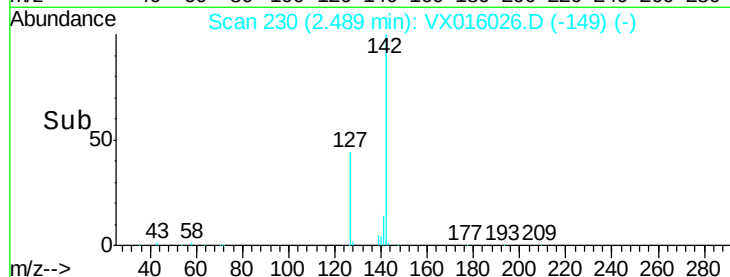
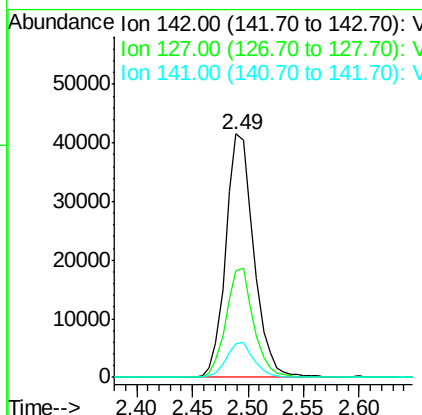
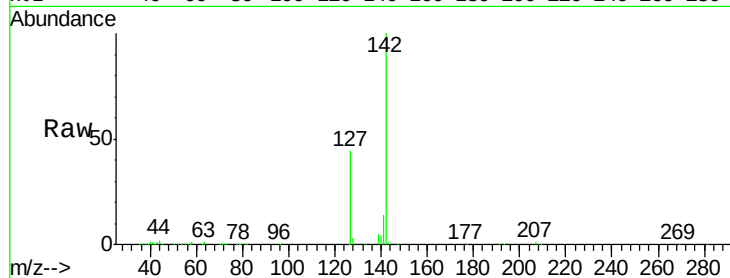
#11
Methvl Iodide
Concen: 17.320 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.0	22.8	68.4
141	13.7	7.0	21.1

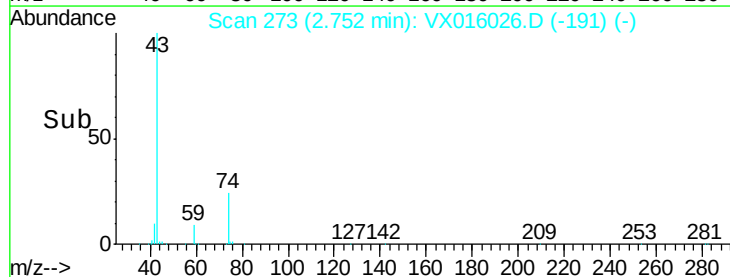
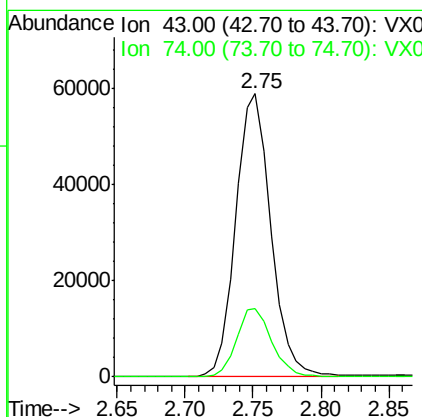
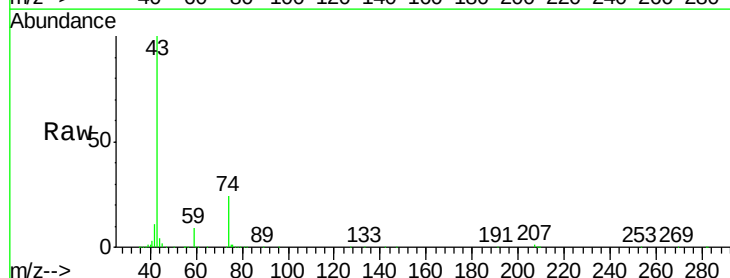
Manual Integrations
APPROVED

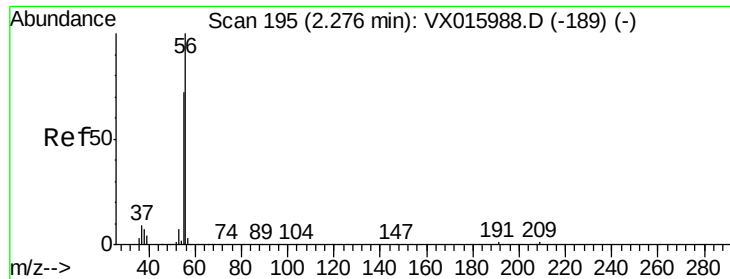
MMDadoda
5/4/2020 2:20:10 PM



#12
Methyl Acetate
Concen: 19.730 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.0	28.4





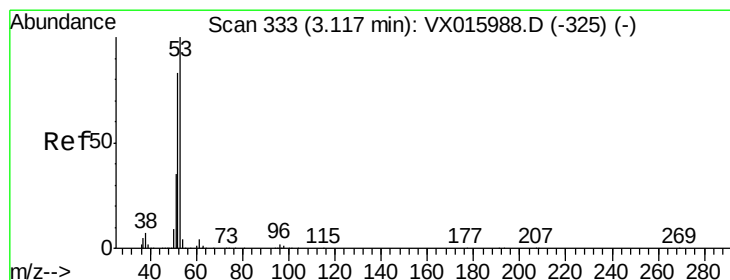
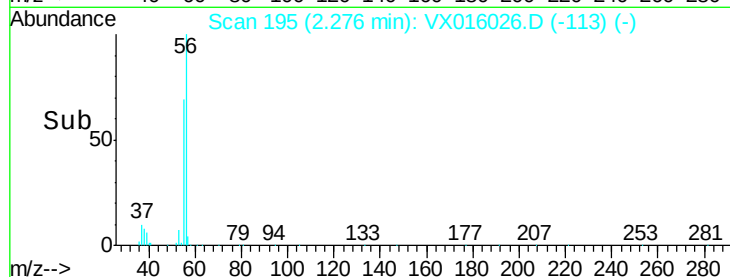
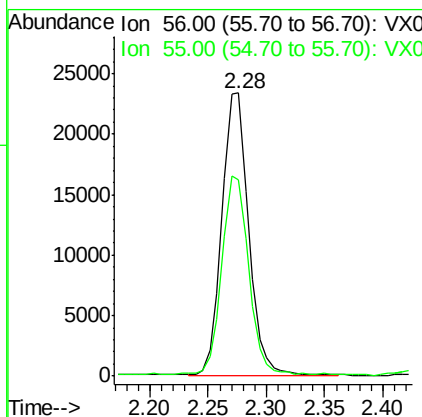
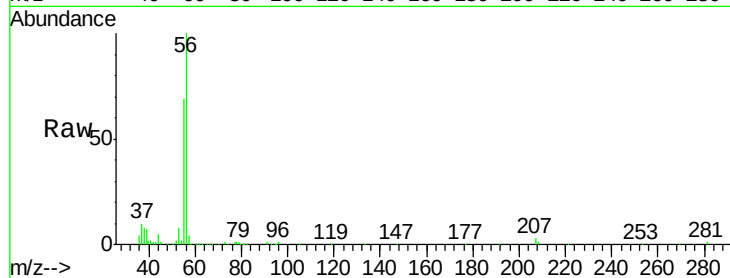
#13
Acrolein
Concen: 86.270 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.6	56.2	84.4	

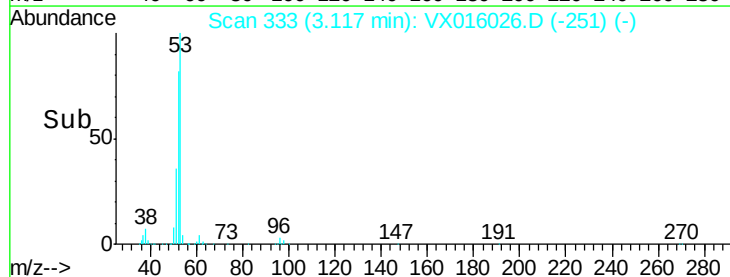
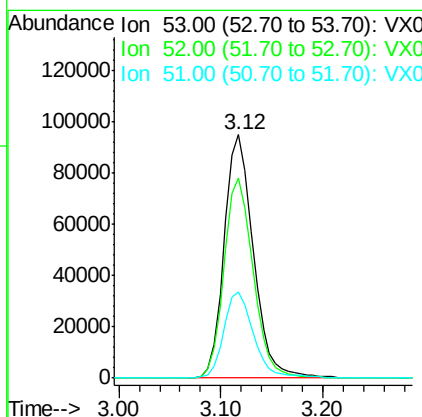
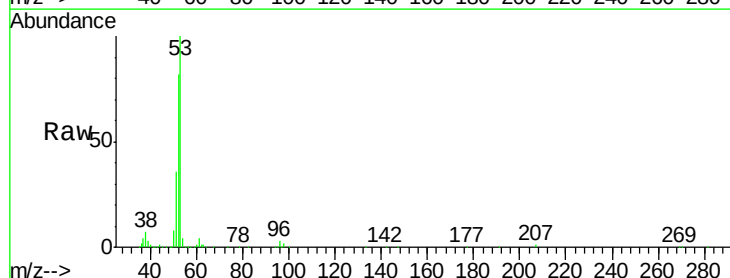
Manual Integrations
APPROVED

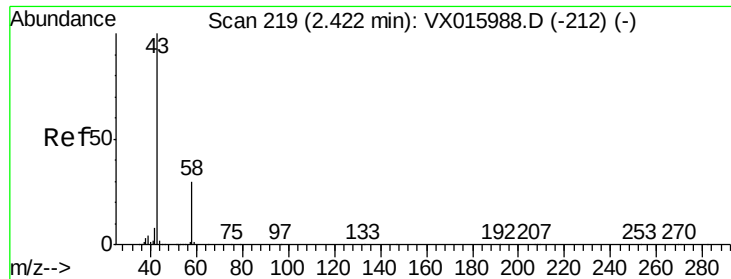
MMDadoda
5/4/2020 2:20:10 PM



#14
Acrylonitrile
Concen: 95.211 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.5	41.2	123.6	
51	36.1	17.8	53.5	





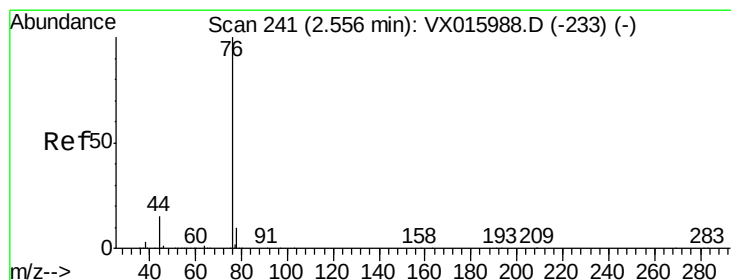
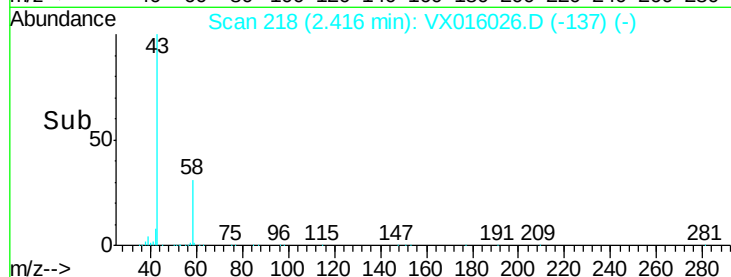
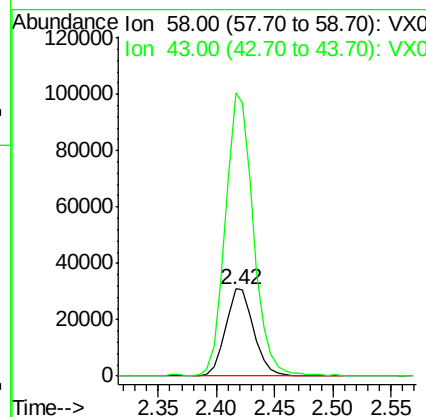
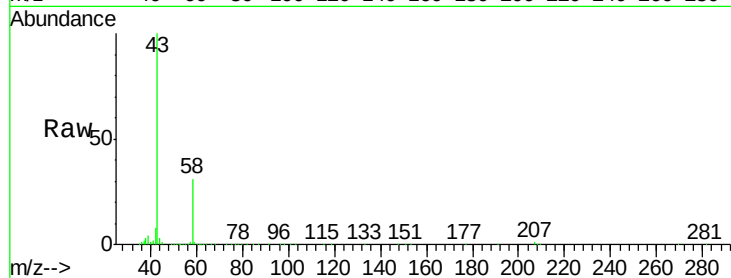
#15
Acetone
Concen: 99.695 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	58	43	Resp	52232
Ion	Ratio	Lower	Upper	
58	100			
43	322.9	264.2	396.2	

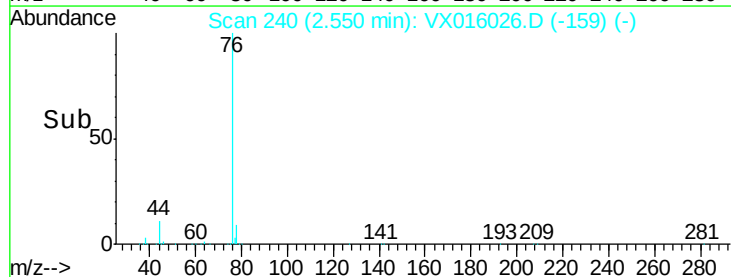
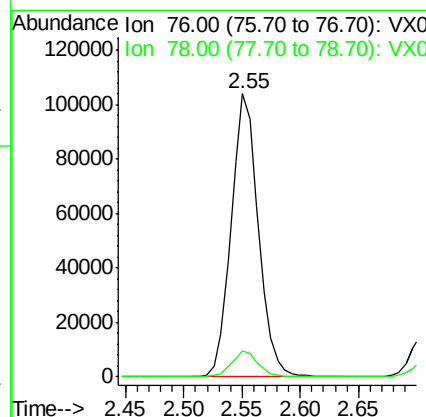
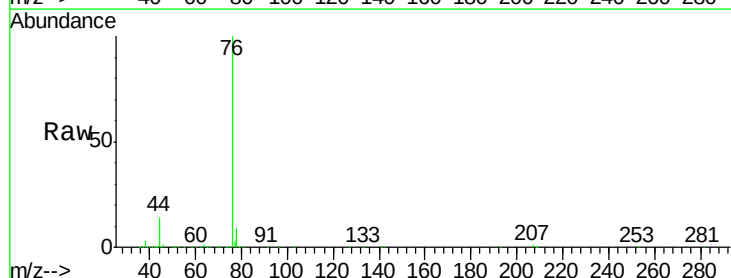
Manual Integrations
APPROVED

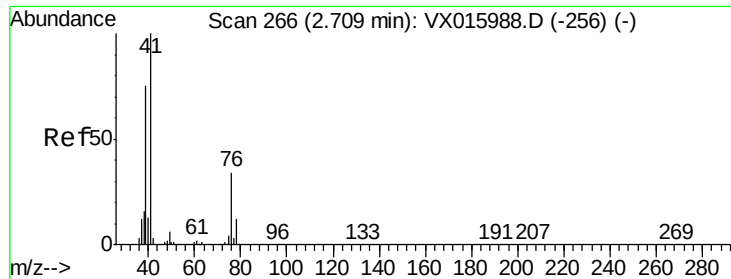
MMDadoda
5/4/2020 2:20:10 PM



#16
Carbon Disulfide
Concen: 18.066 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	76	78	Resp	168713
Ion	Ratio	Lower	Upper	
76	100			
78	9.2	7.7	11.5	





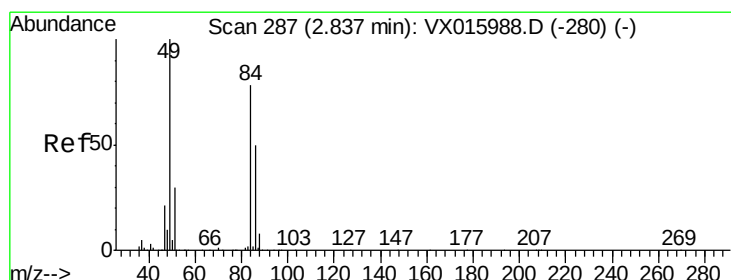
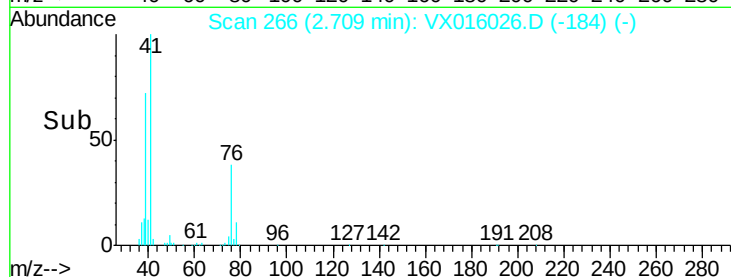
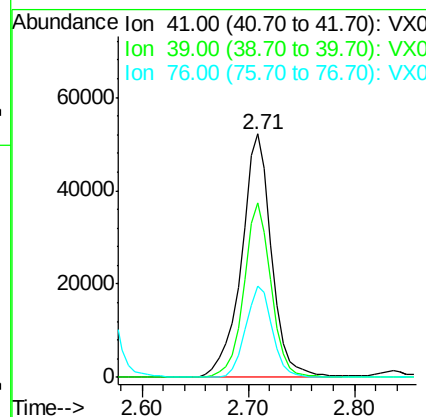
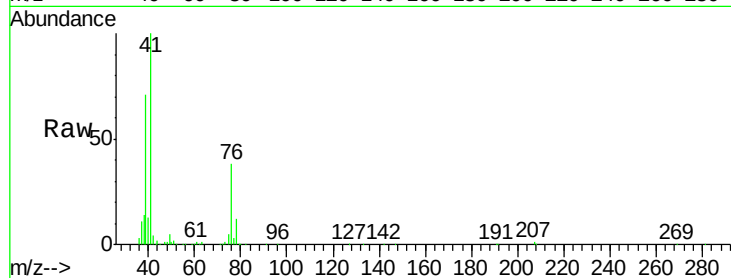
#17
Allvl chloride
Concen: 17.949 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	102211
Ion	Ratio	Lower	Upper
41	100		
39	71.5	37.6	112.8
76	37.4	17.2	51.5

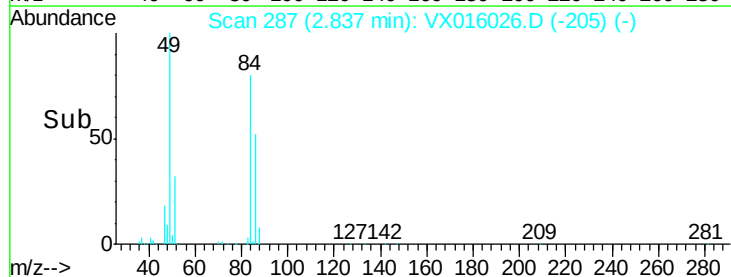
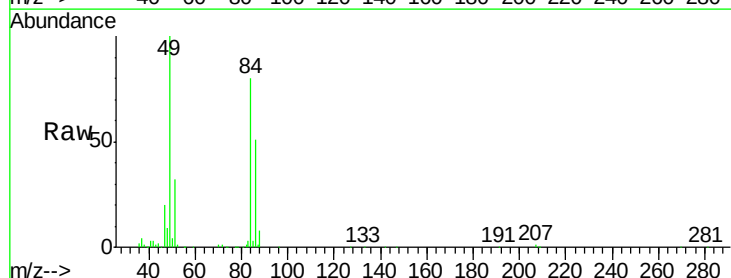
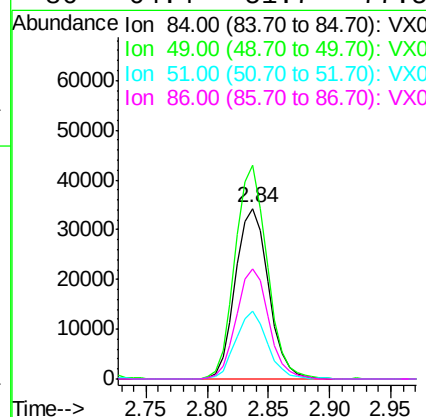
Manual Integrations
APPROVED

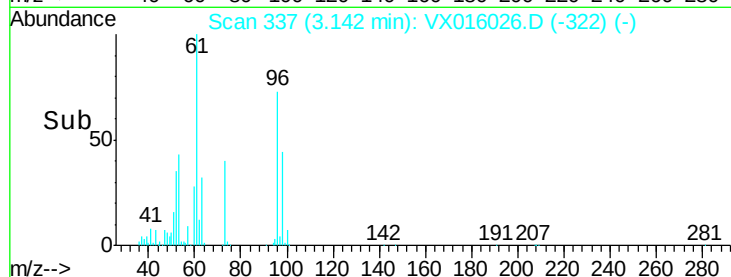
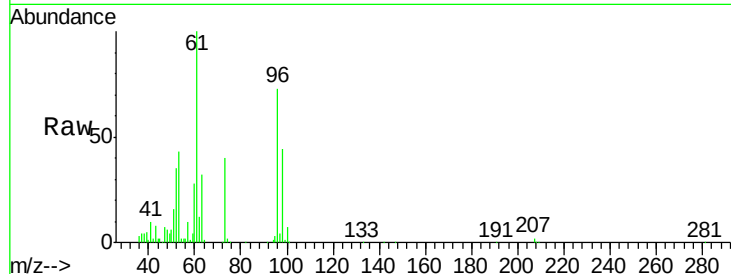
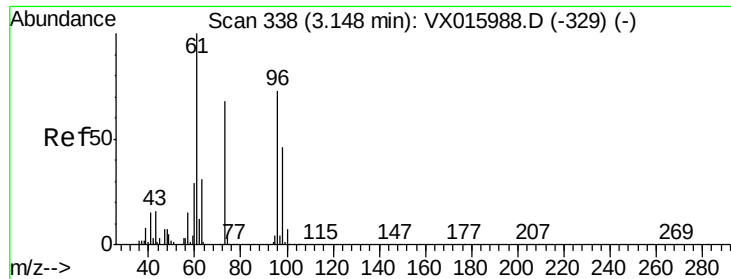
MMDadoda
5/4/2020 2:20:10 PM



#18
Methylene Chloride
Concen: 18.688 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion:	84	Resp:	64263
Ion	Ratio	Lower	Upper
84	100		
49	125.2	103.0	154.4
51	39.8	31.4	47.0
86	64.4	51.7	77.5





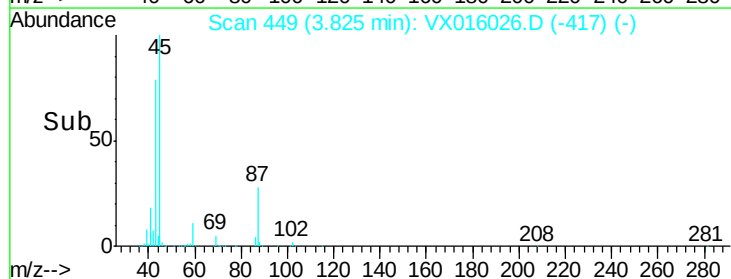
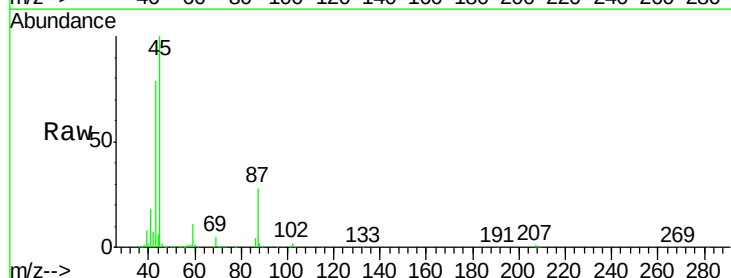
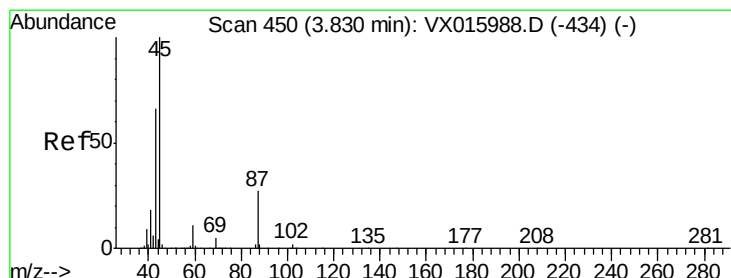
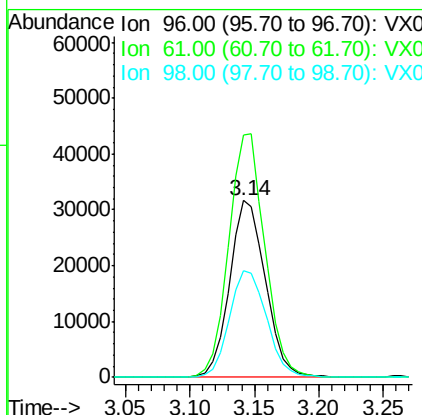
#19
trans-1,2-Dichloroethene
Concen: 18.168 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	109.0	163.4
98	60.9	50.0	75.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

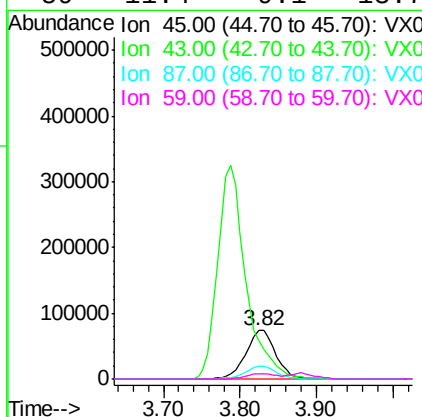
Manual Integrations
APPROVED

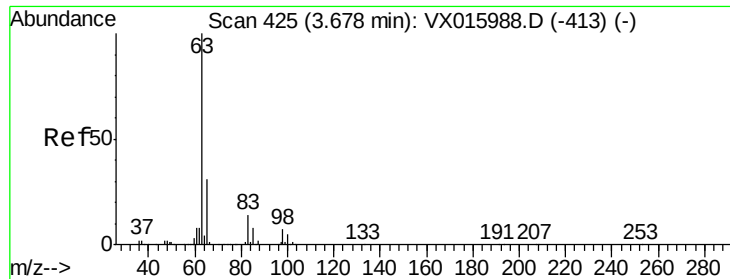
MMDadoda
5/4/2020 2:20:10 PM



#20
Diisopropyl ether
Concen: 18.317 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.7	53.0	79.4
87	27.7	21.9	32.9
59	11.4	9.1	13.7





