

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016296.D
 Acq On : 18 May 2020 13:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 1:38:41 PM

Quant Time: May 19 01:17:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	312262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182203	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
35) Dibromofluoromethane	5.46	113	151979	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.70	98	577690	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.12	95	227762	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	174197	52.704	ug/l	99
3) Chloromethane	1.31	50	183283	47.749	ug/l	99
4) Vinyl Chloride	1.39	62	210426	51.383	ug/l	99
5) Bromomethane	1.62	94	88684	42.955	ug/l	98
6) Chloroethane	1.70	64	130750	52.473	ug/l	98
7) Trichlorofluoromethane	1.91	101	290705	54.070	ug/l	99
8) Diethyl Ether	2.17	74	122999	54.297	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	166826	53.782	ug/l	98
10) Methyl Iodide	2.49	142	161868	38.850	ug/l	98
11) Tert butyl alcohol	3.01	59	257842	248.146	ug/l	100
12) 1,1-Dichloroethene	2.36	96	170624	52.564	ug/l	98
13) Acrolein	2.27	56	223506	343.741	ug/l	99
14) Allyl chloride	2.70	41	307757	51.709	ug/l	96
15) Acrylonitrile	3.11	53	563227	261.290	ug/l	99
16) Acetone	2.42	43	456155	248.800	ug/l	97
17) Carbon Disulfide	2.54	76	475979	48.824	ug/l	98
18) Methyl Acetate	2.75	43	248523	55.130	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	629664	56.271	ug/l	100
20) Methylene Chloride	2.83	84	195994	51.856	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	190967	52.793	ug/l	94
22) Diisopropyl ether	3.82	45	600197	53.454	ug/l	98
23) Vinyl Acetate	3.78	43	2623193	265.548	ug/l	98
24) 1,1-Dichloroethane	3.67	63	342980	54.606	ug/l	98
25) 2-Butanone	4.63	43	748356	253.304	ug/l	98
26) 2,2-Dichloropropane	4.55	77	318359	55.500	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	218975	55.373	ug/l	97
28) Bromochloromethane	4.98	49	125487	43.814	ug/l	94
29) Tetrahydrofuran	5.09	42	499637	255.232	ug/l	97
30) Chloroform	5.17	83	345425	55.234	ug/l	100
31) Cyclohexane	5.54	56	288964	50.622	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	311102	54.727	ug/l	98
36) 1,1-Dichloropropene	5.77	75	264670	55.531	ug/l	99
37) Ethyl Acetate	4.79	43	290971	52.673	ug/l	98
38) Carbon Tetrachloride	5.75	117	275093	56.785	ug/l	91

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Quant Time: May 19 01:17:47 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	268776	46.827	ug/l	98
40) Benzene	6.11	78	788015	56.507	ug/l	100
41) Methacrylonitrile	5.00	41	159095	53.329	ug/l	98
42) 1,2-Dichloroethane	6.16	62	270759	53.897	ug/l	98
43) Isopropyl Acetate	6.41	43	479457	54.398	ug/l	97
44) Trichloroethene	7.19	130	262676	53.019	ug/l	95
45) 1,2-Dichloropropane	7.49	63	204471	57.945	ug/l	99
46) Dibromomethane	7.63	93	135181	56.372	ug/l	97
47) Bromodichloromethane	7.87	83	284743	58.303	ug/l	99
48) Methyl methacrylate	7.74	41	227089	54.374	ug/l	95
49) 1,4-Dioxane	7.71	88	100348	1001.826	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1489737	276.205	ug/l	98
52) Toluene	8.76	92	507680	58.405	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	336783	57.836	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	355368	58.427	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	200483	58.622	ug/l	98
56) Ethyl methacrylate	9.16	69	335325	60.068	ug/l	94
57) 1,3-Dichloropropane	9.35	76	346305	58.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	807724	271.784	ug/l	98
59) 2-Hexanone	9.47	43	1147159	270.830	ug/l	96
60) Dibromochloromethane	9.57	129	230663	61.240	ug/l	99
61) 1,2-Dibromoethane	9.65	107	217125	58.613	ug/l	99
64) Tetrachloroethene	9.32	164	293500	53.714	ug/l	96
65) Chlorobenzene	10.12	112	545939	58.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	207977	60.376	ug/l	99
67) Ethyl Benzene	10.24	91	959967	57.729	ug/l	99
68) m/p-Xylenes	10.34	106	730666	117.278	ug/l	99
69) o-Xylene	10.68	106	353324	58.998	ug/l	98
70) Styrene	10.70	104	613150	60.350	ug/l	99
71) Bromoform	10.84	173	174261	62.092	ug/l #	97
73) Isopropylbenzene	11.00	105	922816	57.154	ug/l	99
74) N-amyl acetate	10.88	43	420128	55.785	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	221150	66.898	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	288297m	57.231	ug/l	
77) Bromobenzene	11.24	156	241446	57.934	ug/l	98
78) n-propylbenzene	11.34	91	1038106	55.267	ug/l	99
79) 2-Chlorotoluene	11.40	91	630170	56.837	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	760512	55.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	121742	57.593	ug/l	91
82) 4-Chlorotoluene	11.49	91	745017	56.902	ug/l	99
83) tert-Butylbenzene	11.76	119	638005	54.305	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	767972	55.721	ug/l	100
85) sec-Butylbenzene	11.93	105	794176	50.066	ug/l	100
86) p-Isopropyltoluene	12.05	119	753902	51.189	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	420329	56.171	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	422061	55.570	ug/l	98
89) n-Butylbenzene	12.37	91	634876	47.187	ug/l	100
90) Hexachloroethane	12.58	117	129082	51.034	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	411551	57.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70055	52.766	ug/l	92

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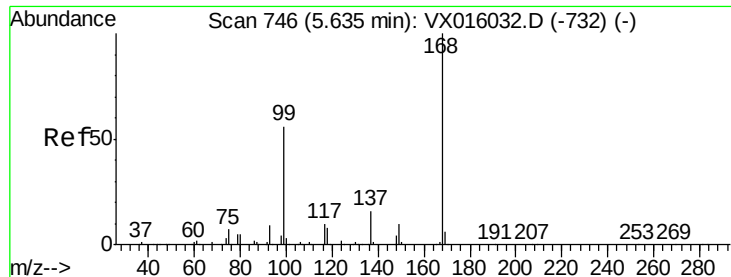
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	284134	53.262	ug/l	97
94) Hexachlorobutadiene	13.77	225	109468	47.680	ug/l	97
95) Naphthalene	13.82	128	964817	55.855	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	272662	52.298	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 312262

Ion Ratio Lower Upper

168 100

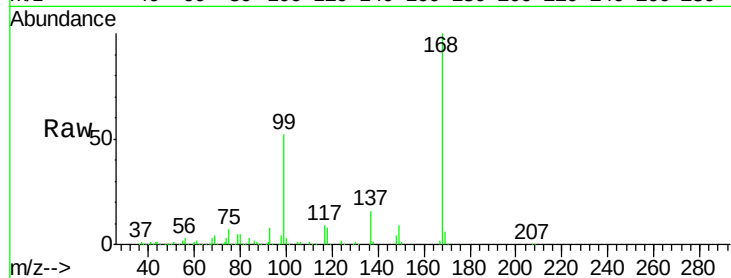
99 51.5 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

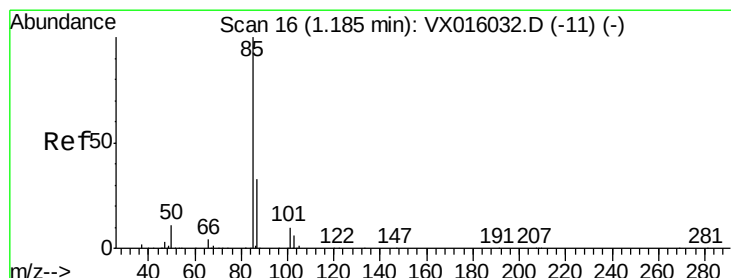
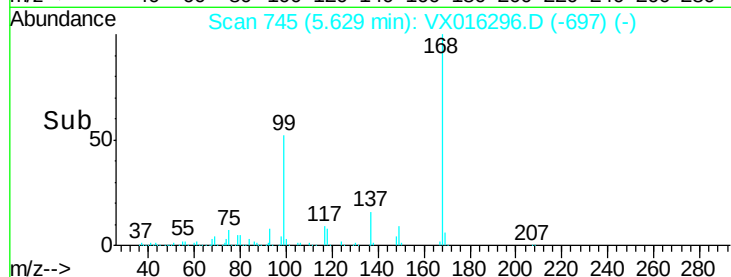
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.704 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016296.D

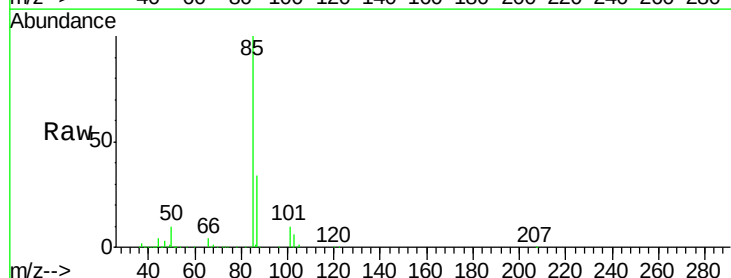
Acq: 18 May 2020 13:57

Tgt Ion: 85 Resp: 174197

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

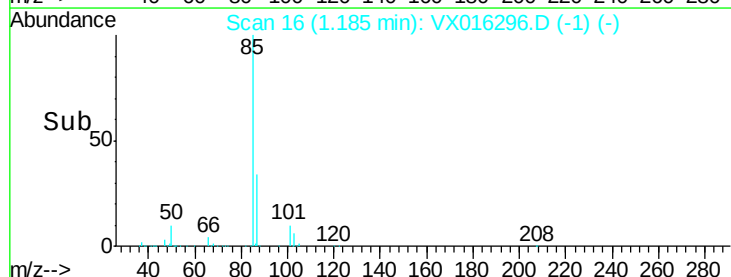
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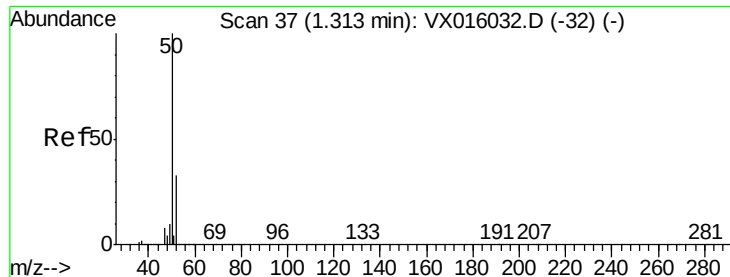
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50000

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Time-->





#3

Chloromethane

Concen: 47.749 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 183283

Ion Ratio Lower Upper

50 100

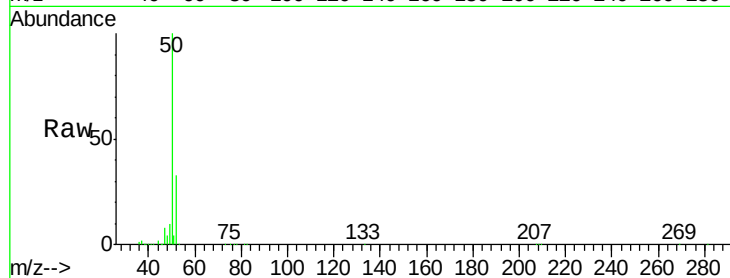
52 33.2 26.1 39.1

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

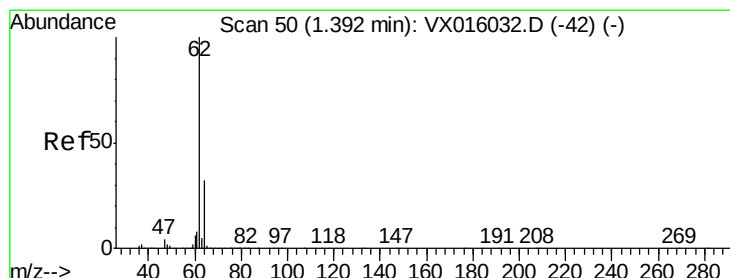
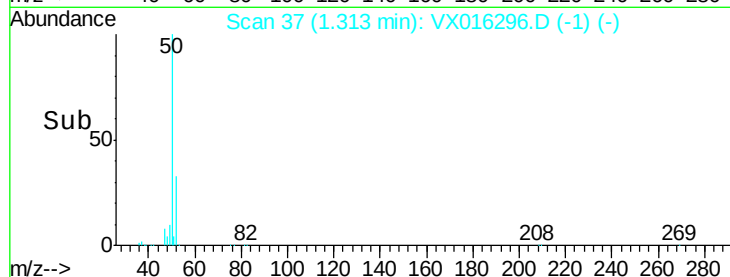
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.383 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016296.D

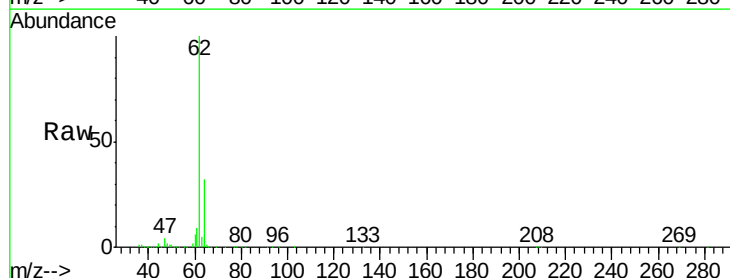
Acq: 18 May 2020 13:57

Tgt Ion: 62 Resp: 210426

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

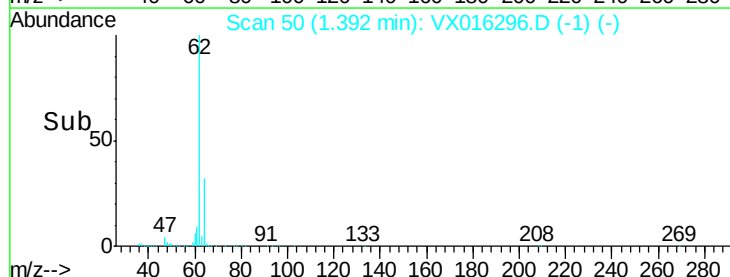
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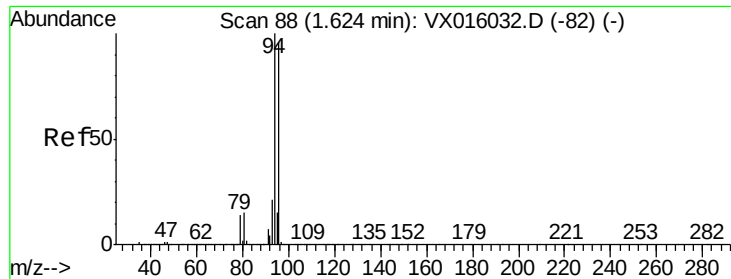
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.955 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tot Ion: 94 Resp: 88684

Ion Ratio Lower Upper

94 100

96 94.0 76.9 115.3

Instrument :

MSVOA_X

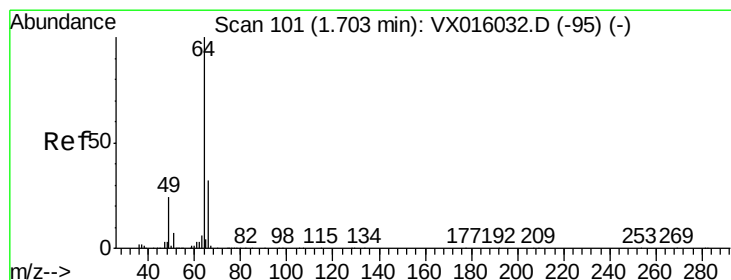
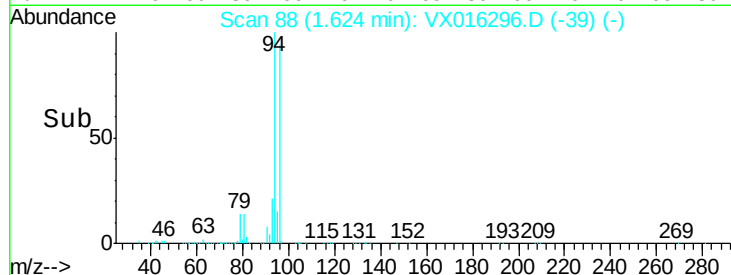
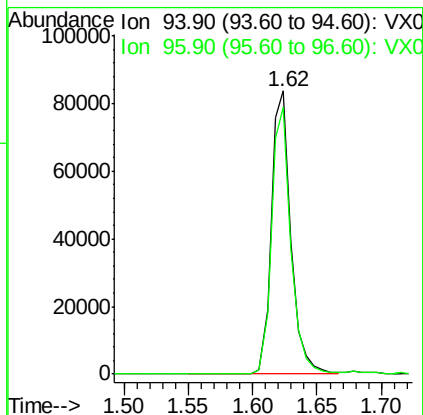
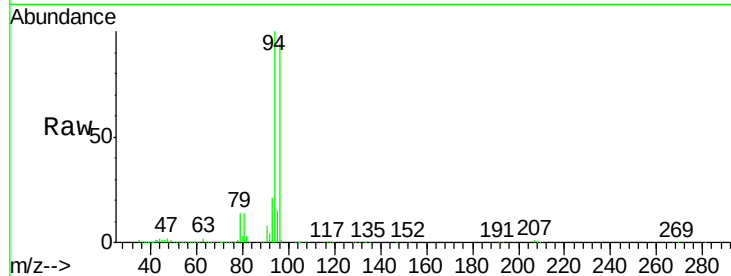
ClientSampleId :

VSTDCCC050

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#6

Chloroethane

Concen: 52.473 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016296.D

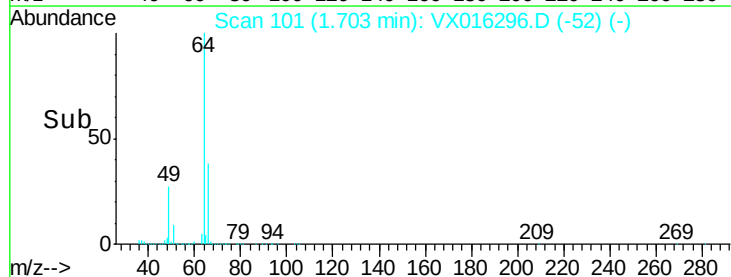
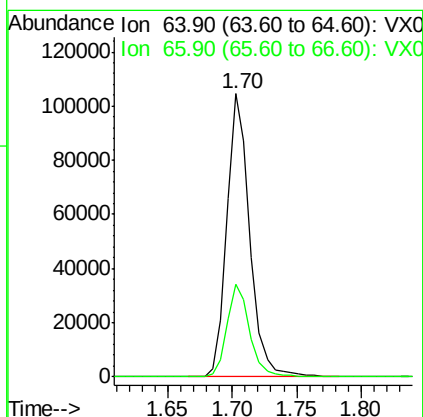
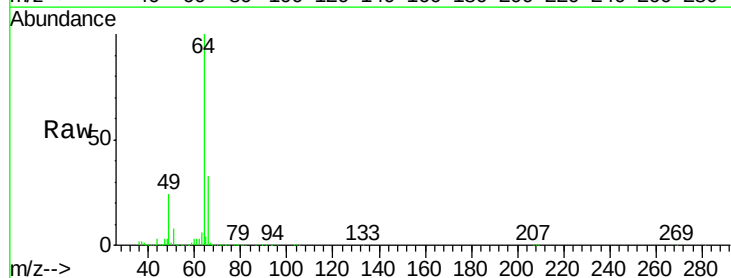
Acq: 18 May 2020 13:57

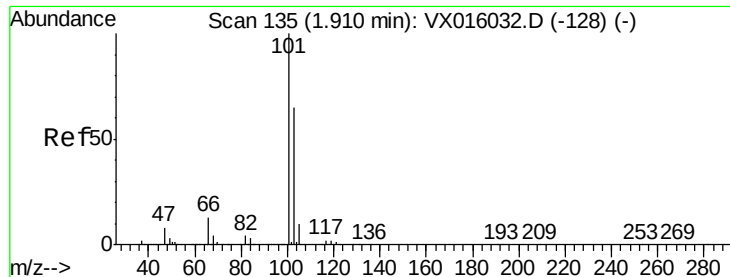
Tgt Ion: 64 Resp: 130750

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8





#7

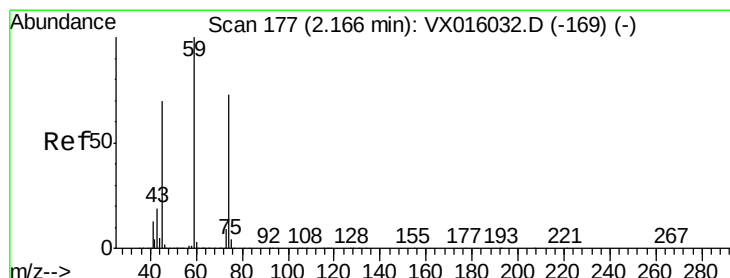
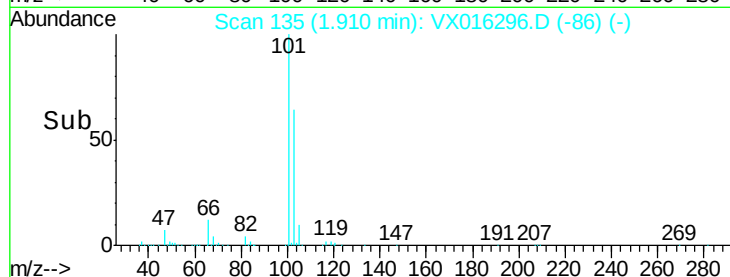
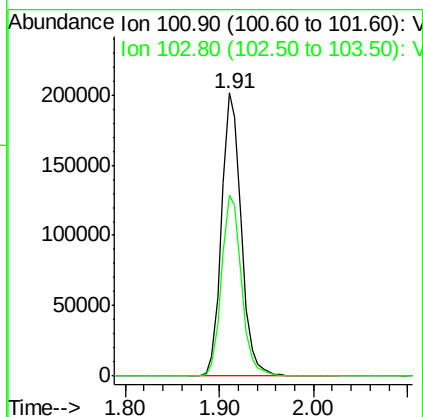
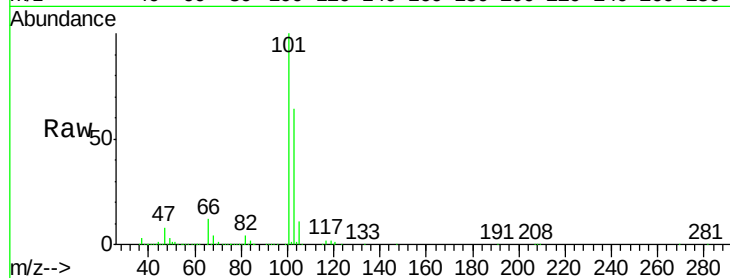
Trichlorofluoromethane
Concen: 54.070 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	290705		
103	64.0	51.8	77.6	

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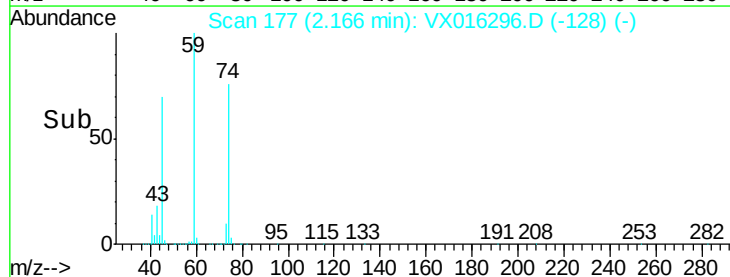
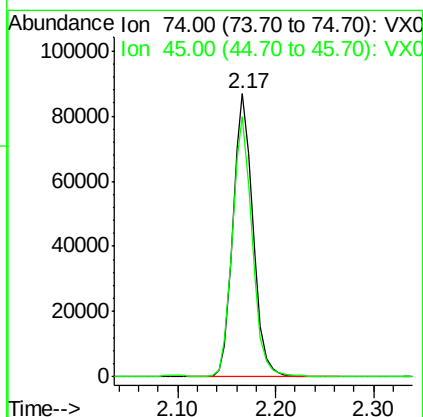
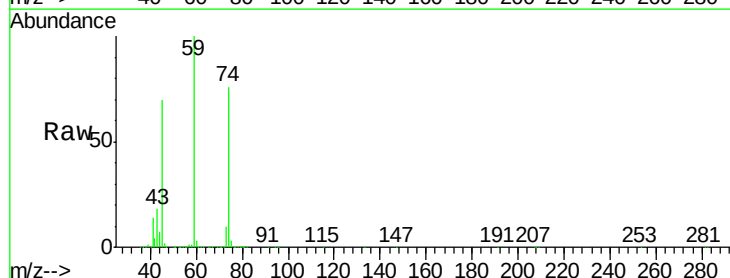
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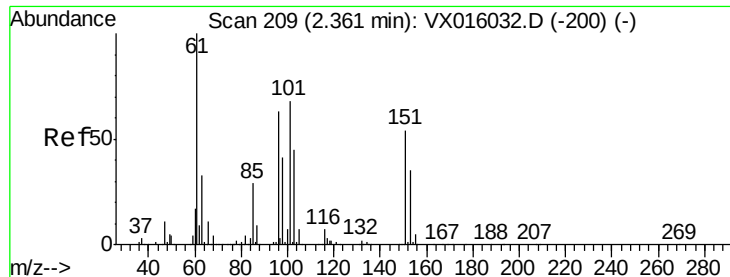


#8

Diethyl Ether
Concen: 54.297 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	122999		
45	90.5	47.3	142.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.782 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

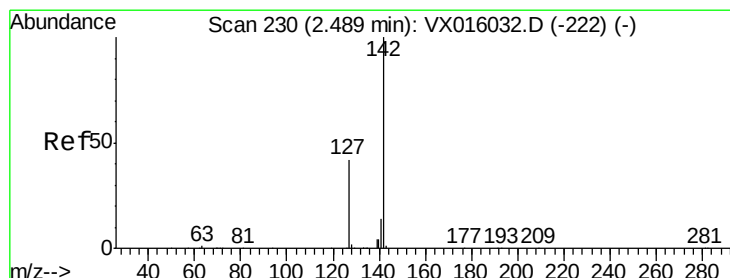
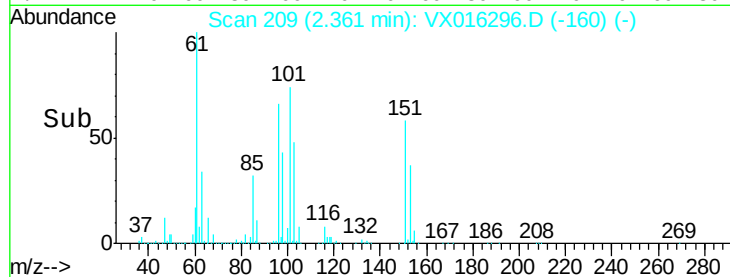
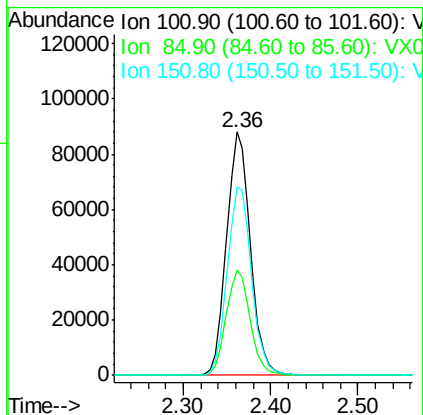
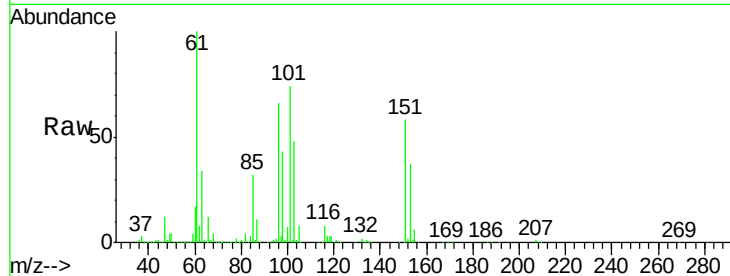
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	166826
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.4
151	79.3	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 38.850 ug/l