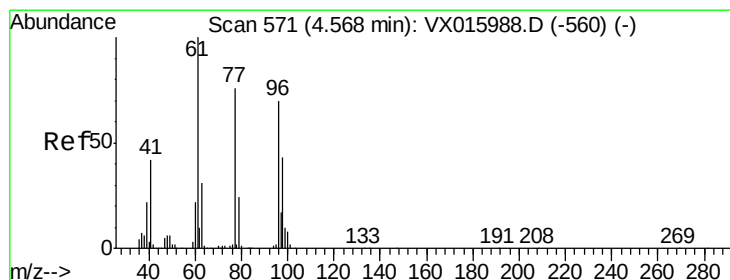
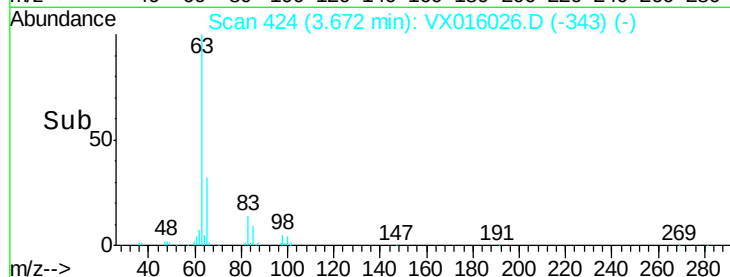
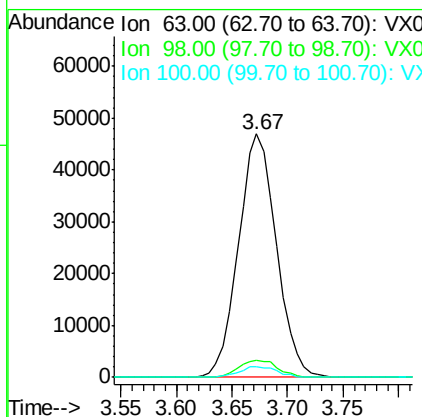
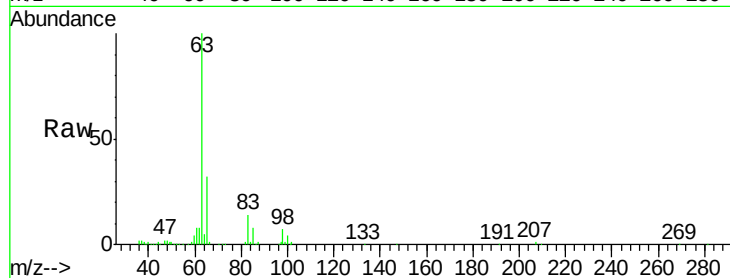
#21
1,1-Dichloroethane
Concen: 18.171 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	111245		
98	7.1	3.5	10.4	
100	4.5	2.3	6.9	

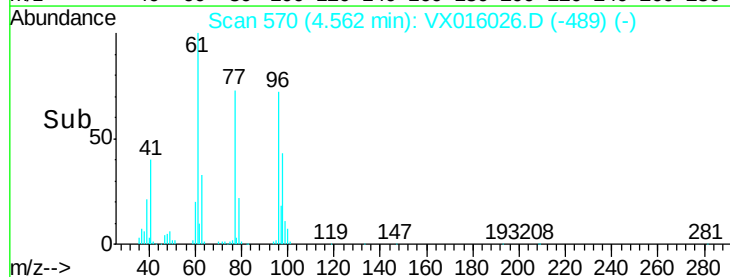
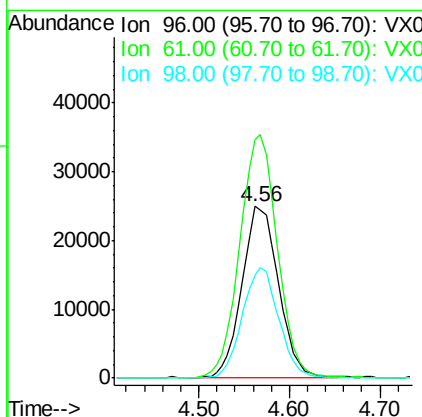
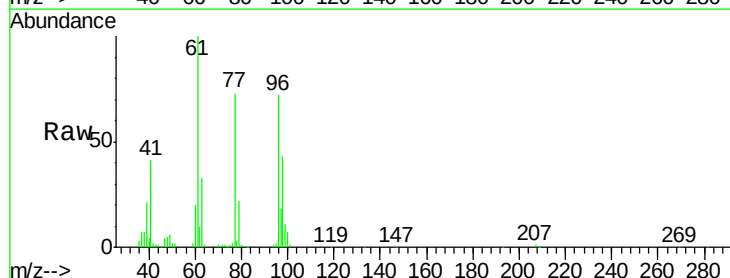
Manual Integrations
APPROVED

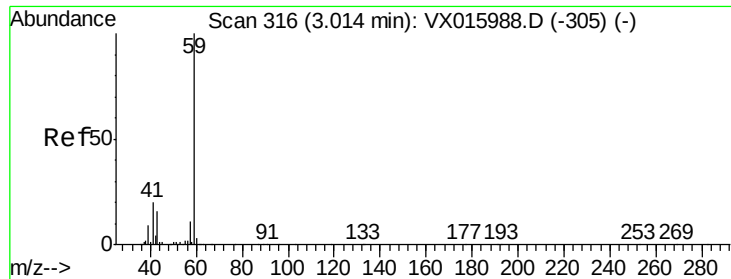
MMDadoda
5/4/2020 2:20:10 PM



#22
cis-1,2-Dichloroethene
Concen: 18.465 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	70352		
61	144.8	121.6	182.4	
98	63.4	51.9	77.9	





#23

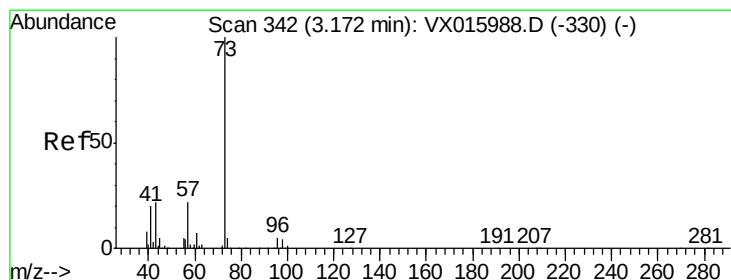
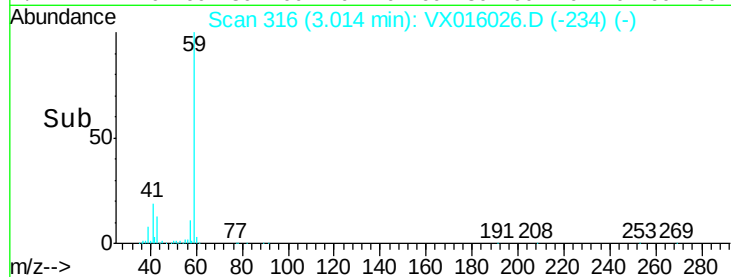
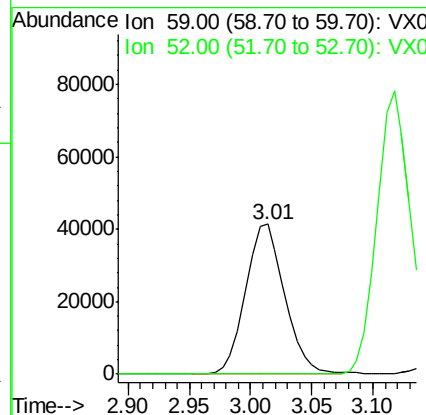
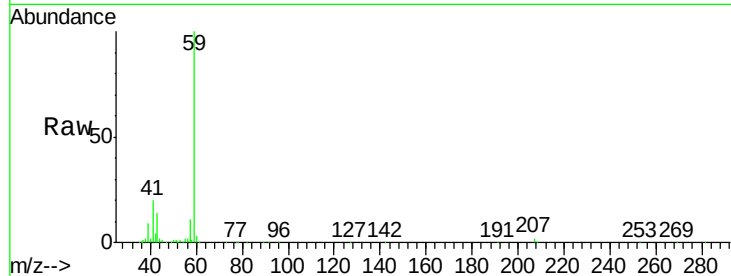
tert-Butyl Alcohol
Concen: 95.116 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.3	0.1	0.1	0.1

Manual Integrations
APPROVED

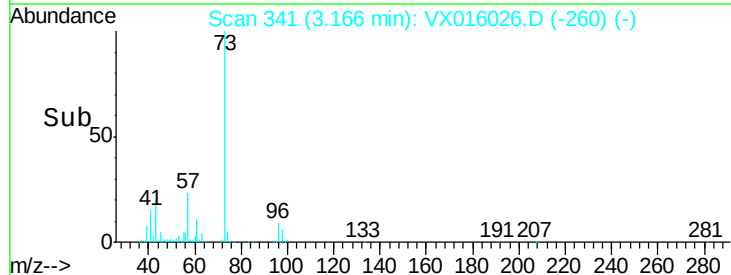
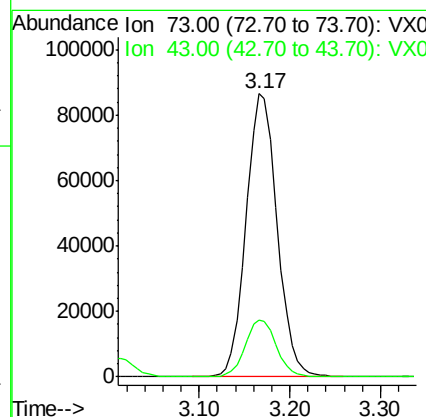
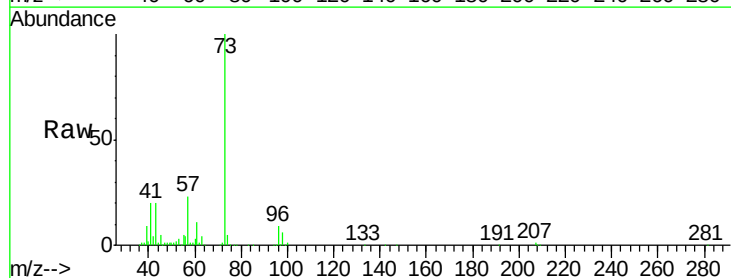
MMDadoda
5/4/2020 2:20:10 PM

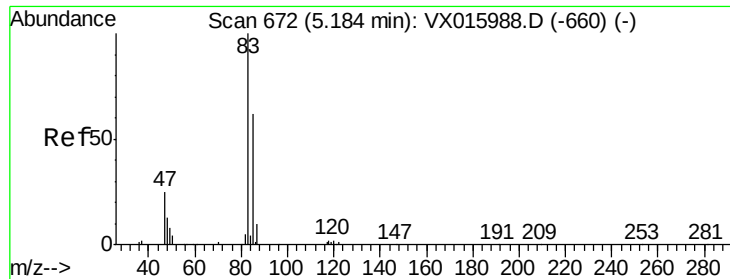


#24

Methyl tert-Butyl Ether
Concen: 18.497 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	20.1	17.8	26.6	





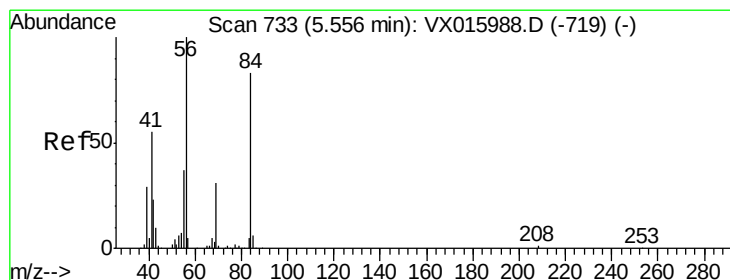
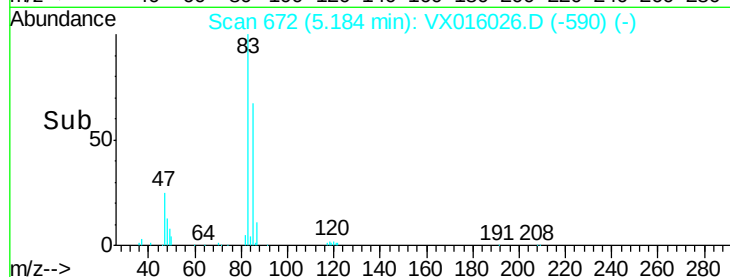
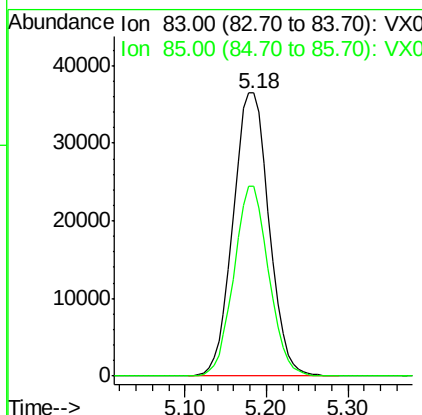
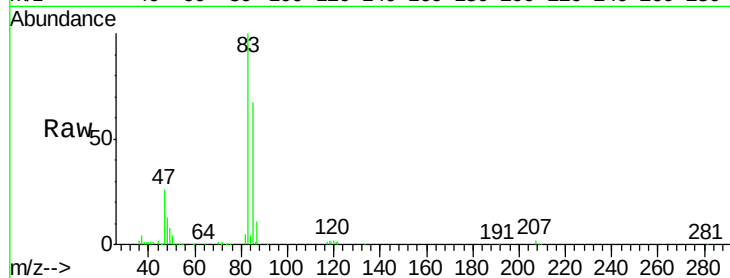
#25
Chloroform
Concen: 17.966 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	111709
Ion Ratio	100	Lower	Upper
83	100		
85	66.8	49.6	74.4

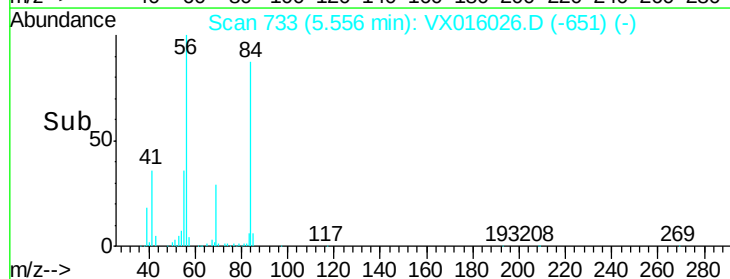
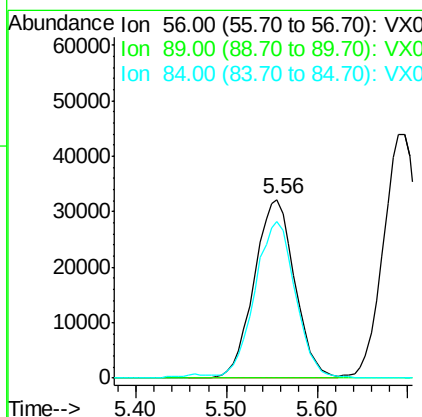
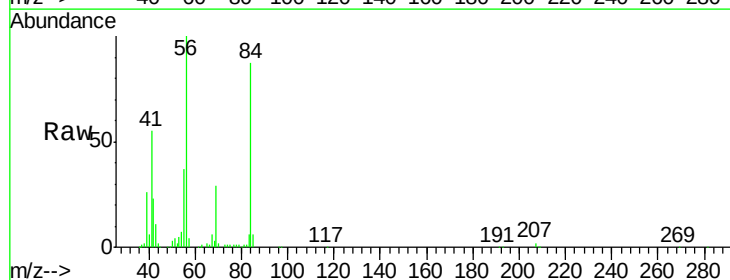
Manual Integrations
APPROVED

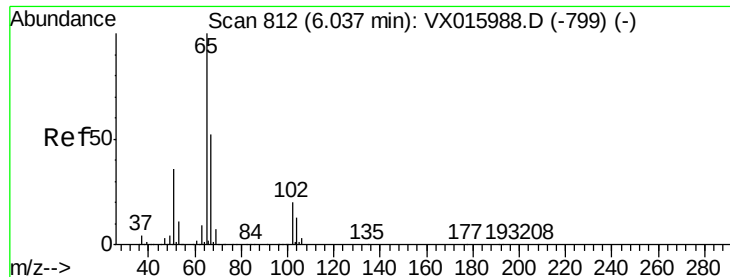
MMDadoda
5/4/2020 2:20:10 PM



#26
Cyclohexane
Concen: 17.756 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	56	Resp	99404
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	86.8	70.1	105.1





#27

1,2-Dichloroethane-d4

Concen: 29.820 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 122942

Ion Ratio Lower Upper

65 100

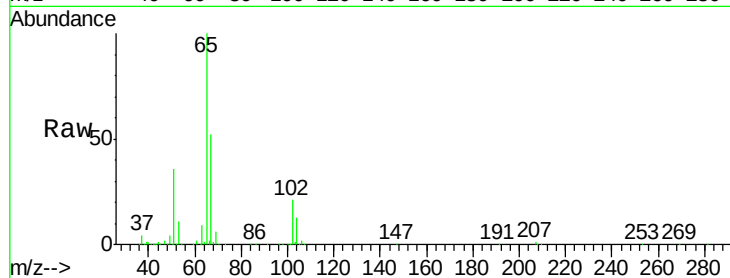
67 51.7 41.0 61.4

Manual Integrations

APPROVED

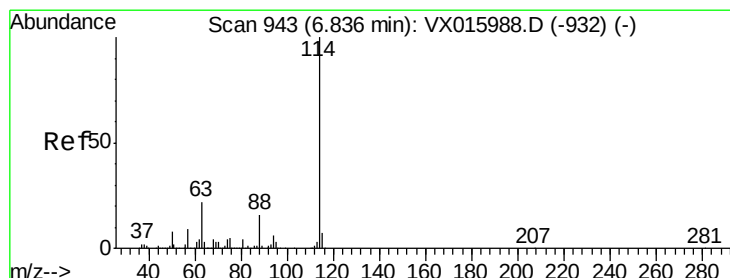
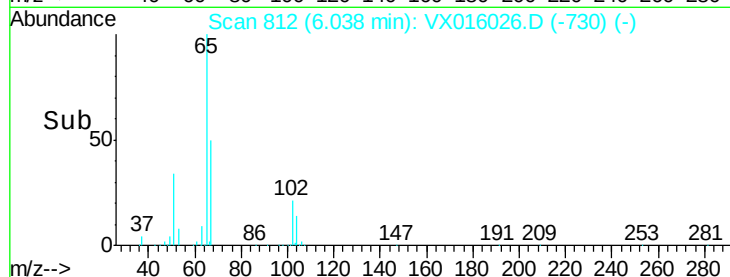
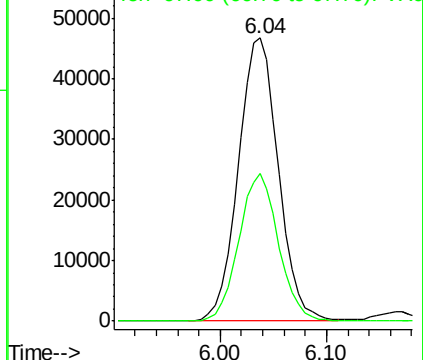
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

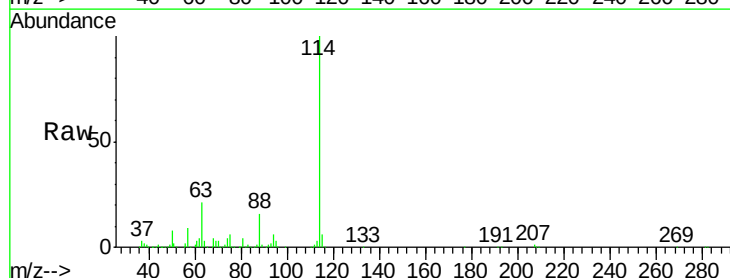
Tgt Ion: 114 Resp: 296361

Ion Ratio Lower Upper

114 100

63 21.4 17.1 25.7

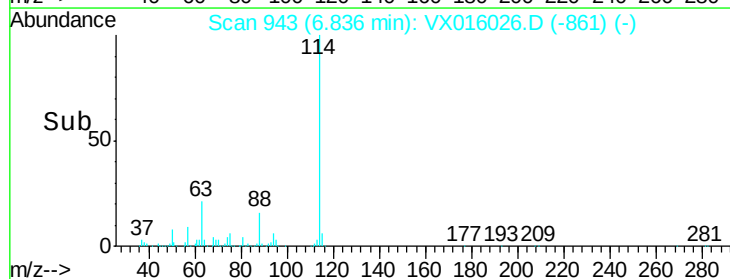
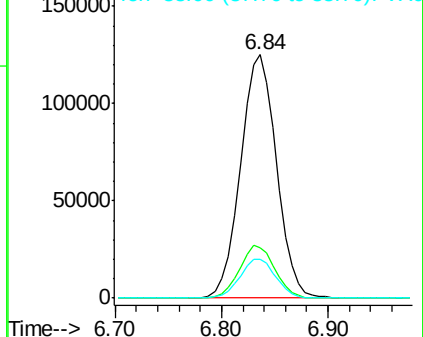
88 16.1 13.0 19.4

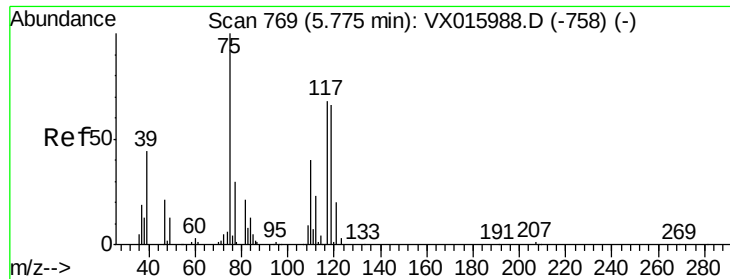


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 17.821 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

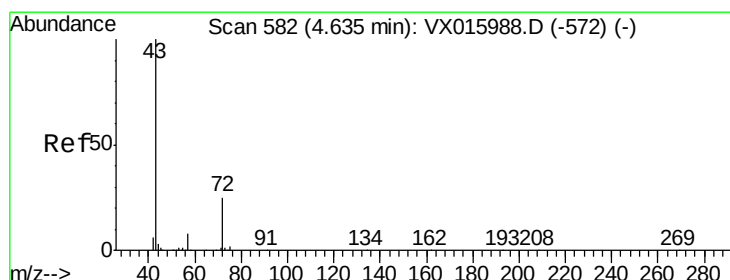
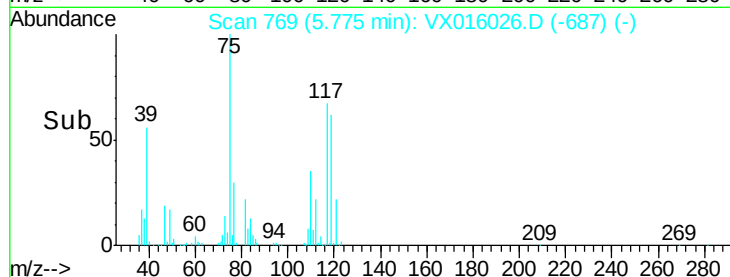
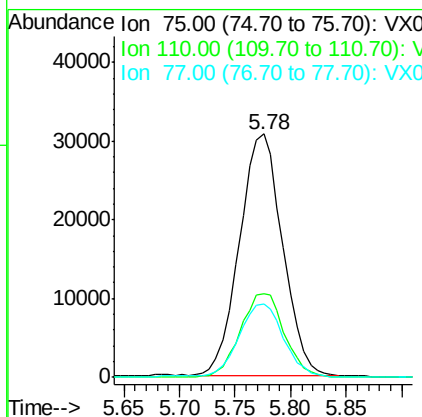
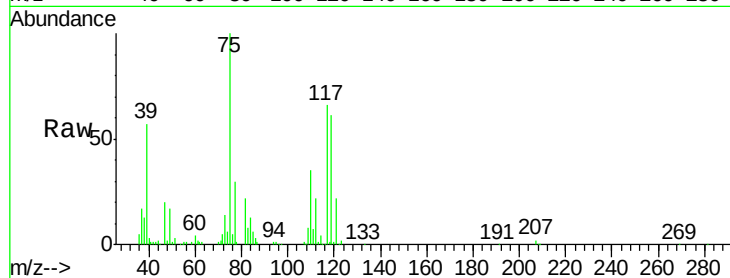
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	83064
Ion	Ratio	Lower	Upper
75	100		
110	35.4	0.0	71.0
77	31.6	0.0	64.2

Manual Integrations
APPROVED

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#30

2-Butanone

Concen: 96.059 ug/l

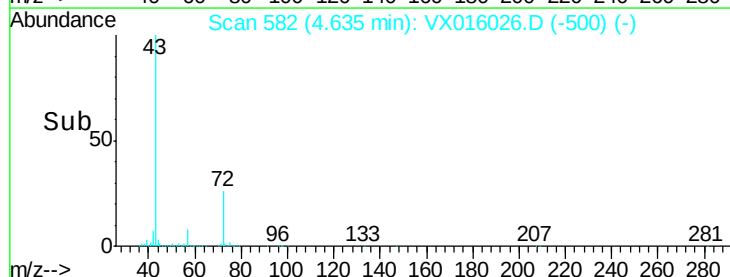
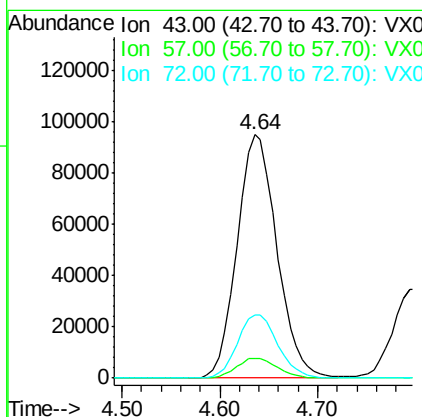
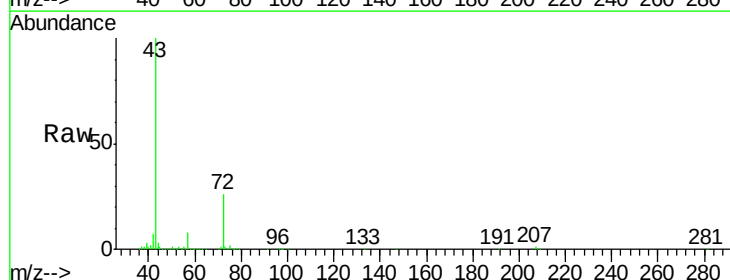
RT: 4.64 min Scan# 582

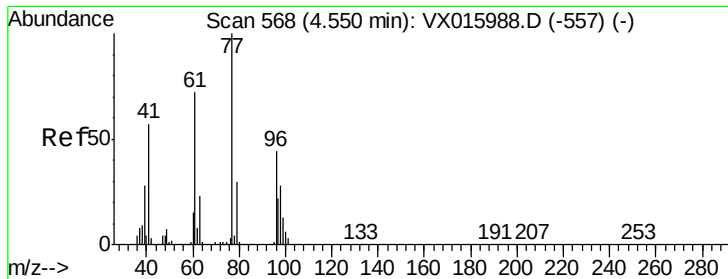
Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	43	Resp:	266789
Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.3	9.5
72	26.4	20.8	31.2