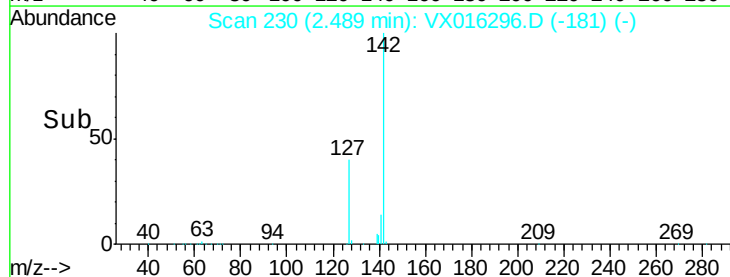
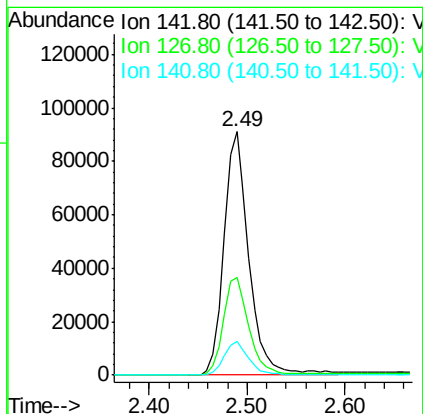
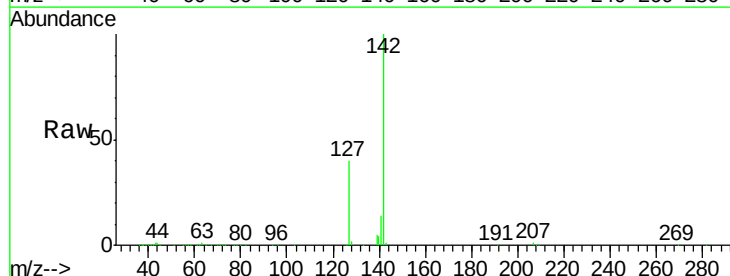
RT: 2.49 min Scan# 230

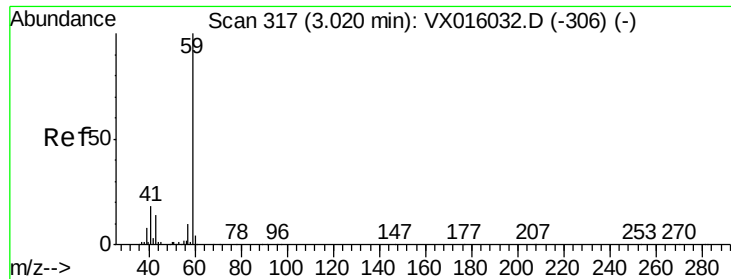
Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	142	Resp:	161868
Ion Ratio	Lower	Upper	
142	100		
127	41.6	34.6	52.0
141	13.6	11.3	16.9





#11

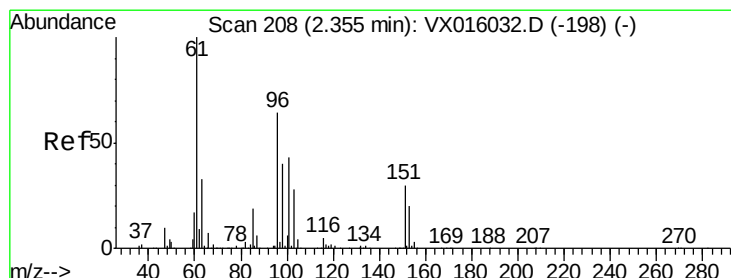
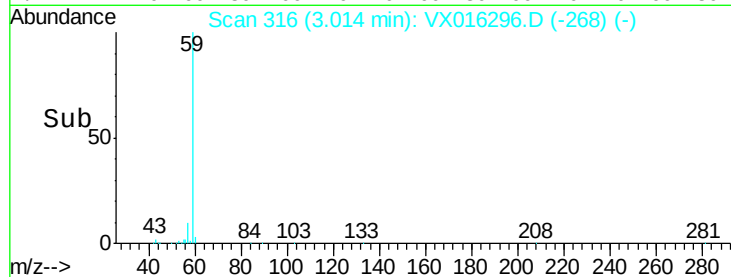
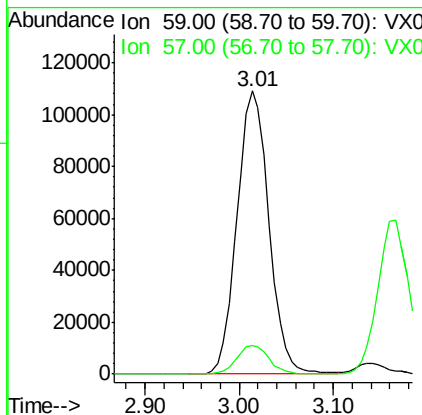
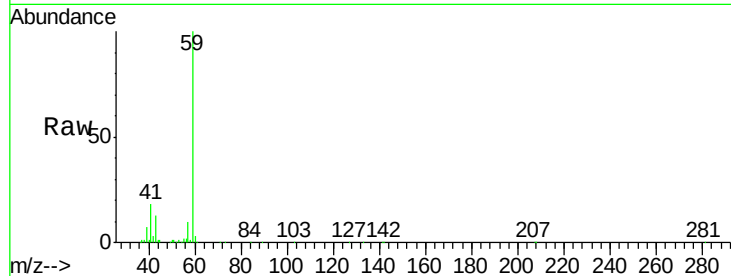
Tert butyl alcohol
 Concen: 248.146 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

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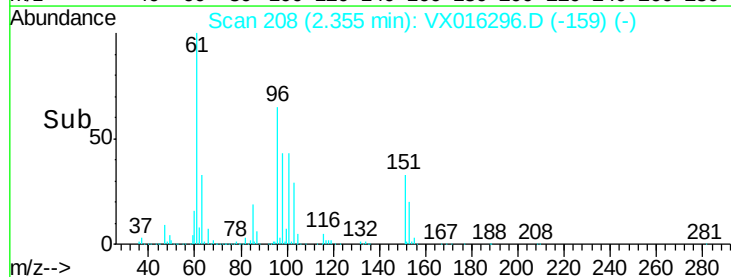
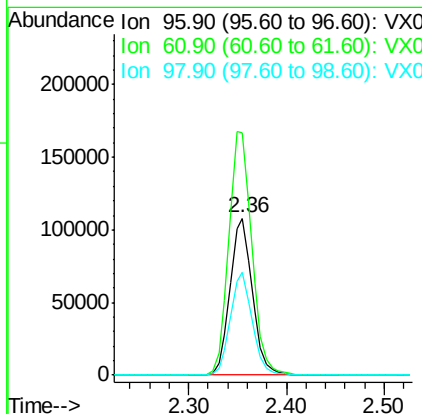
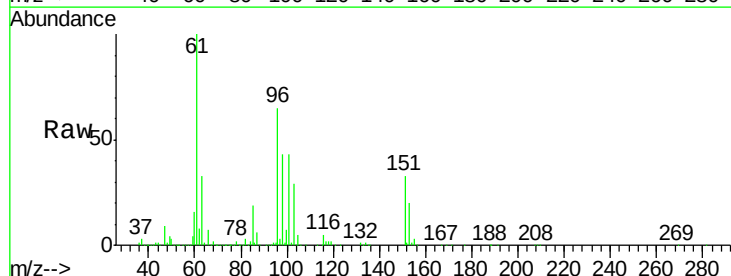
MMDadoda
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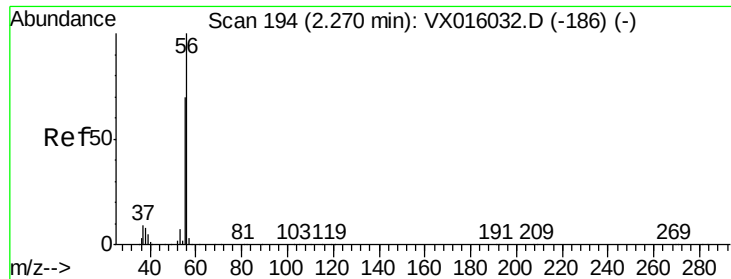


#12

1,1-Dichloroethene
 Concen: 52.564 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.6	124.8	187.2
98	65.8	49.7	74.5





#13

Acrolein

Concen: 343.741 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 223506

Ion Ratio Lower Upper

56 100

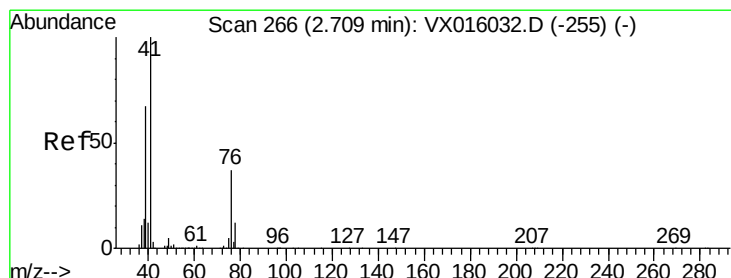
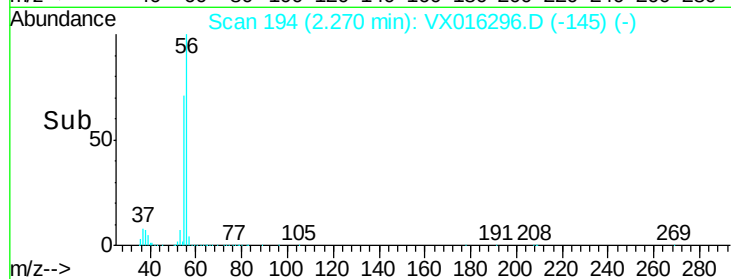
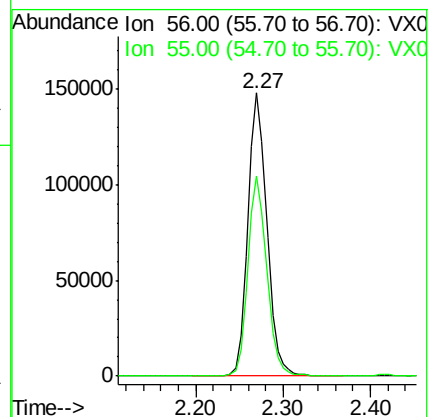
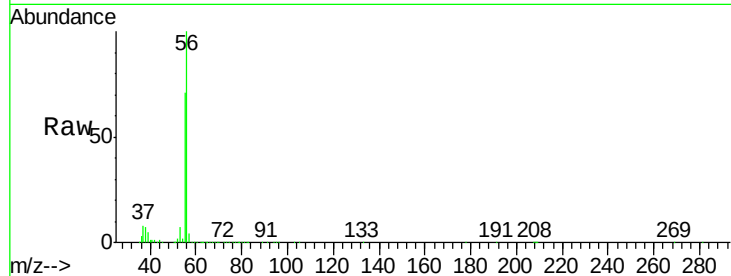
55 70.0 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 51.709 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

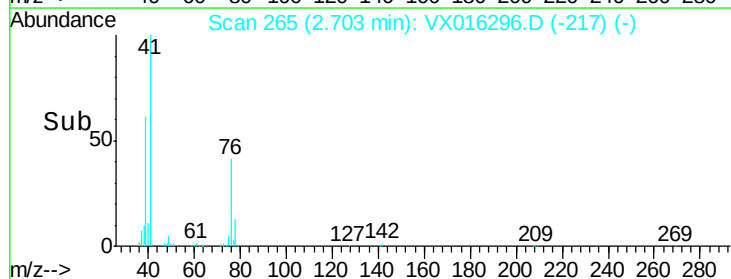
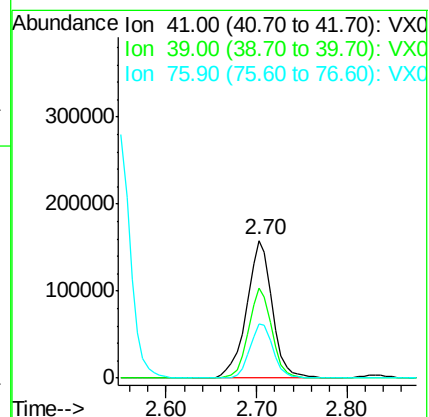
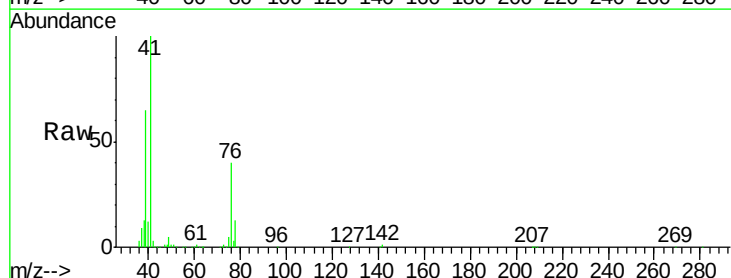
Tgt Ion: 41 Resp: 307757

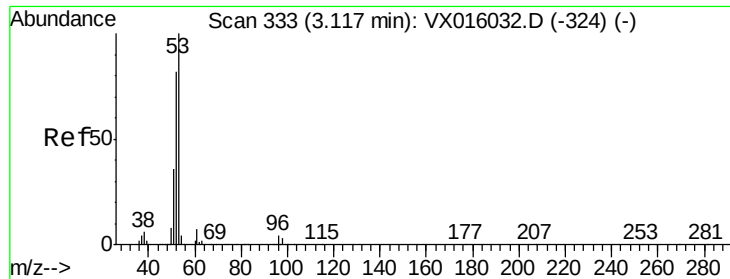
Ion Ratio Lower Upper

41 100

39 60.0 50.5 75.7

76 35.9 26.6 40.0





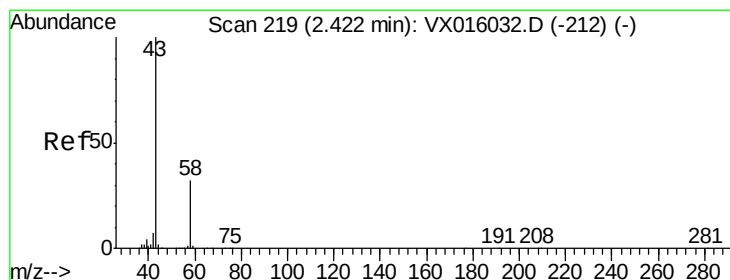
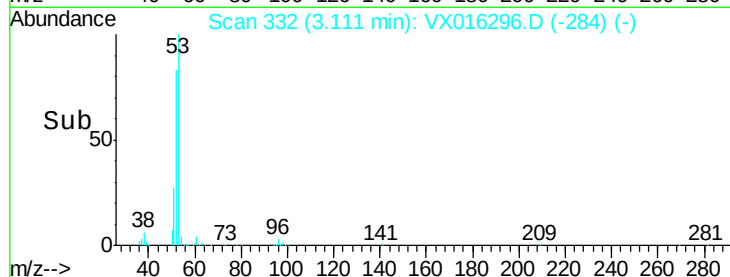
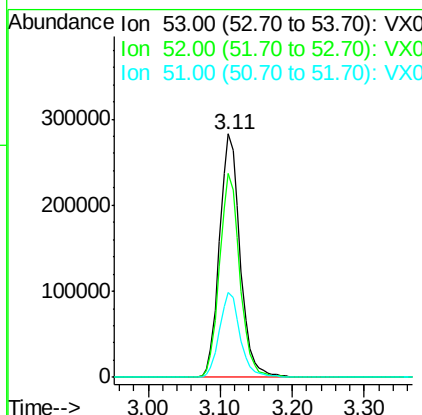
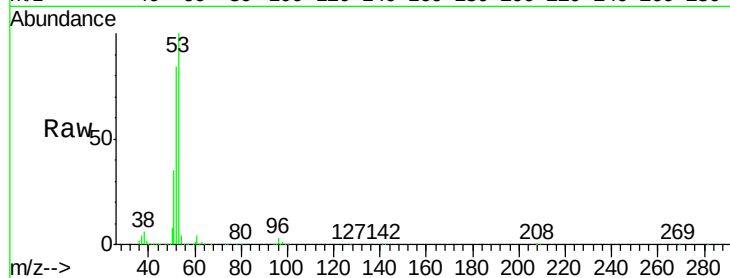
#15
 Acrylonitrile
 Concen: 261.290 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	563227
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.1	99.1
51	35.1	28.8	43.2

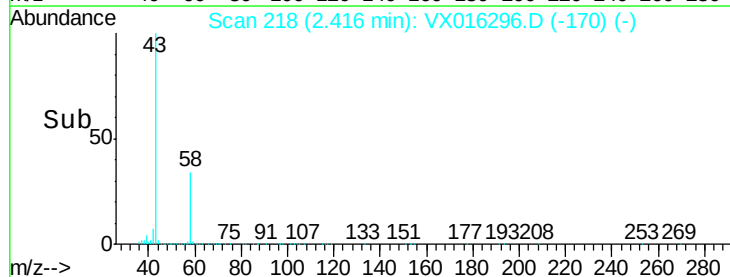
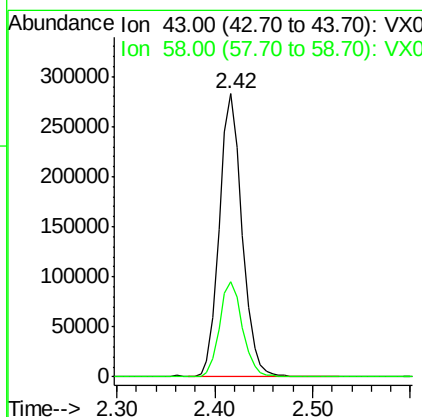
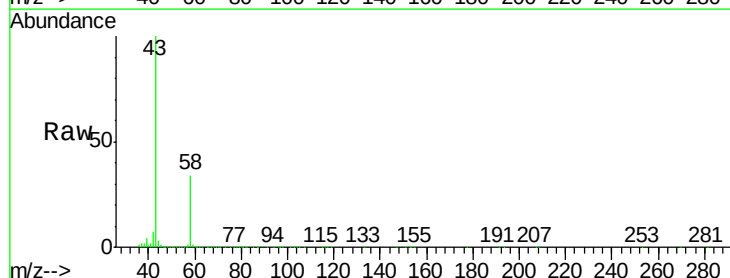
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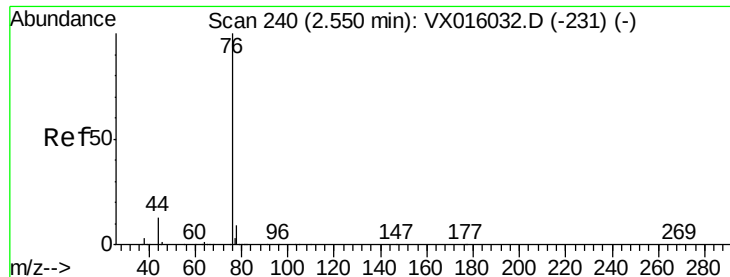
MMDadoda
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#16
 Acetone
 Concen: 248.800 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion:	43	Resp:	456155
Ion Ratio	Lower	Upper	
43	100		
58	33.6	25.4	38.0





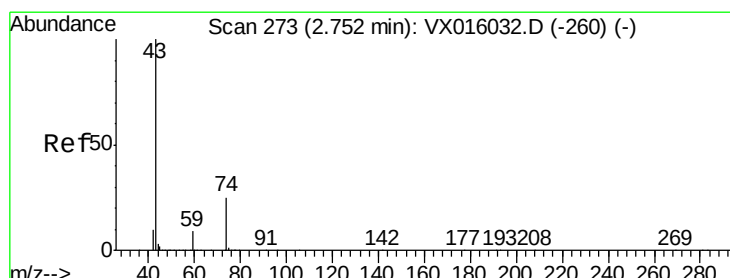
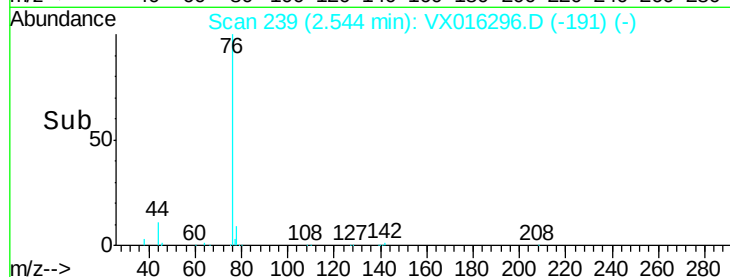
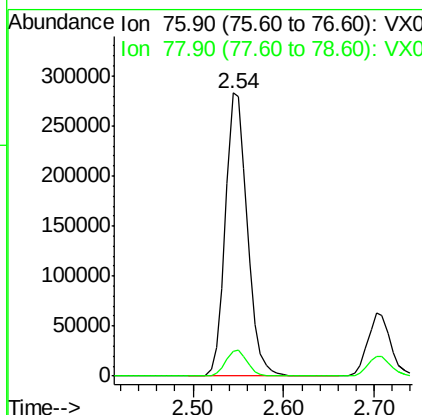
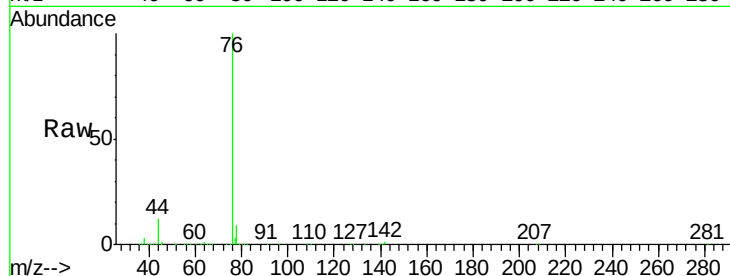
#17
Carbon Disulfide
Concen: 48.824 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

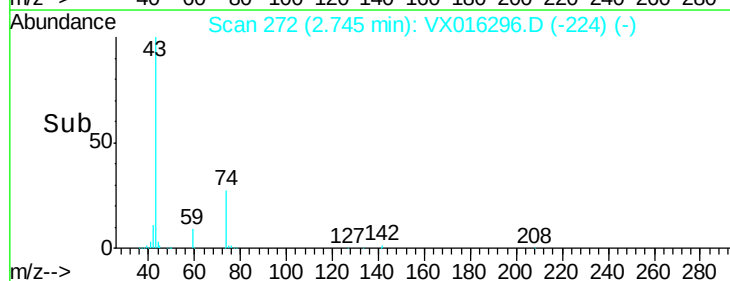
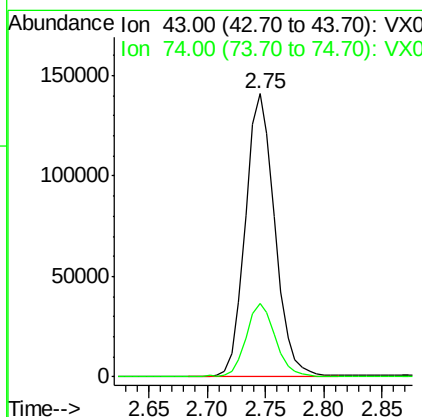
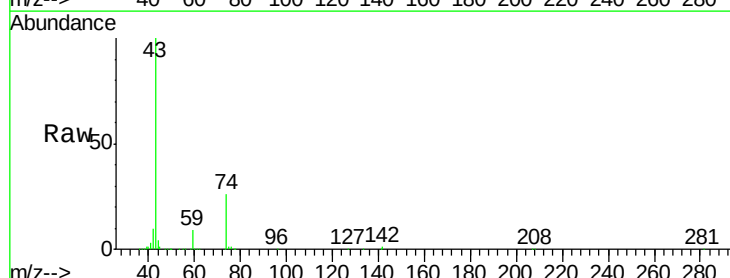
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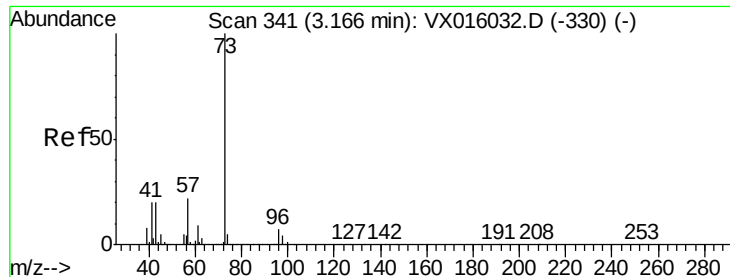
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#18
Methyl Acetate
Concen: 55.130 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	20.2	30.2





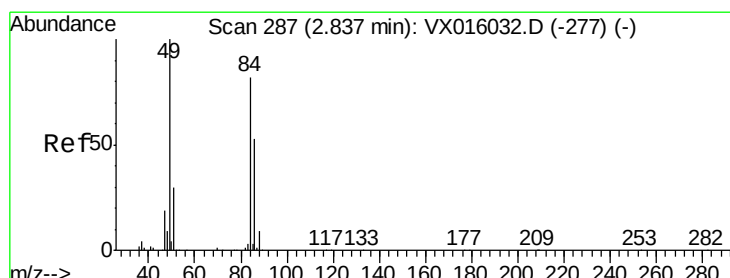
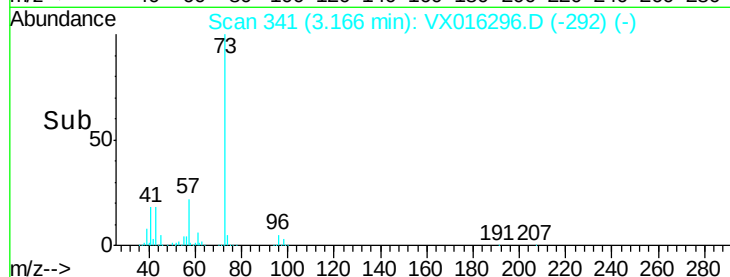
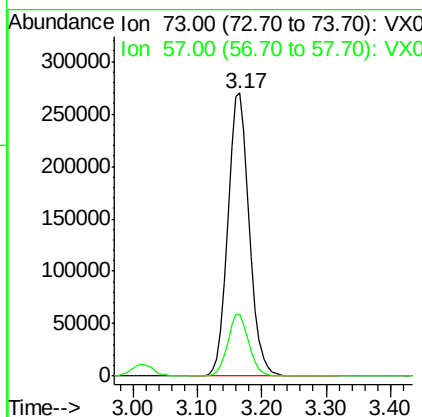
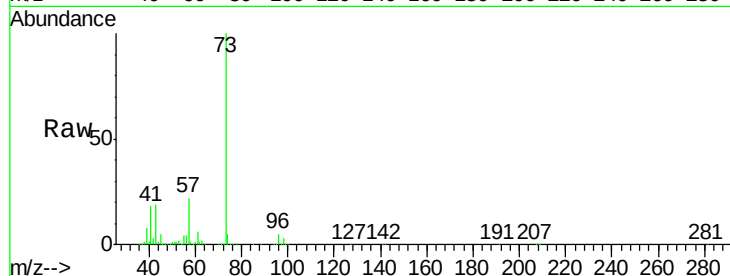
#19
Methyl tert-butyl Ether
Concen: 56.271 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.6