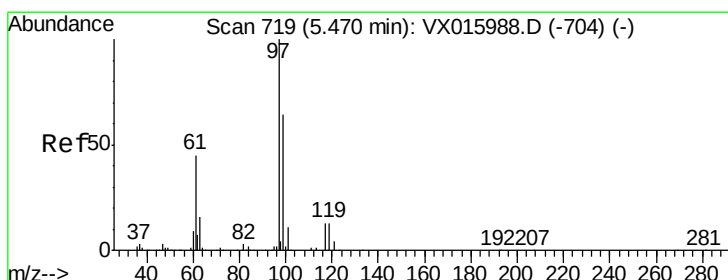
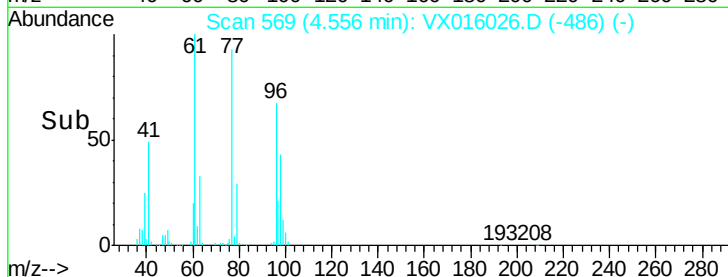
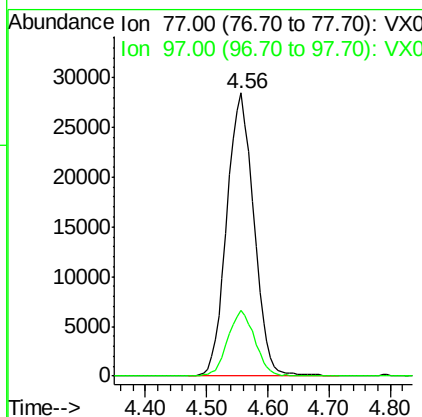
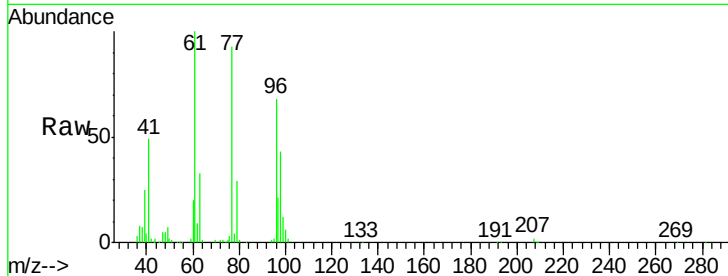
#31
 2,2-Dichloropropane
 Concen: 15.557 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.9	17.8	26.8

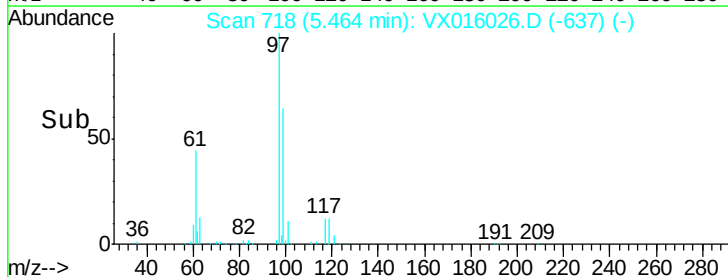
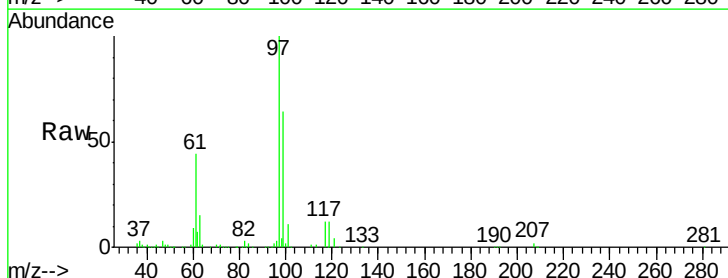
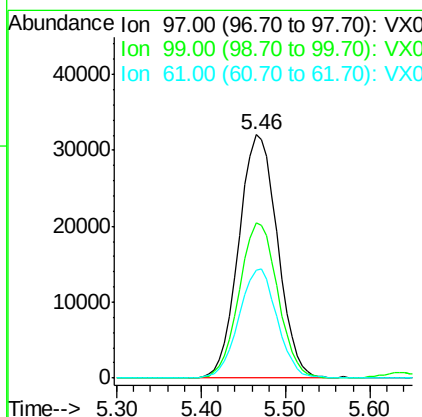
Manual Integrations
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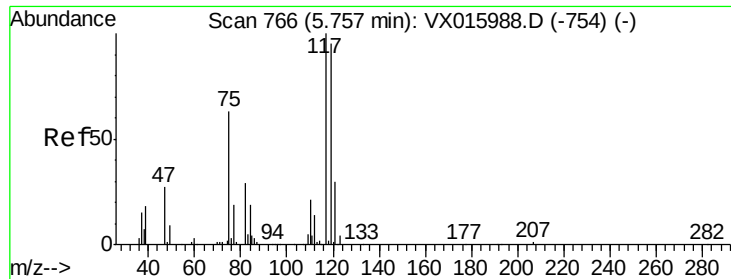
MMDadoda
 5/4/2020 2:20:10 PM



#32
 1,1,1-Trichloroethane
 Concen: 17.711 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.7	76.1
61	44.5	35.9	53.9





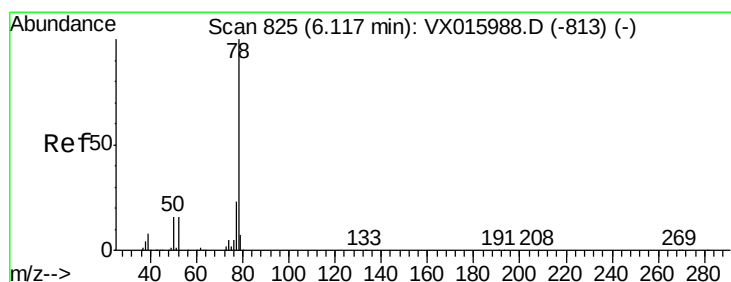
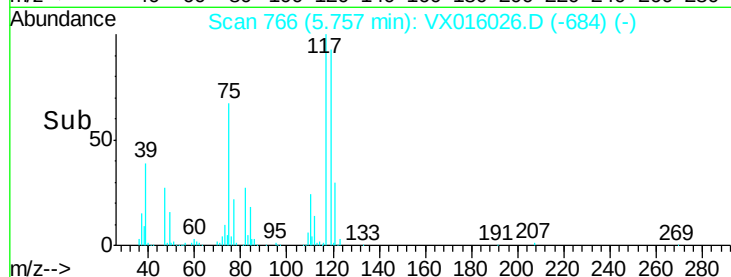
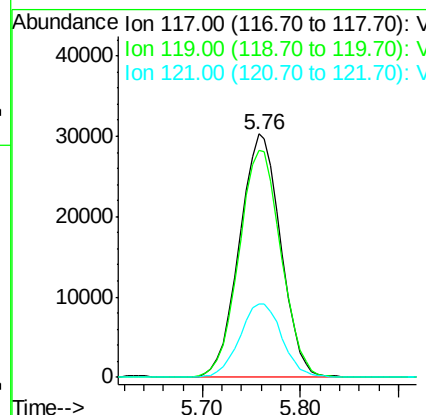
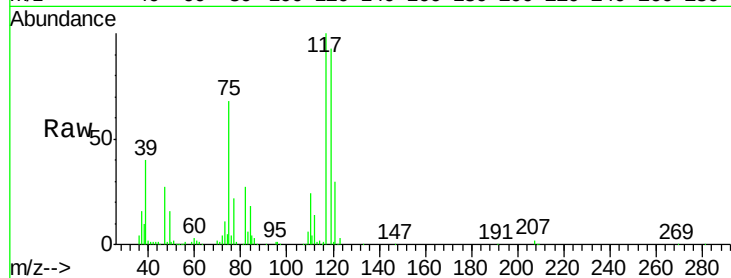
#33
Carbon Tetrachloride
Concen: 17.609 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
121	30.3	24.2	36.4

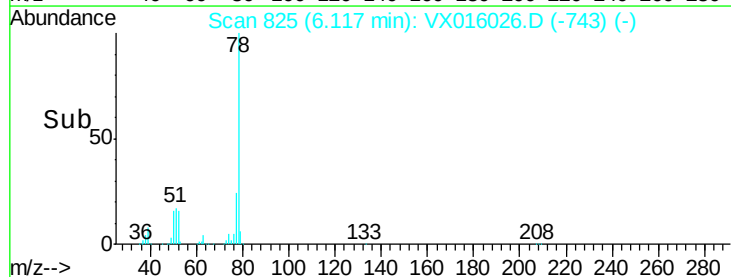
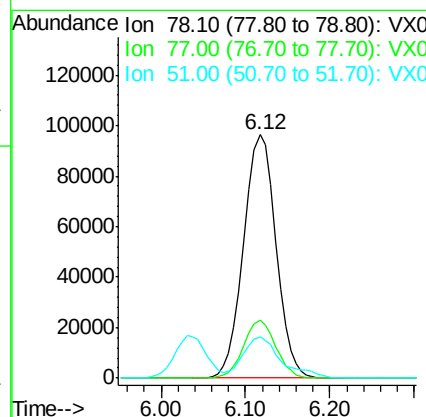
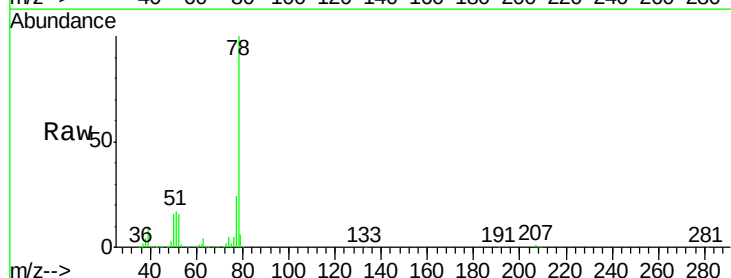
Manual Integrations
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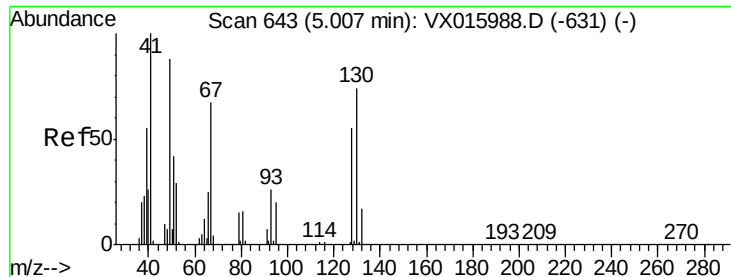
MMDadoda
5/4/2020 2:20:10 PM



#34
Benzene
Concen: 18.484 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1
51	17.1	12.7	19.1





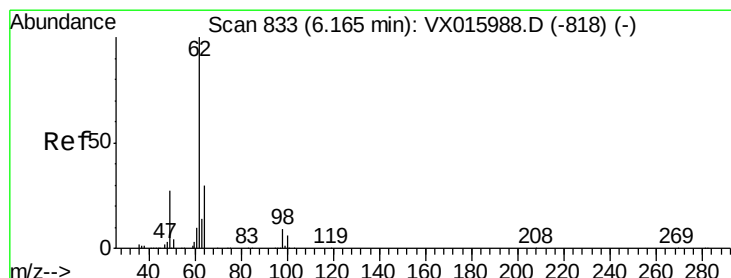
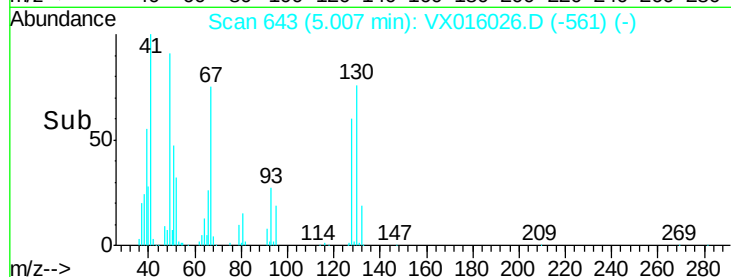
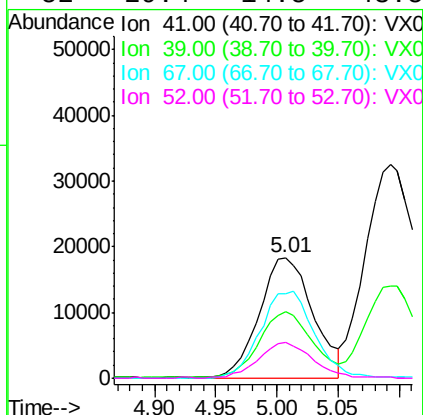
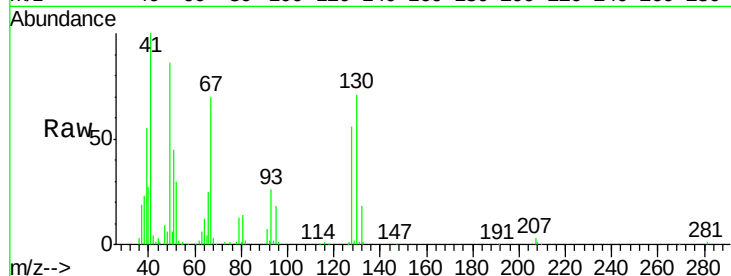
#35
Methacrylonitrile
Concen: 18.887 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	27.5	82.4	
67	70.6	33.6	100.6	
52	29.4	14.5	43.5	

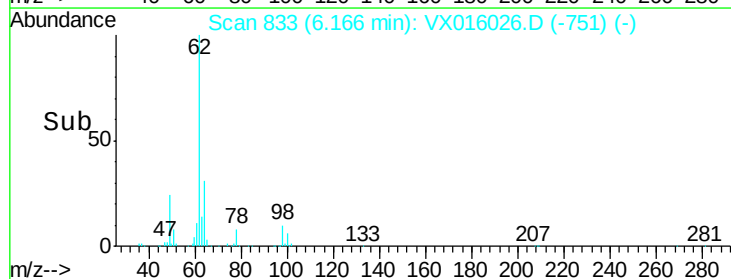
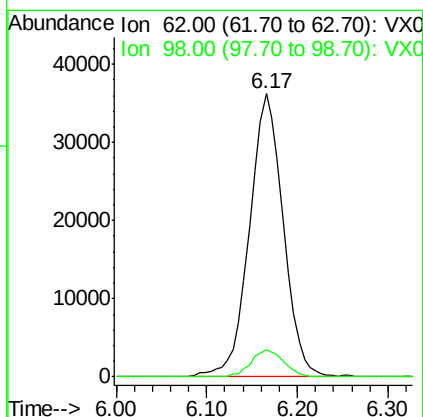
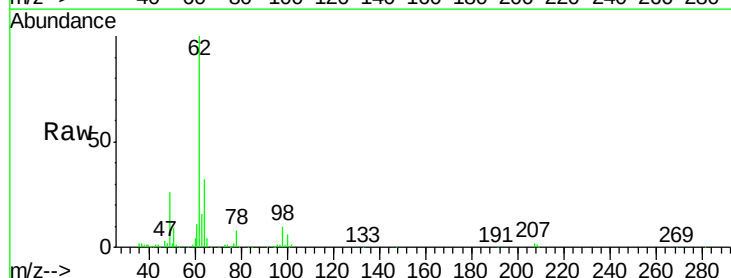
Manual Integrations
APPROVED

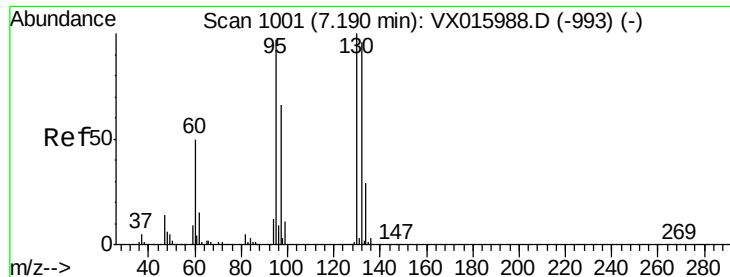
MMDadoda
5/4/2020 2:20:10 PM



#36
1,2-Dichloroethane
Concen: 17.985 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	7.4	11.2	





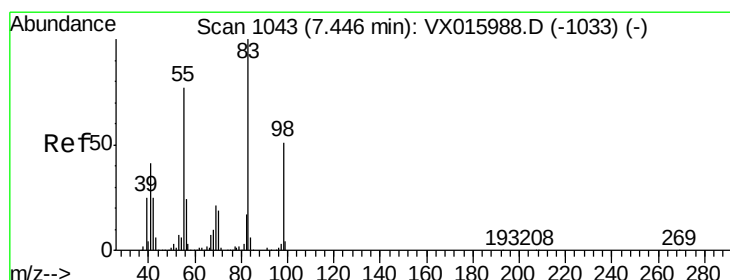
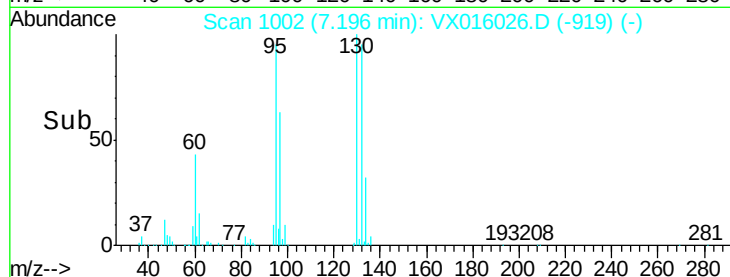
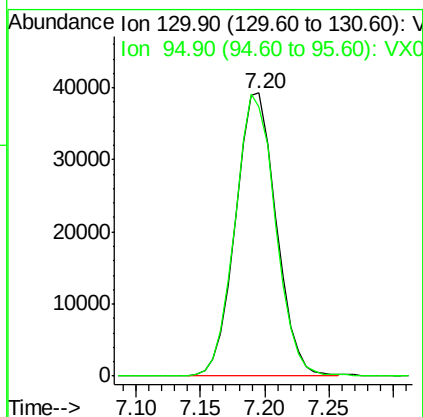
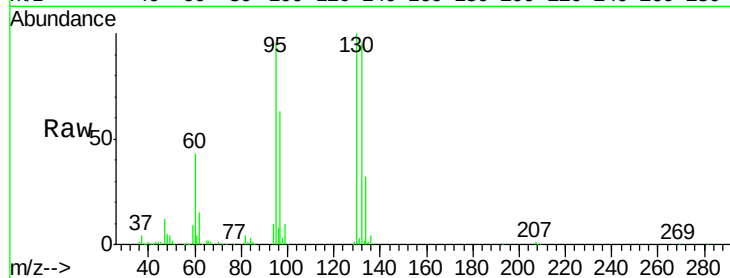
#37
 Trichloroethene
 Concen: 17.786 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 86143
 Ion Ratio Lower Upper
 130 100
 95 95.1 77.8 116.8

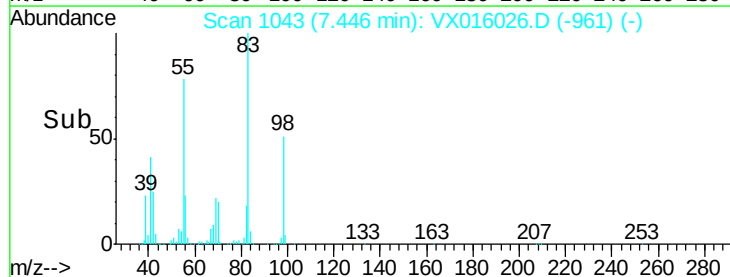
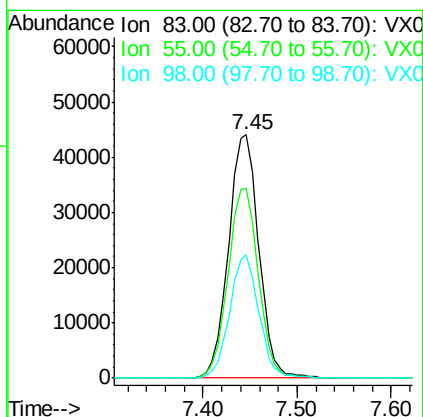
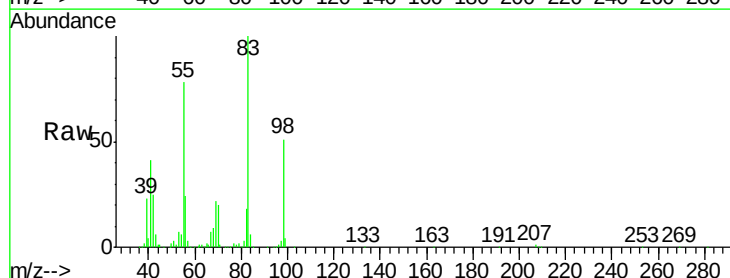
Manual Integrations
 APPROVED

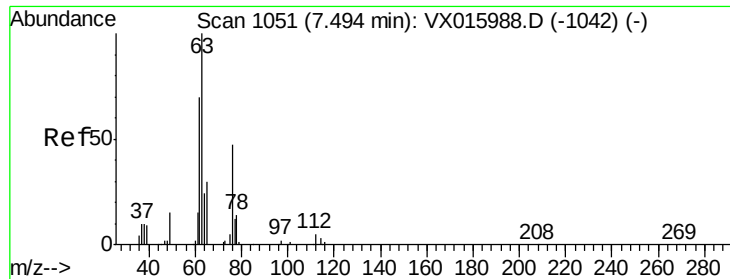
MMDadoda
 5/4/2020 2:20:10 PM



#38
 Methylcyclohexane
 Concen: 17.320 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion: 83 Resp: 98655
 Ion Ratio Lower Upper
 83 100
 55 78.0 38.8 116.4
 98 49.1 25.1 75.3





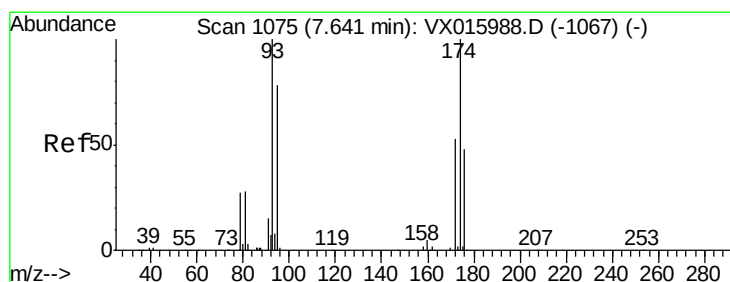
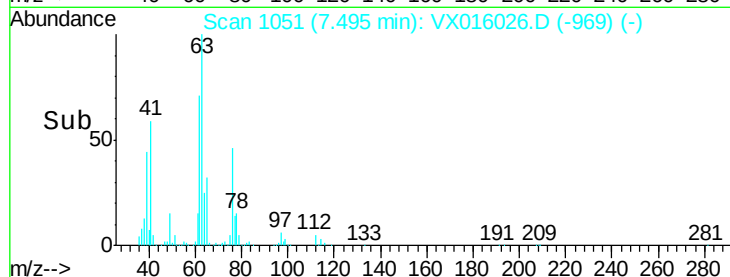
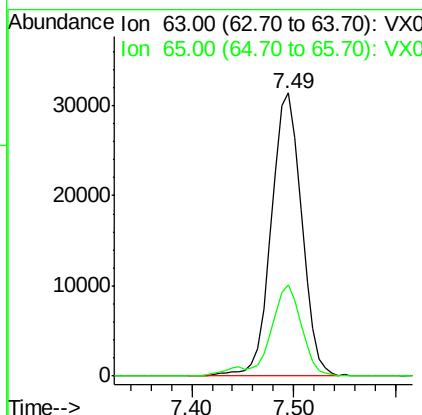
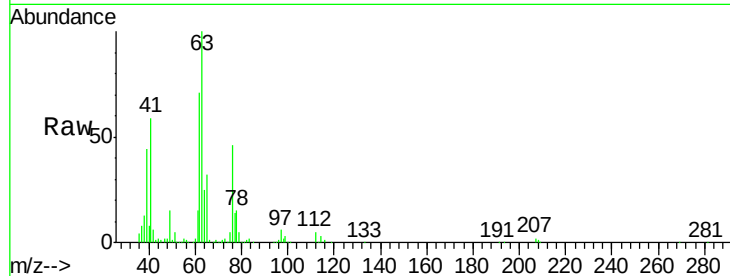
#39
 1,2-Dichloropropane
 Concen: 18.526 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	63	Resp	64743
Ion Ratio	100	Lower	Upper
65	32.4	25.9	38.9

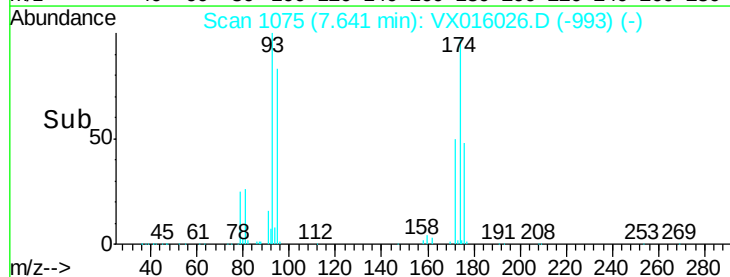
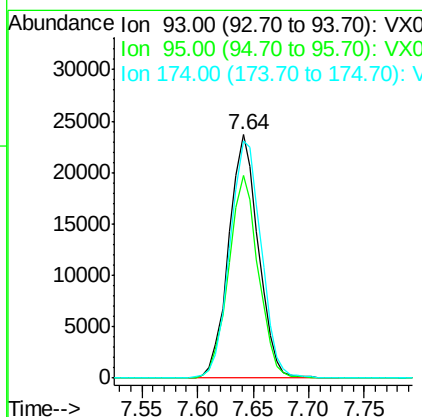
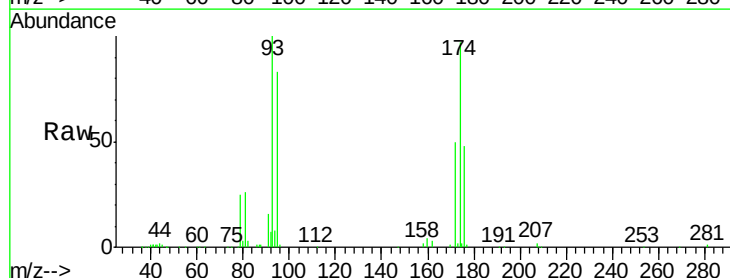
Manual Integrations
 APPROVED

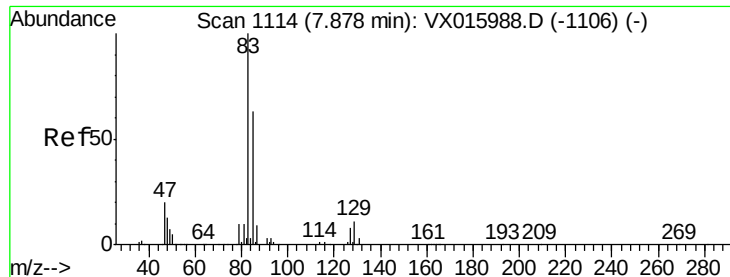
MMDadoda
 5/4/2020 2:20:10 PM



#40
 Dibromomethane
 Concen: 18.019 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion	93	Resp	43726
Ion Ratio	100	Lower	Upper
95	82.6	0.0	162.8
174	103.0	0.0	204.0





#41

Bromodichloromethane

Concen: 17.877 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

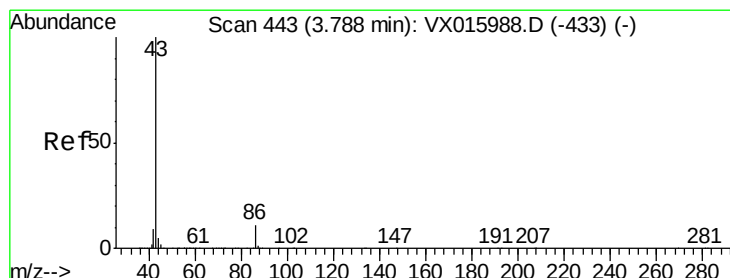
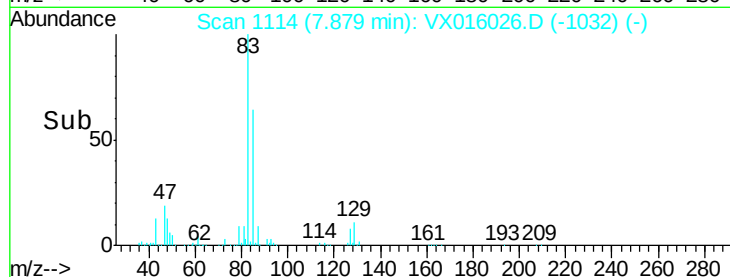
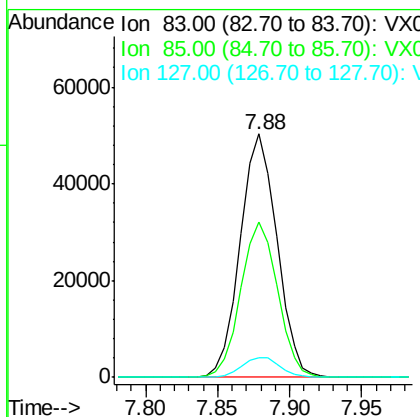
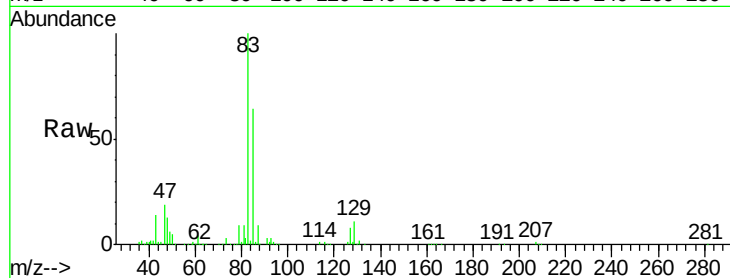
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	89432
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.4	75.6
127	7.9	6.7	10.1

Manual Integrations
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MMDadoda
5/4/2020 2:20:10 PM



#42

Vinyl Acetate

Concen: 90.648 ug/l

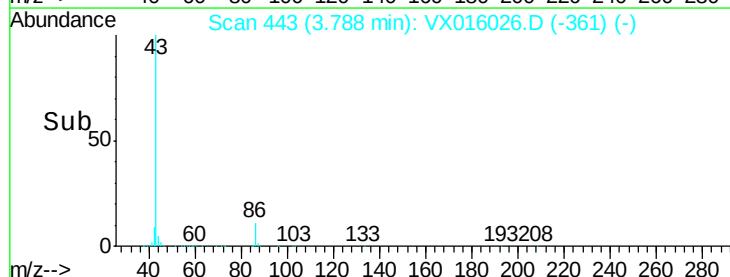
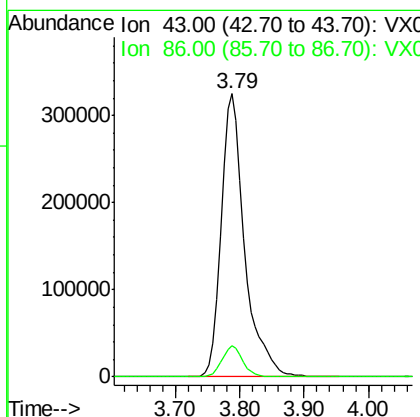
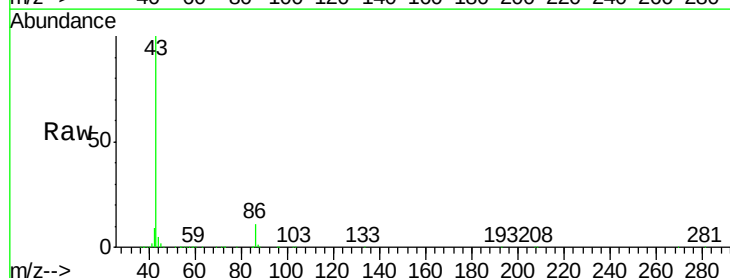
RT: 3.79 min Scan# 443

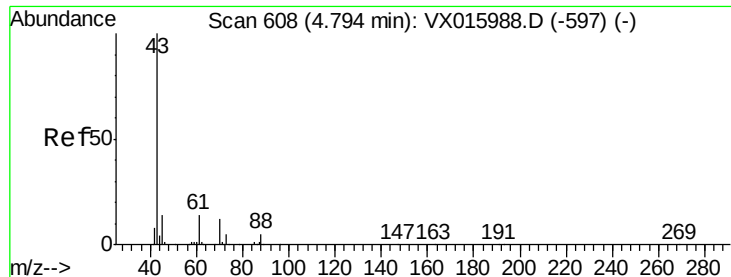
Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	43	Resp:	832920
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.7	11.5





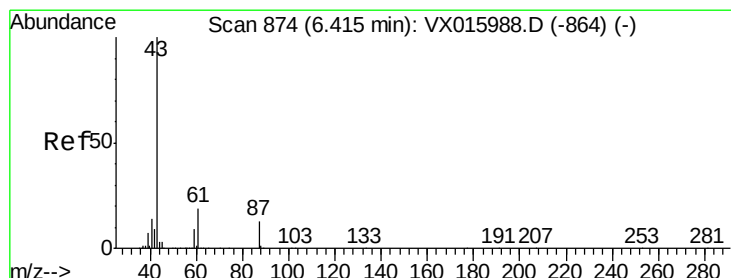
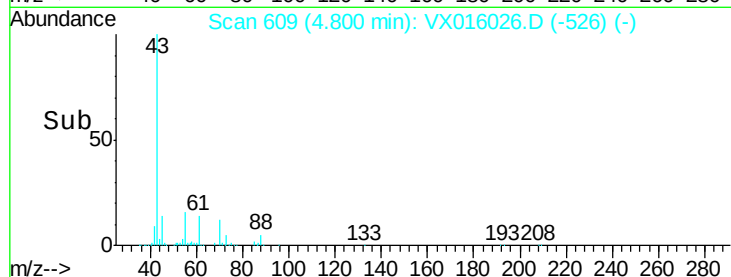
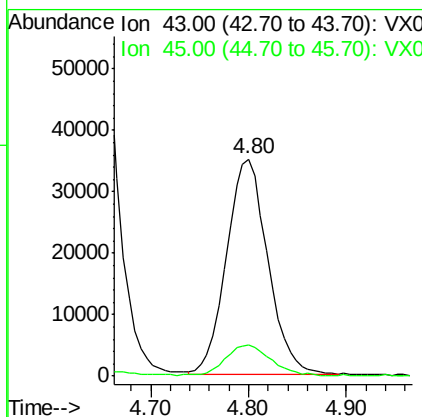
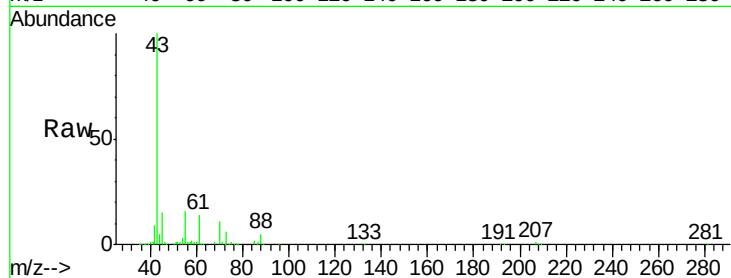
#43
Ethyl Acetate
Concen: 18.745 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Ratio	Lower	Upper
102694	43	100		
	45	15.2	11.9	17.9

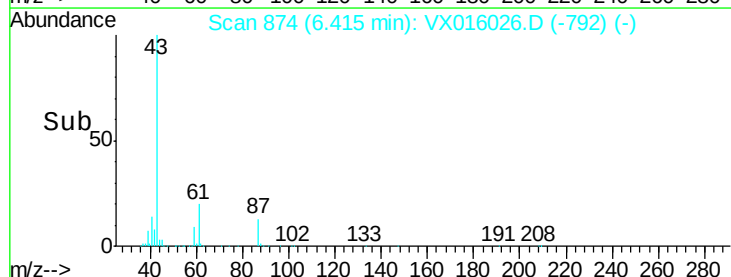
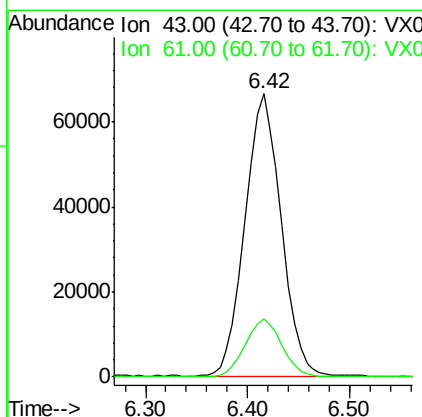
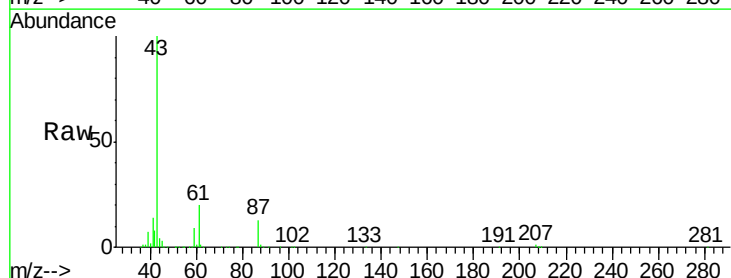
Manual Integrations
APPROVED

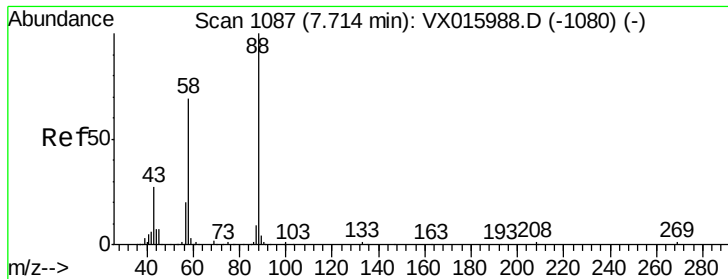
MMDadoda
5/4/2020 2:20:10 PM



#44
Isopropyl Acetate
Concen: 18.455 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	43	Ratio	Lower	Upper
164078	43	100		
	61	20.7	16.1	24.1





#45

1,4-Dioxane

Concen: 370.857 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

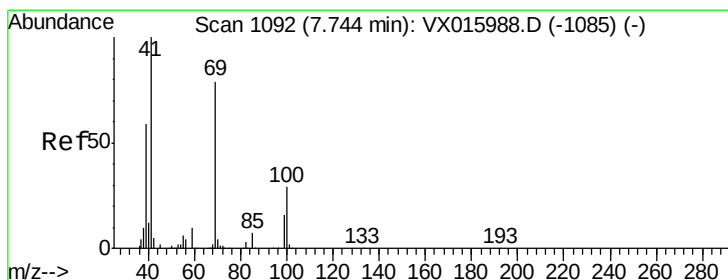
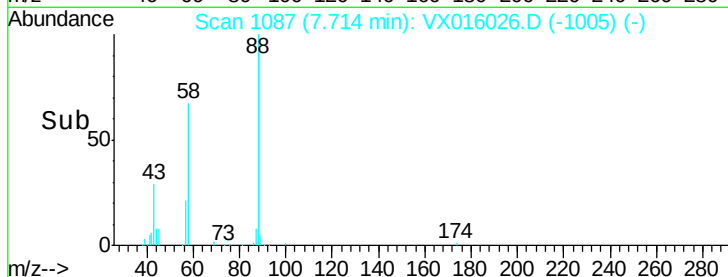
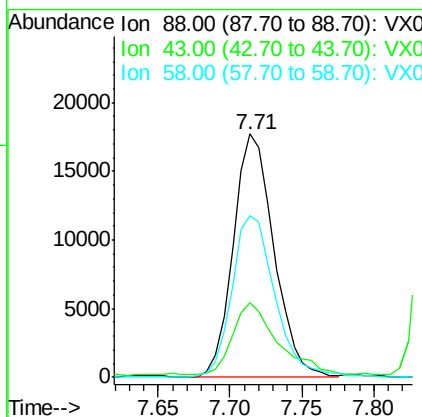
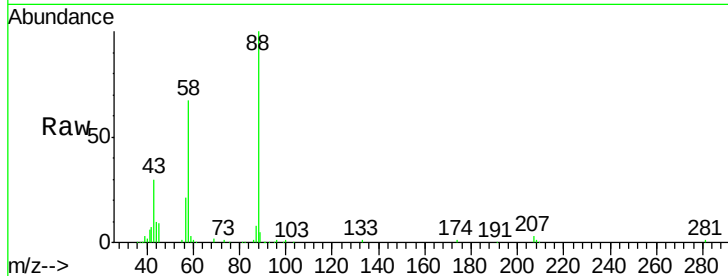
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	34827
Ion	Ratio	Lower	Upper
88	100		
43	30.7	26.3	39.5
58	70.2	57.0	85.6

Manual Integrations
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5/4/2020 2:20:10 PM



#46

Methyl methacrylate

Concen: 18.288 ug/l

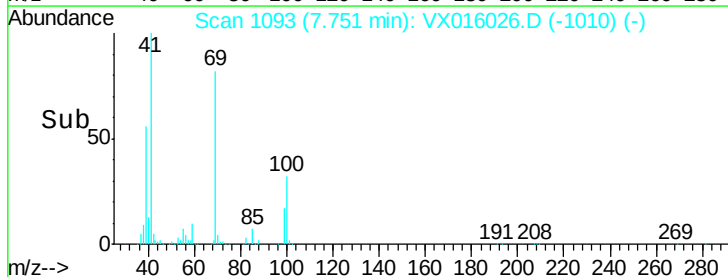
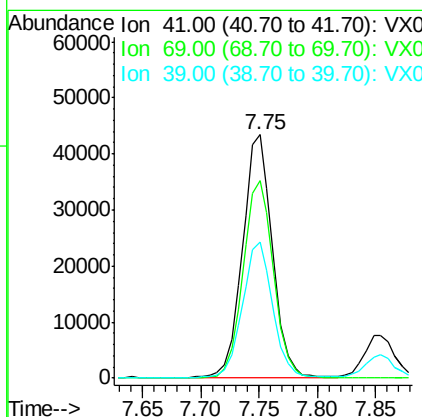
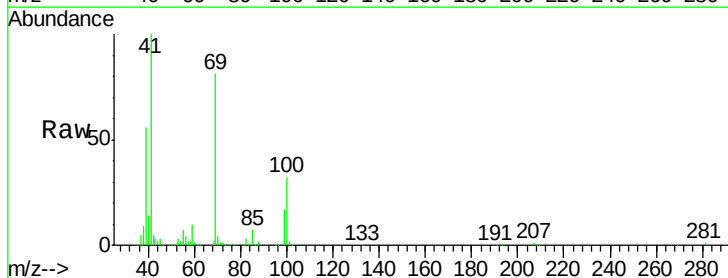
RT: 7.75 min Scan# 1093

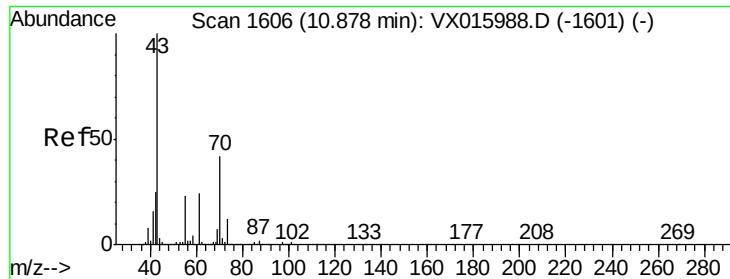
Delta R.T. 0.01 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	41	Resp:	77080
Ion	Ratio	Lower	Upper
41	100		
69	81.6	39.5	118.5
39	55.7	29.6	88.9





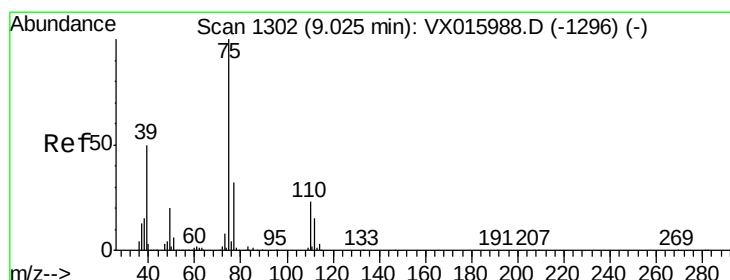
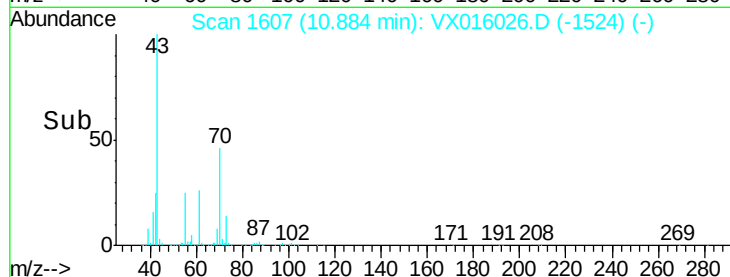
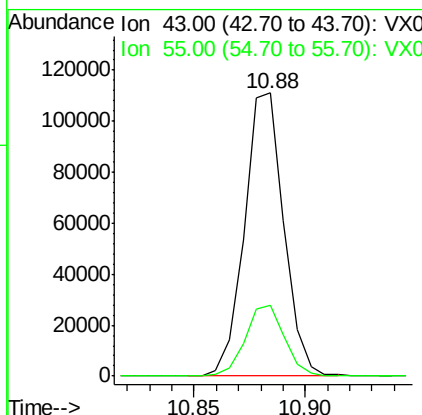
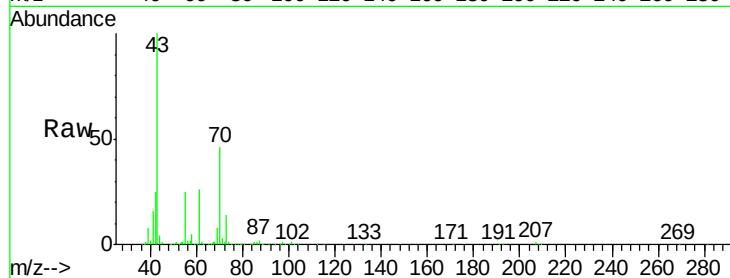
#47
n-amvl Acetate
Concen: 17.523 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	136224
Ion Ratio	100	Lower	Upper
55	25.2	19.0	28.4

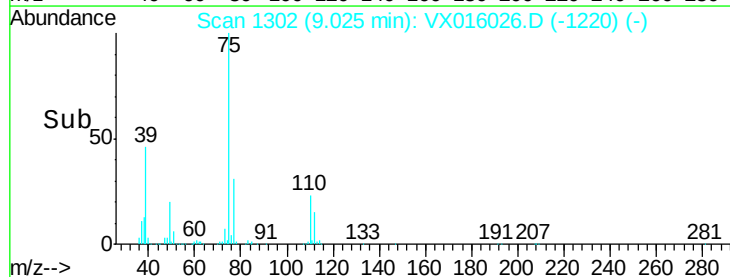
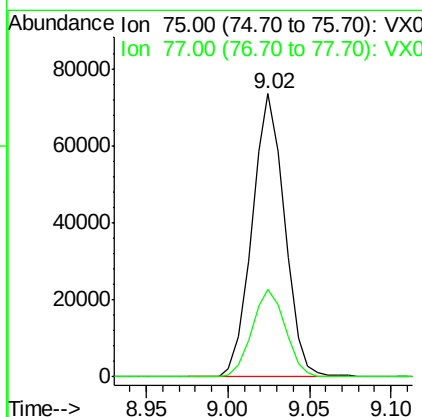
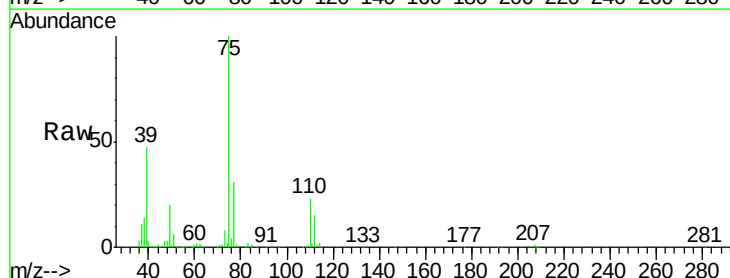
Manual Integrations
APPROVED

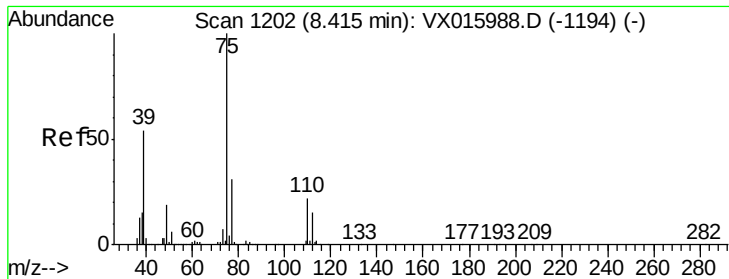
MMDadoda
5/4/2020 2:20:10 PM



#48
t-1,3-Dichloropropene
Concen: 17.605 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	75	Resp	102271
Ion Ratio	100	Lower	Upper
77	31.0	25.8	38.8





#49

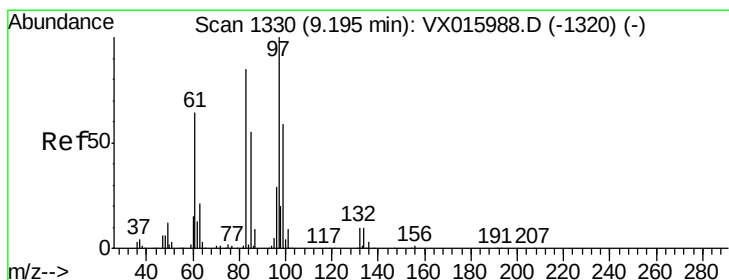
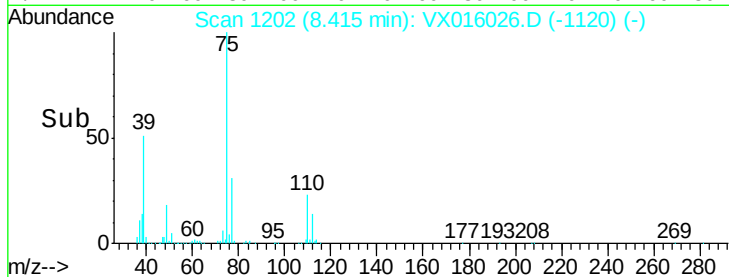
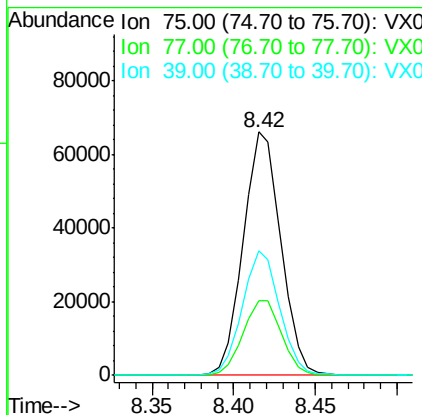
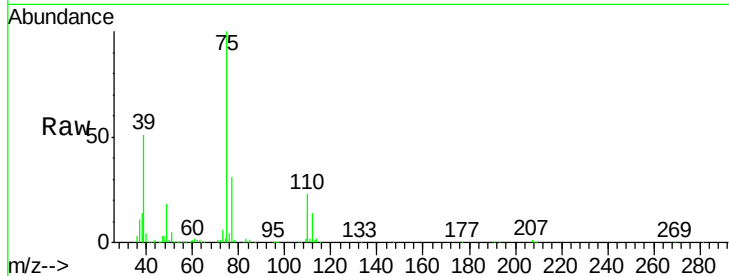
cis-1,3-Dichloropropene
 Concen: 17.757 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.6
39	51.2	43.2	64.8

Manual Integrations
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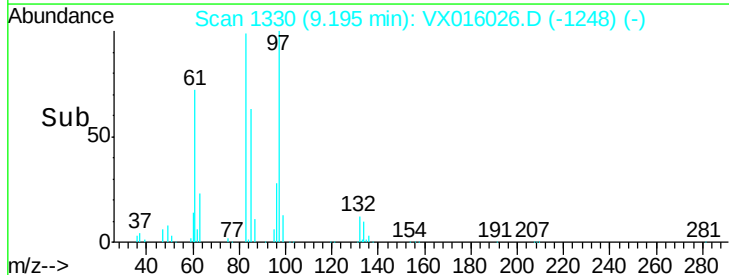
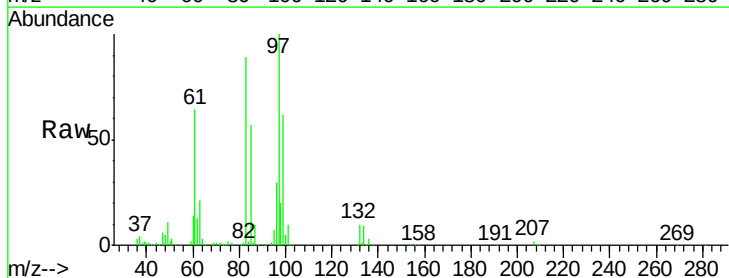
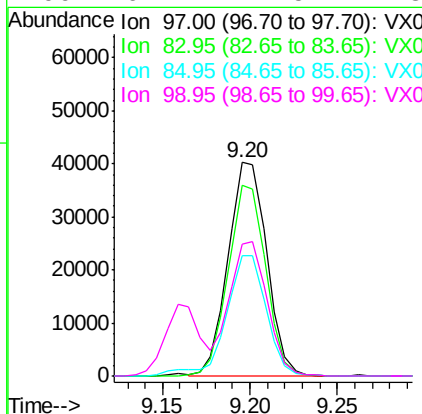
MMDadoda
 5/4/2020 2:20:10 PM

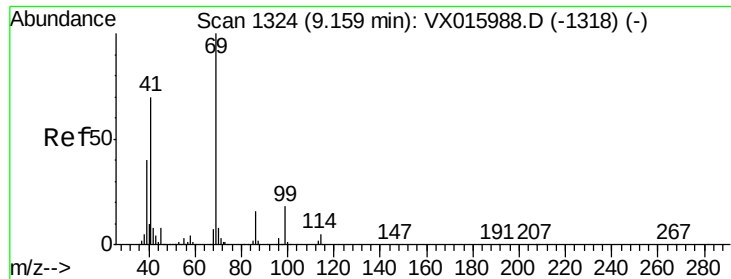


#50

1,1,2-Trichloroethane
 Concen: 18.117 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.7	101.5
85	56.6	43.7	65.5
99	61.7	47.5	71.3