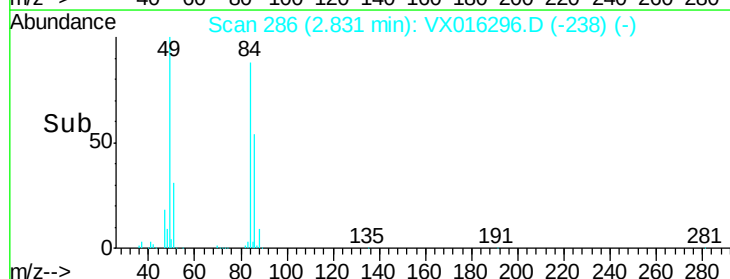
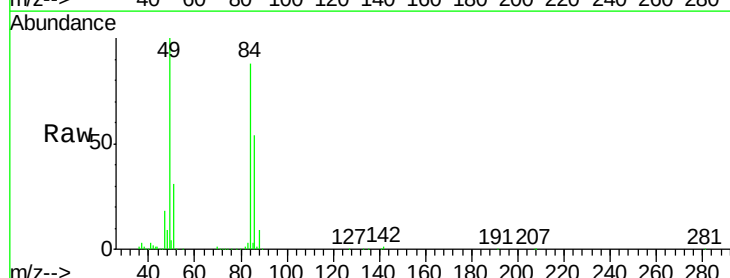
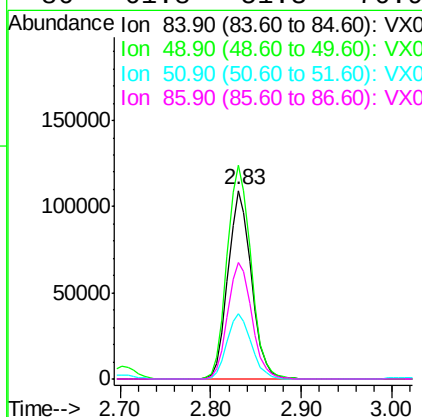
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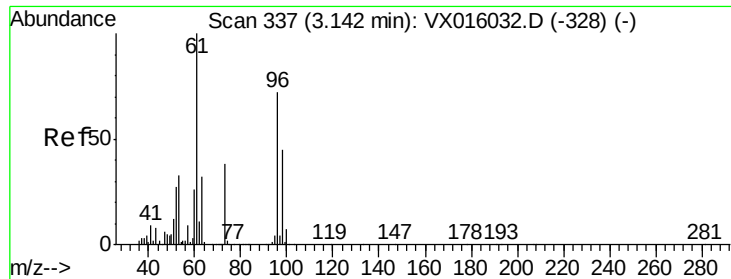
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#20
Methylene Chloride
Concen: 51.856 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	97.3	145.9
51	34.8	29.3	43.9
86	61.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 52.793 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

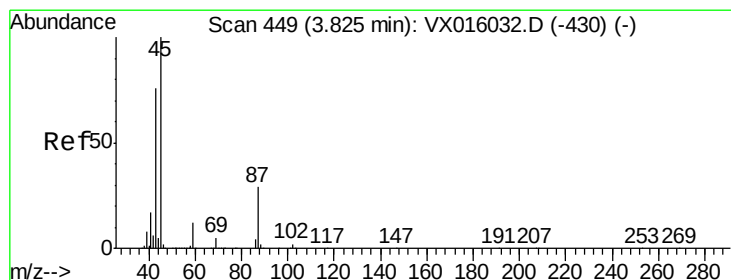
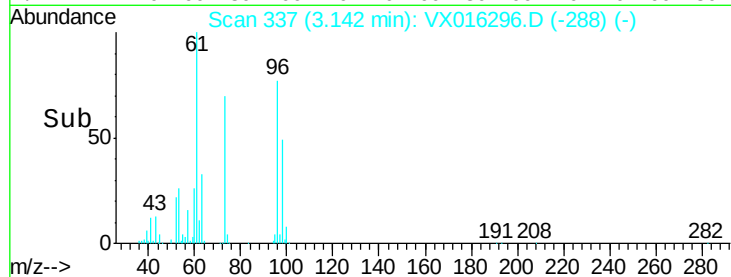
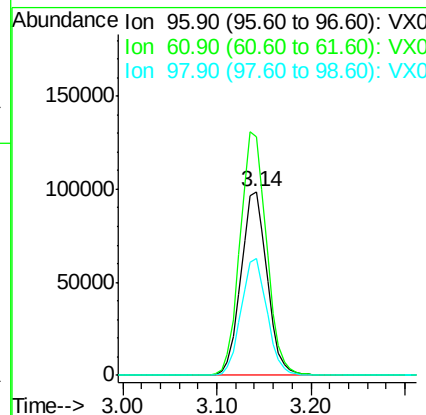
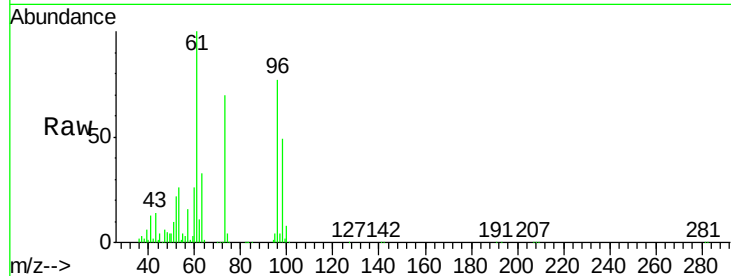
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	190967
Ion	Ratio	Lower	Upper
96	100		
61	129.8	111.2	166.8
98	63.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 53.454 ug/l

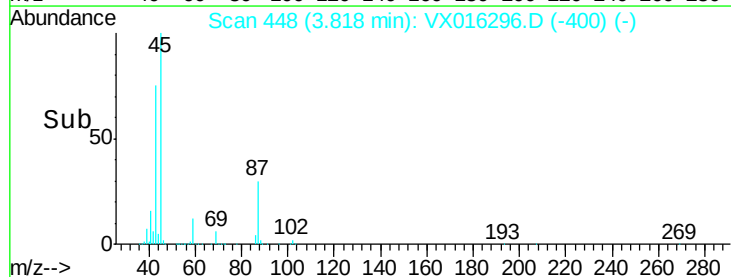
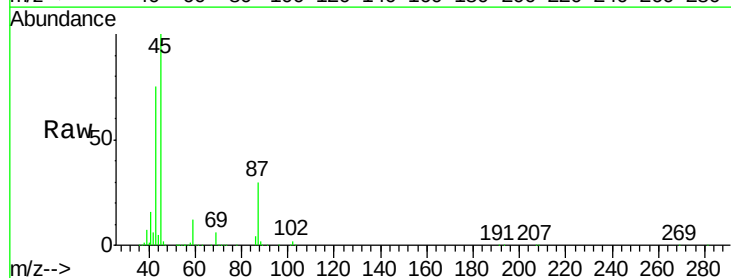
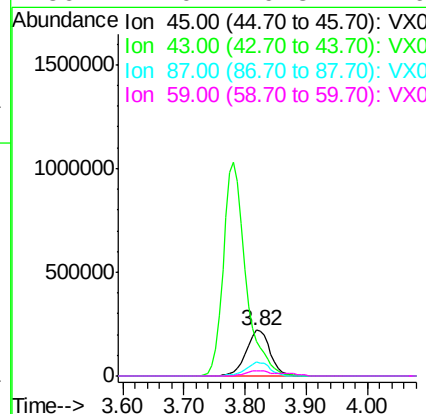
RT: 3.82 min Scan# 448

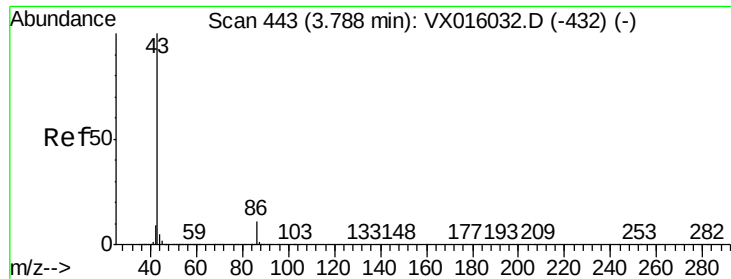
Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	45	Resp:	600197
Ion	Ratio	Lower	Upper
45	100		
43	74.9	61.1	91.7
87	29.8	23.0	34.6
59	12.0	9.8	14.6





#23

Vinyl Acetate

Concen: 265.548 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2623193

Ion Ratio Lower Upper

43 100

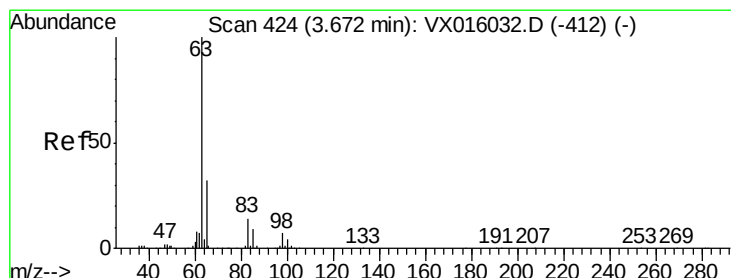
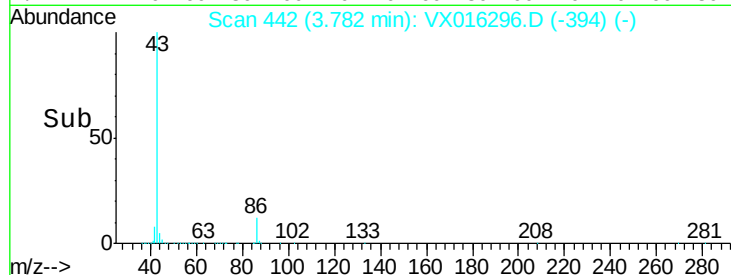
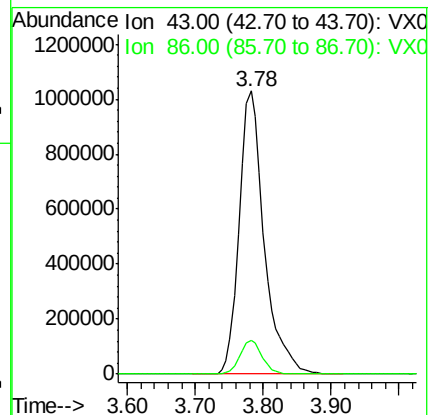
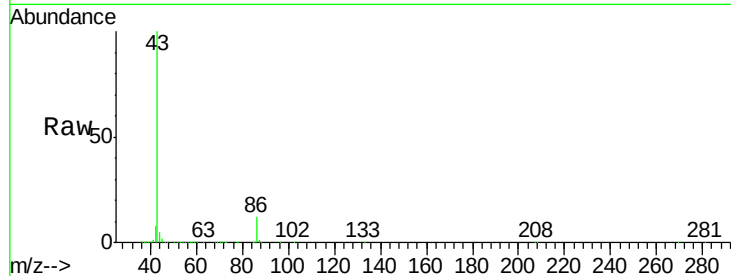
86 12.0 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 54.606 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

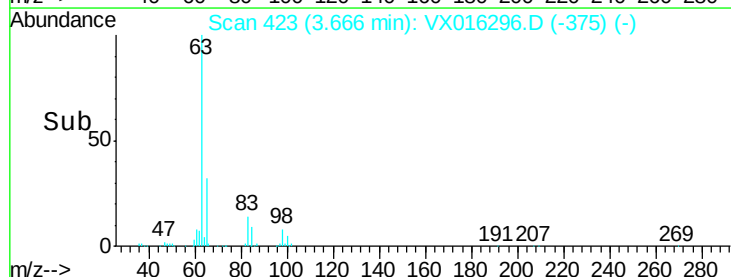
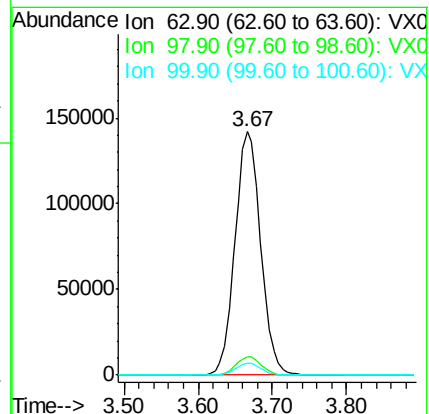
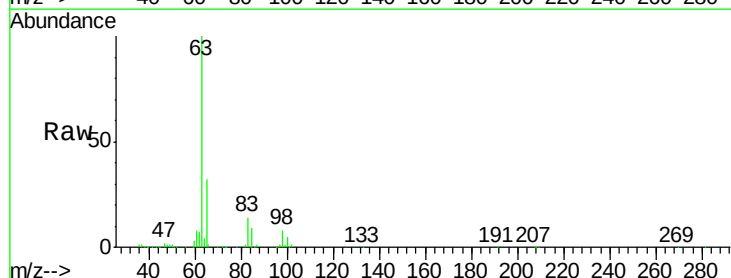
Tgt Ion: 63 Resp: 342980

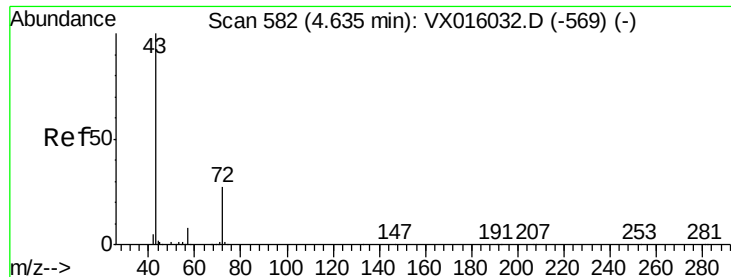
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.8 2.1 6.5





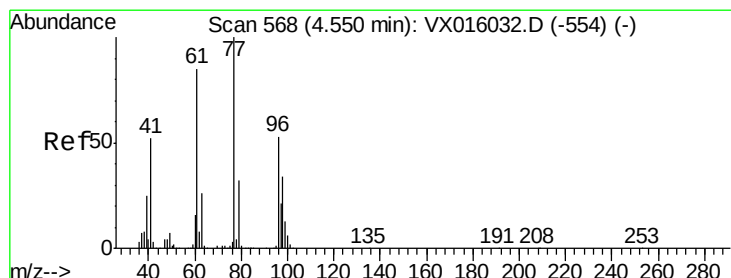
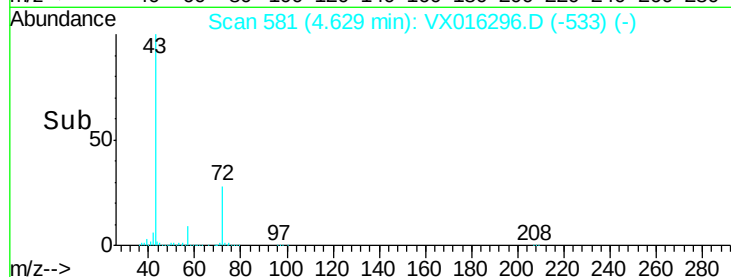
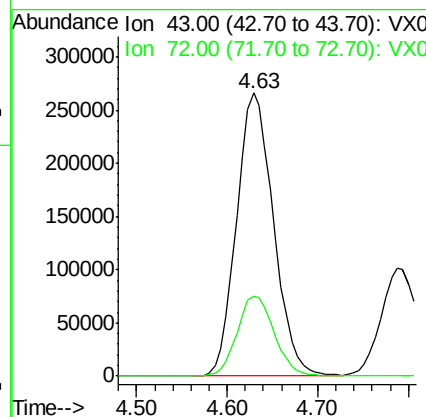
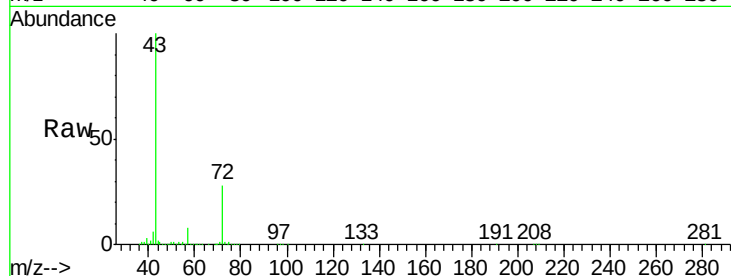
#25
2-Butanone
Concen: 253.304 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	28.2	21.8	32.8

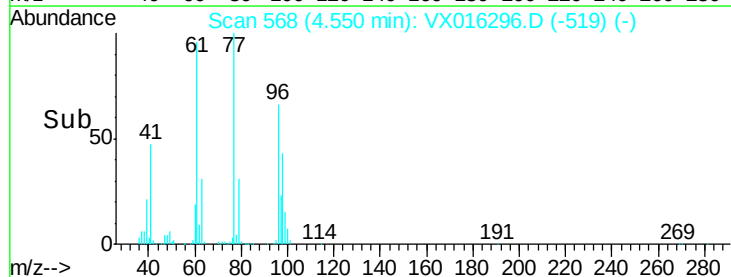
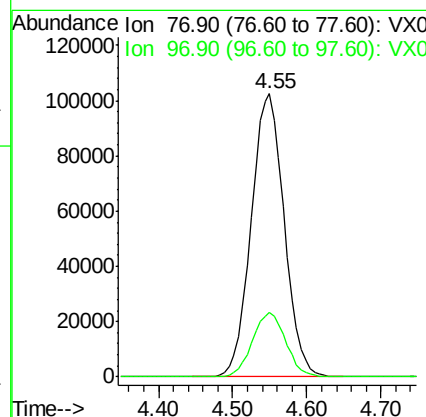
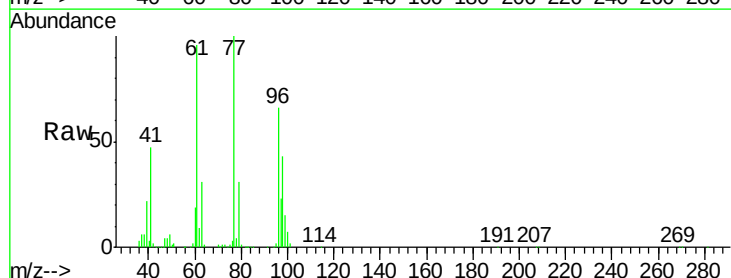
Manual Integrations
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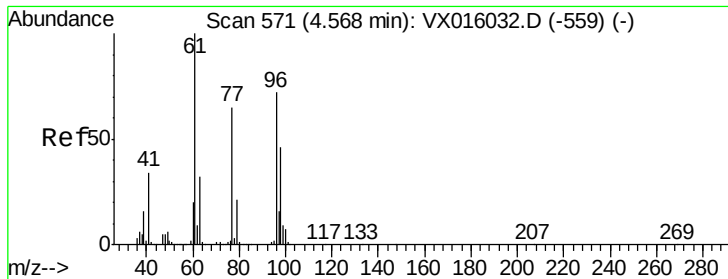
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#26
2,2-Dichloropropane
Concen: 55.500 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.0	11.2	33.6





#27

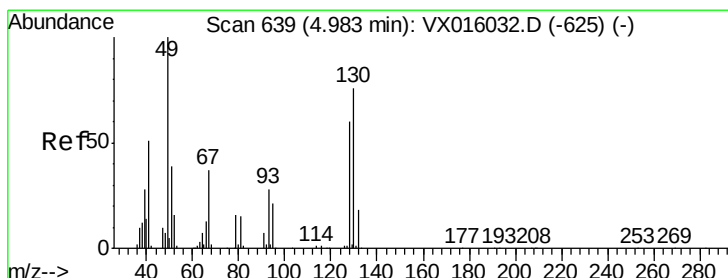
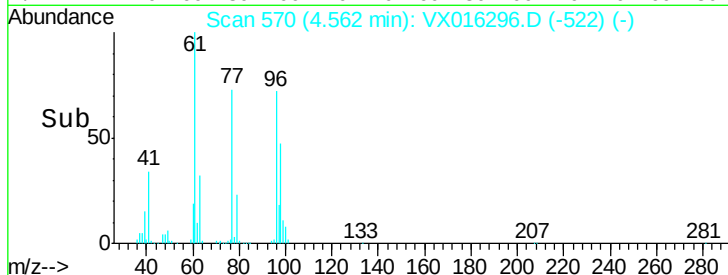
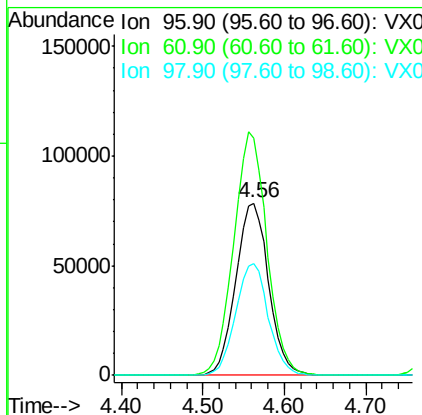
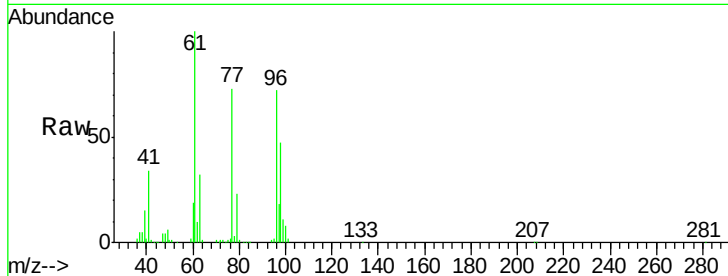
cis-1,2-Dichloroethene
Concen: 55.373 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	218975		
61	143.6		0.0	296.2
98	64.9		0.0	129.4

Manual Integrations
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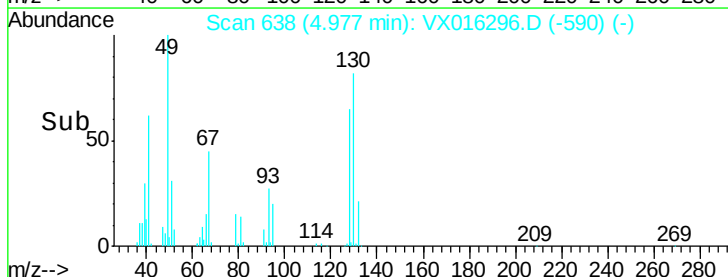
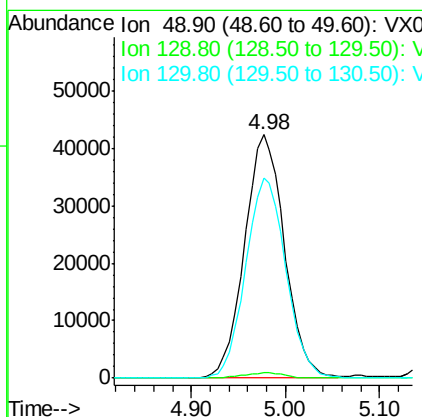
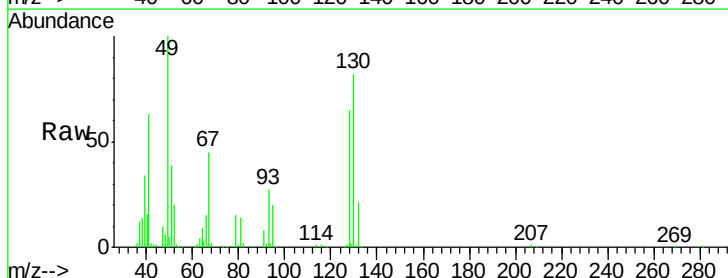
MMDadoda
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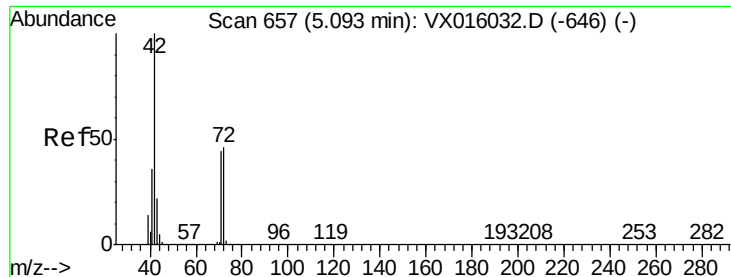


#28

Bromochloromethane
Concen: 43.814 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125487		
129	2.2		0.0	4.0
130	82.9		62.4	93.6





#29

Tetrahydrofuran

Concen: 255.232 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

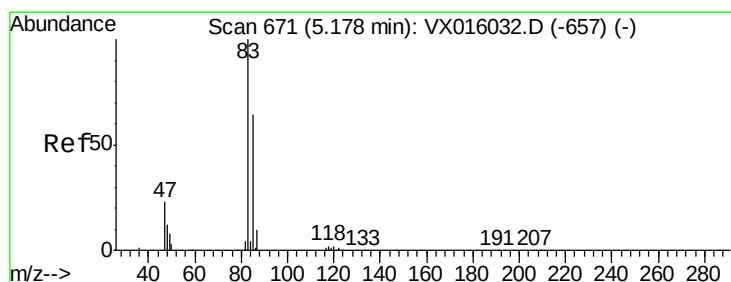
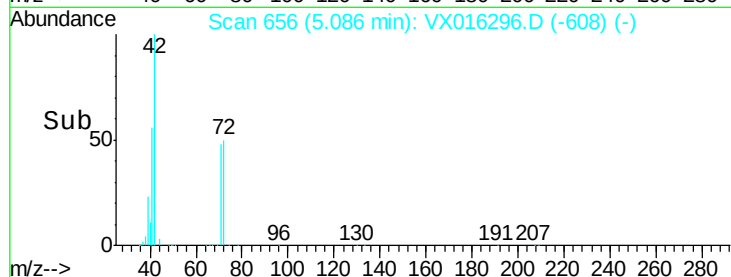
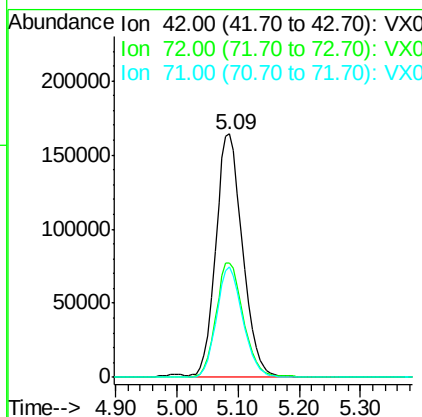
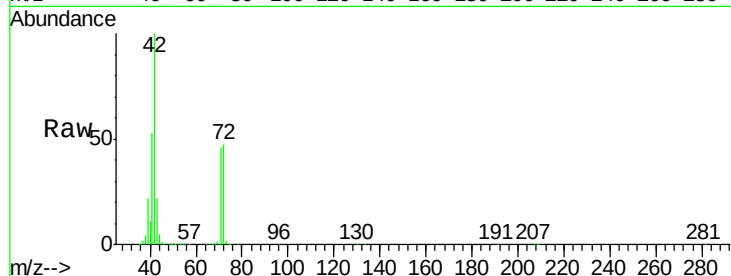
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	499637
Ion Ratio		Lower	Upper
42	100		
72	48.2	37.1	55.7
71	44.7	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 55.234 ug/l

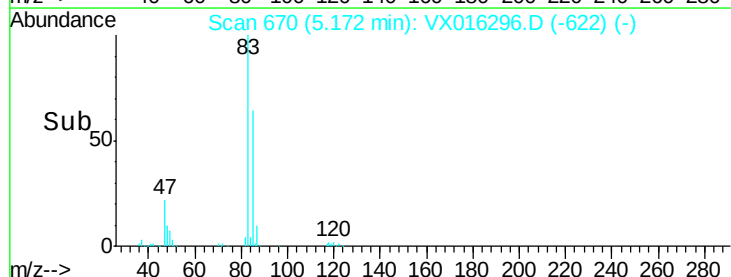
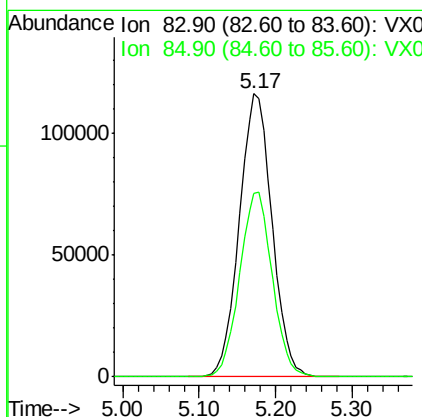
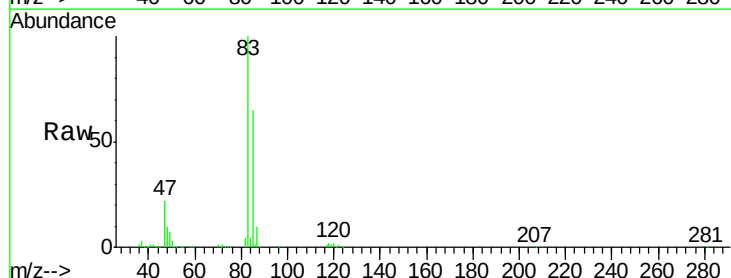
RT: 5.17 min Scan# 670

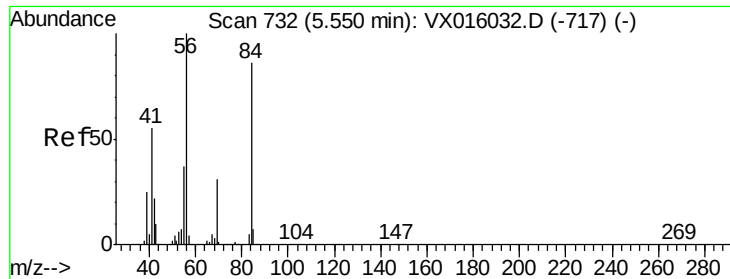
Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	83	Resp:	345425
Ion Ratio		Lower	Upper
83	100		
85	64.7	51.6	77.4





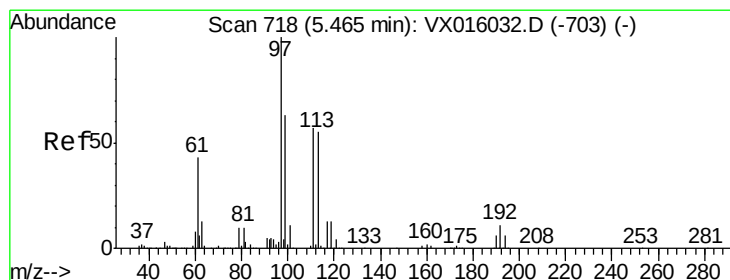
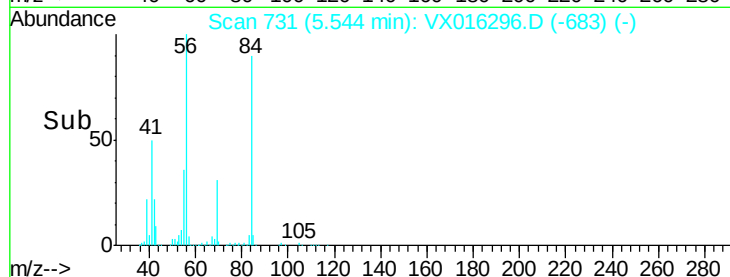
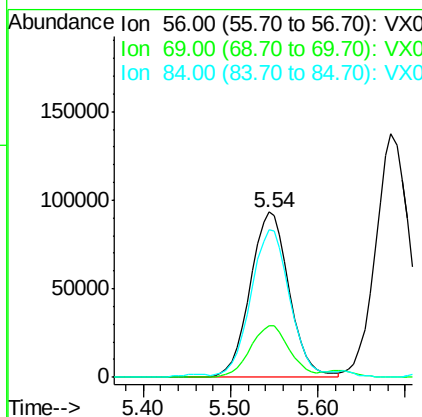
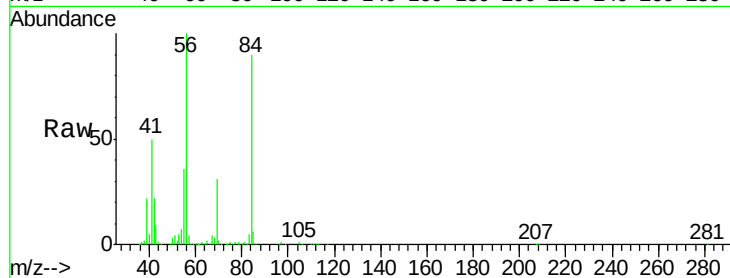
#31
Cyclohexane
Concen: 50.622 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	88.3	69.0	103.6

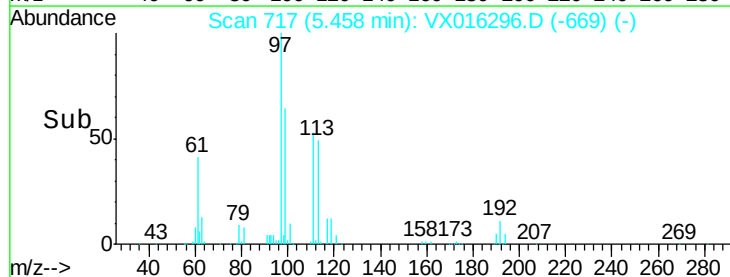
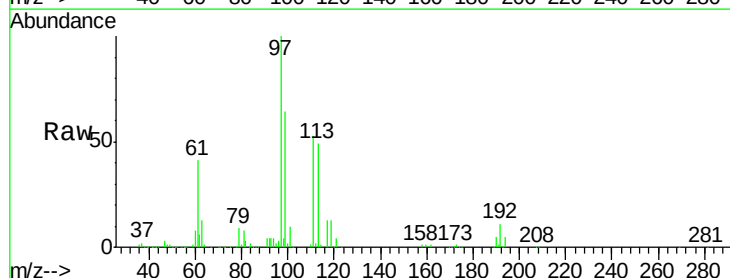
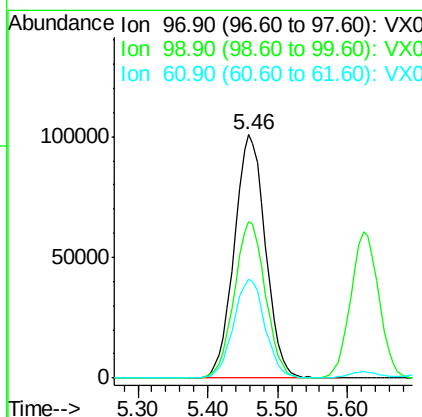
Manual Integrations
APPROVED

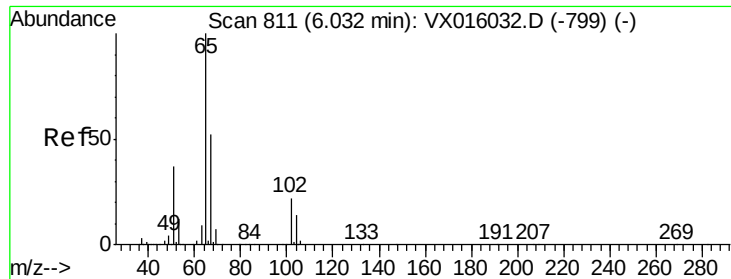
MMDadoda
5/19/2020 1:38:41 PM



#32
1,1,1-Trichloroethane
Concen: 54.727 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	41.1	34.5	51.7





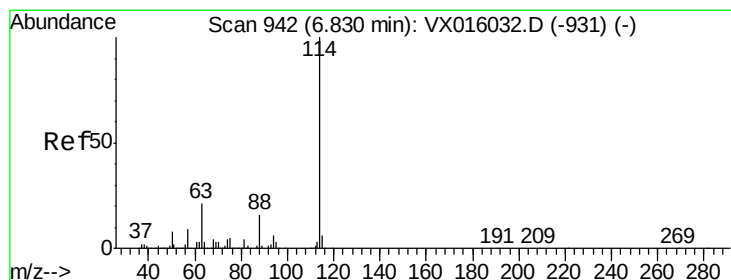
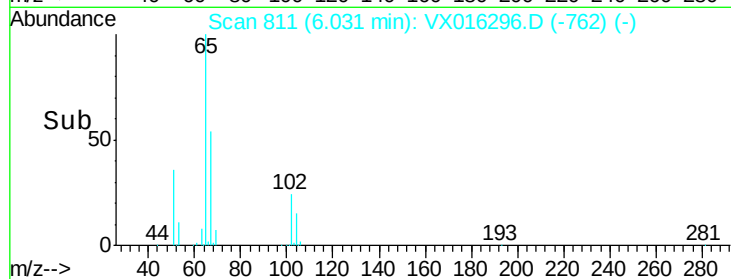
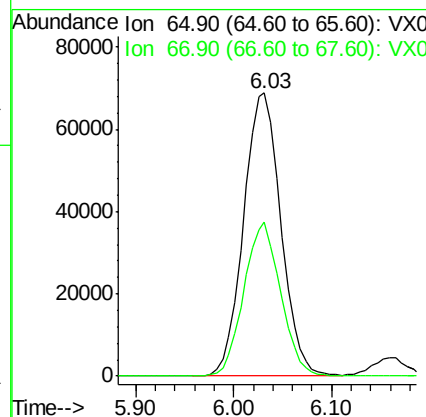
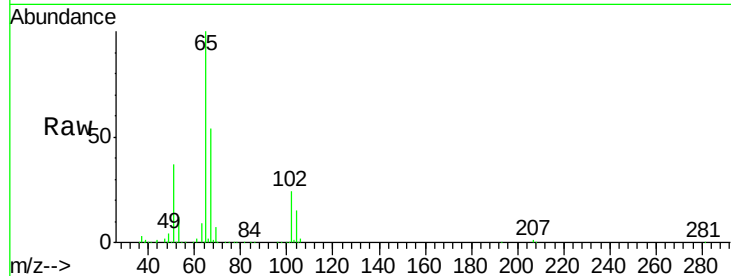
#33
 1,2-Dichloroethane-d4
 Concen: 44.342 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182203		
67	53.4	0.0	104.8	

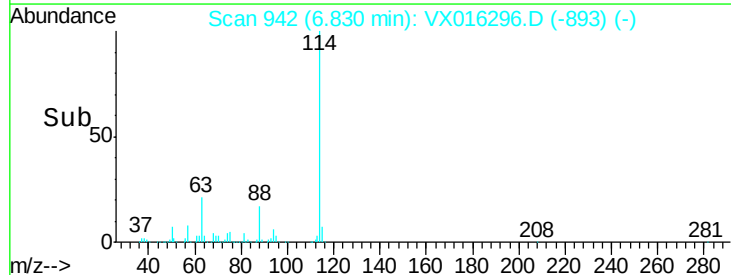
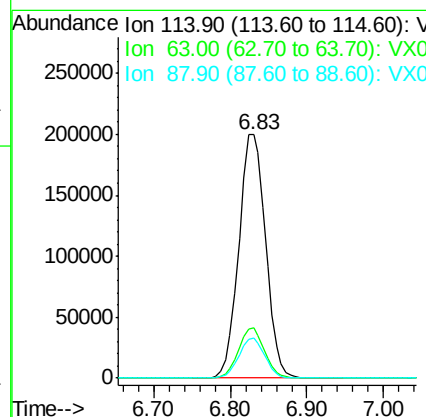
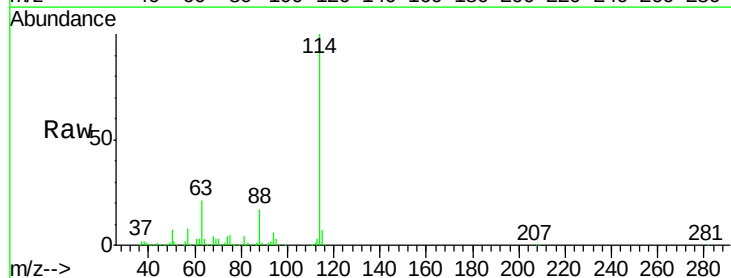
Manual Integrations
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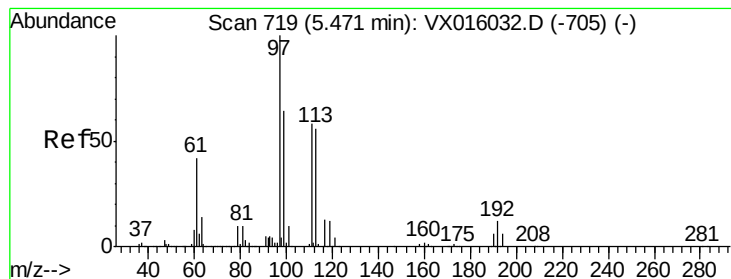
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	484188		
63	20.5	0.0	42.8	
88	16.5	0.0	31.4	





#35

Dibromofluoromethane

Concen: 49.544 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

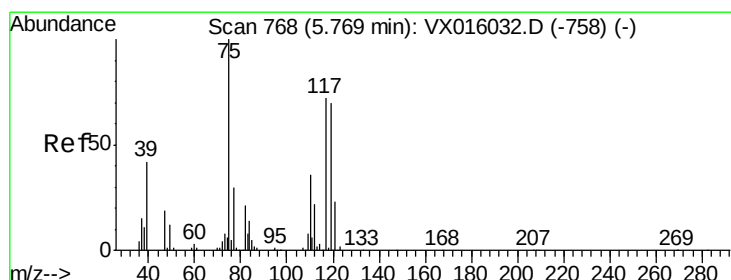
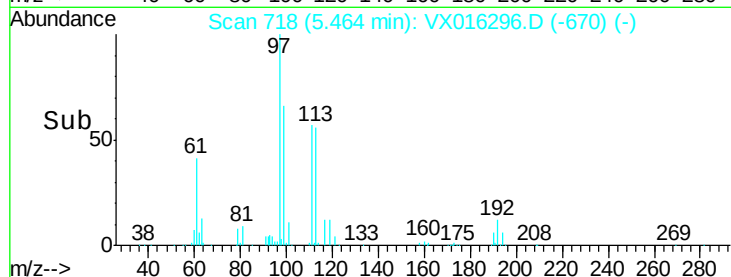
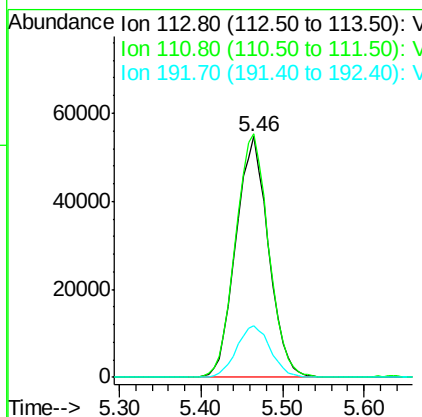
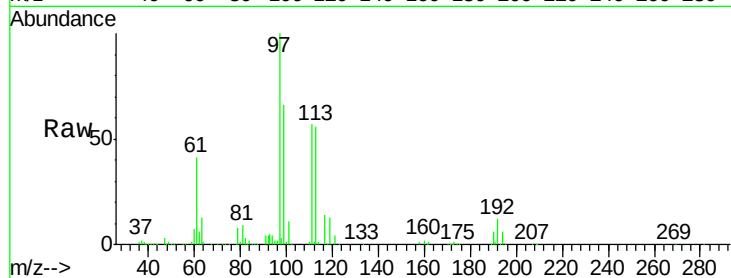
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	151979
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.6	122.4
192	22.3	17.0	25.4

Manual Integrations
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5/19/2020 1:38:41 PM



#36

1,1-Dichloropropene

Concen: 55.531 ug/l

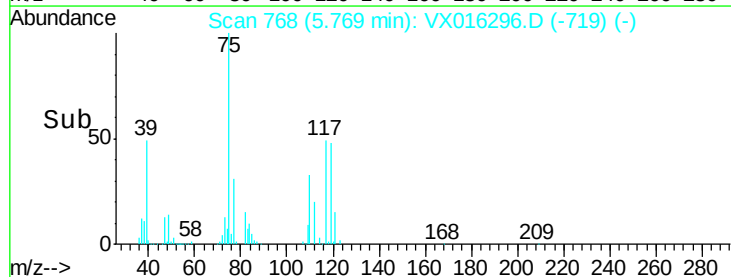
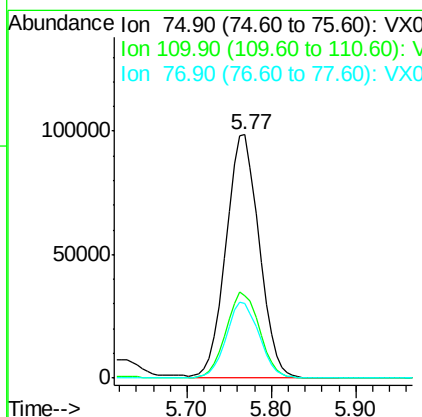
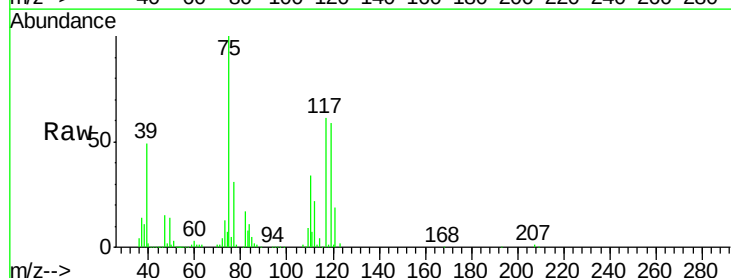
RT: 5.77 min Scan# 768

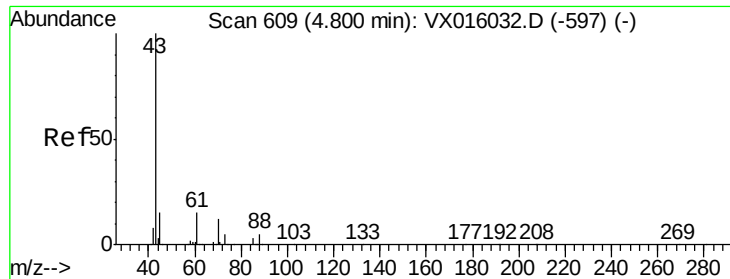
Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	75	Resp:	264670
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.1	54.1
77	31.0	25.0	37.6





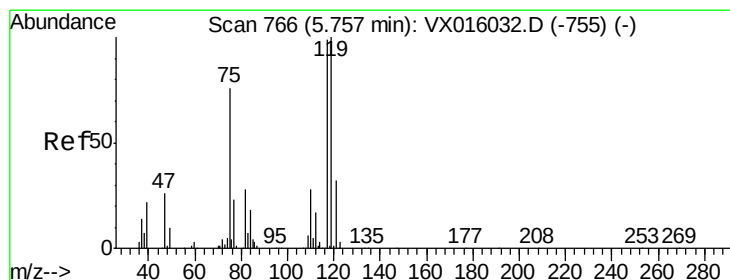
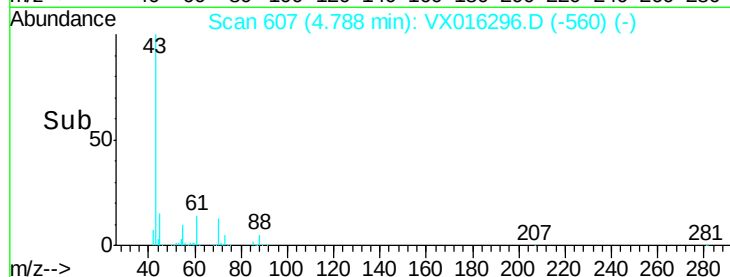
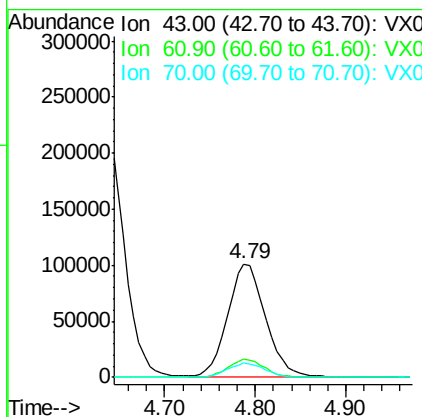
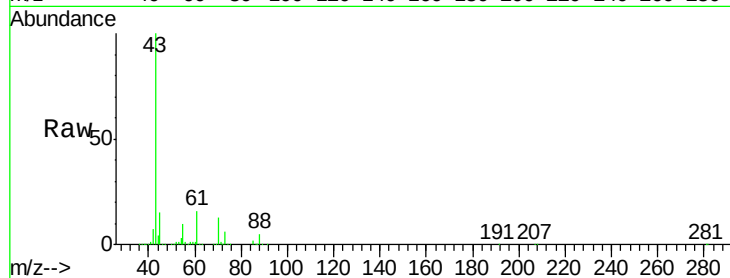
#37
Ethyl Acetate
Concen: 52.673 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	290971
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	12.4	9.3	13.9

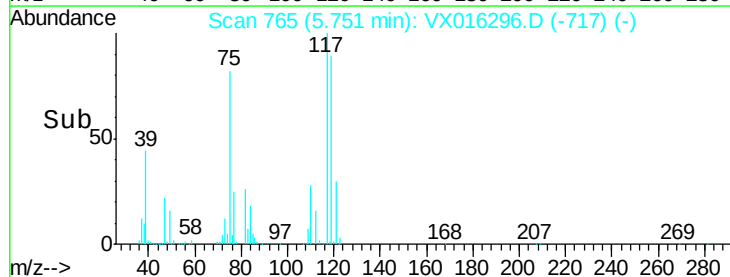
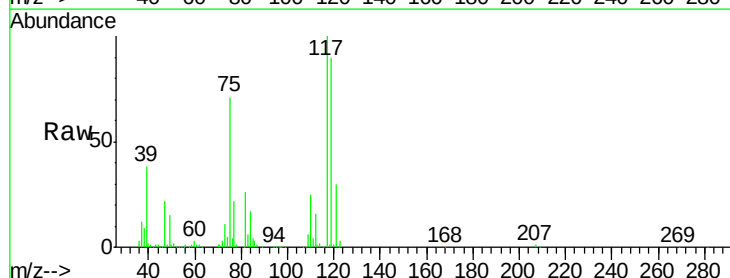
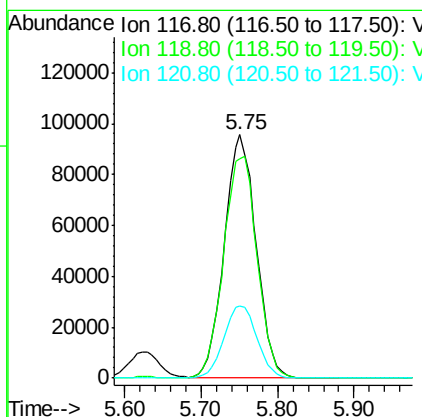
Manual Integrations
APPROVED

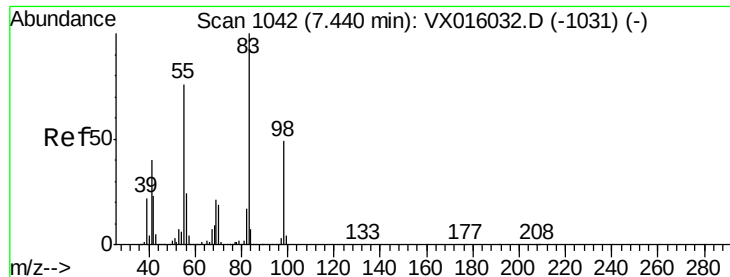
MMDadoda
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#38
Carbon Tetrachloride
Concen: 56.785 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion:	117	Resp:	275093
Ion	Ratio	Lower	Upper
117	100		
119	90.2	80.3	120.5
121	29.8	25.7	38.5





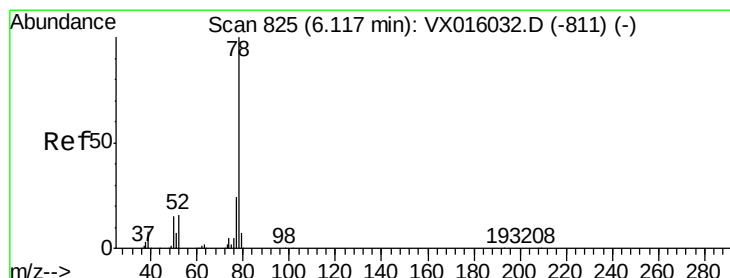
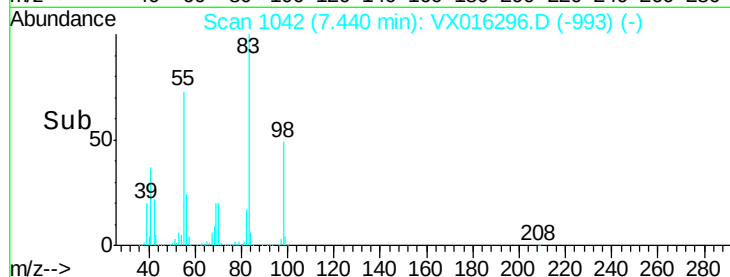
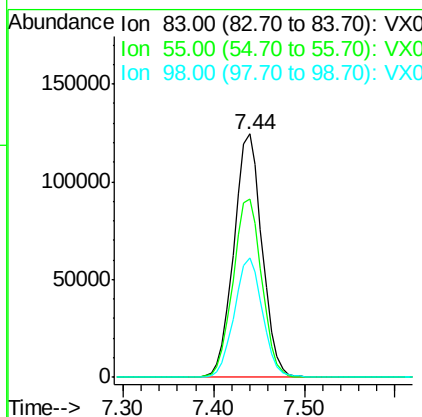
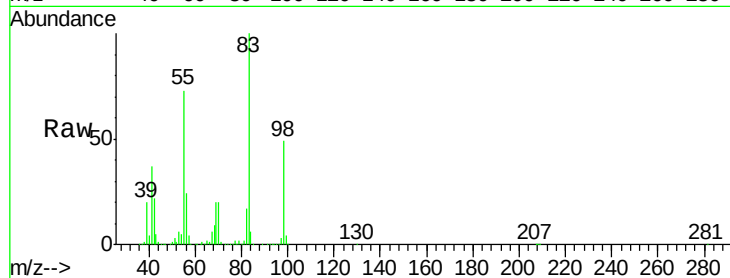
#39
Methylvlcyclohexane
Concen: 46.827 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.1	91.7
98	49.0	39.0	58.4