#51

Ethyl methacrylate

Concen: 18.104 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

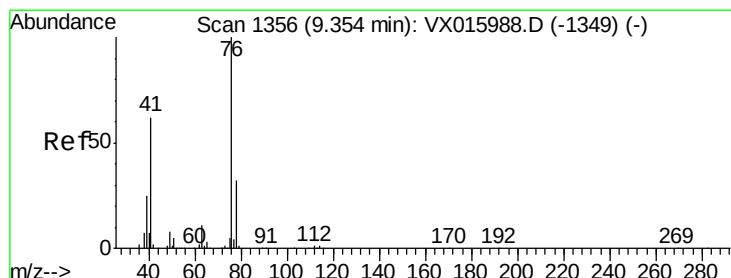
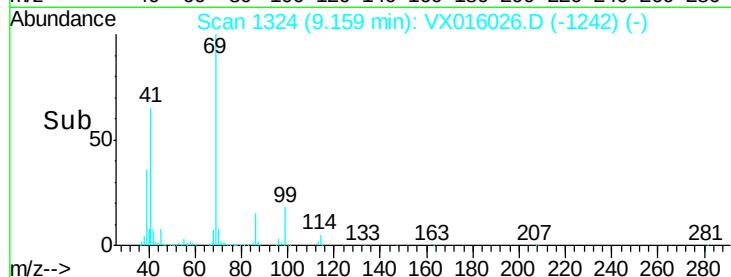
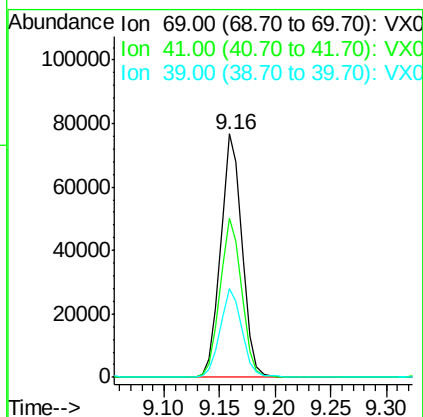
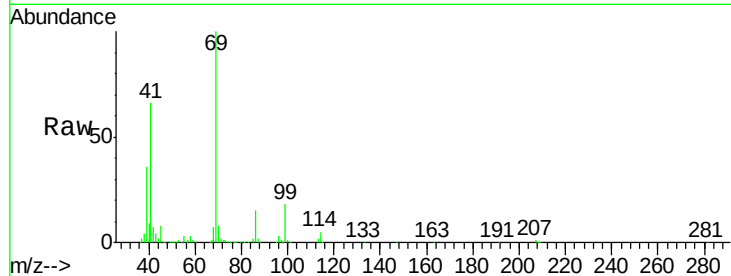
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	102232
Ion	Ratio	Lower	Upper
69	100		
41	65.4	34.8	104.4
39	36.2	19.8	59.4

Manual Integrations
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5/4/2020 2:20:10 PM



#52

1,3-Dichloropropane

Concen: 18.548 ug/l

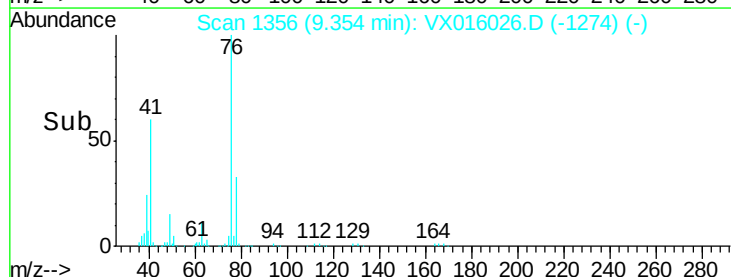
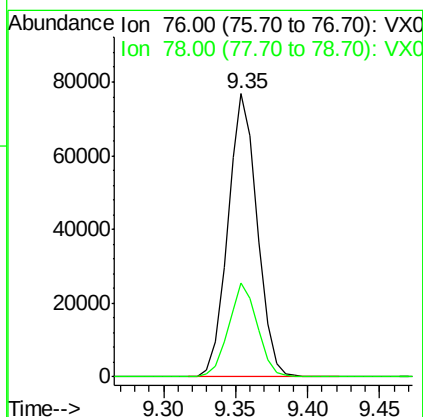
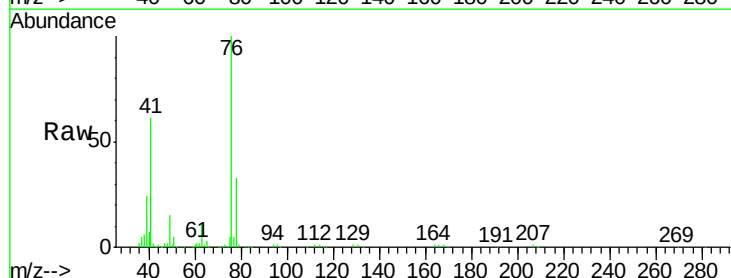
RT: 9.35 min Scan# 1356

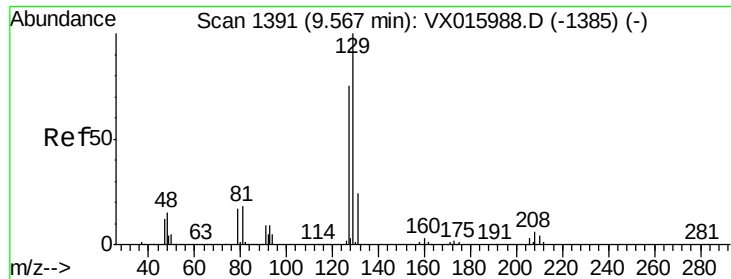
Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	76	Resp:	109646
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	64.2





#53

Dibromochloromethane

Concen: 17.494 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 68060

Ion Ratio Lower Upper

129 100

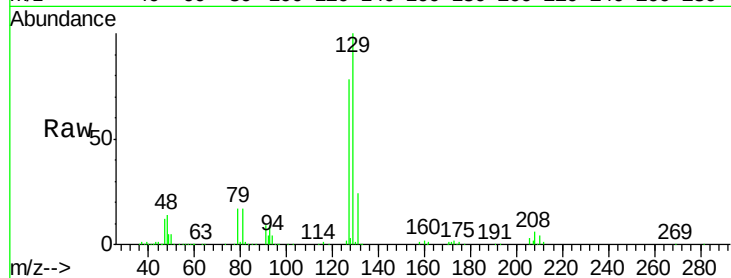
127 77.8 38.3 114.9

Manual Integrations

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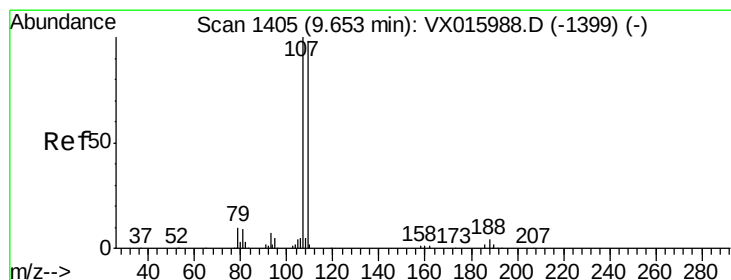
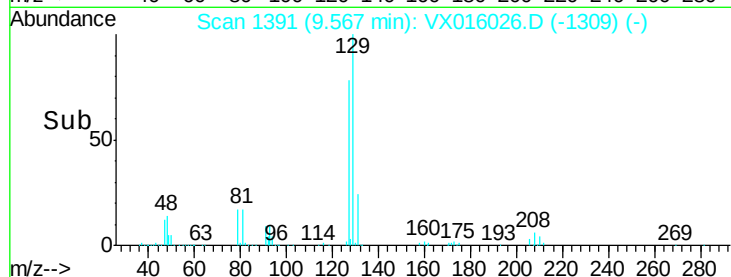
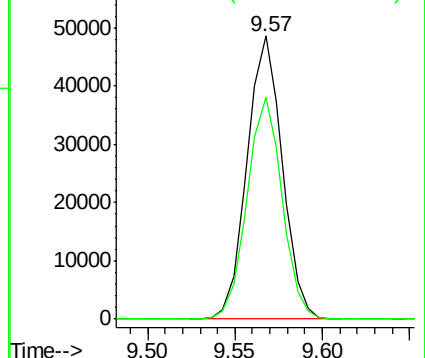
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.072 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016026.D

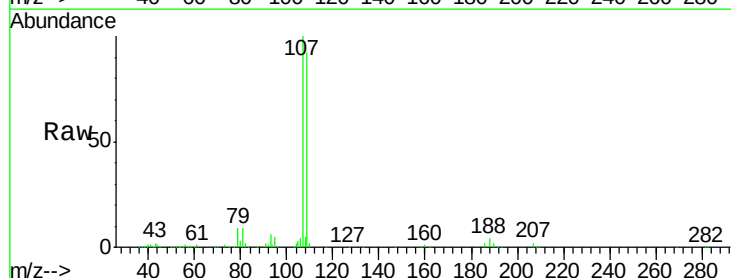
Acq: 01 May 2020 20:49

Tgt Ion:107 Resp: 67921

Ion Ratio Lower Upper

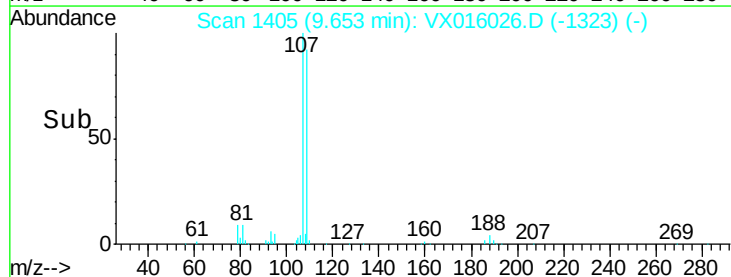
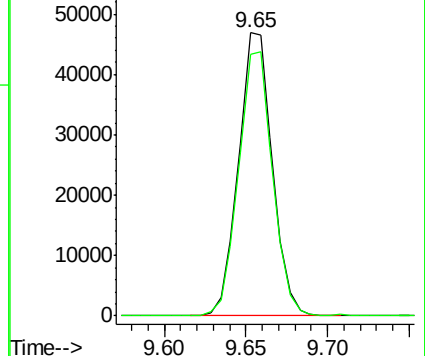
107 100

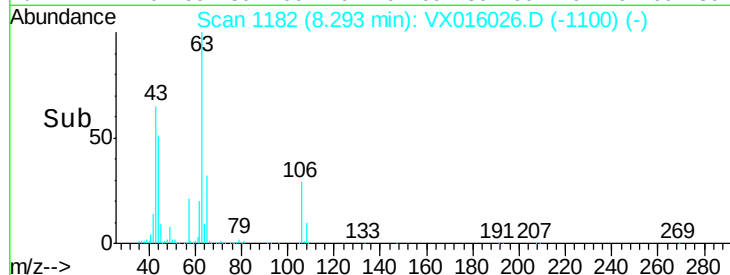
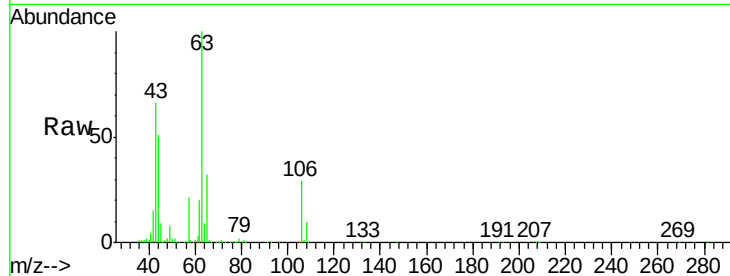
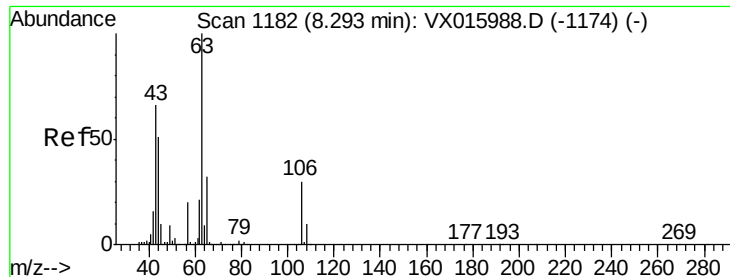
109 93.8 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





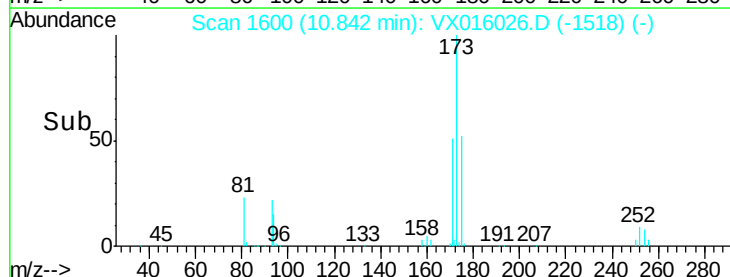
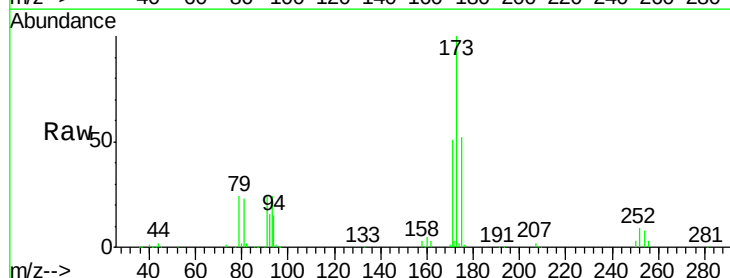
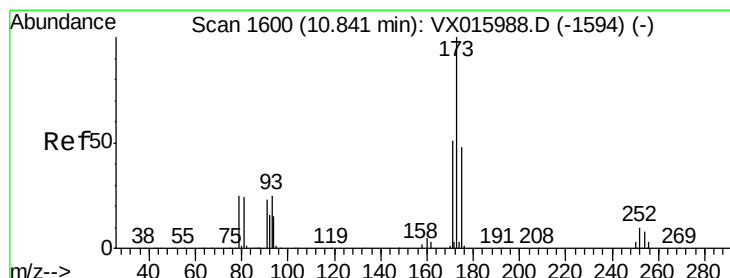
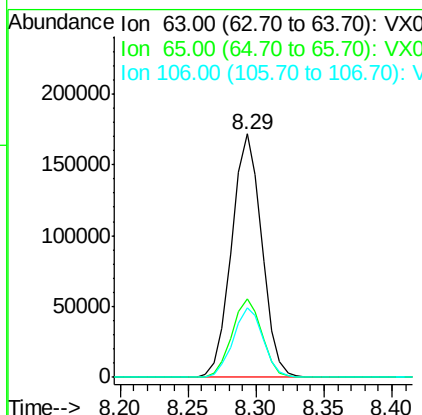
#55
2-Chloroethyl vinyl ether
Concen: 86.363 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tot Ion	63	Resp	265317
Ion Ratio	Lower	Upper	
63	100		
65	32.3	25.6	38.4
106	28.5	23.4	35.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

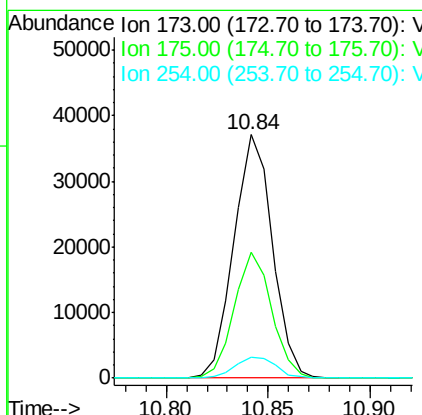
Manual Integrations
APPROVED

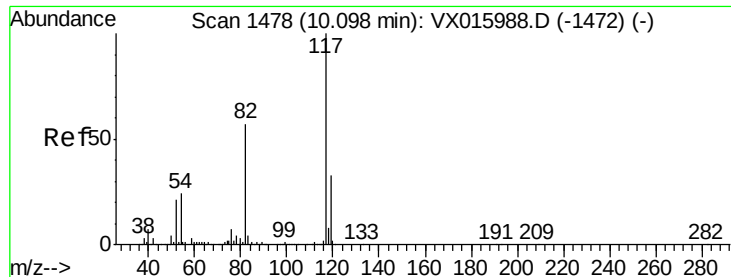
MMDadoda
5/4/2020 2:20:10 PM



#56
Bromoform
Concen: 16.596 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	173	Resp	48649
Ion Ratio	Lower	Upper	
173	100		
175	50.0	38.0	57.0
254	9.1	6.8	10.2





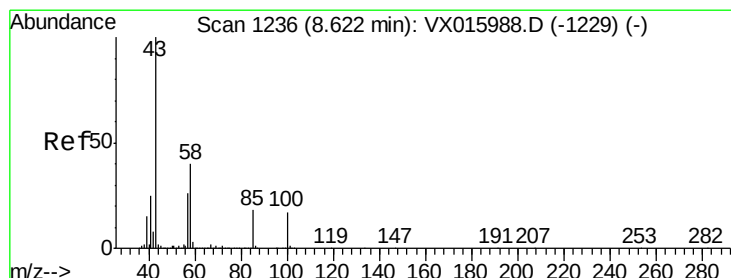
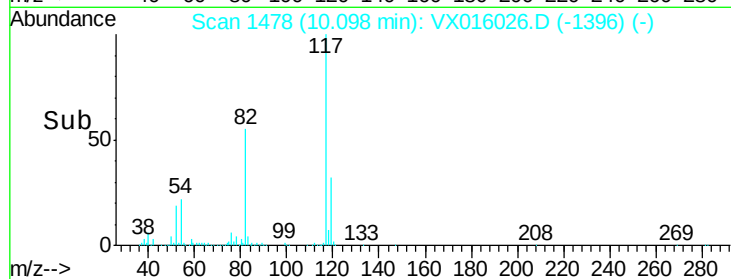
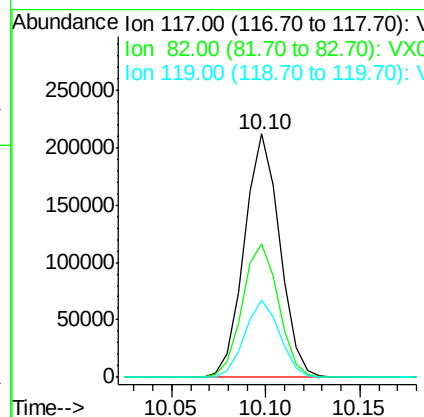
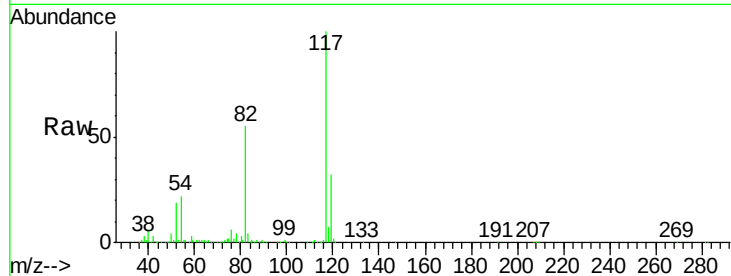
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.1	67.7
119	31.6	25.6	38.4

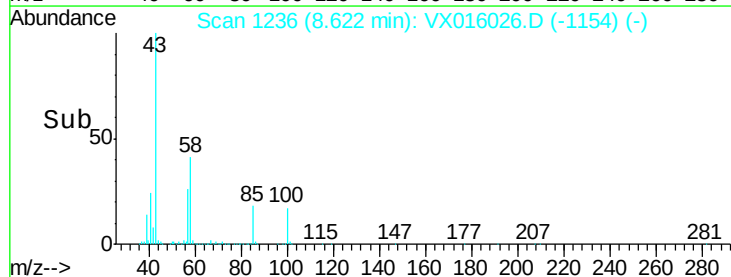
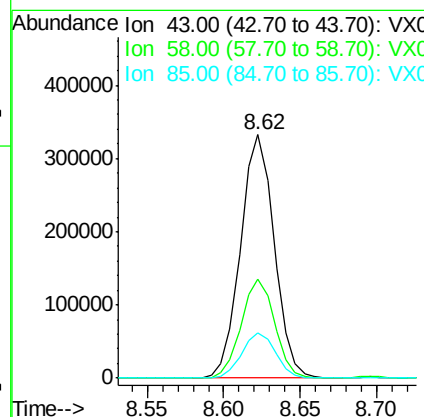
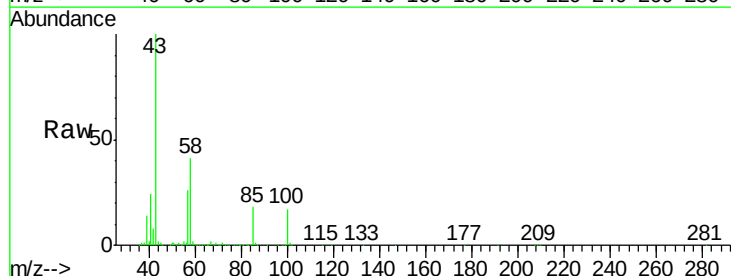
Manual Integrations
APPROVED

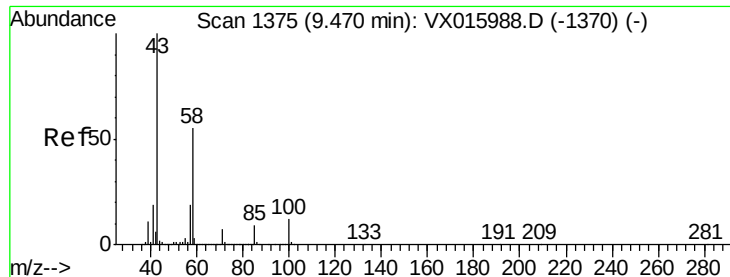
MMDadoda
5/4/2020 2:20:10 PM



#58
4-Methyl-2-Pentanone
Concen: 93.135 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.6	31.8	47.6
85	18.7	14.5	21.7





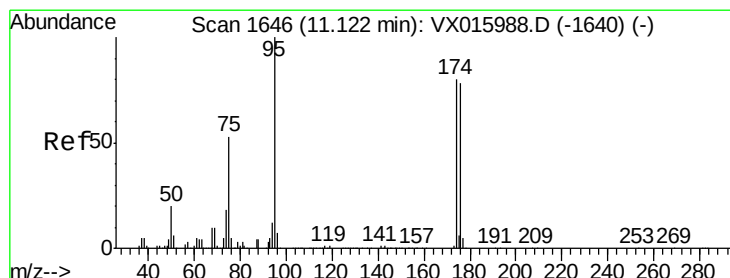
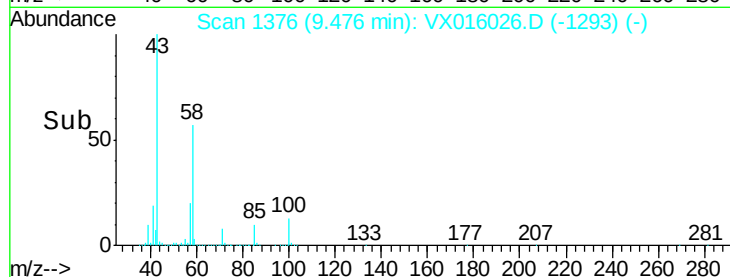
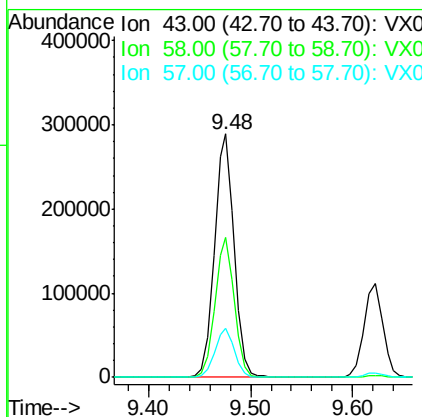
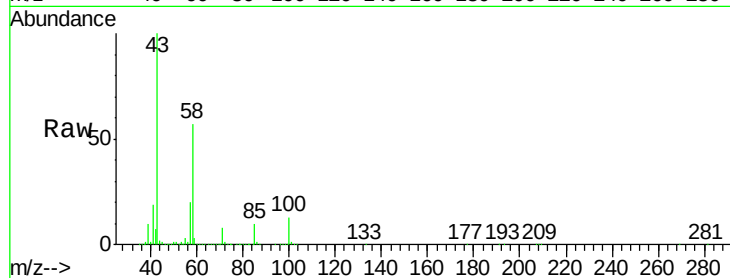
#59
2-Hexanone
Concen: 92.784 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.7	44.0	66.0
57	19.9	15.5	23.3

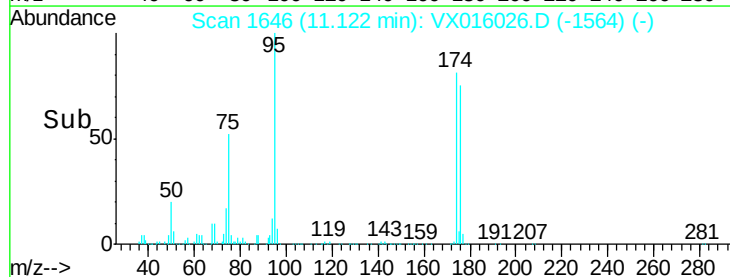
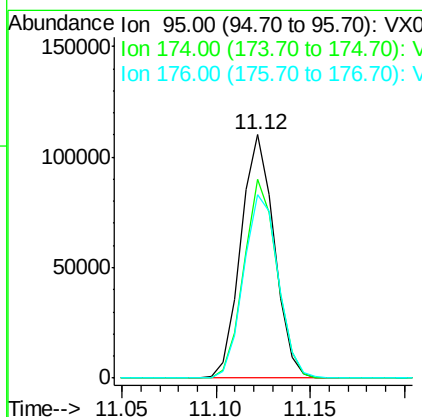
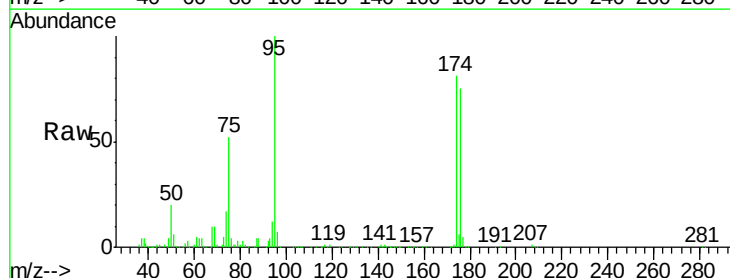
Manual Integrations
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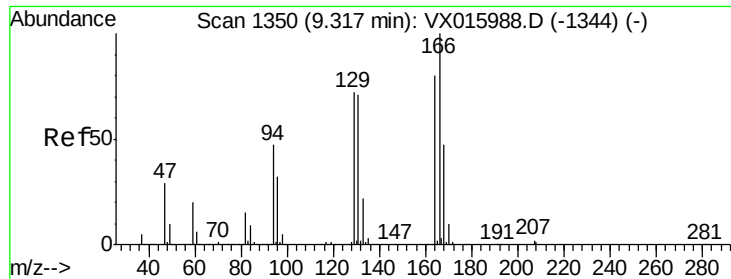
MMDadoda
5/4/2020 2:20:10 PM



#60
4-Bromofluorobenzene
Concen: 29.204 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	64.8	97.2
176	78.3	62.4	93.6





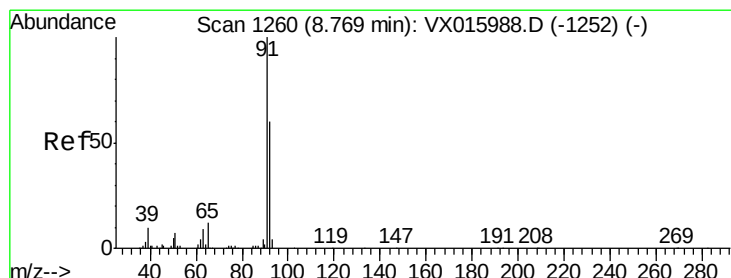
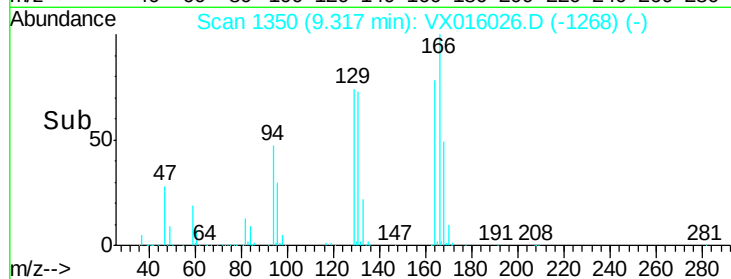
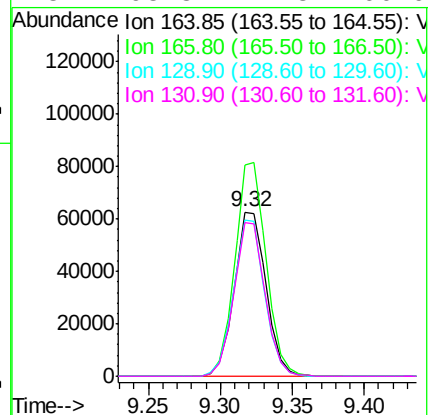
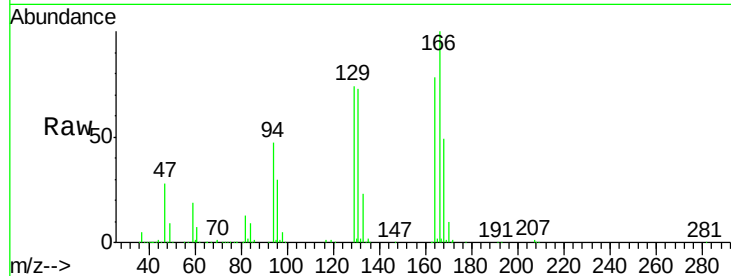
#61
Tetrachloroethene
Concen: 17.650 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.1	150.1
129	95.6	72.2	108.4
131	93.8	71.3	106.9