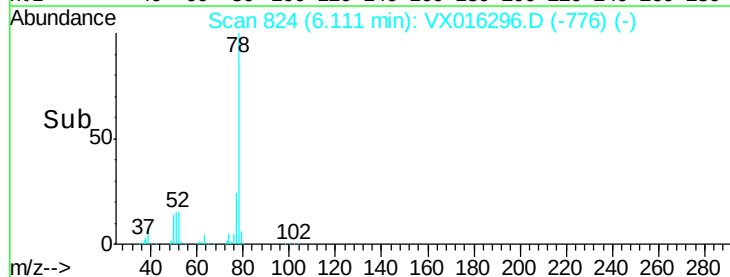
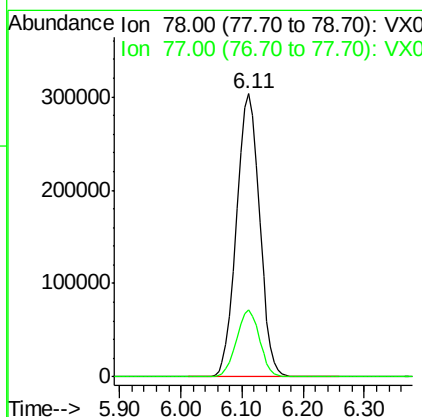
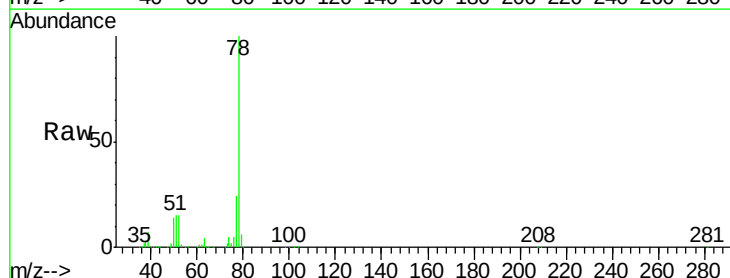
Manual Integrations
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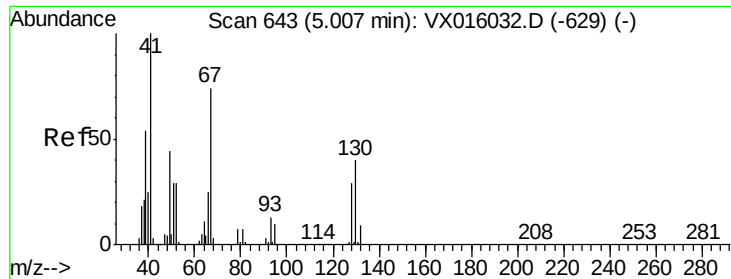
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#40
Benzene
Concen: 56.507 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





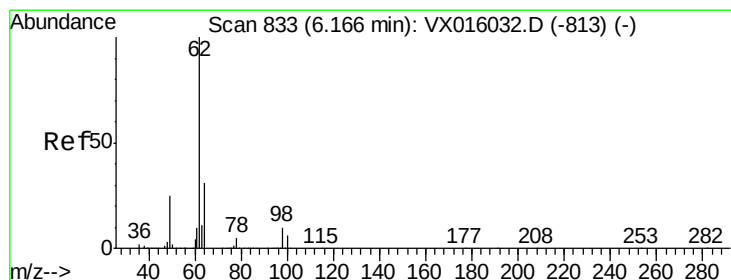
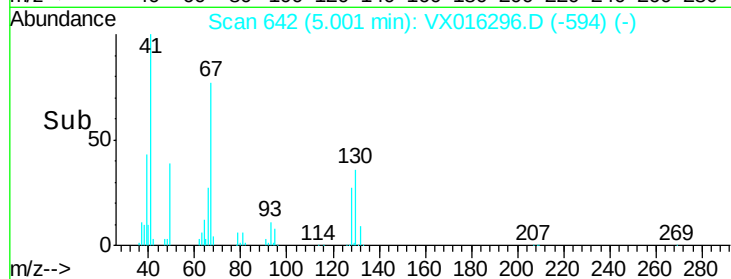
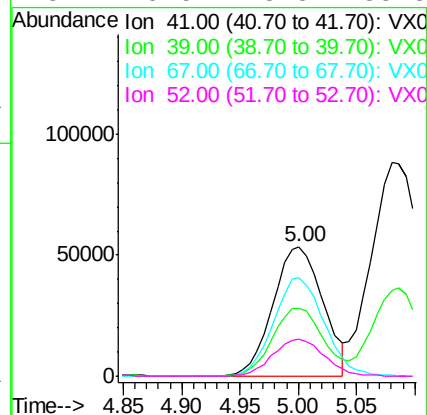
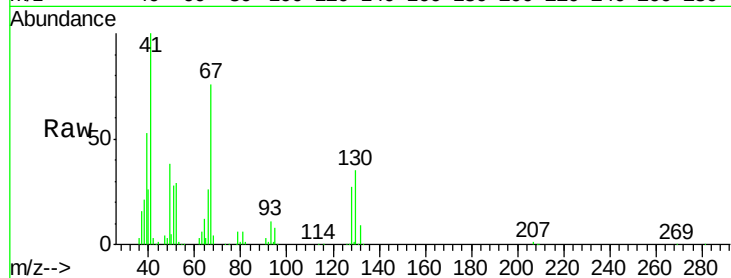
#41
Methacrylonitrile
Concen: 53.329 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	159095		
39	54.0		43.2	64.8
67	77.3		59.3	88.9
52	29.5		23.5	35.3

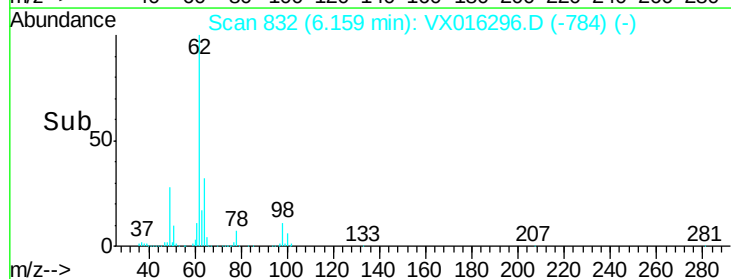
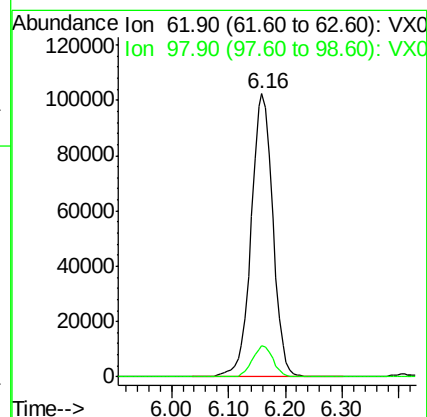
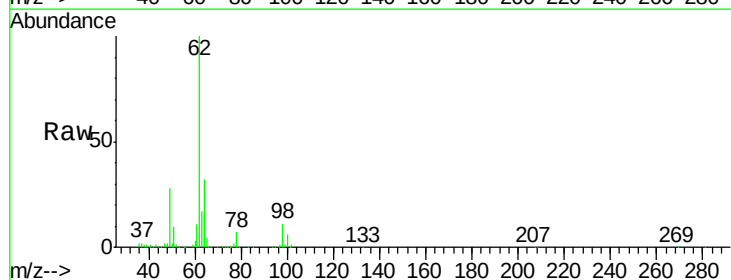
Manual Integrations
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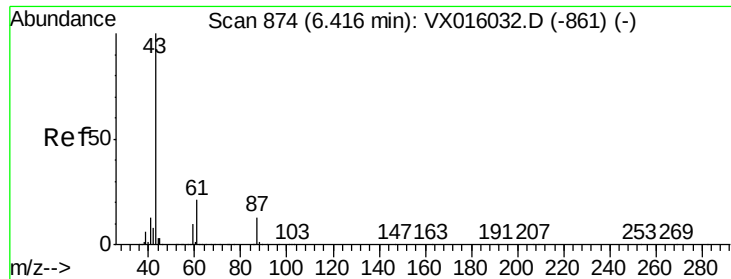
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.897 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	270759		
98	10.5		0.0	19.4





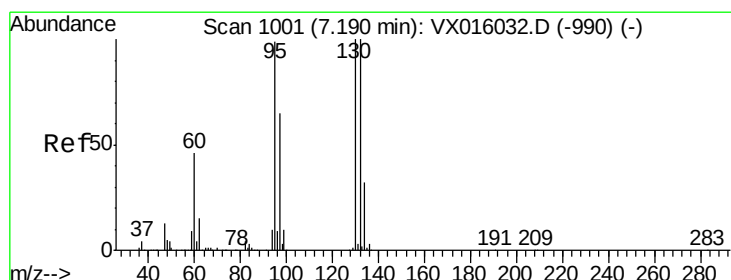
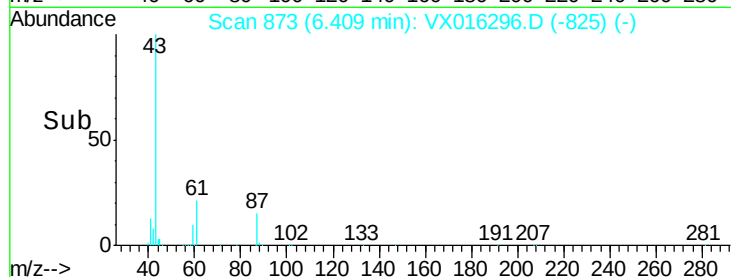
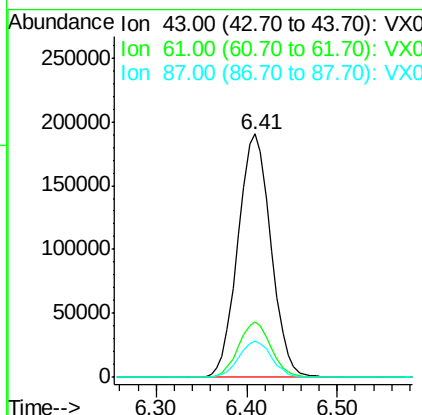
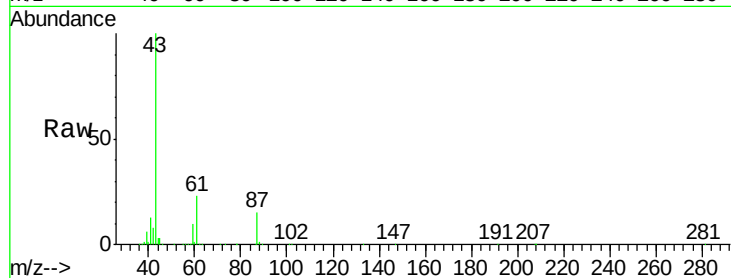
#43
Isopropyl Acetate
Concen: 54.398 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	479457
Ion Ratio	100	Lower	Upper
43	100		
61	22.5	17.0	25.4
87	14.8	11.0	16.6

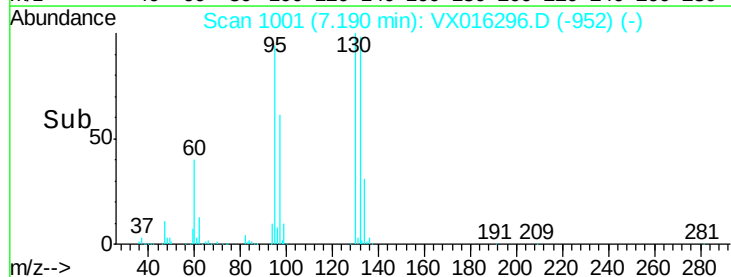
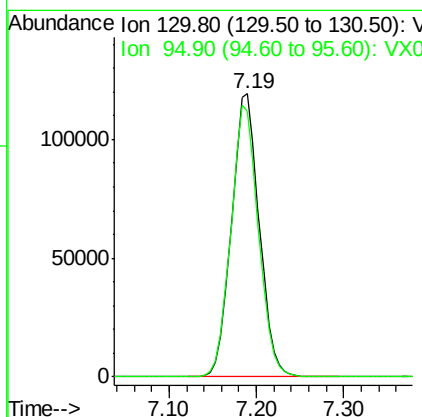
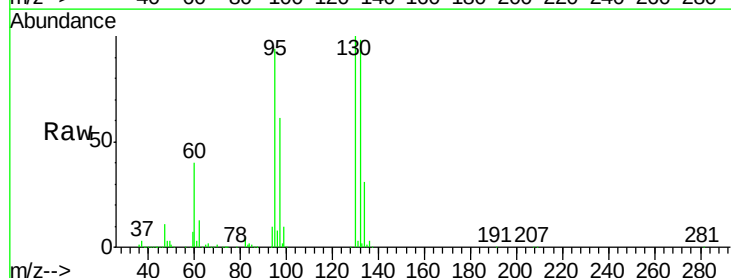
Manual Integrations
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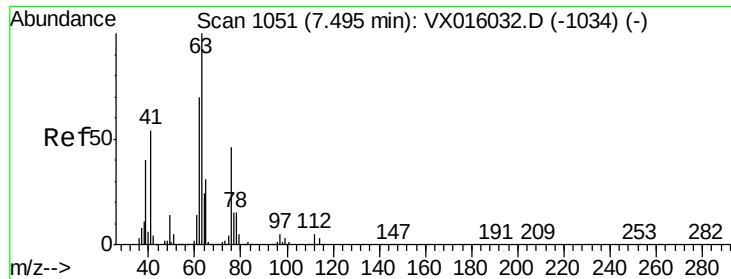
MMDadoda
5/19/2020 1:38:41 PM



#44
Trichloroethene
Concen: 53.019 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	130	Resp	262676
Ion Ratio	100	Lower	Upper
130	100		
95	93.9	0.0	197.4





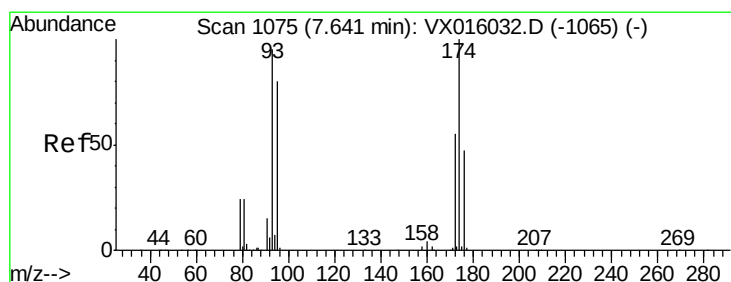
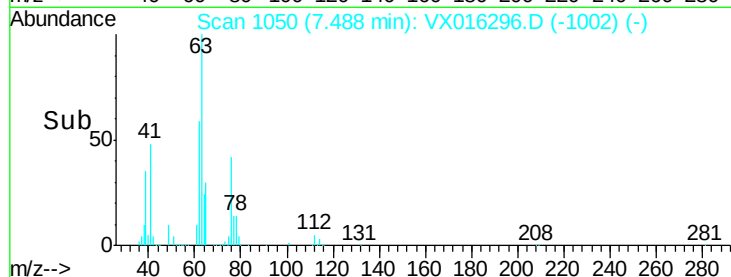
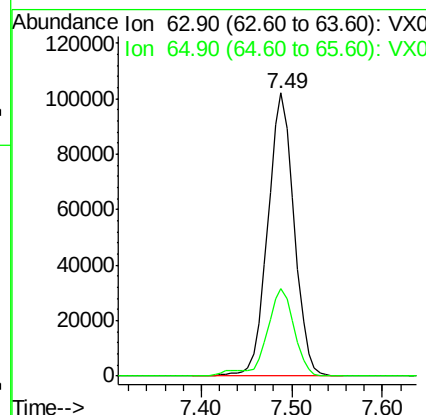
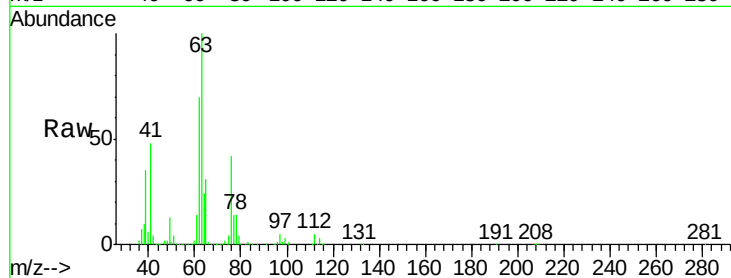
#45
 1,2-Dichloropropane
 Concen: 57.945 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	204471		
65	31.1		24.4	36.6

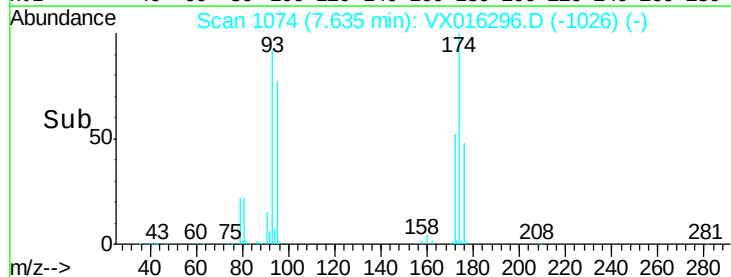
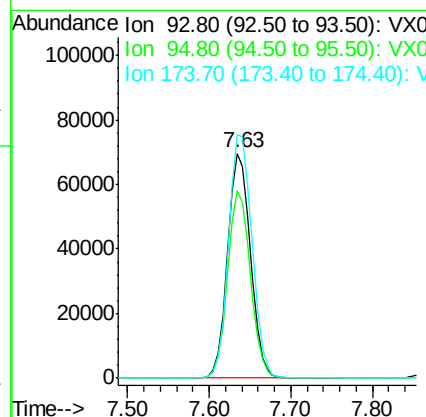
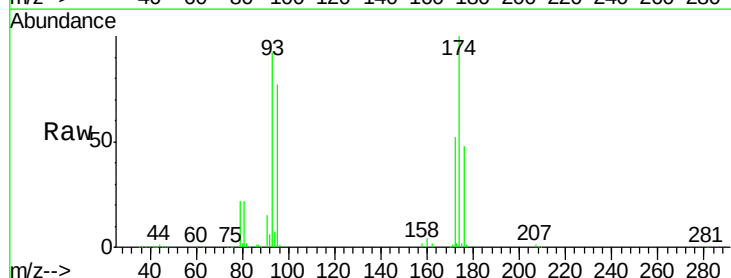
Manual Integrations
 APPROVED

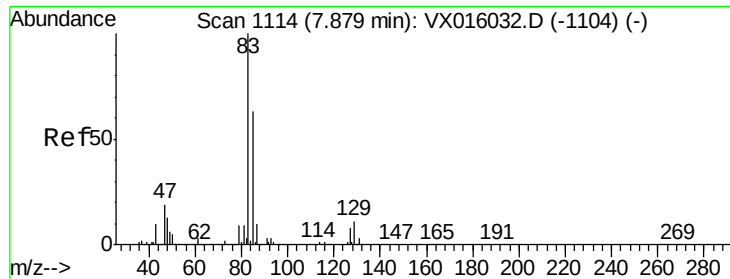
MMDadoda
 5/19/2020 1:38:41 PM



#46
 Dibromomethane
 Concen: 56.372 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	135181		
95	83.3		66.6	100.0
174	110.6		84.2	126.4





#47

Bromodichloromethane

Concen: 58.303 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

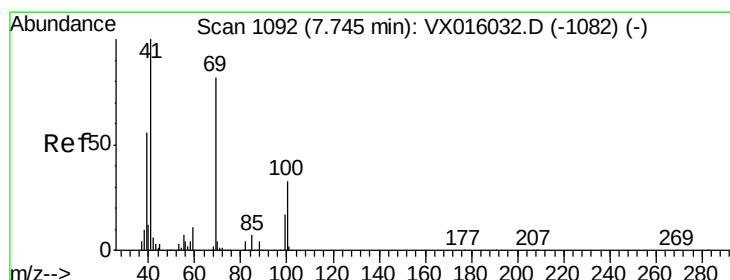
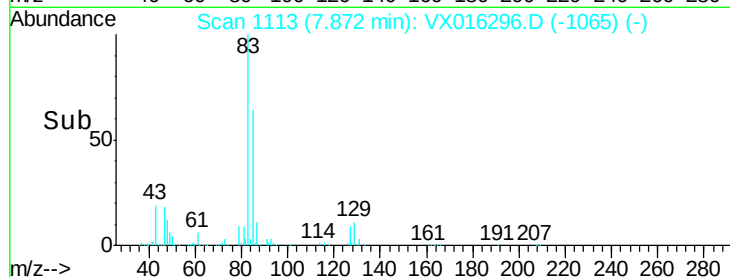
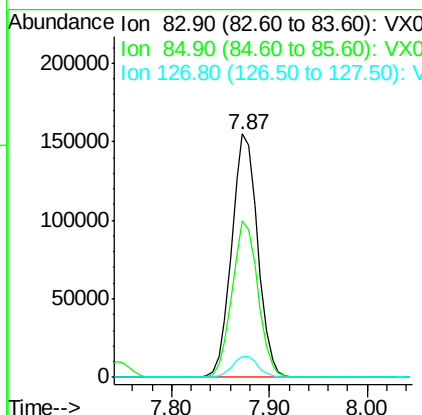
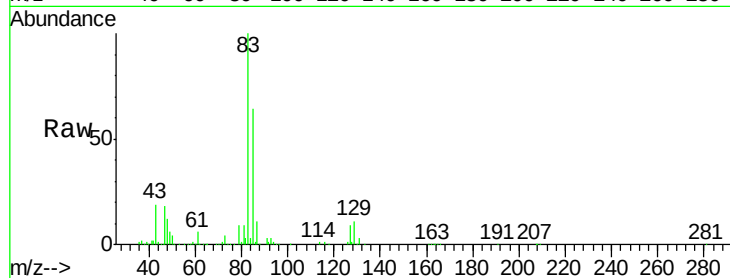
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	284743
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.5	75.7
127	8.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.374 ug/l

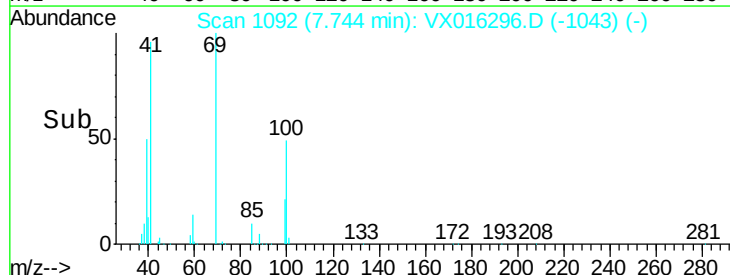
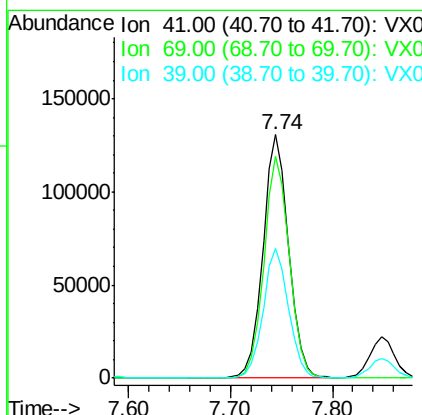
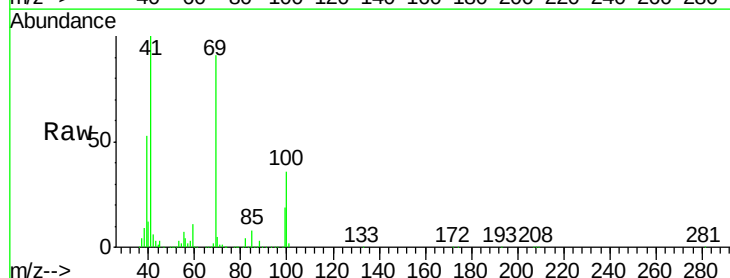
RT: 7.74 min Scan# 1092

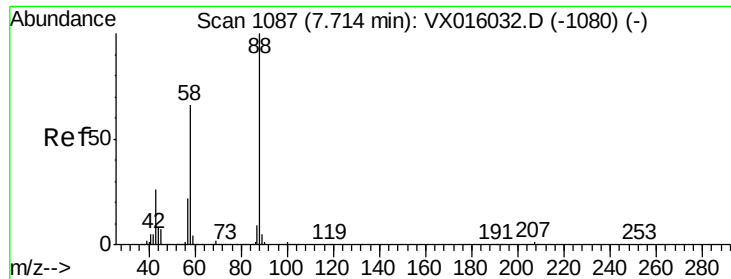
Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	41	Resp:	227089
Ion Ratio	Lower	Upper	
41	100		
69	90.4	67.8	101.6
39	53.1	44.6	67.0





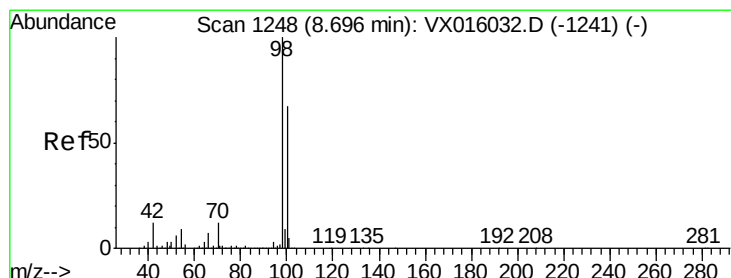
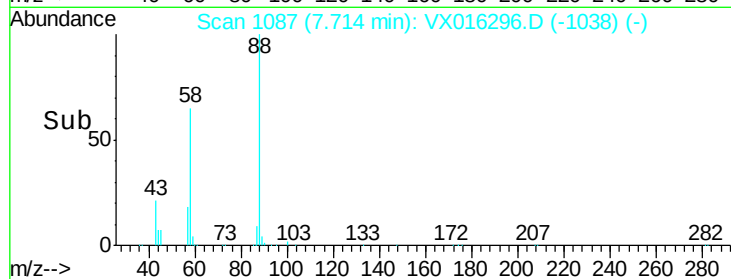
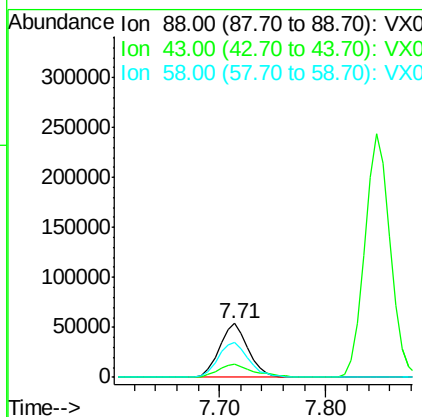
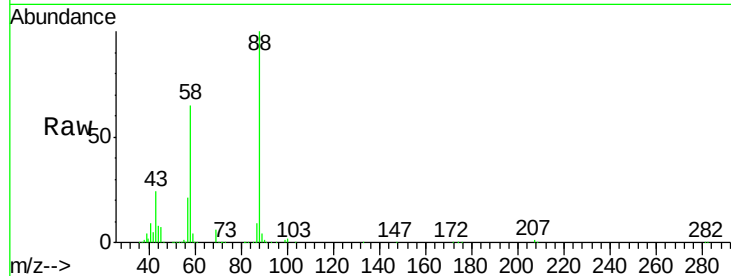
#49
1,4-Dioxane
Concen: 1001.826 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	25.3	37.9
58	69.1	55.9	83.9

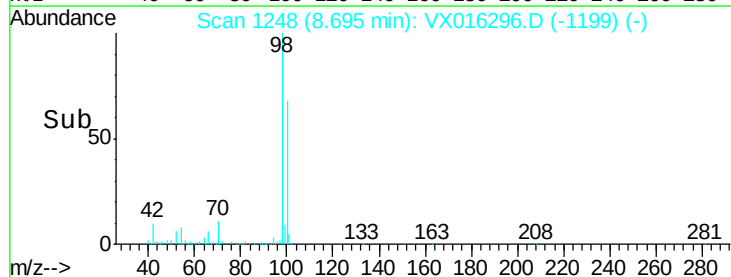
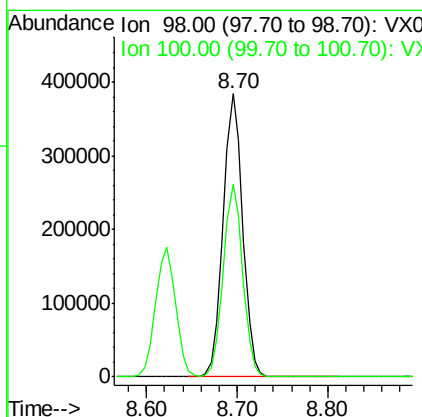
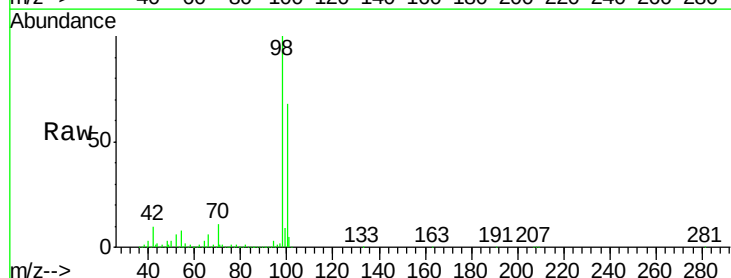
Manual Integrations
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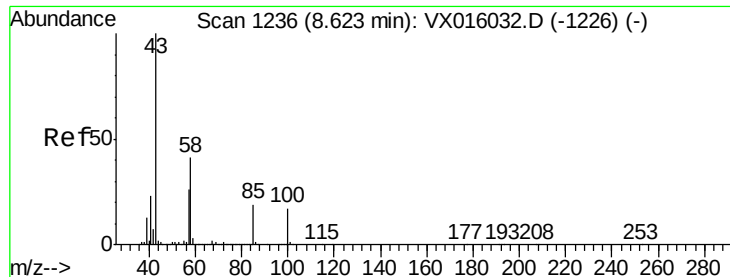
MMDadoda
5/19/2020 1:38:41 PM



#50
Toluene-d8
Concen: 48.876 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.7	80.5





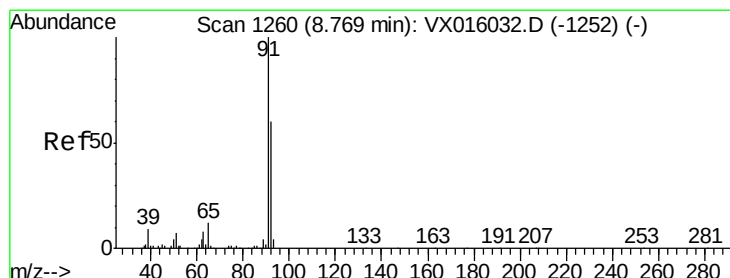
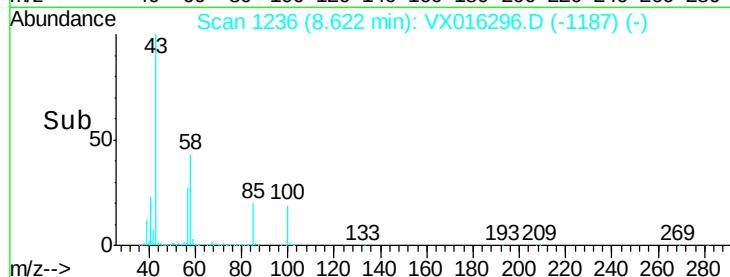
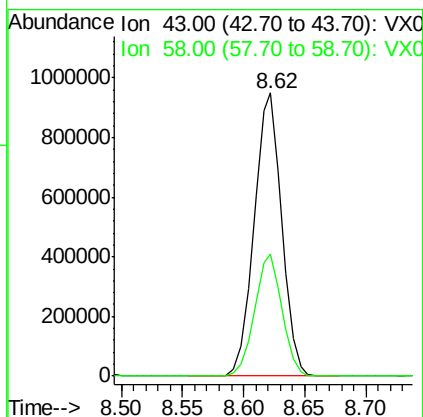
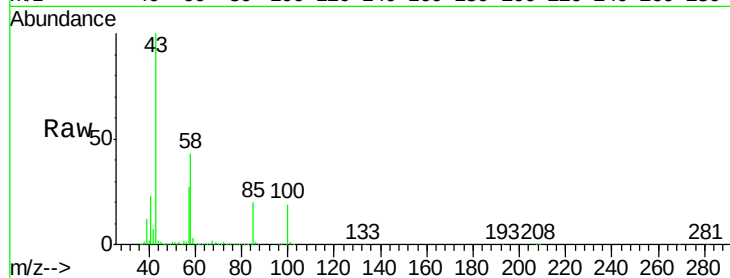
#51
4-Methyl-2-Pentanone
Concen: 276.205 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1489737
Ion Ratio Lower Upper
43 100
58 42.6 33.0 49.4

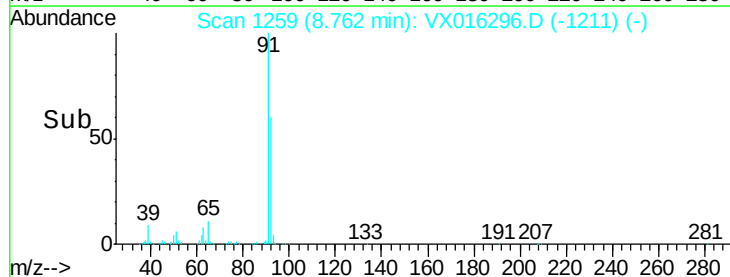
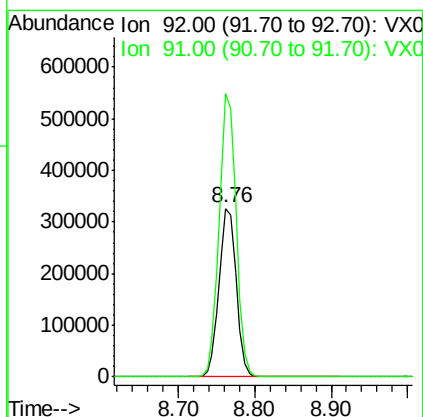
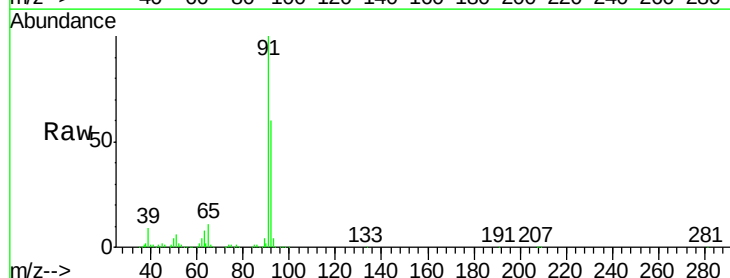
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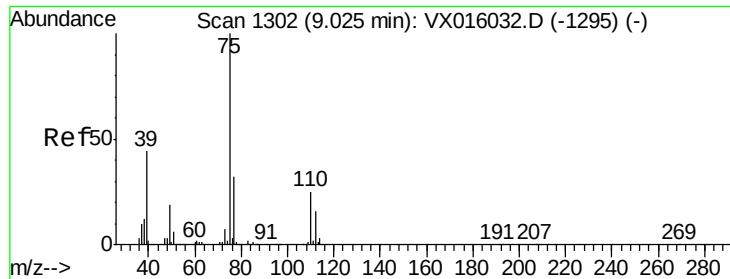
MMDadoda
5/19/2020 1:38:41 PM



#52
Toluene
Concen: 58.405 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 92 Resp: 507680
Ion Ratio Lower Upper
92 100
91 166.8 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 57.836 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 336783

Ion Ratio Lower Upper

75 100

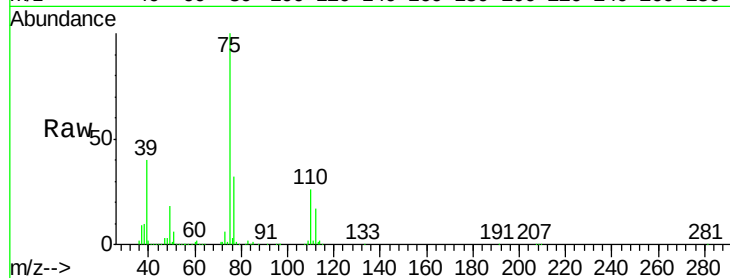
77 31.9 25.7 38.5

Manual Integrations

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MMDadoda

5/19/2020 1:38:41 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

250000

200000

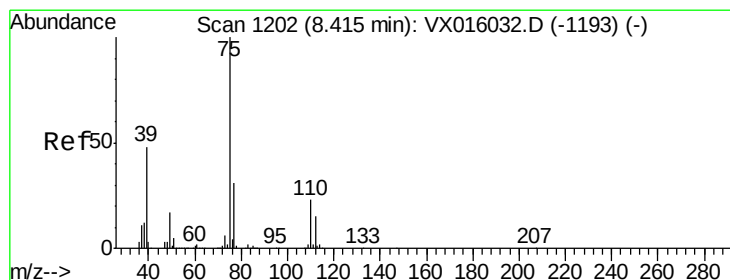
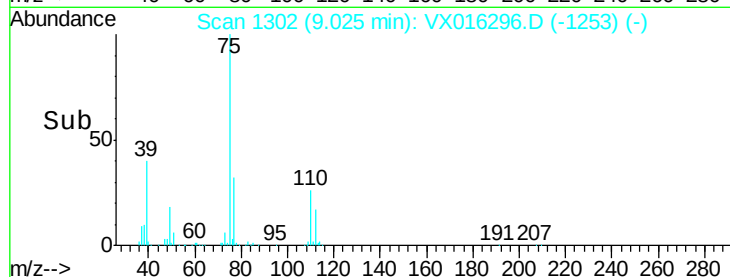
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 58.427 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

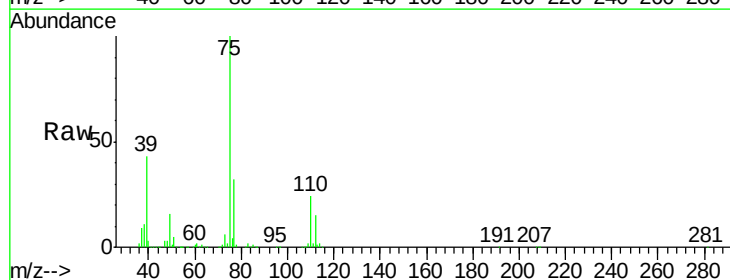
Tgt Ion: 75 Resp: 355368

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 43.4 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

300000

250000

200000

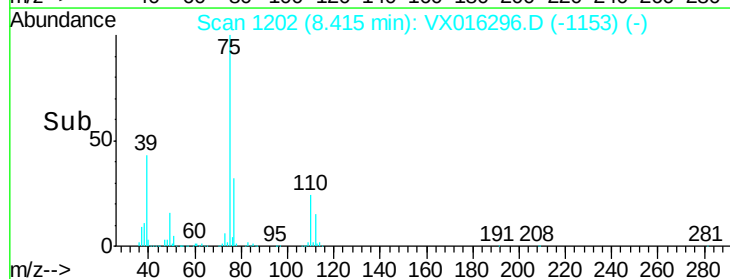
150000

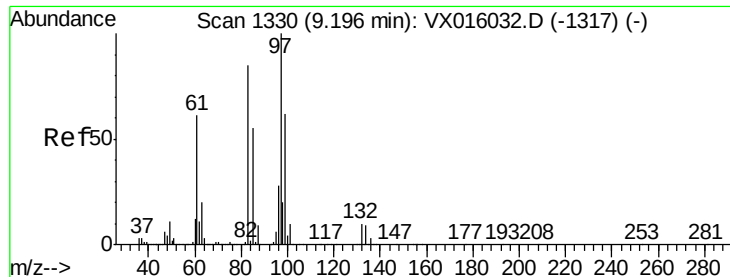
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 58.622 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

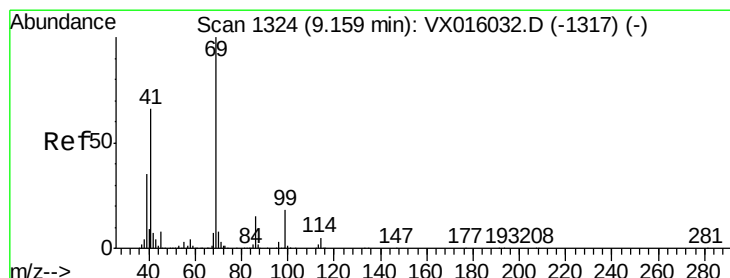
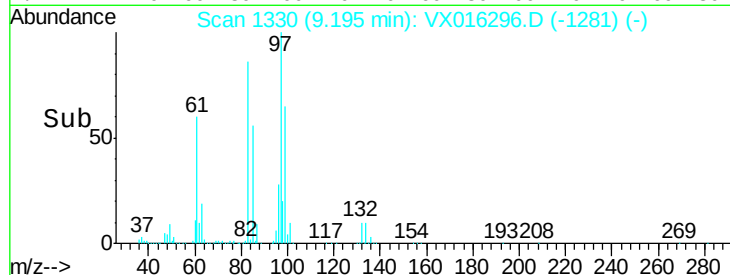
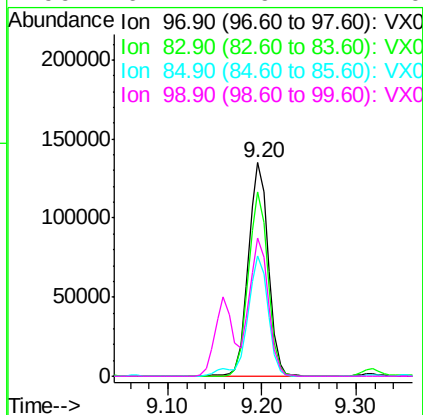
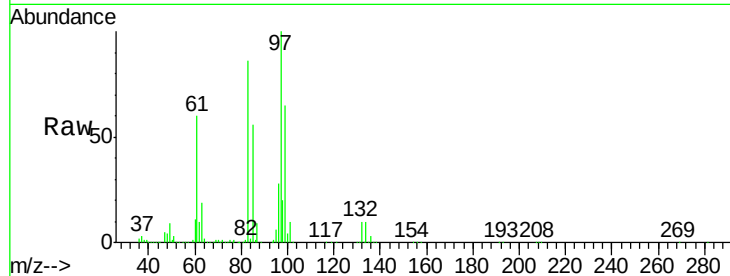
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		200483		
83	86.3	67.8	101.8		
85	56.1	43.8	65.8		
99	64.7	49.4	74.0		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 60.068 ug/l

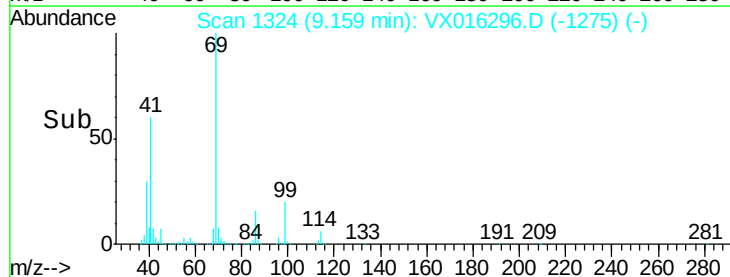
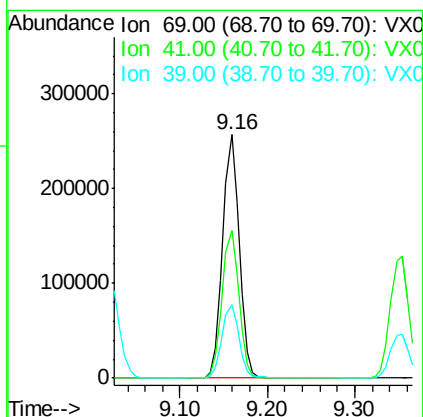
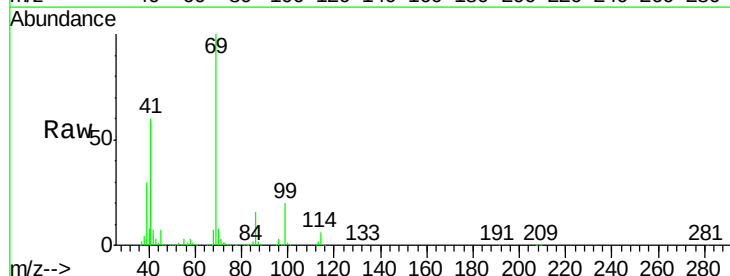
RT: 9.16 min Scan# 1324

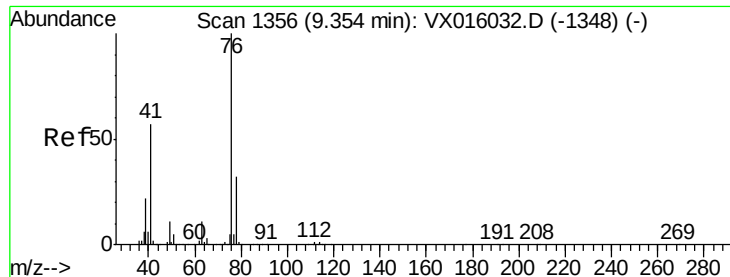
Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		335325		
41	61.4	52.2	78.4		
39	31.2	28.2	42.4		





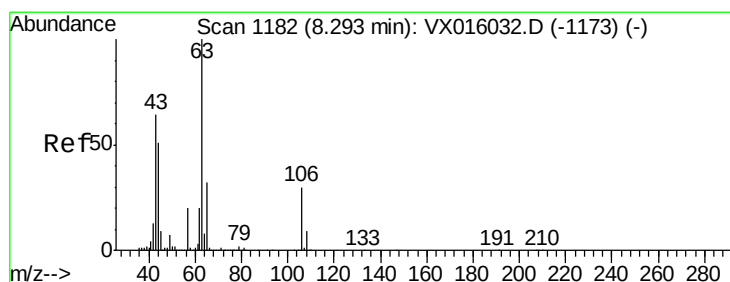
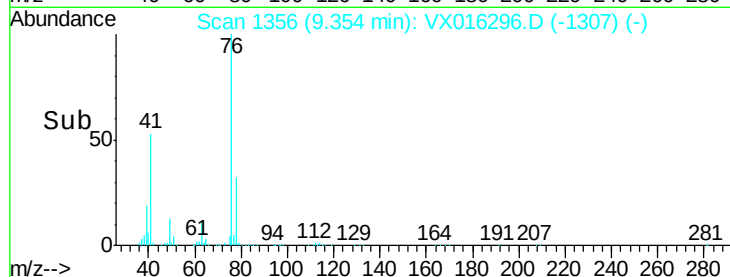
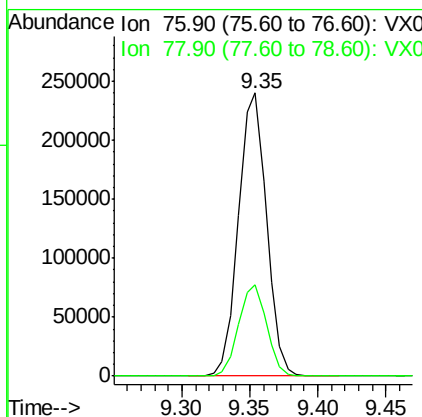
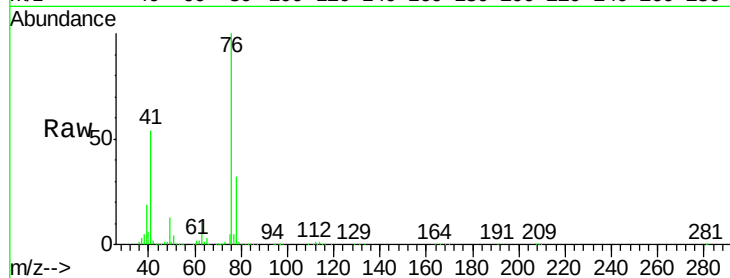
#57
 1,3-Dichloropropane
 Concen: 58.032 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

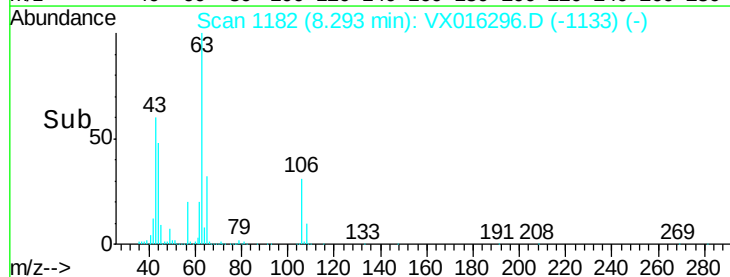
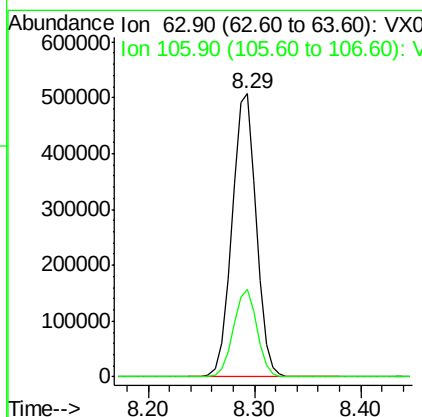
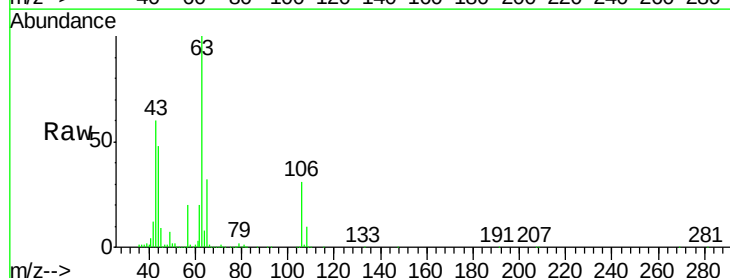
Manual Integrations
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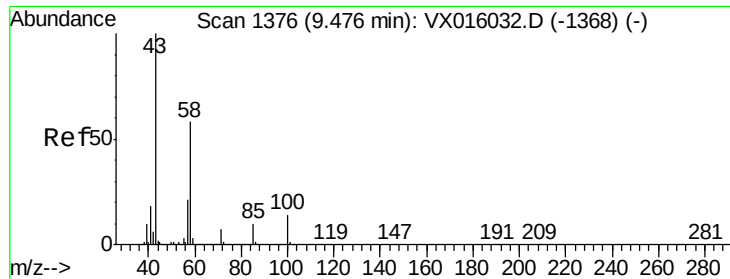
MMDadoda
 5/19/2020 1:38:41 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.784 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.4	35.2





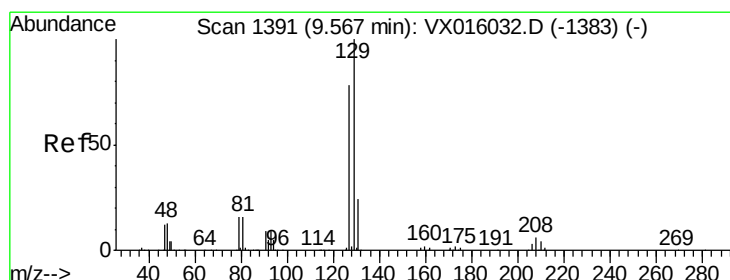
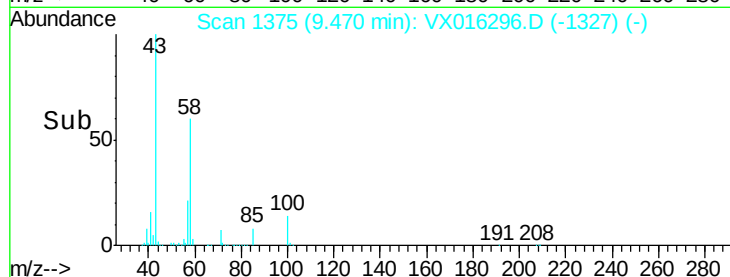
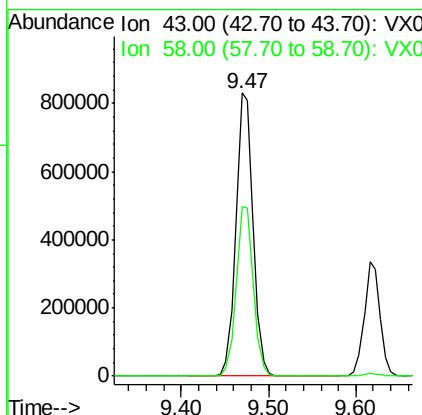
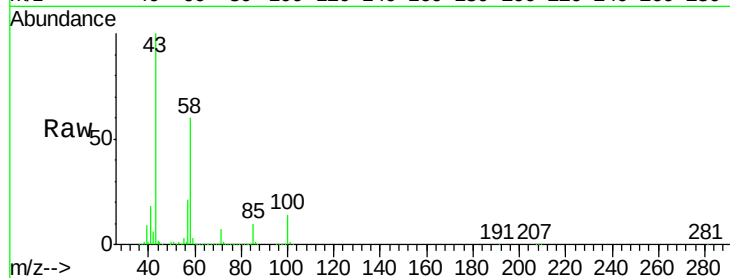
#59
2-Hexanone
Concen: 270.830 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1147159
Ion Ratio Lower Upper
43 100
58 60.1 28.6 85.9