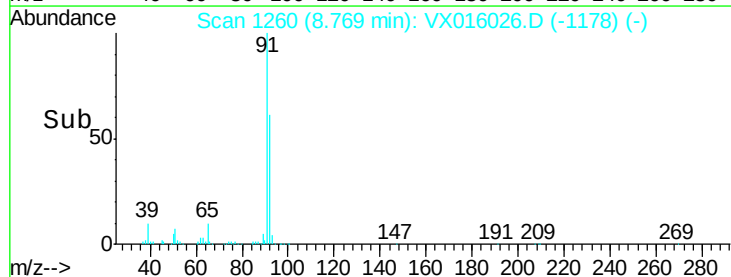
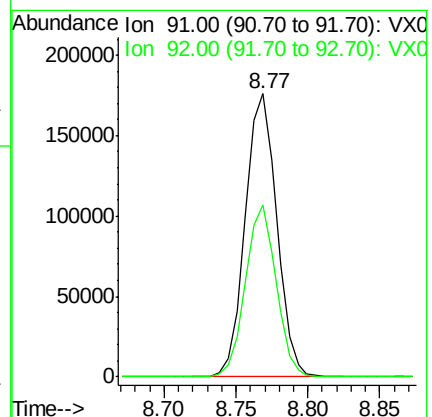
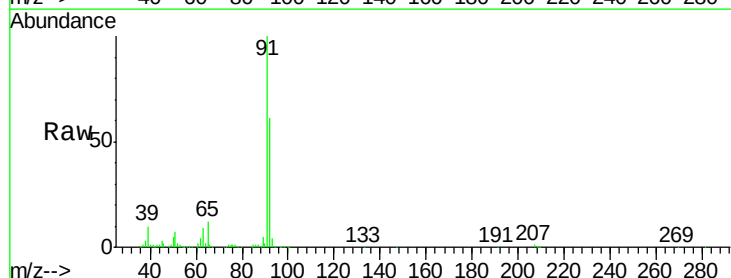
Manual Integrations
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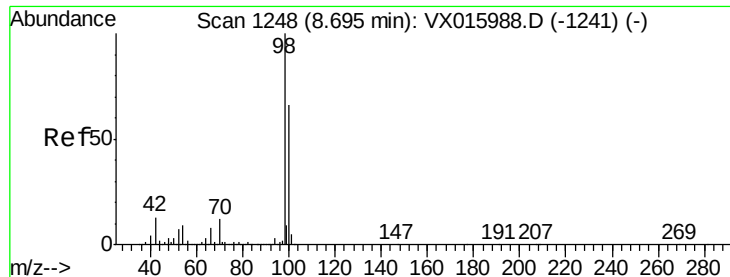
MMDadoda
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#62
Toluene
Concen: 18.073 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.9	47.2	70.8





#63

Toluene-d8

Concen: 30.176 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 357720

Ion Ratio Lower Upper

98 100

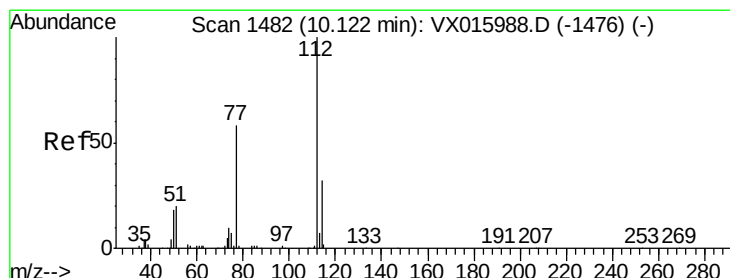
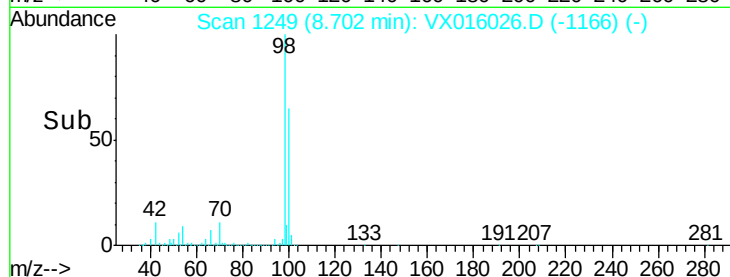
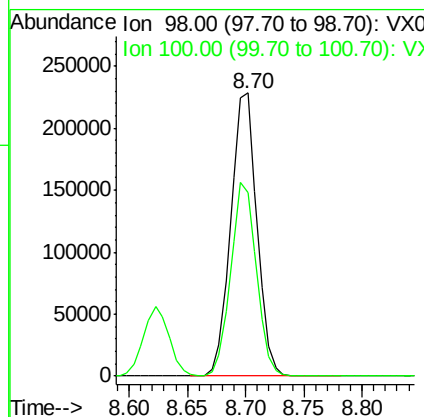
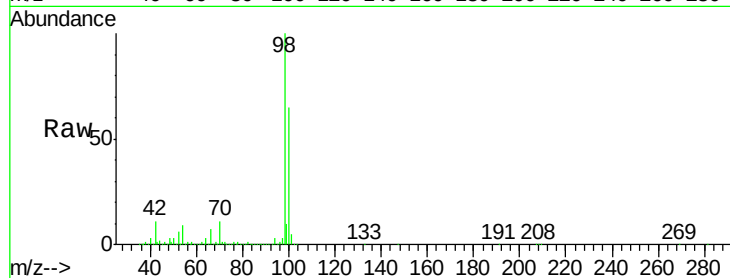
100 67.0 52.5 78.7

Manual Integrations

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#64

Chlorobenzene

Concen: 17.693 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016026.D

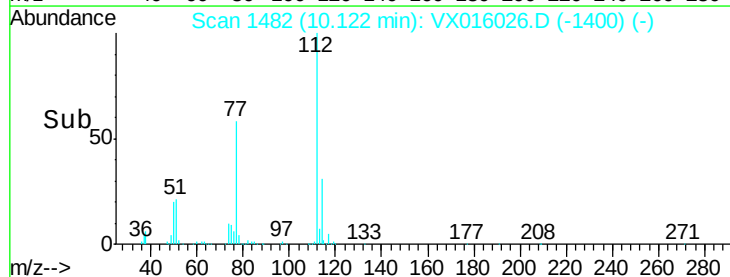
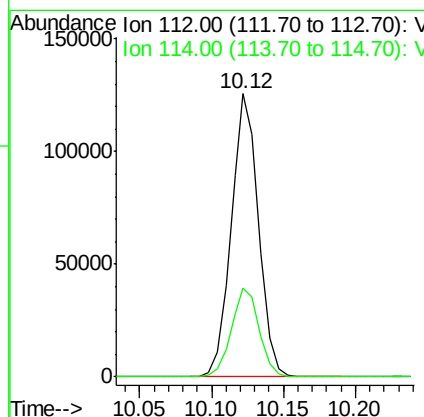
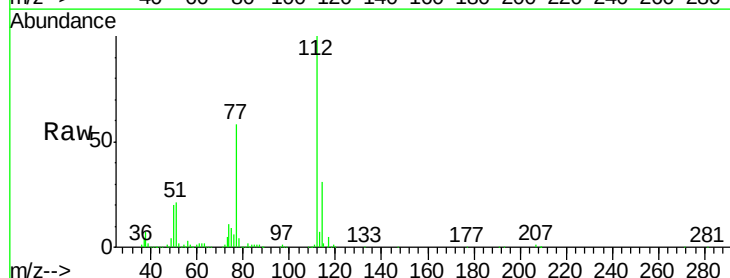
Acq: 01 May 2020 20:49

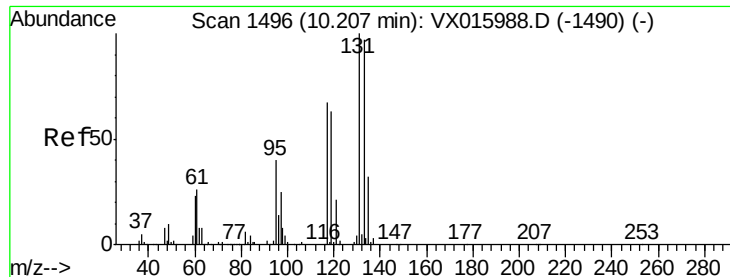
Tgt Ion: 112 Resp: 166314

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.246 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

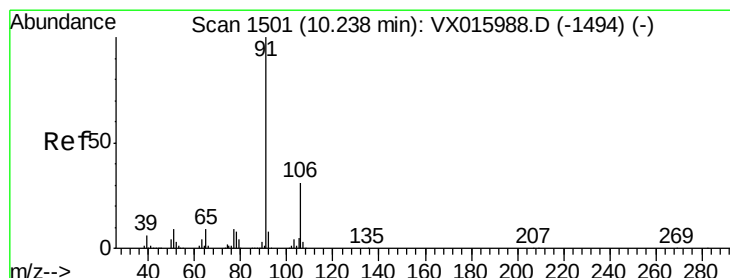
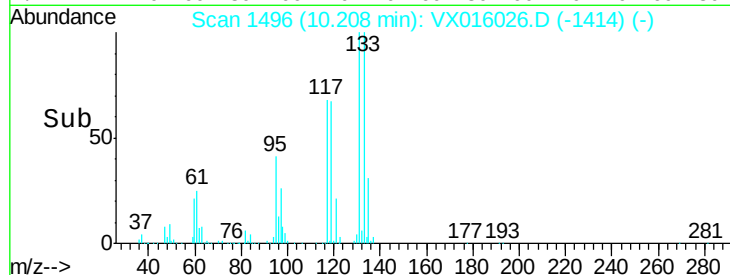
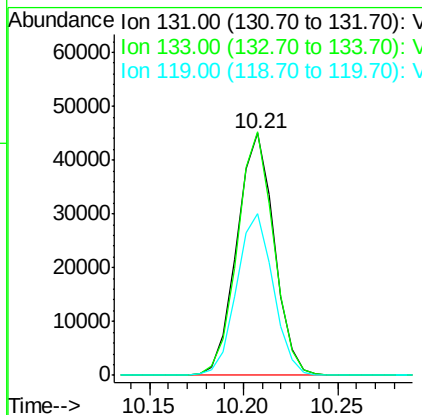
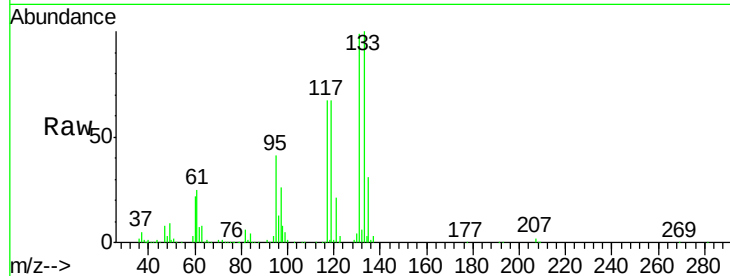
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	61543
Ion	Ratio	Lower	Upper
131	100		
133	97.7	0.0	187.0
119	66.0	0.0	129.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 17.910 ug/l

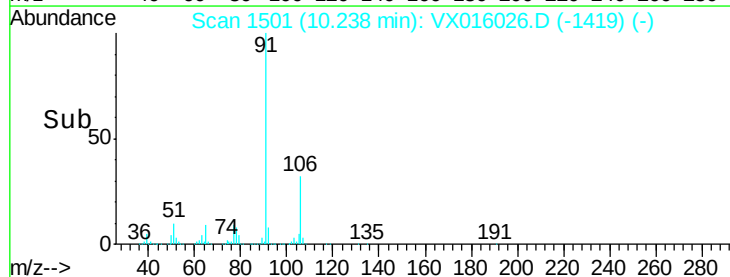
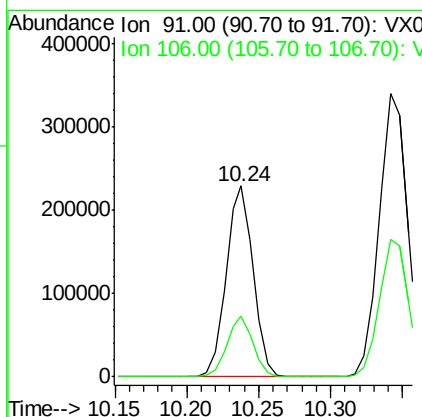
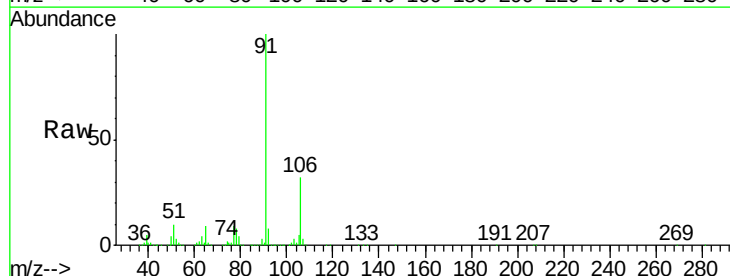
RT: 10.24 min Scan# 1501

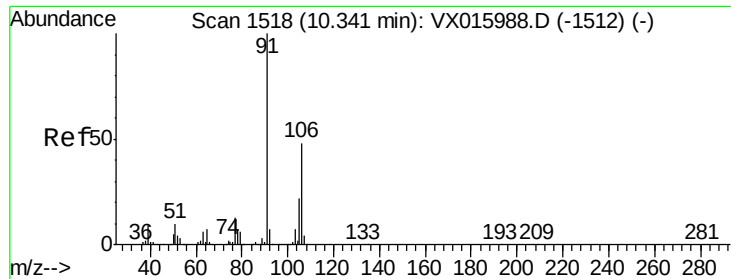
Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	91	Resp:	301086
Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.8	37.2





#67

m/p-Xylenes

Concen: 35.209 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 225482

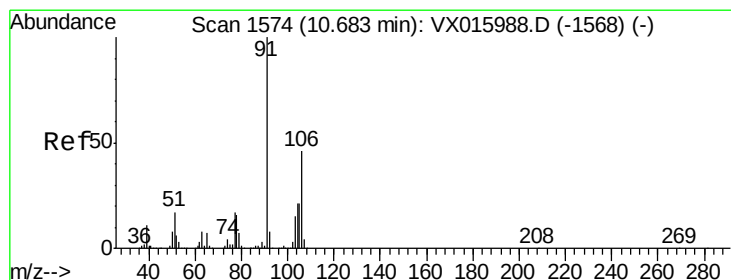
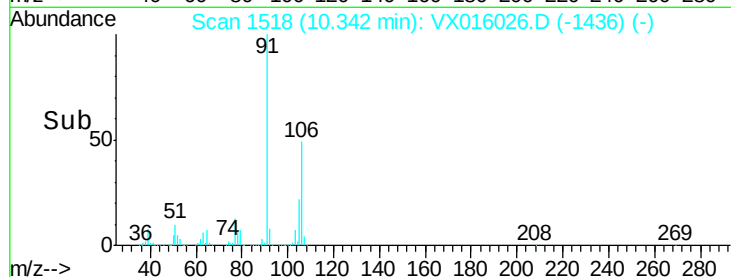
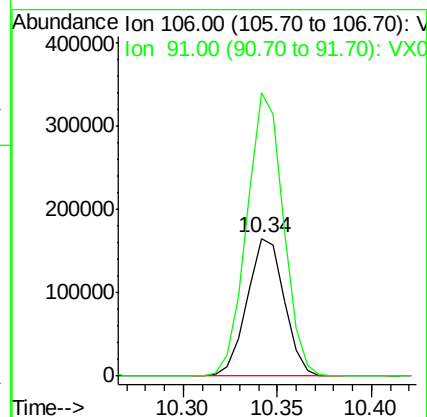
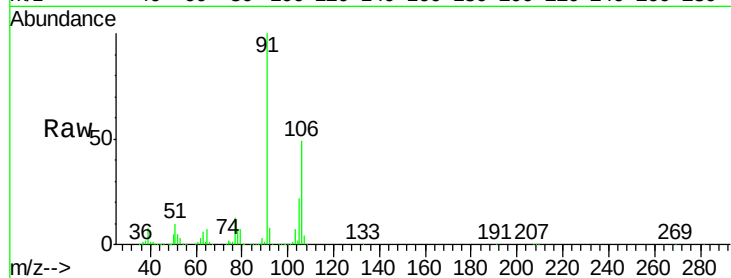
Ion Ratio Lower Upper

106 100

91 203.5 164.2 246.4

Manual Integrations
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#68

o-Xylene

Concen: 17.534 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016026.D

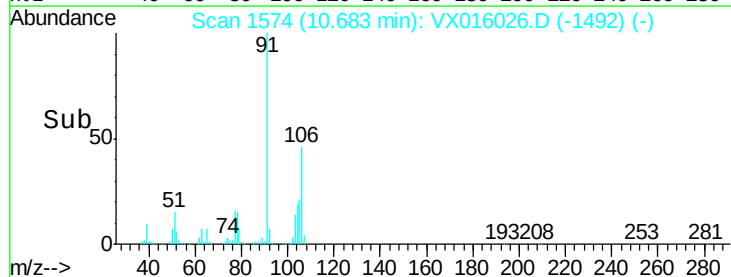
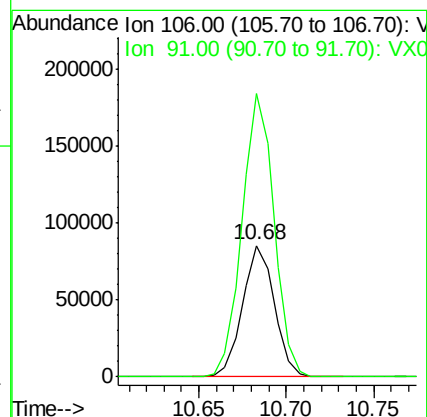
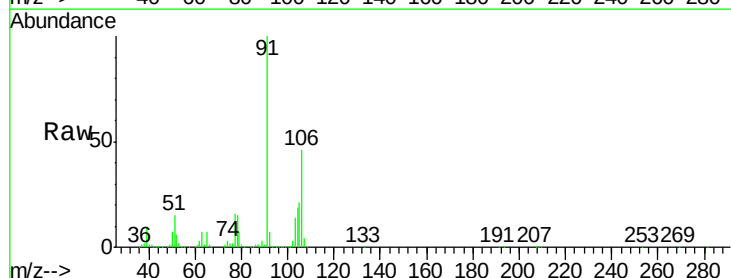
Acq: 01 May 2020 20:49

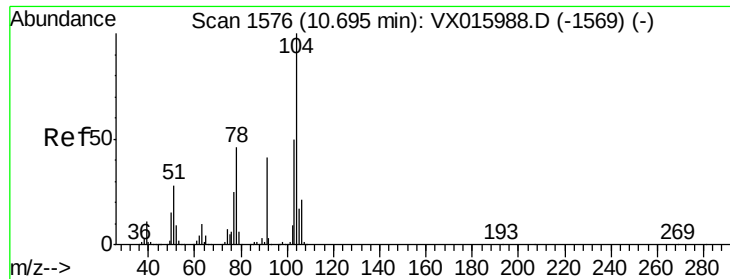
Tgt Ion:106 Resp: 108280

Ion Ratio Lower Upper

106 100

91 215.7 108.3 325.0





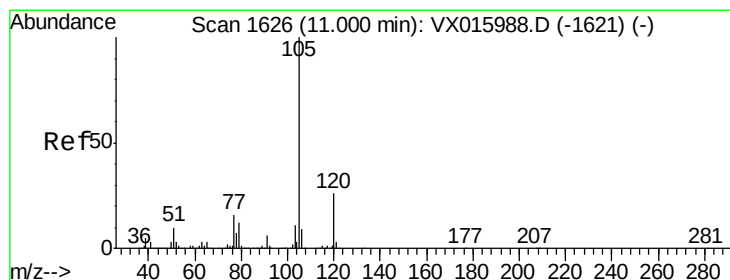
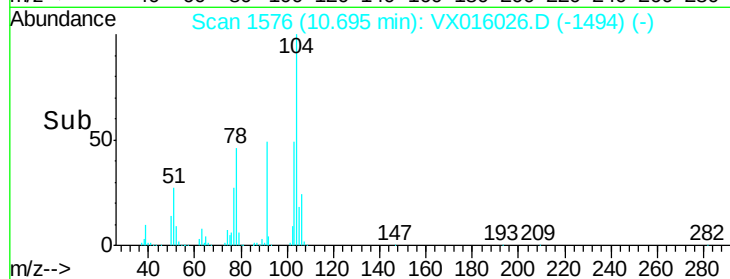
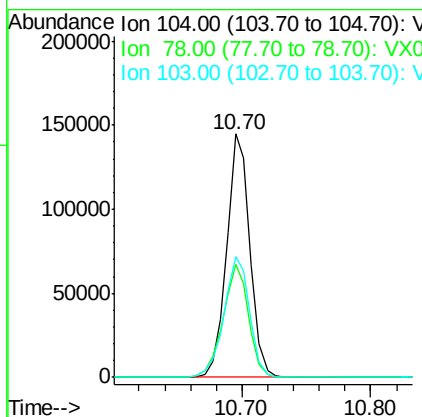
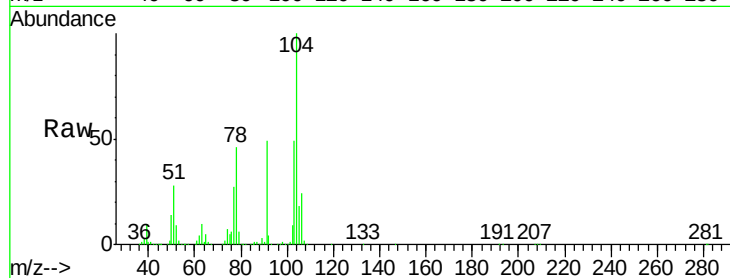
#69
Stvrene
Concen: 17.388 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	183781		
78	50.9	40.7	61.1	
103	54.7	43.0	64.4	

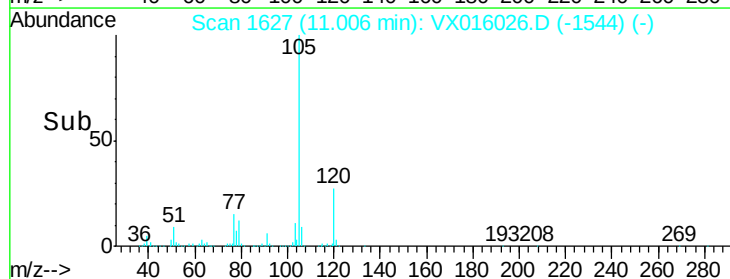
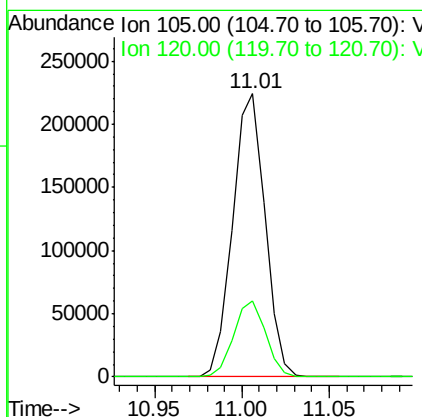
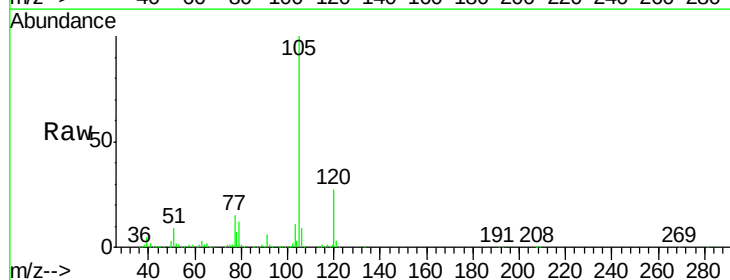
Manual Integrations
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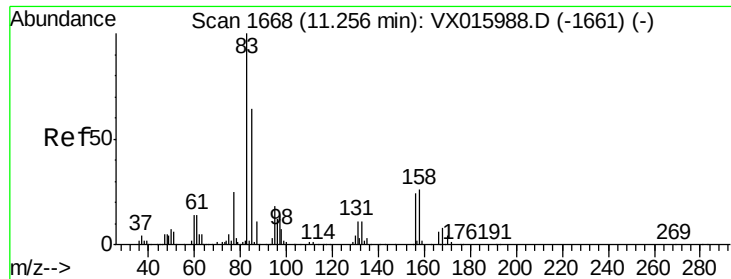
MMDadoda
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#70
Isopropylbenzene
Concen: 17.309 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288593		
120	26.4	18.6	34.5	





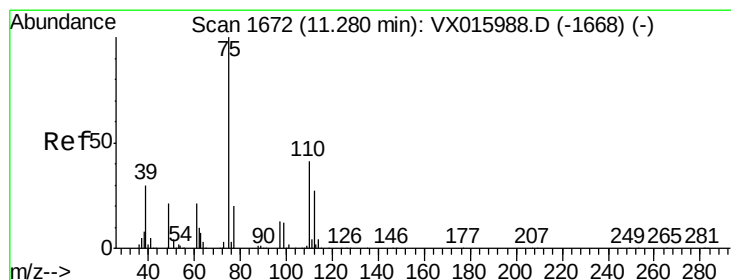
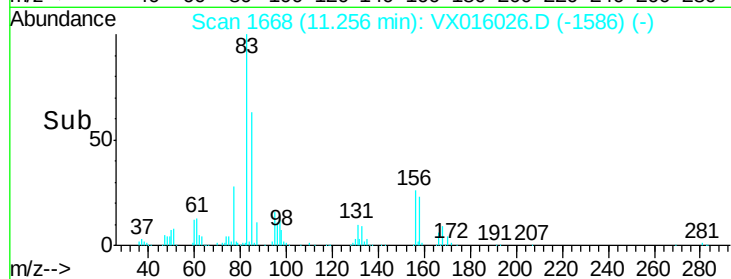
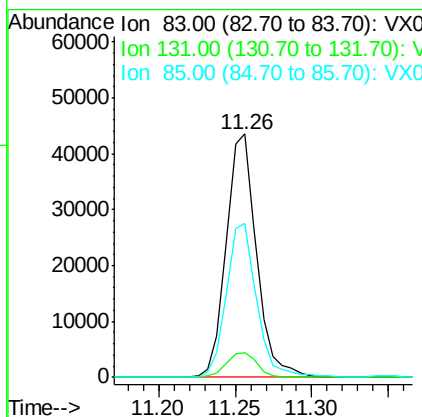
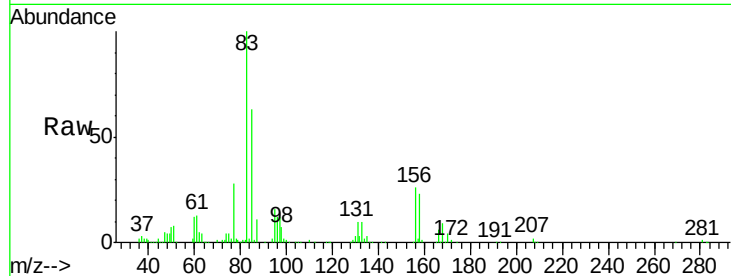
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.272 ug/l
 RT: 11.26 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	63.4	33.0	98.9