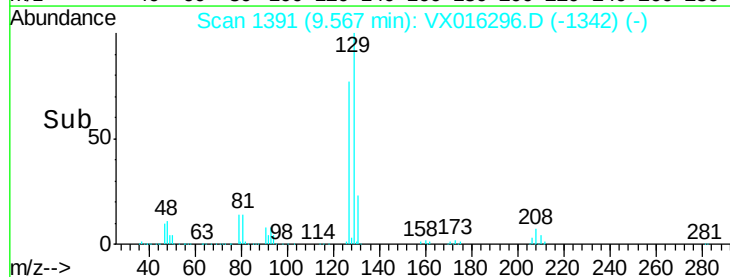
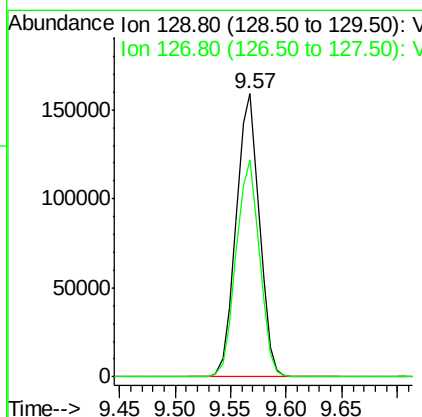
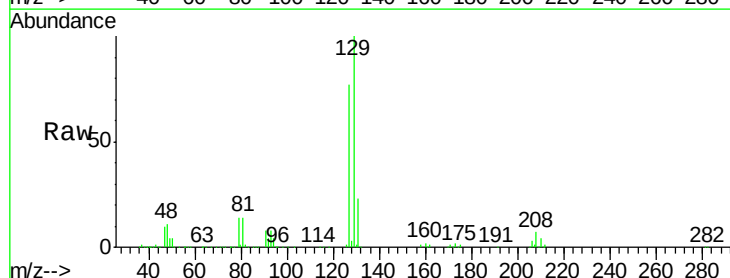
Manual Integrations
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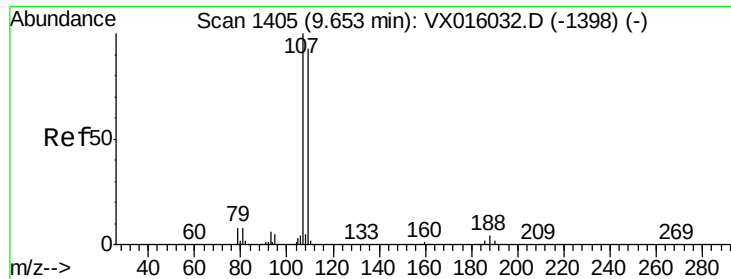
MMDadoda
5/19/2020 1:38:41 PM



#60
Dibromochloromethane
Concen: 61.240 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 129 Resp: 230663
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 58.613 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 217125

Ion Ratio Lower Upper

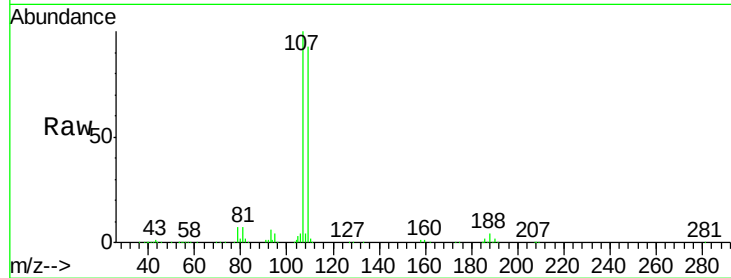
107 100

109 94.3 74.9 112.3

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

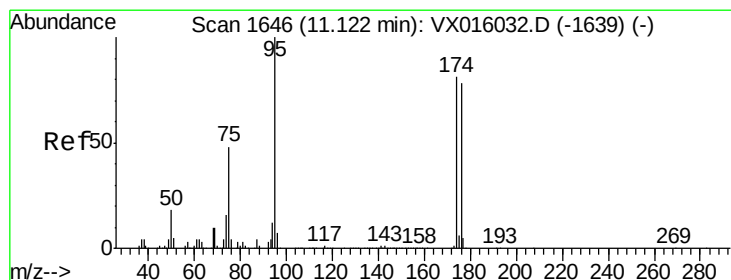
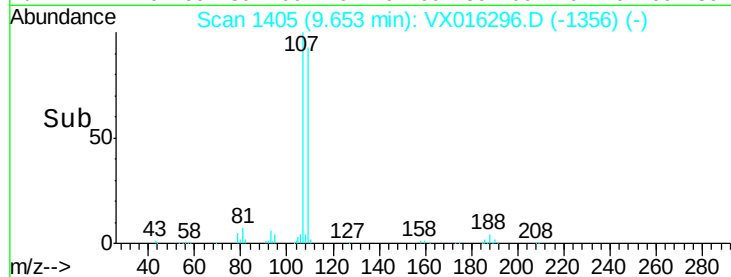
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.664 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

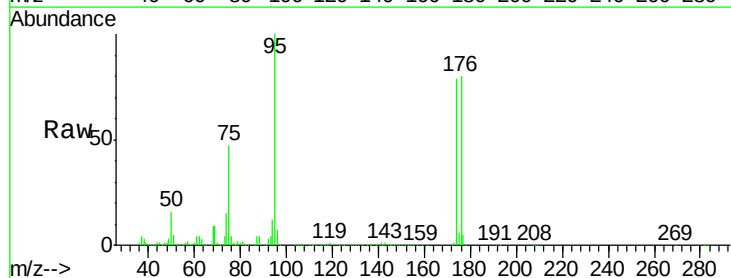
Tgt Ion: 95 Resp: 227762

Ion Ratio Lower Upper

95 100

174 81.8 0.0 159.4

176 80.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

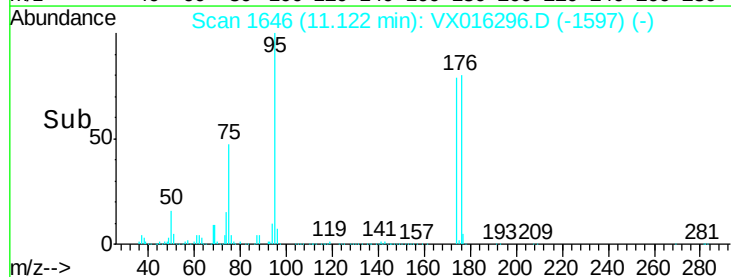
100000

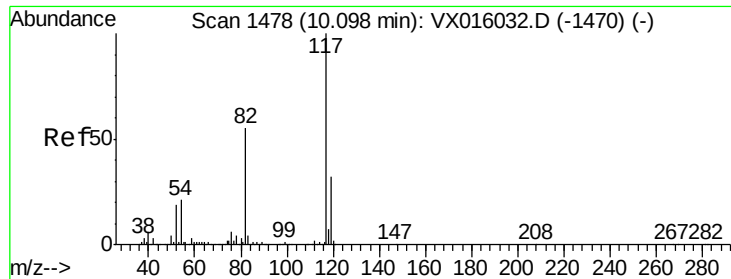
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

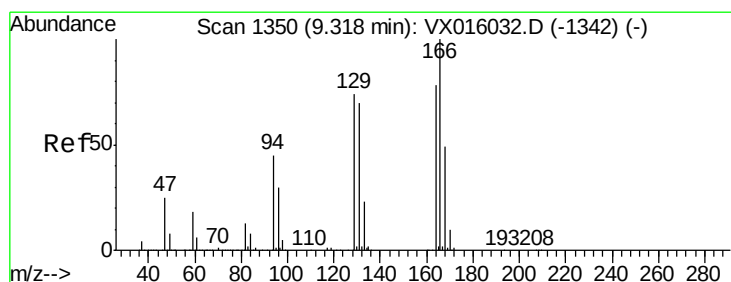
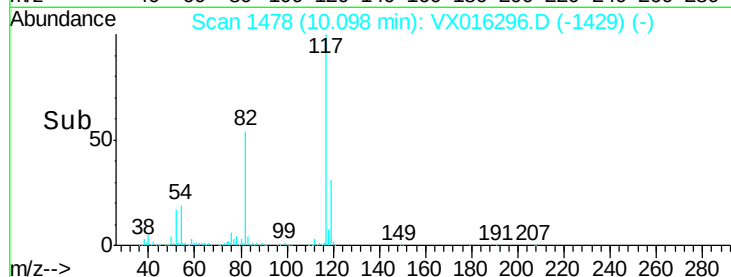
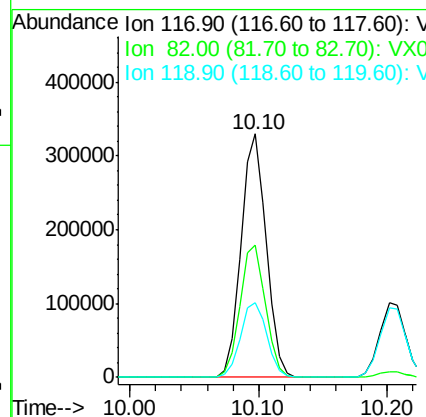
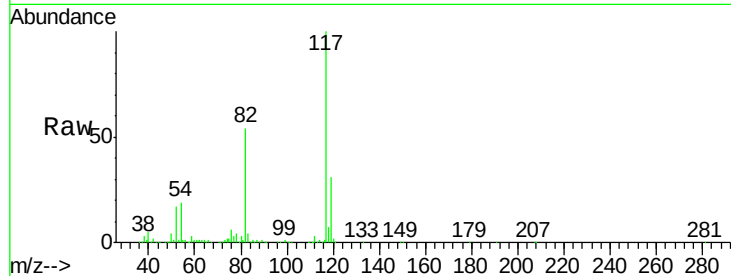
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	445095
Ion Ratio	Lower	Upper	
117	100		
82	54.5	44.4	66.6
119	30.8	25.5	38.3

Manual Integrations
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#64

Tetrachloroethene

Concen: 53.714 ug/l

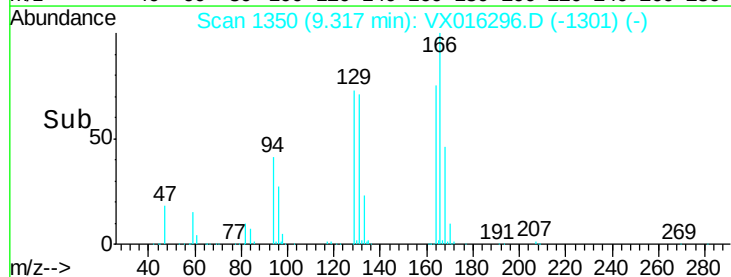
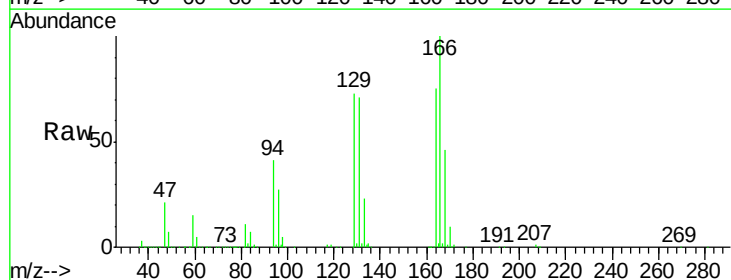
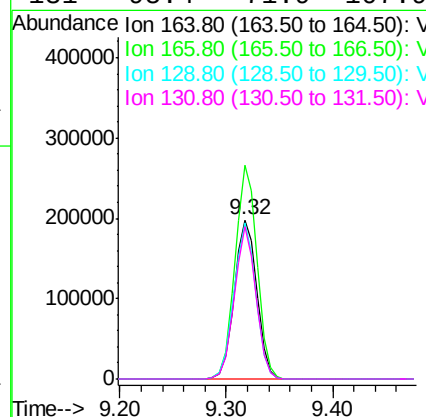
RT: 9.32 min Scan# 1350

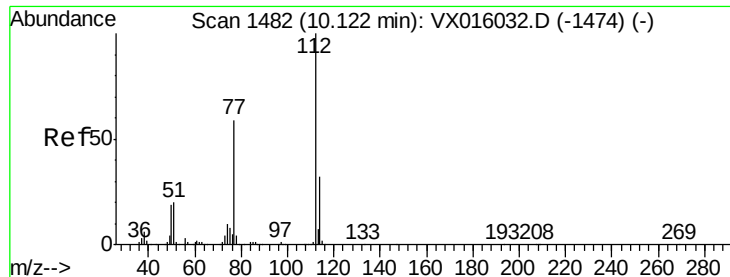
Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	164	Resp:	293500
Ion Ratio	Lower	Upper	
164	100		
166	134.1	102.9	154.3
129	97.7	76.1	114.1
131	95.4	71.9	107.9





#65

Chlorobenzene

Concen: 58.579 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 545939

Ion Ratio Lower Upper

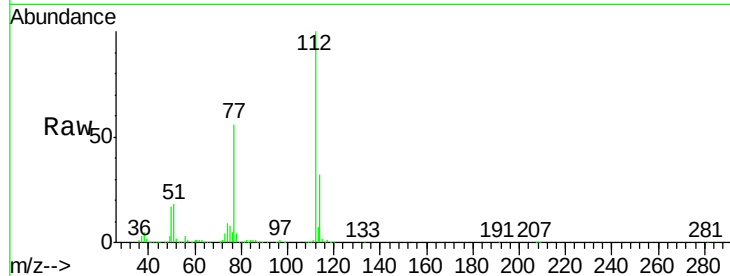
112 100

114 32.2 25.7 38.5

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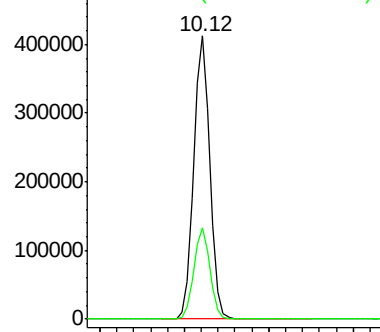
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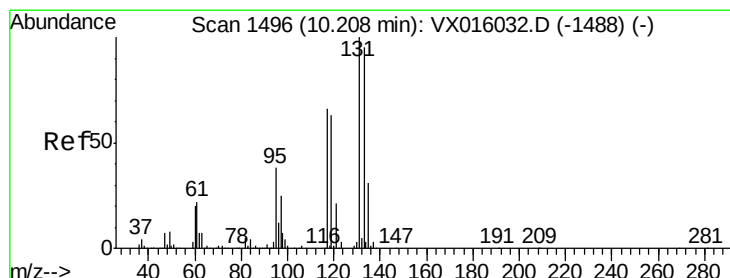
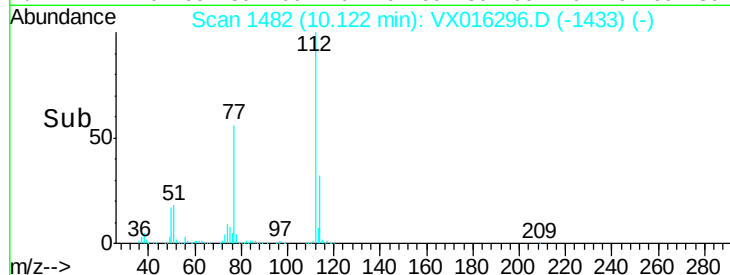


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 60.376 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

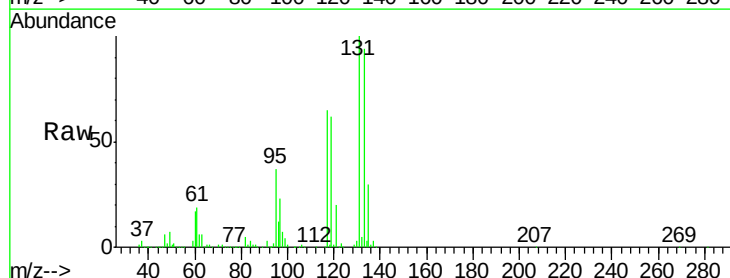
Tgt Ion:131 Resp: 207977

Ion Ratio Lower Upper

131 100

133 96.0 48.3 144.8

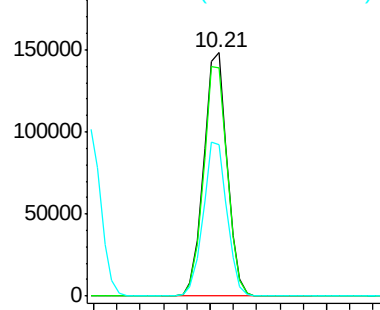
119 63.9 32.3 96.9



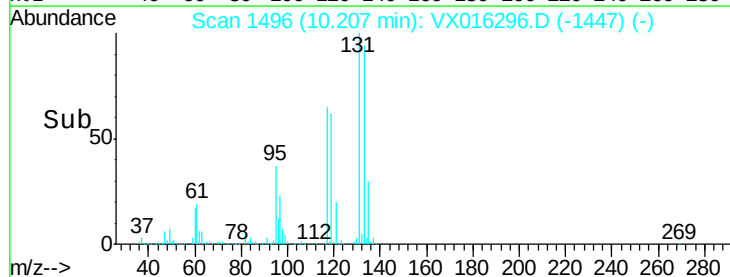
Abundance Ion 130.80 (130.50 to 131.50): V

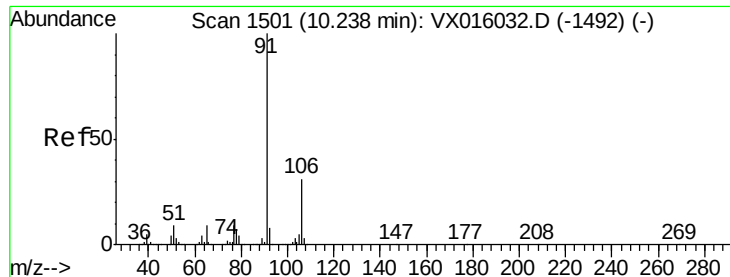
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 57.729 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 959967

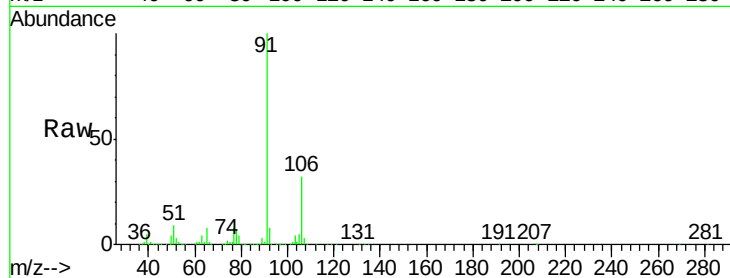
Ion Ratio Lower Upper

91 100

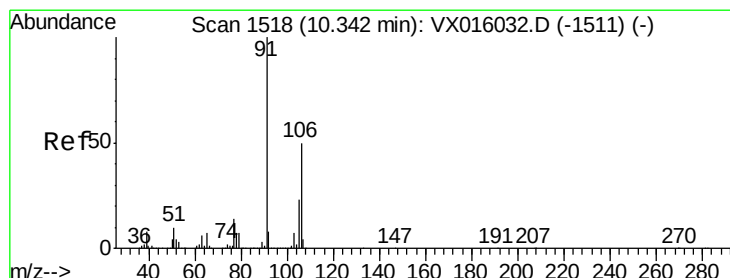
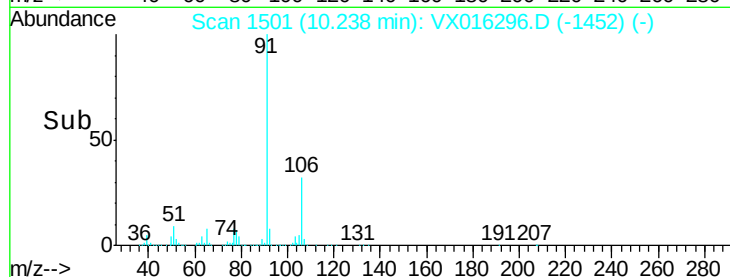
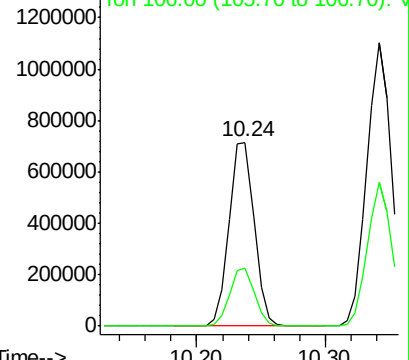
106 31.9 25.1 37.7

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX016296.D (-1452) (-)



#68

m/p-Xylenes

Concen: 117.278 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016296.D

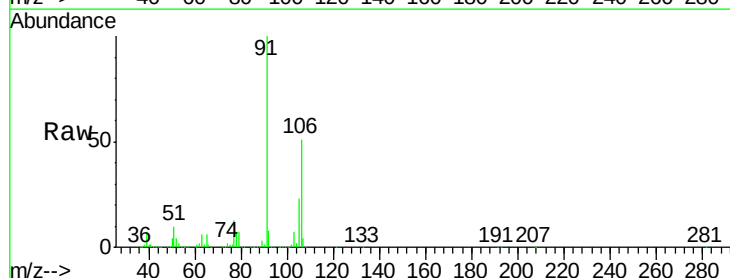
Acq: 18 May 2020 13:57

Tgt Ion: 106 Resp: 730666

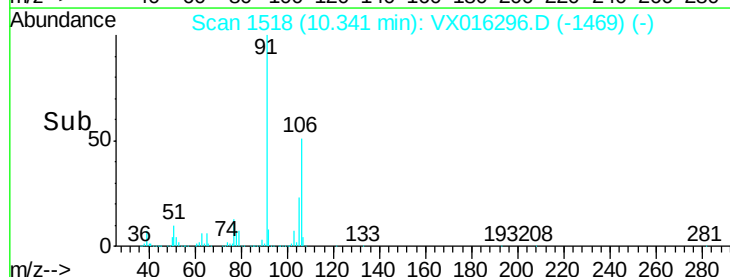
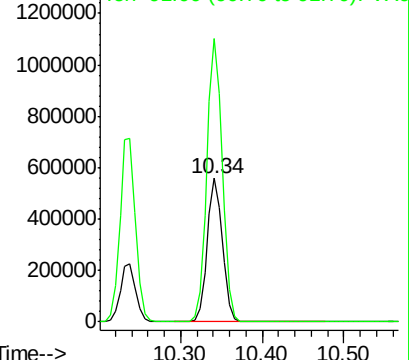
Ion Ratio Lower Upper

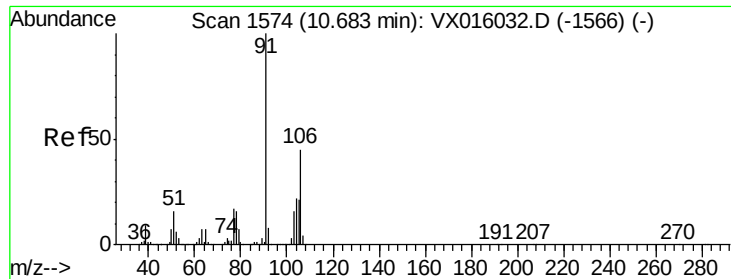
106 100

91 200.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016296.D (-1469) (-)





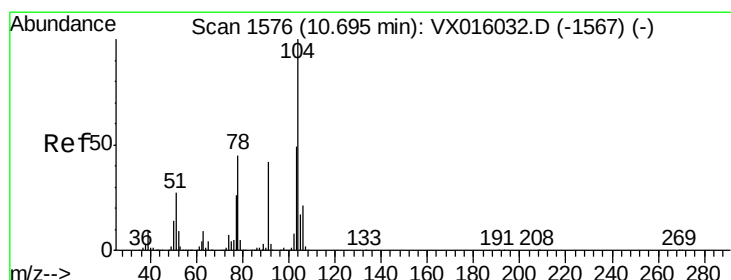
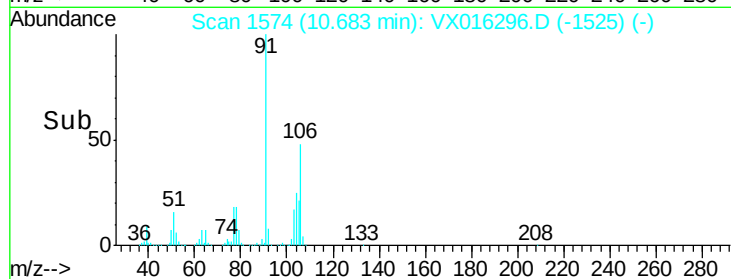
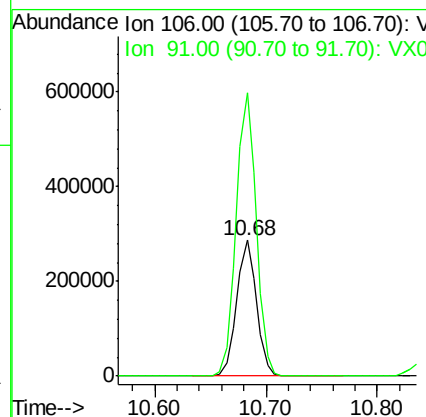
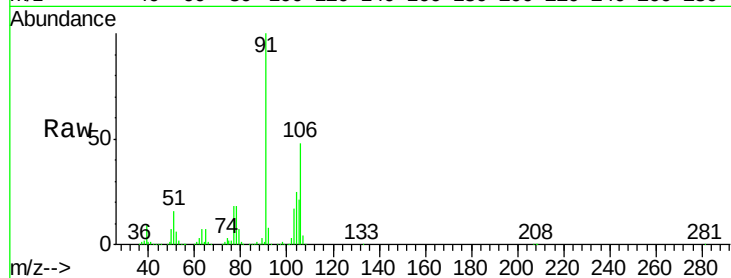
#69
o-Xylene
Concen: 58.998 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	353324		
91	211.1	107.5	322.6		

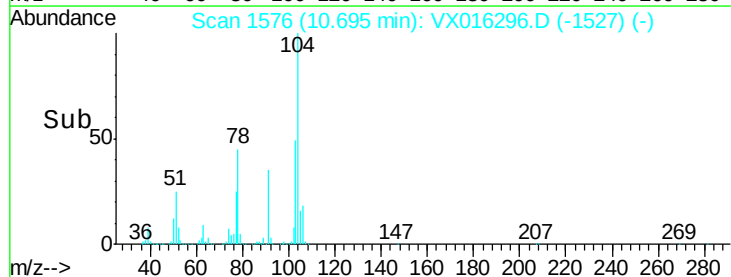
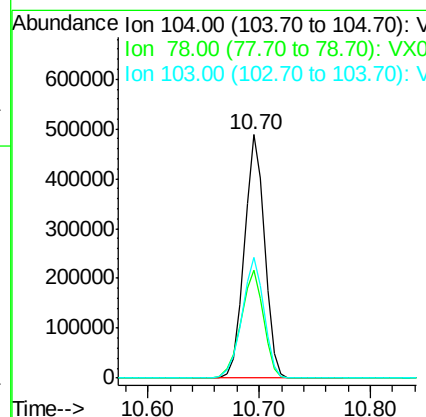
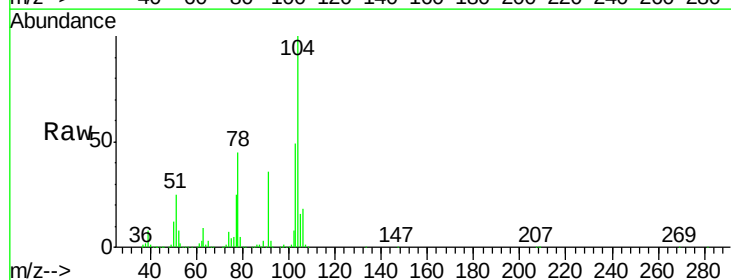
Manual Integrations
APPROVED