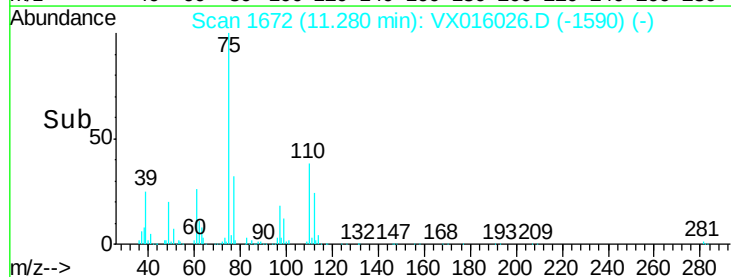
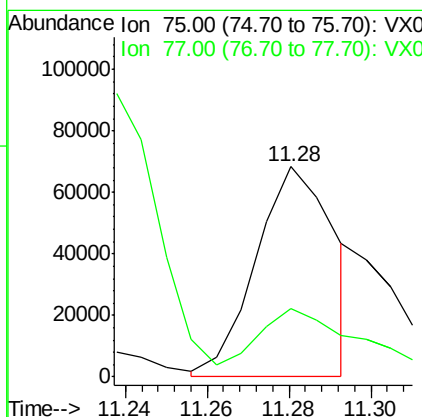
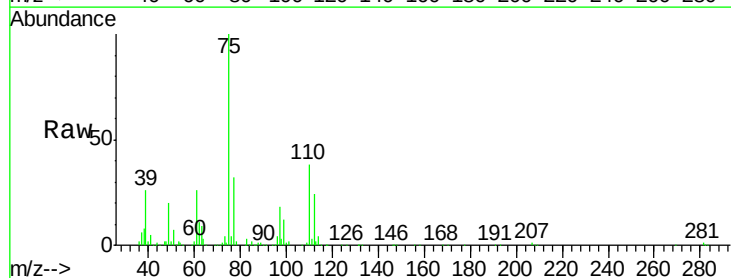
Manual Integrations
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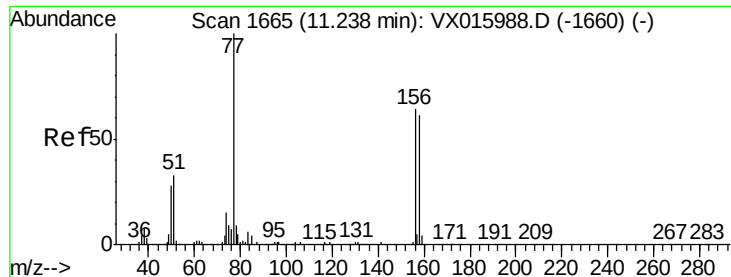
MMDadoda
 5/4/2020 2:20:10 PM



#72
 1,2,3-Trichloropropane
 Concen: 18.100 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	43.1	0.0	86.0





#73

Bromobenzene

Concen: 17.433 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

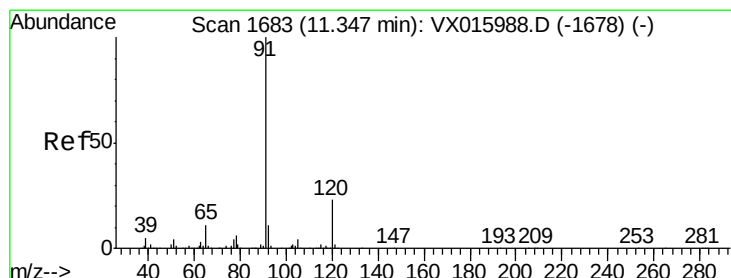
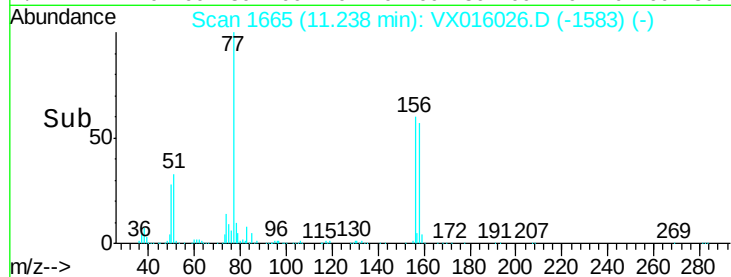
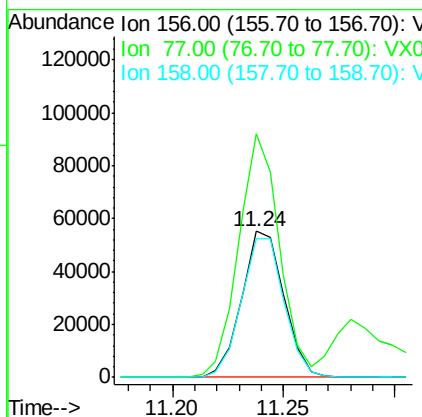
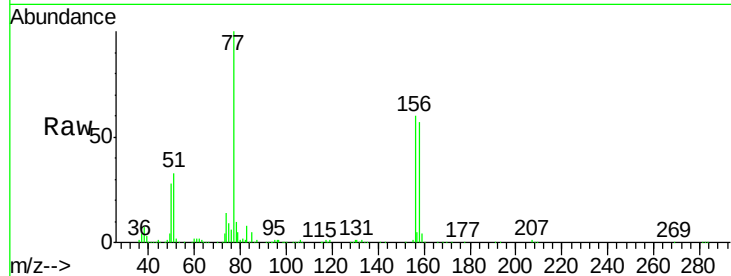
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	73245
Ion Ratio	Lower	Upper	
156	100		
77	160.6	0.0	318.0
158	96.7	0.0	193.2

Manual Integrations
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#74

n-propylbenzene

Concen: 17.220 ug/l

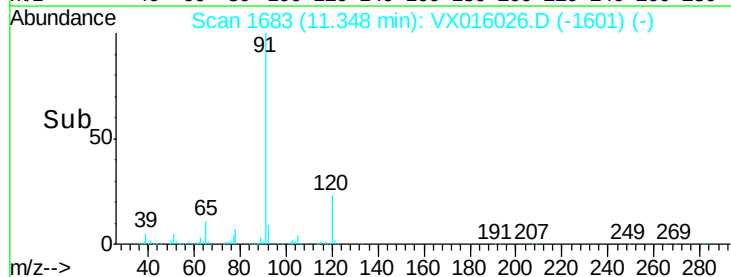
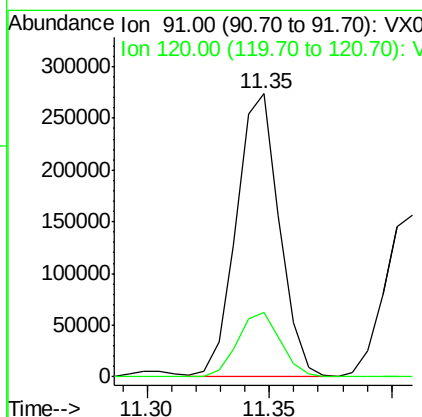
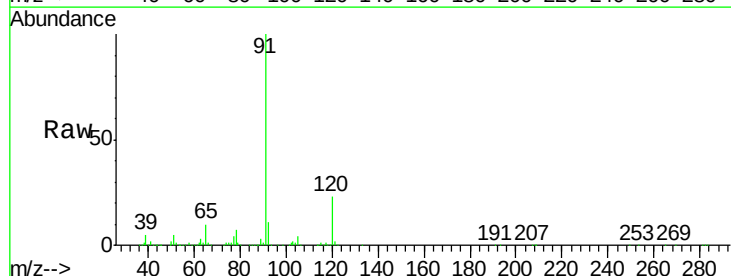
RT: 11.35 min Scan# 1683

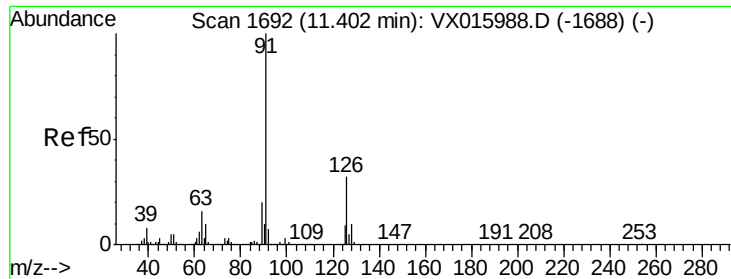
Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	91	Resp:	333494
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	45.4





#75

2-Chlorotoluene

Concen: 17.426 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 198321

Ion Ratio Lower Upper

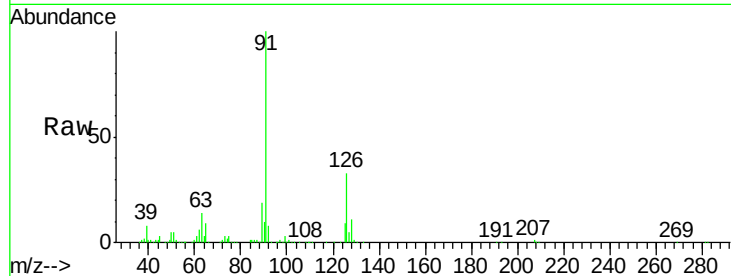
91 100

126 33.6 0.0 66.2

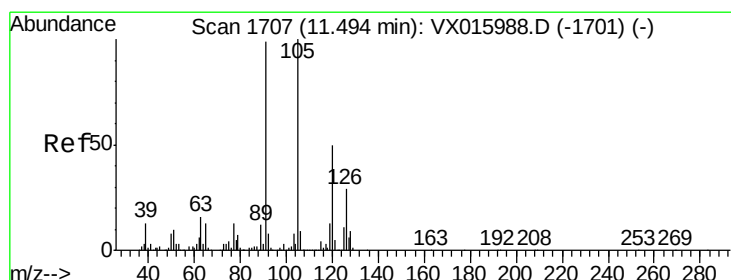
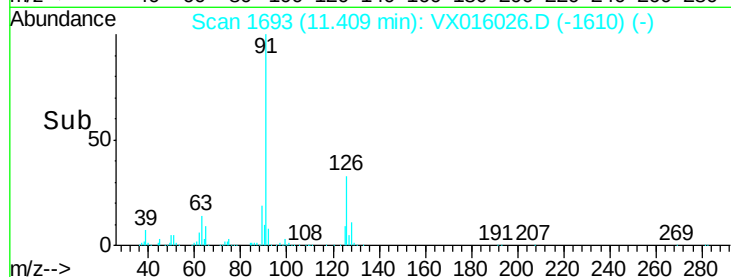
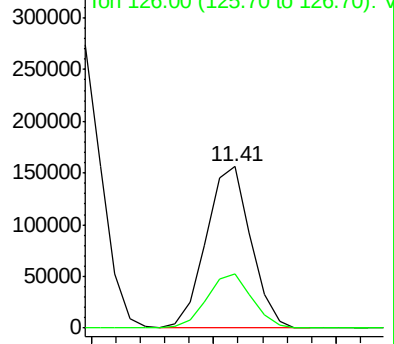
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.236 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016026.D

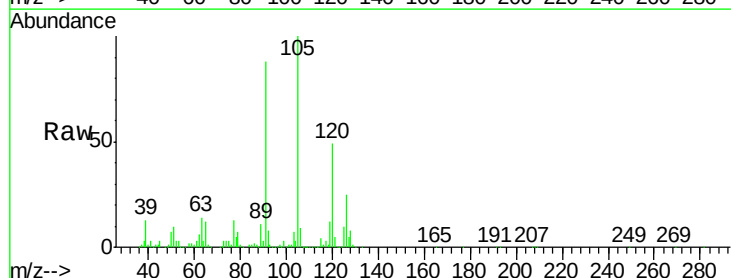
Acq: 01 May 2020 20:49

Tgt Ion: 105 Resp: 243945

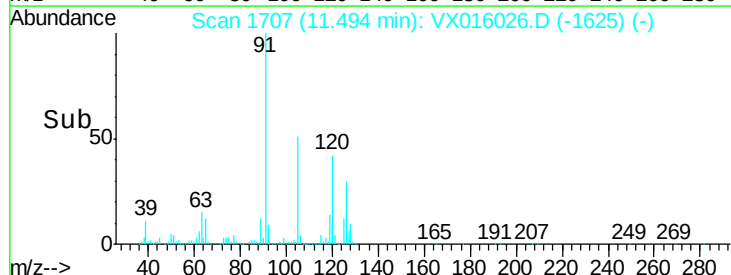
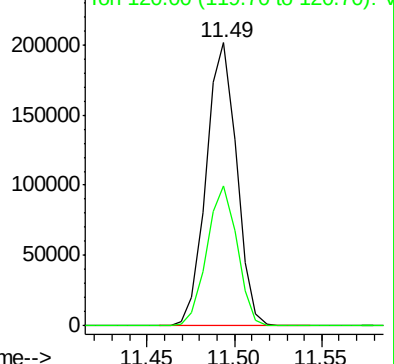
Ion Ratio Lower Upper

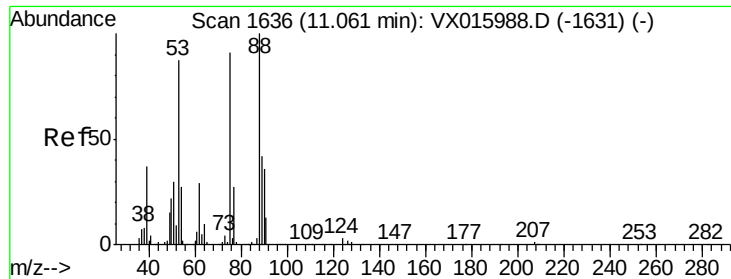
105 100

120 49.2 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)





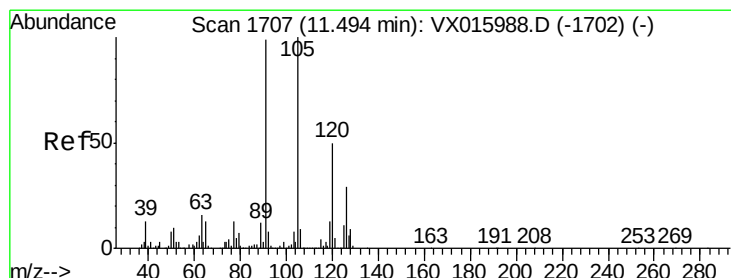
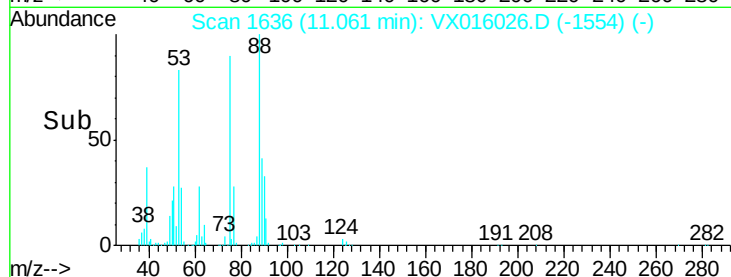
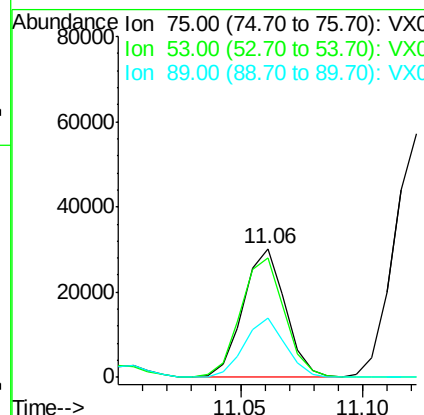
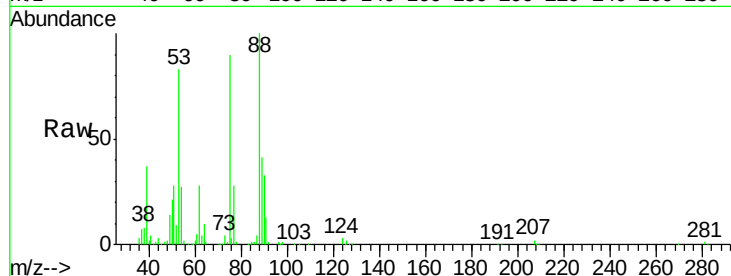
#77
t-1,4-Dichloro-2-butene
Concen: 16.807 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.6	48.0	144.2
89	45.8	23.4	70.3

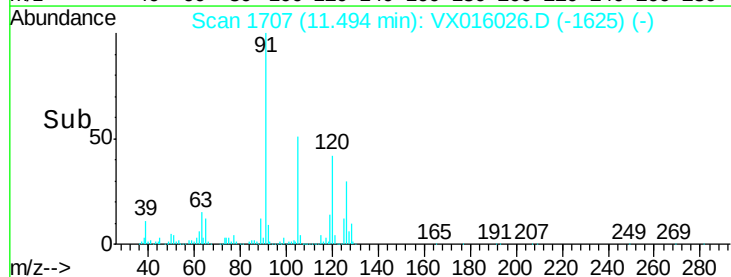
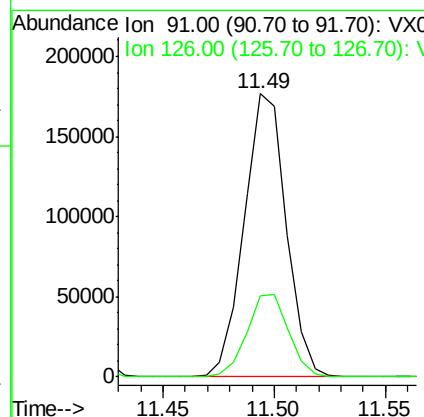
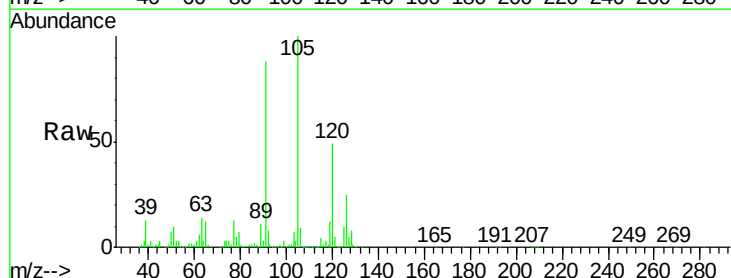
Manual Integrations
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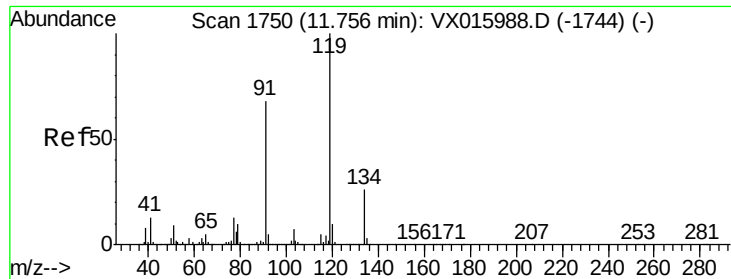
MMDadoda
5/4/2020 2:20:10 PM



#78
4-Chlorotoluene
Concen: 17.272 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	0.0	58.4





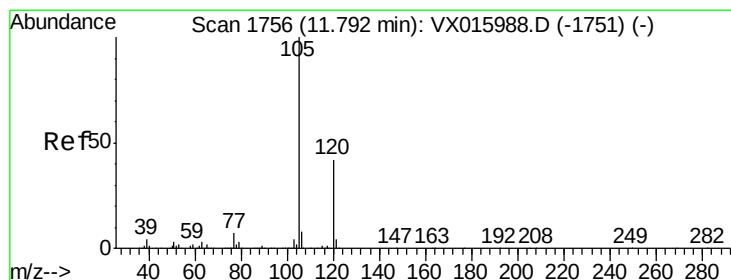
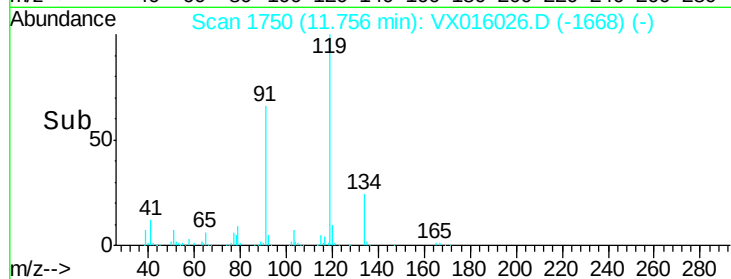
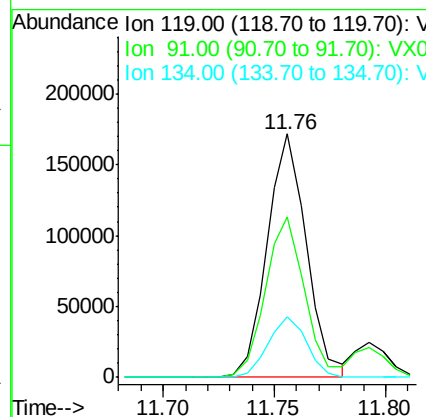
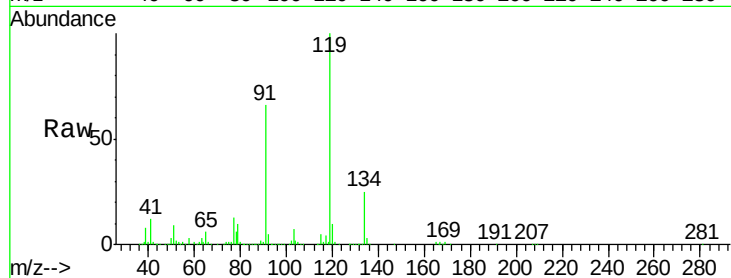
#79
tert-butylbenzene
Concen: 17.327 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209434		
91	64.8	0.0	135.6	
134	24.4	0.0	51.0	

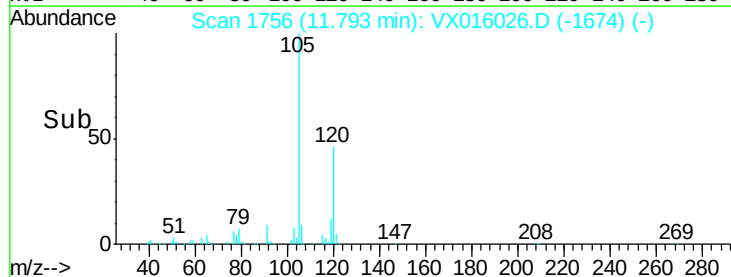
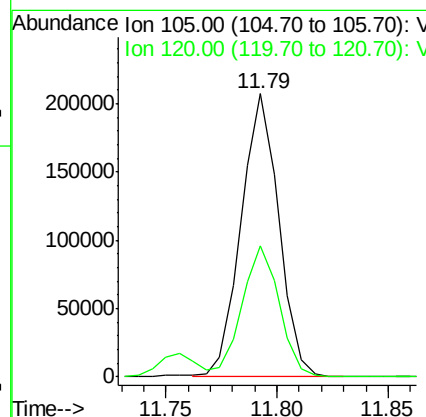
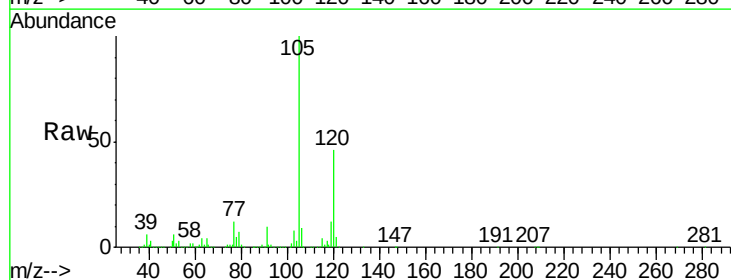
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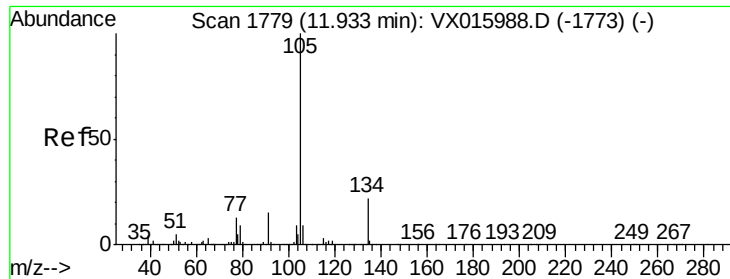
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.315 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244819		
120	45.7	0.0	91.0	





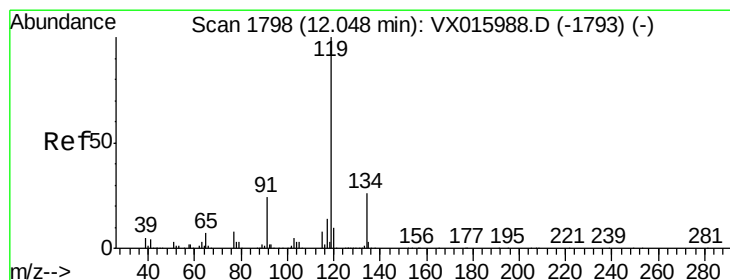
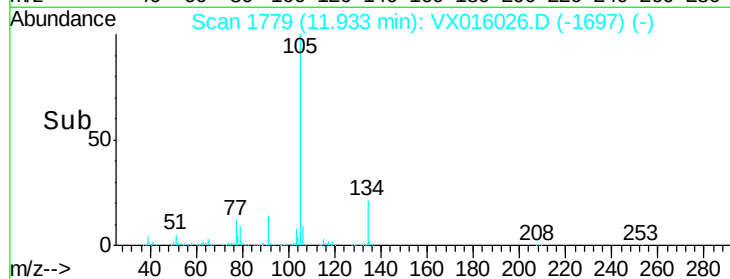
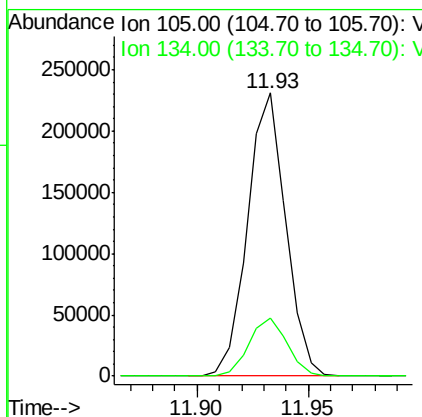
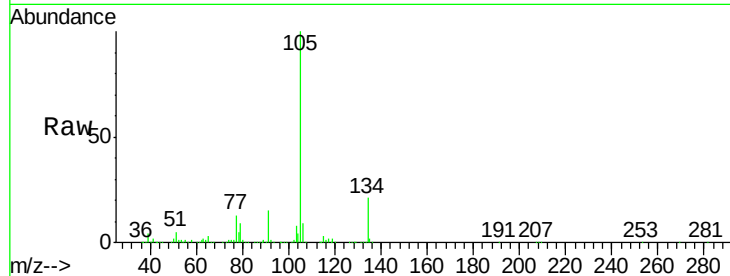
#81
 sec-Butylbenzene
 Concen: 16.965 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	276577		
134	20.5	0.0	41.2	

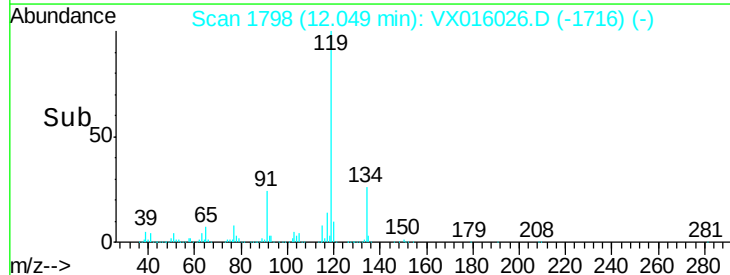
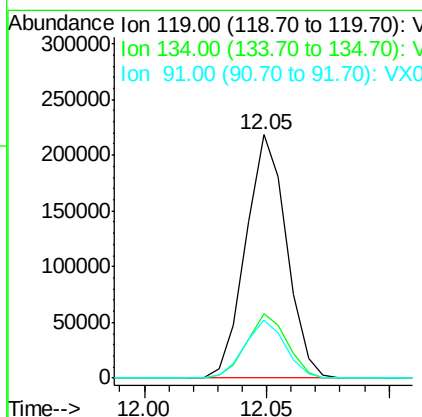
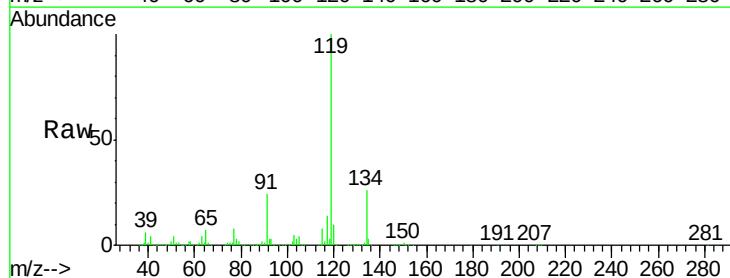
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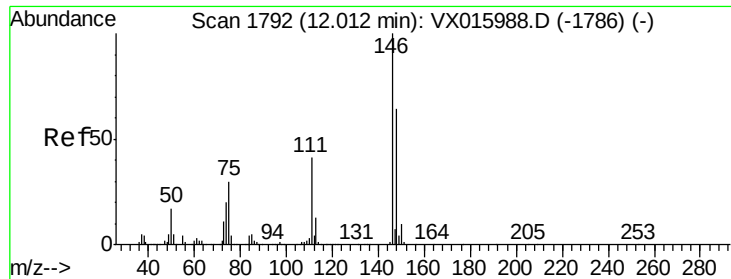
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 16.654 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	251602		
134	26.4	0.0	52.6	
91	23.5	0.0	47.6	





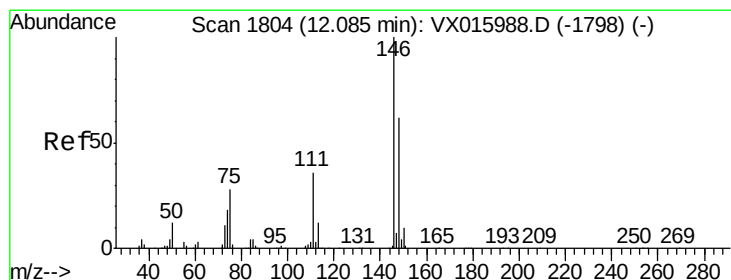
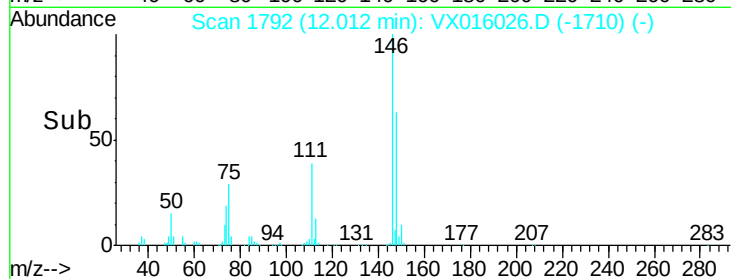
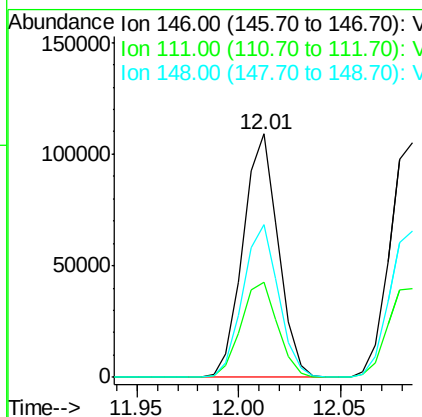
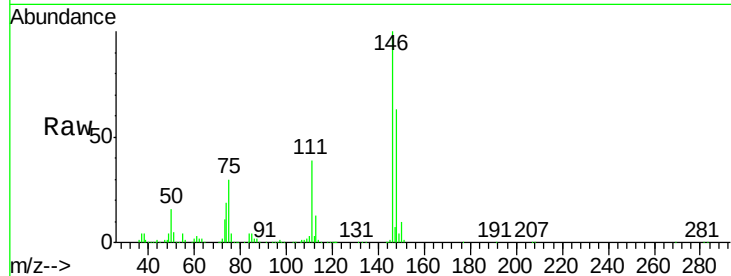
#83
 1,3-Dichlorobenzene
 Concen: 17.235 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.3
148	63.4	31.9	95.9

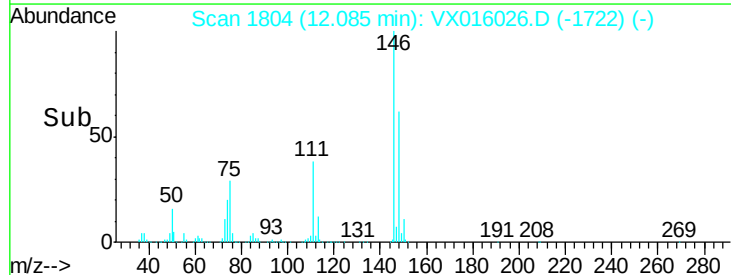
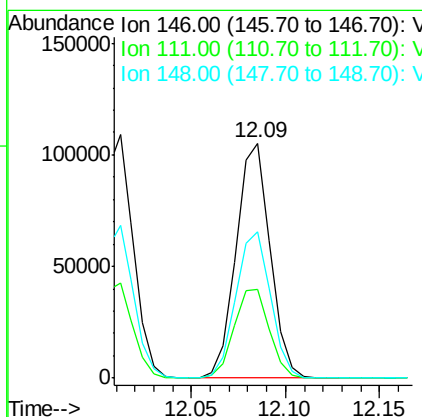
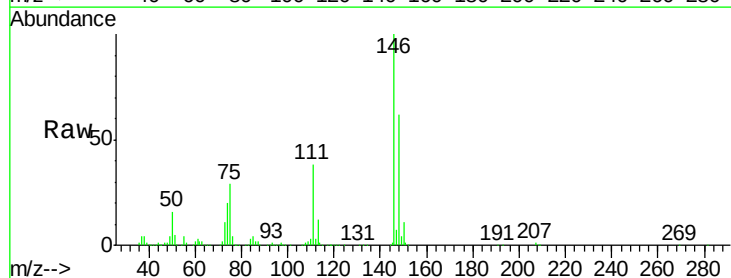
Manual Integrations
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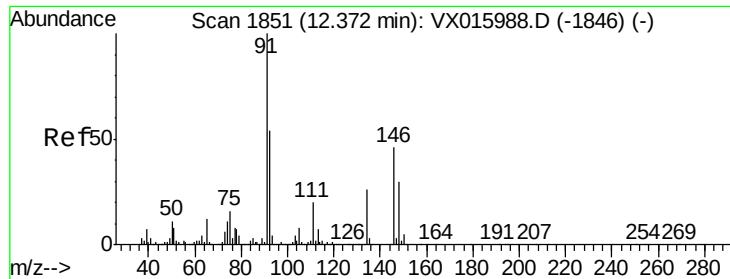
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#84
 1,4-Dichlorobenzene
 Concen: 17.483 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	63.7	32.0	96.0





#85

n-Butylbenzene

Concen: 16.299 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Instrument :

MSVOA_X

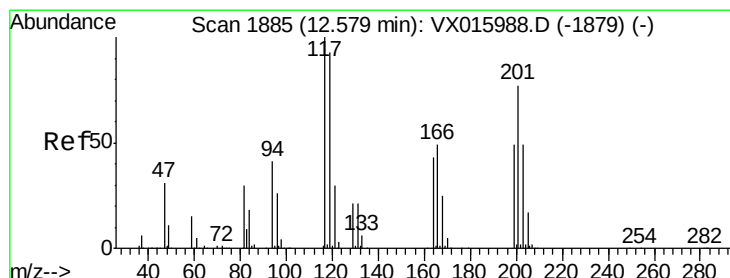
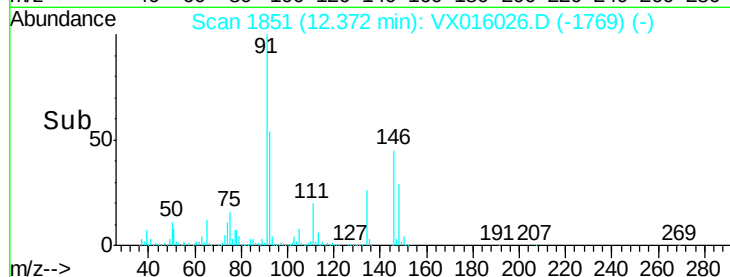
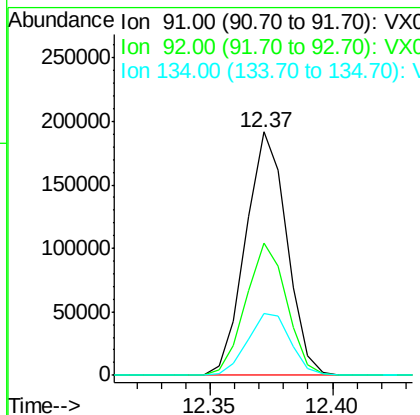
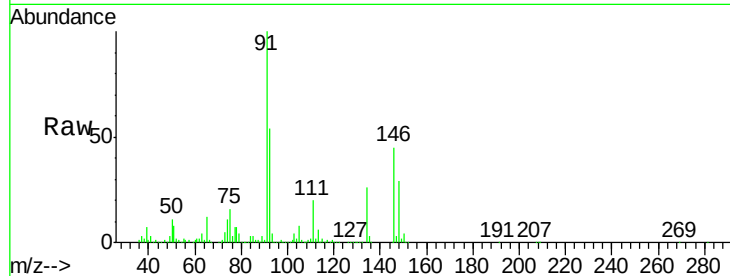
ClientSampled :

VSTDCCC020EC

Tot Ion:	91	Resp:	224928
Ion	Ratio	Lower	Upper
91	100		
92	53.8	0.0	110.2
134	26.7	0.0	53.4

Manual Integrations
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#86

Hexachloroethane

Concen: 16.611 ug/l

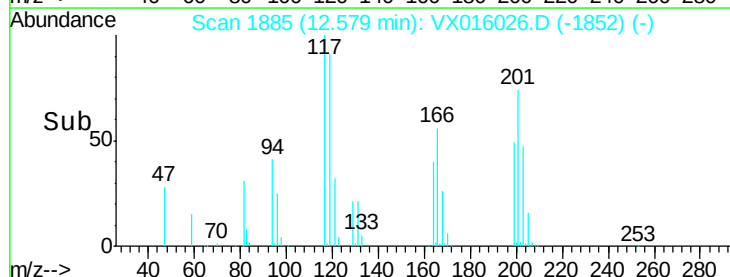
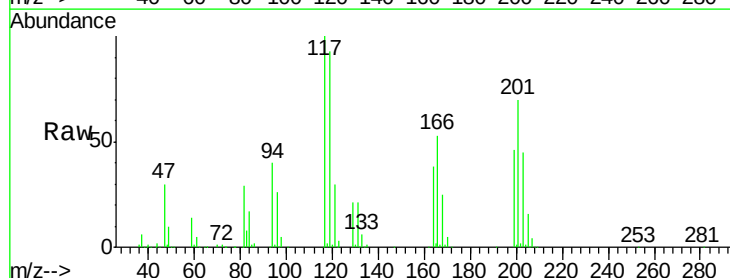
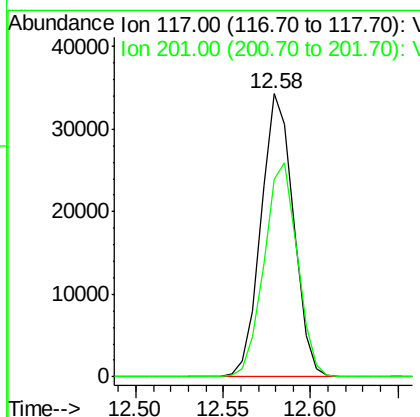
RT: 12.58 min Scan# 1885

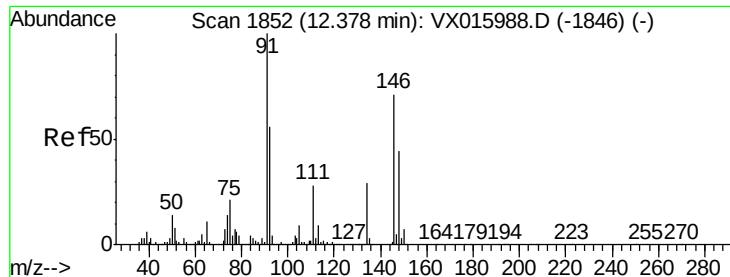
Delta R.T. 0.00 min

Lab File: VX016026.D

Acq: 01 May 2020 20:49

Tgt Ion:	117	Resp:	44179
Ion	Ratio	Lower	Upper
117	100		
201	77.6	40.1	120.2





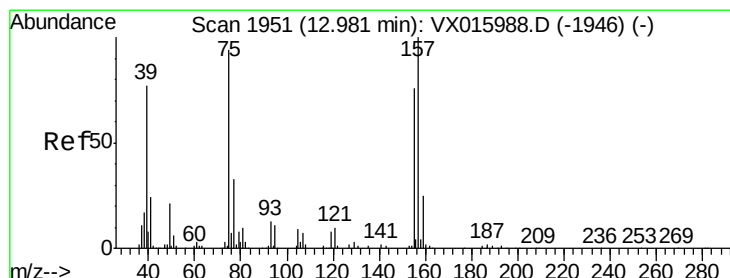
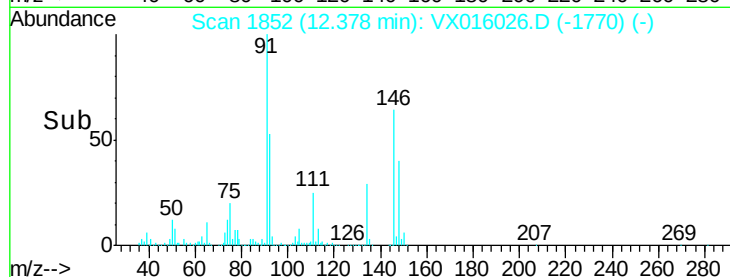
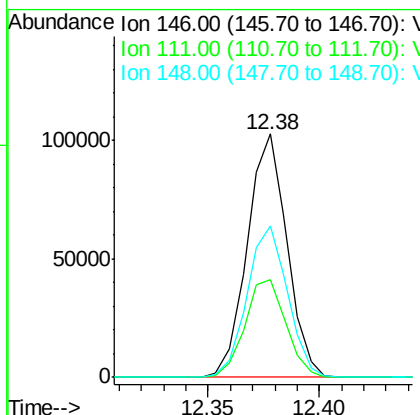
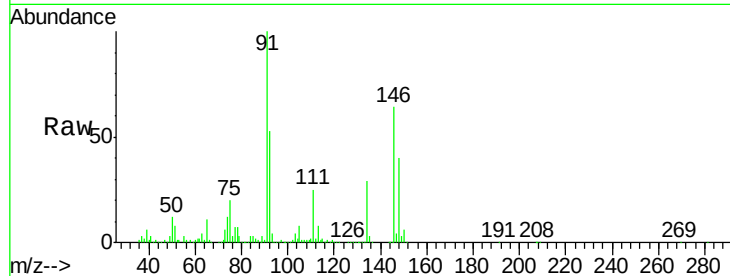
#87
 1,2-Dichlorobenzene
 Concen: 17.449 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	63.2	32.0	96.2

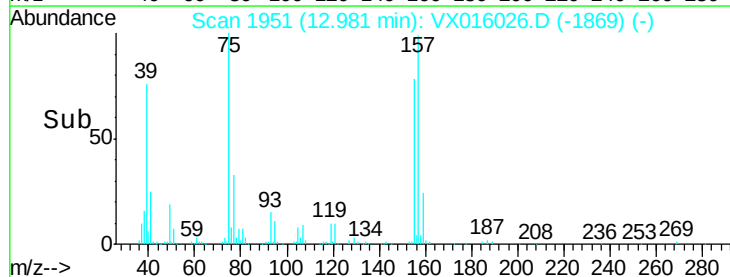
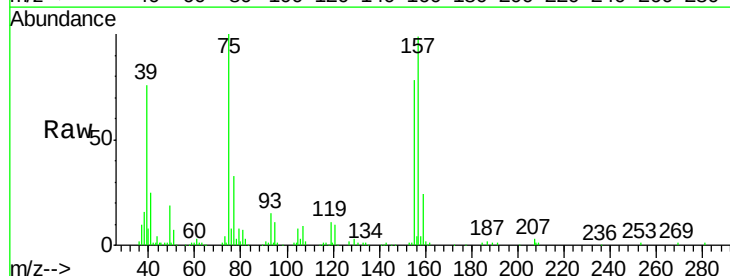
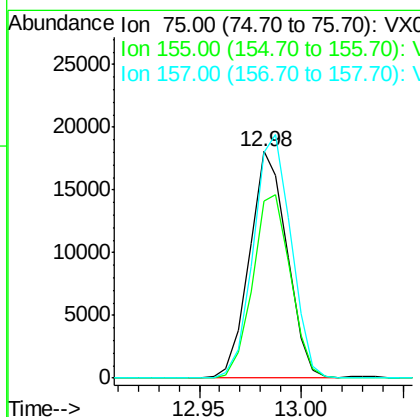
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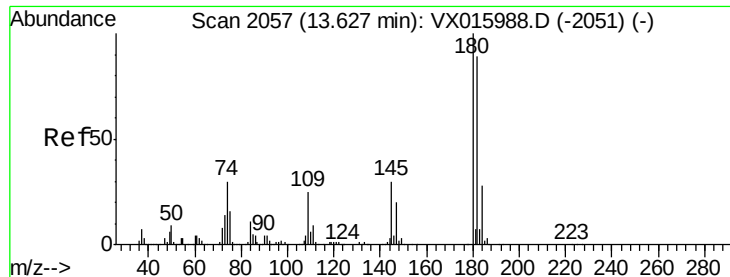
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.901 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	66.9	100.3
157	107.5	88.2	132.2





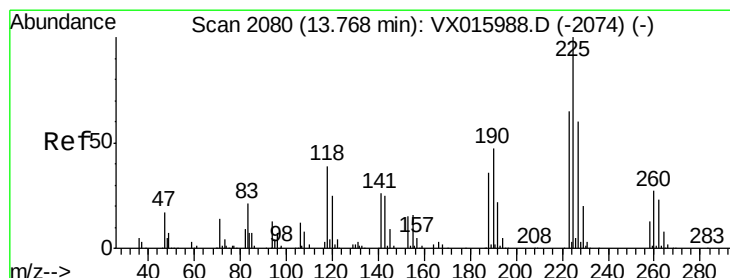
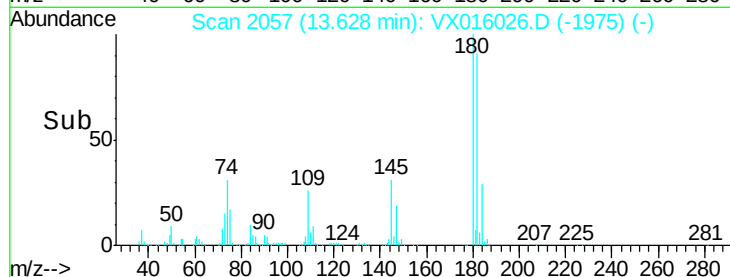
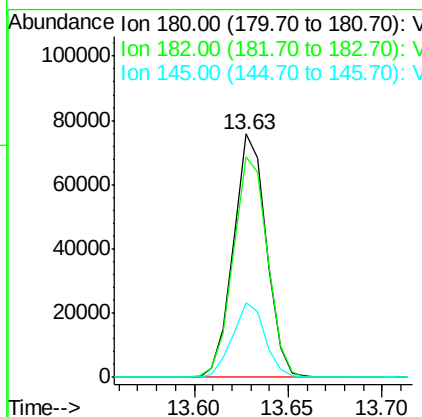
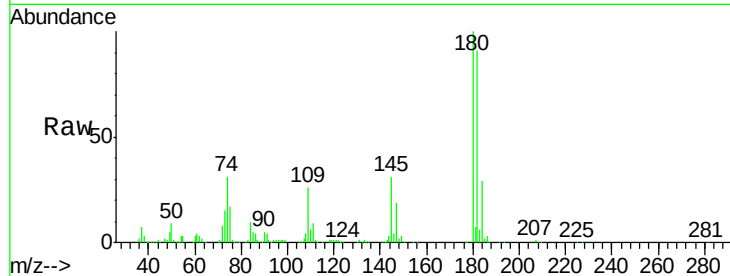
#89
 1,2,4-Trichlorobenzene
 Concen: 17.080 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.0	112.6
145	30.3	23.9	35.9

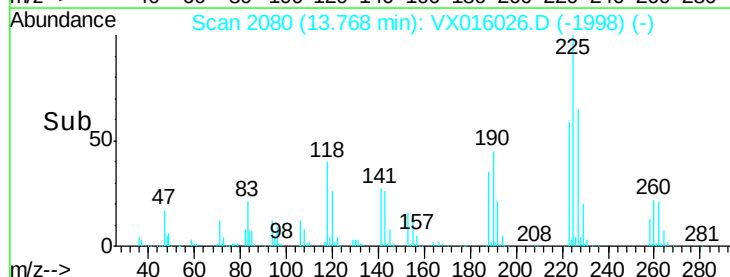
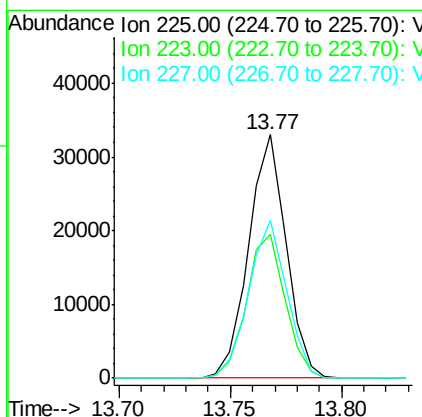
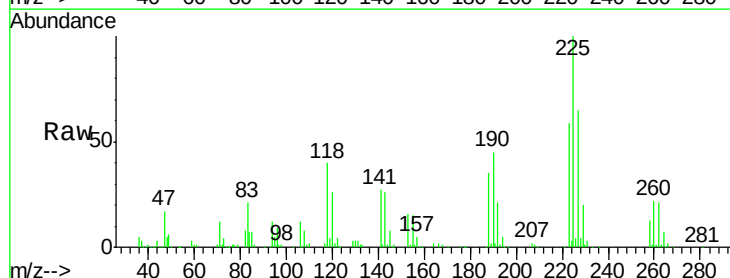
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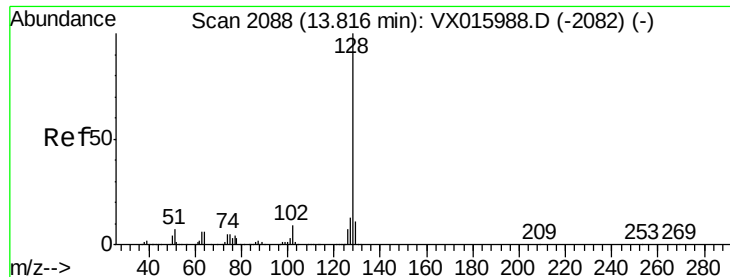
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#90
 Hexachlorobutadiene
 Concen: 16.749 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016026.D
 Acq: 01 May 2020 20:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	0.0	123.6
227	66.2	0.0	123.6





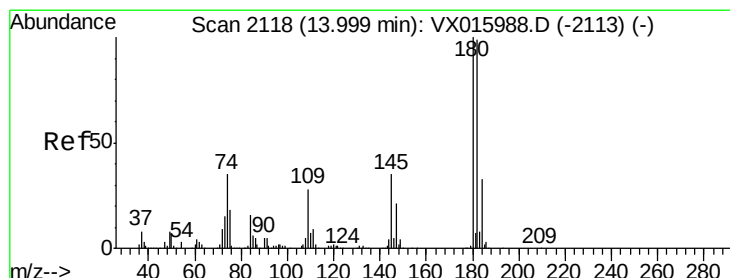
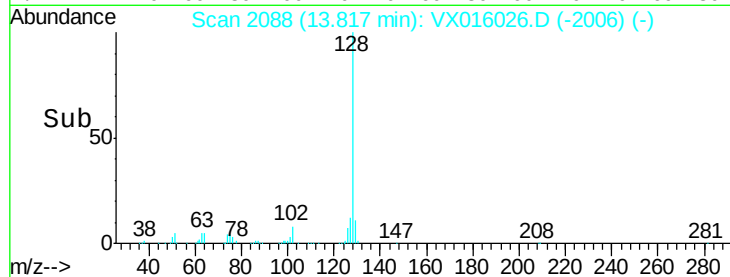
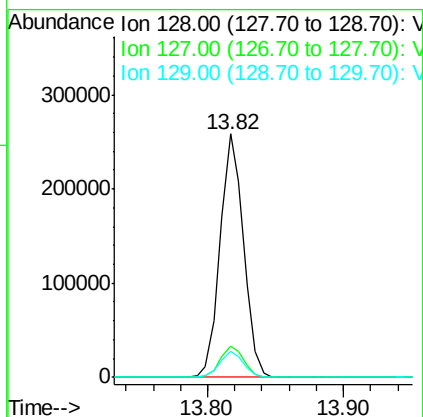
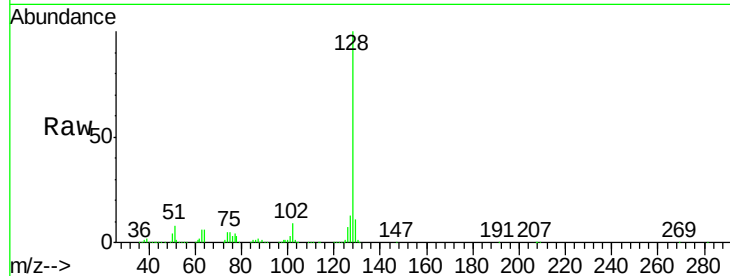
#91
Naphthalene
Concen: 17.932 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128	Resp:	308064
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.5 15.7
129	10.9	8.6 13.0

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#92
1,2,3-Trichlorobenzene
Concen: 17.661 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016026.D
Acq: 01 May 2020 20:49

Tgt Ion:180	Resp:	91558
Ion Ratio	Lower	Upper
180	100	
182	93.9	0.0 197.2
145	32.6	0.0 66.0