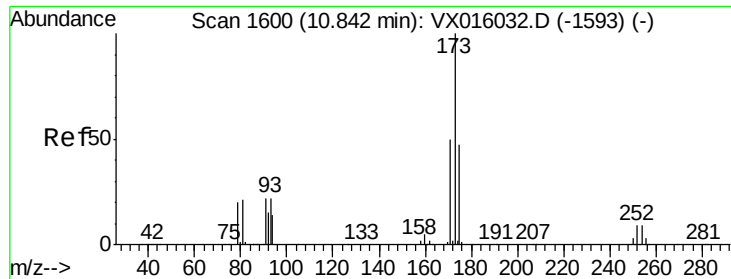
MMDadoda
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#70
Styrene
Concen: 60.350 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	613150		
78	49.6	40.2	60.2		
103	53.7	43.0	64.6		





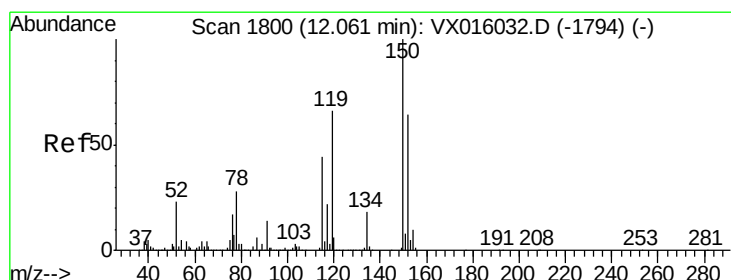
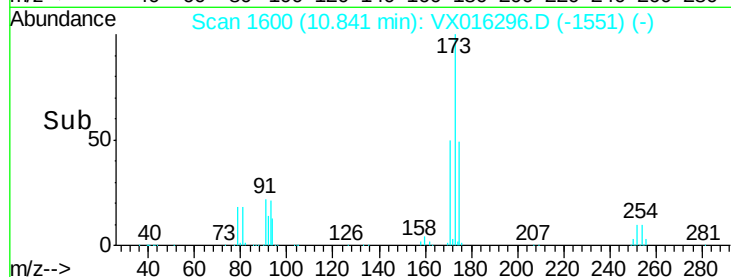
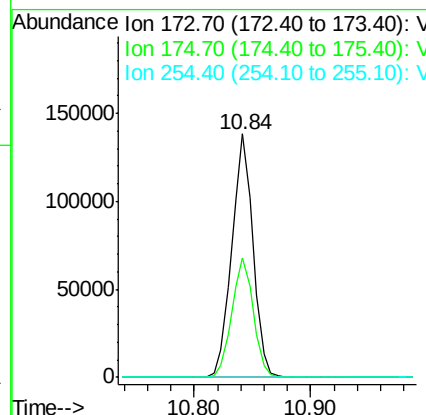
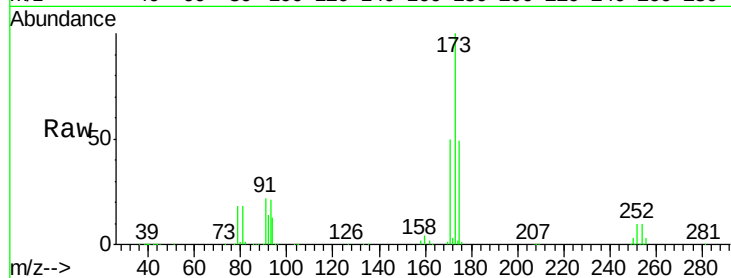
#71
Bromoform
Concen: 62.092 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.0	72.0
254	0.2	0.1	0.1#

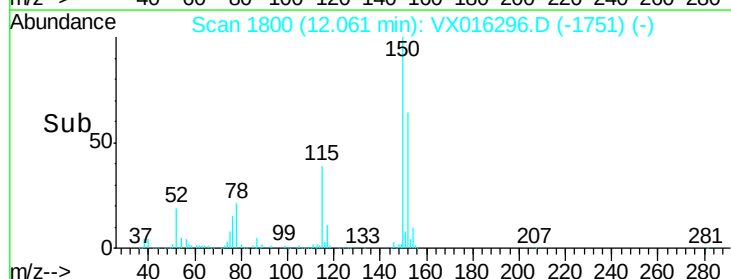
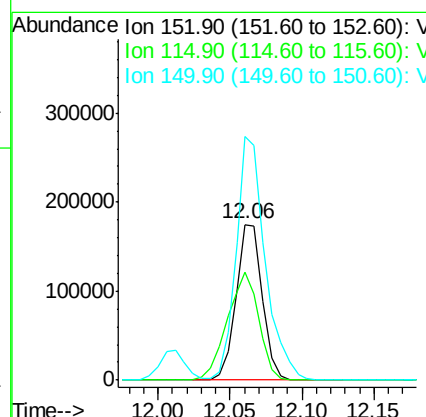
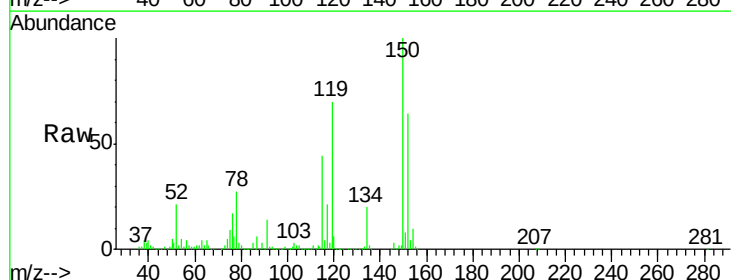
Manual Integrations
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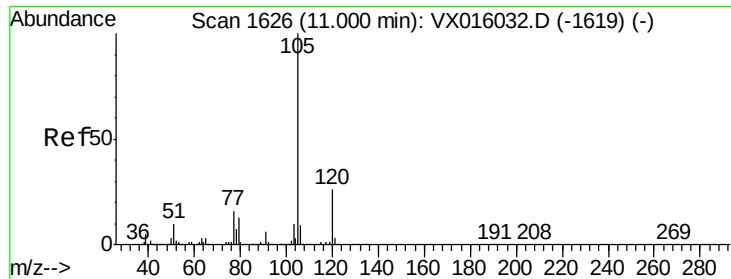
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.4	41.3	124.1
150	173.8	0.0	352.2





#73

Isopropylbenzene

Concen: 57.154 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 922816

Ion Ratio Lower Upper

105 100

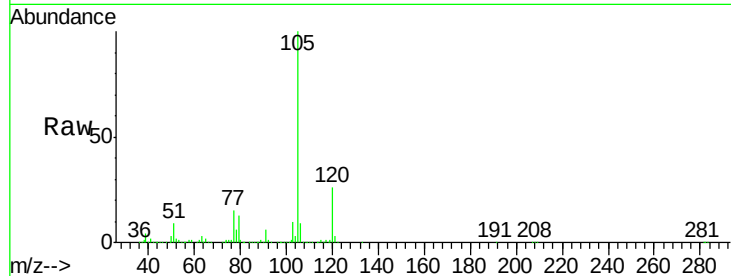
120 26.4 13.4 40.2

Manual Integrations

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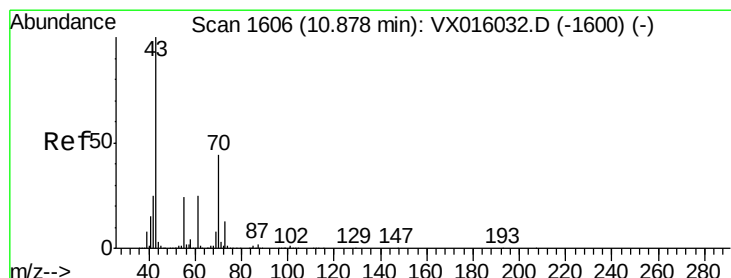
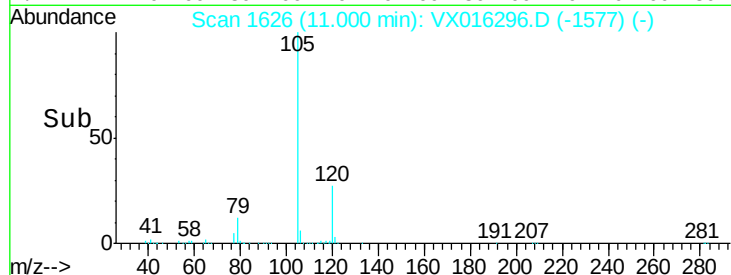
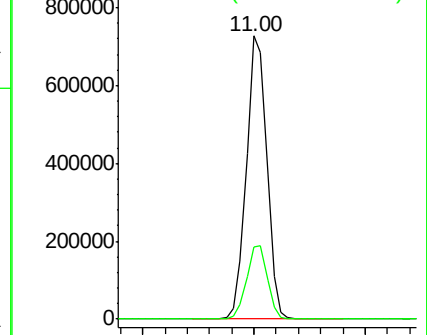
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.785 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion: 43 Resp: 420128

Ion Ratio Lower Upper

43 100

70 47.0 36.5 54.7

55 25.2 19.7 29.5

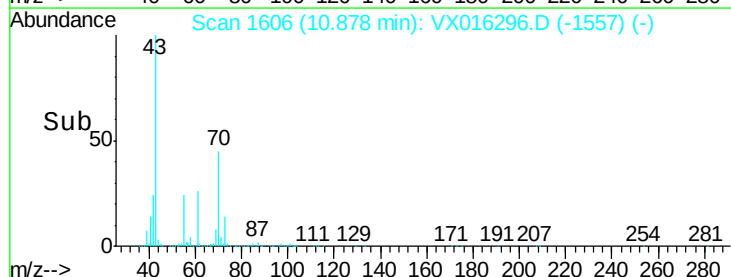
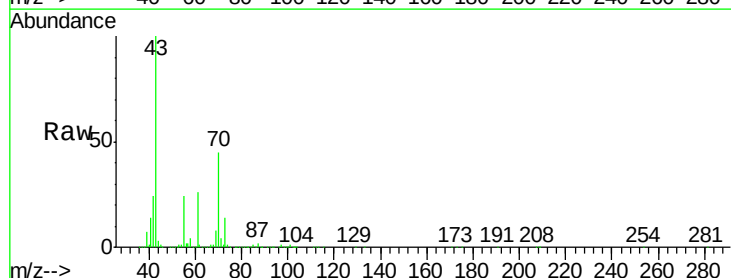
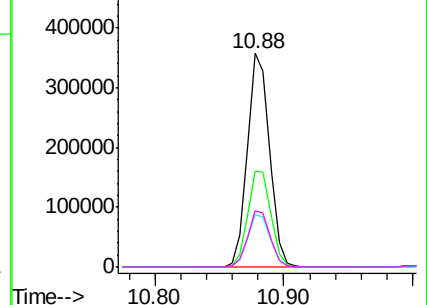
61 26.6 20.9 31.3

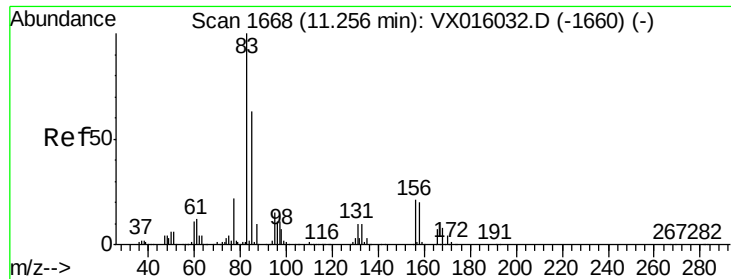
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 66.898 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

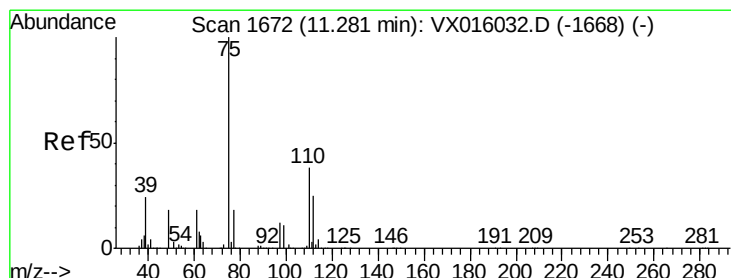
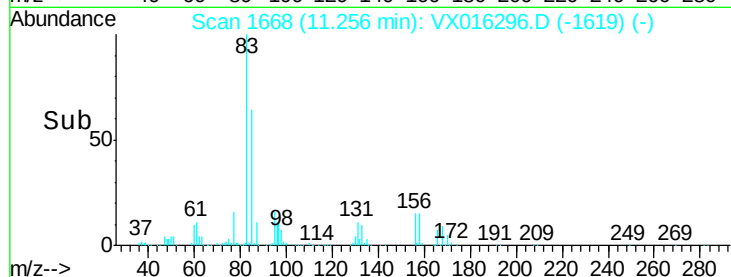
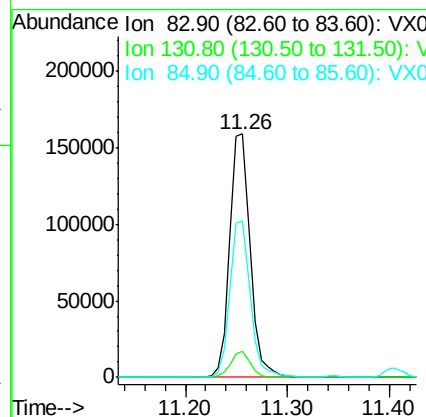
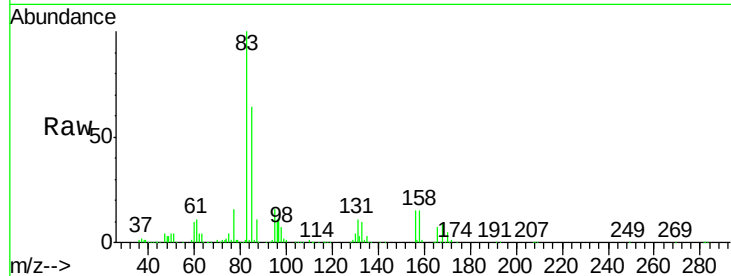
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	221150
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.231 ug/l m

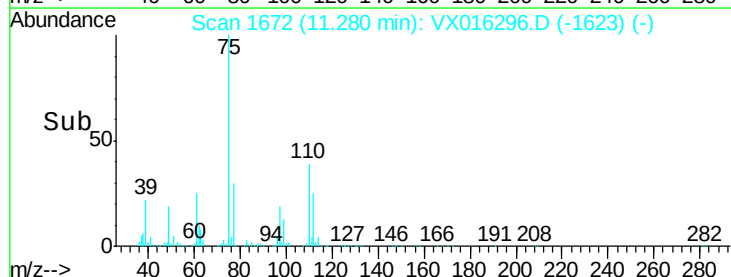
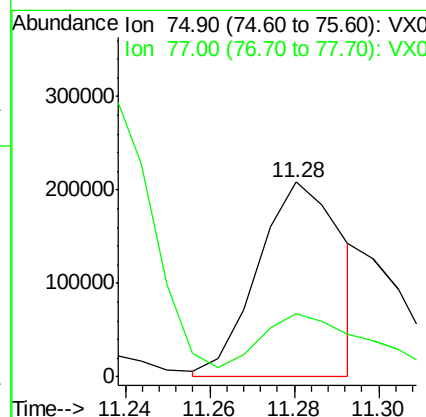
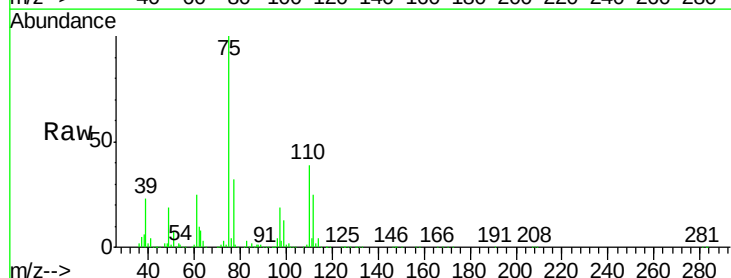
RT: 11.28 min Scan# 1672

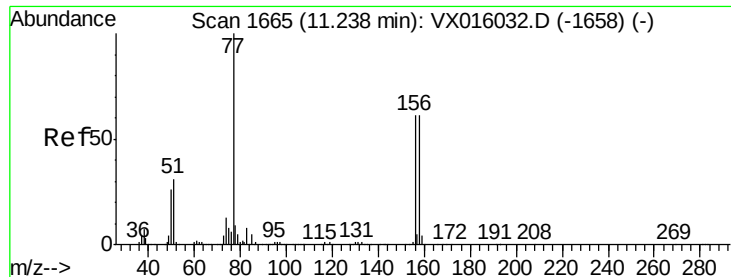
Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	75	Resp:	288297
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.2	63.6





#77

Bromobenzene

Concen: 57.934 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

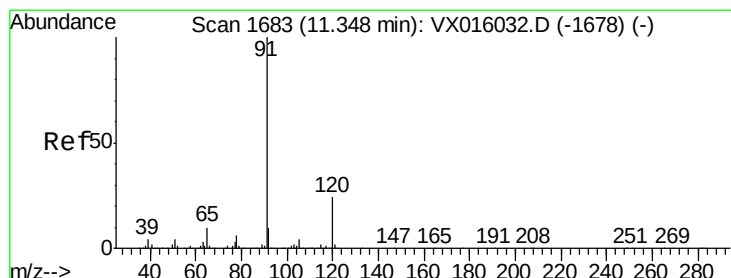
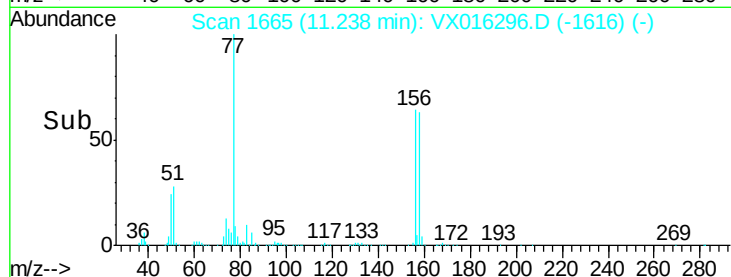
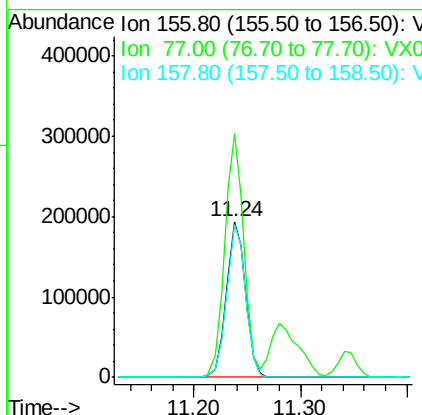
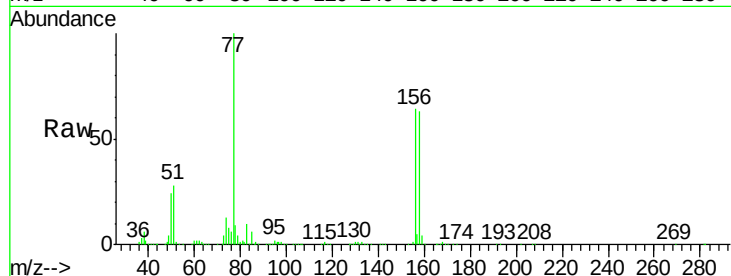
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	241446
Ion Ratio	Lower	Upper	
156	100		
77	157.2	80.1	240.3
158	97.2	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 55.267 ug/l

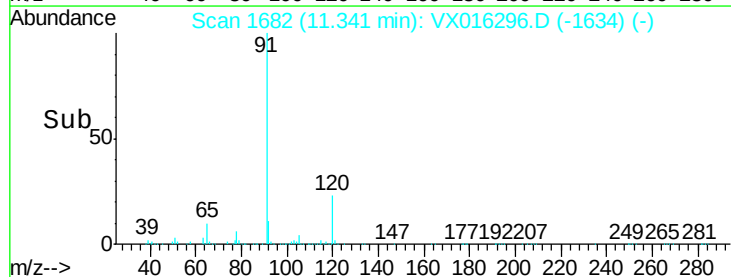
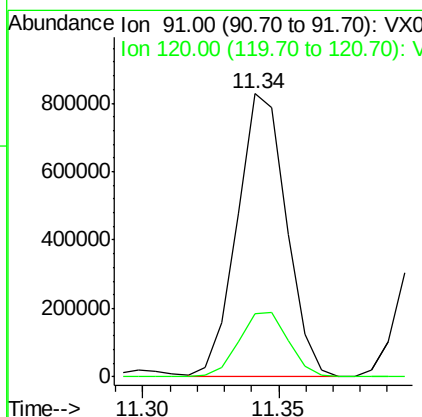
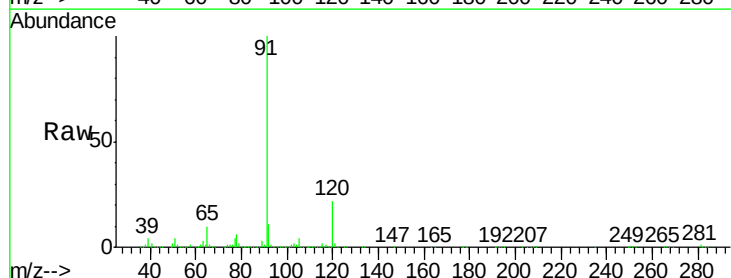
RT: 11.34 min Scan# 1682

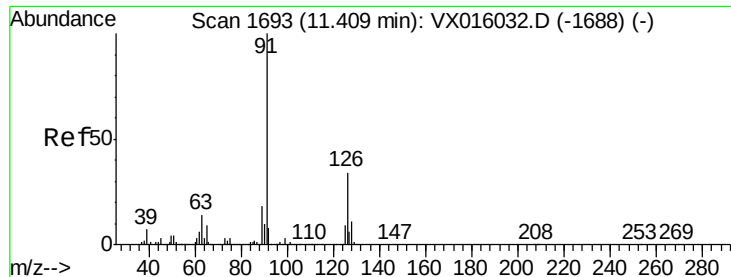
Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	91	Resp:	1038106
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5





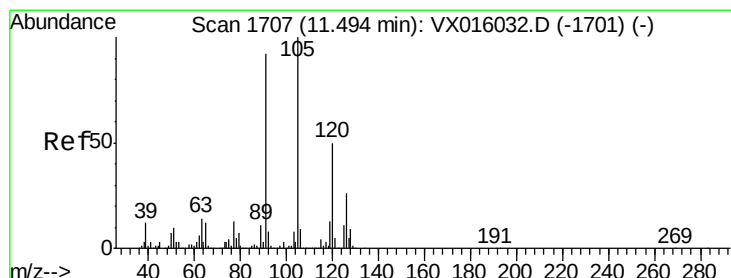
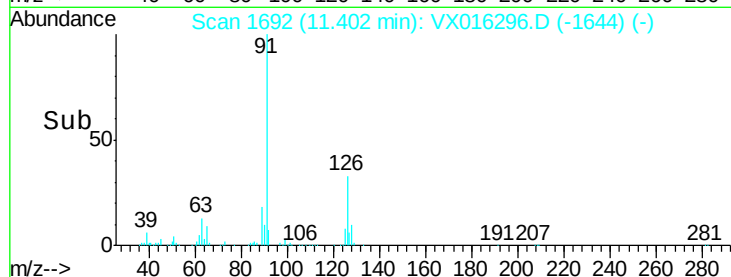
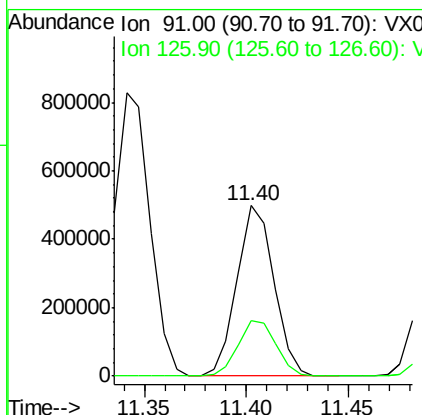
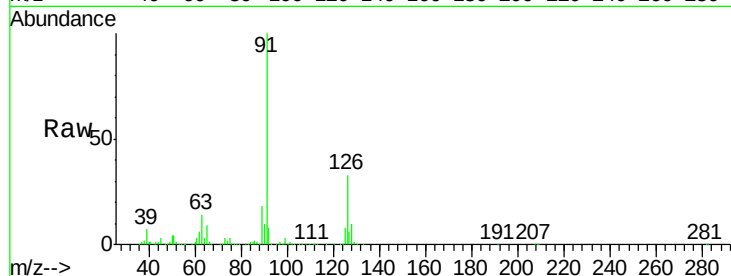
#79
2-Chlorotoluene
Concen: 56.837 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 630170
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6

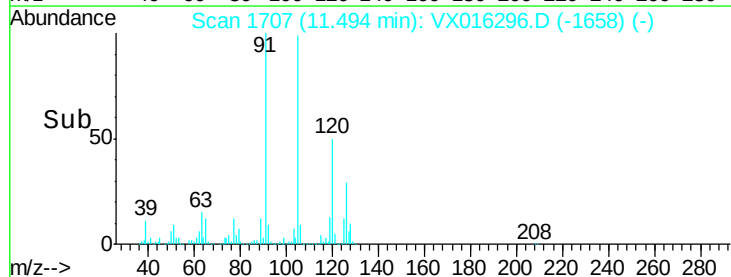
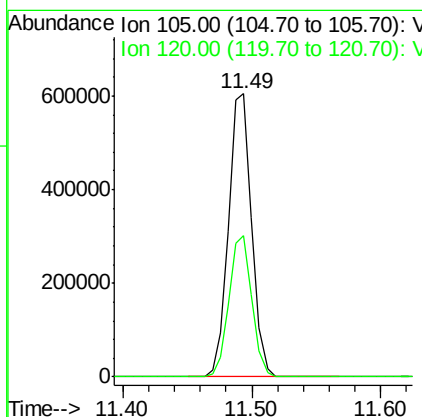
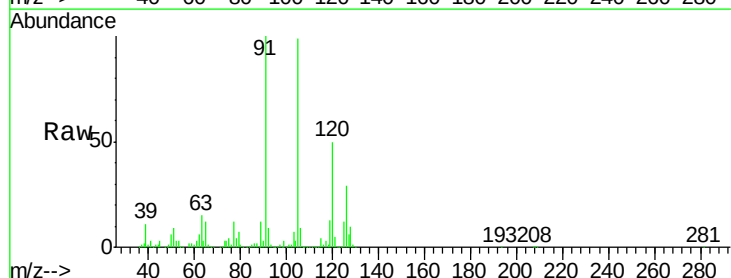
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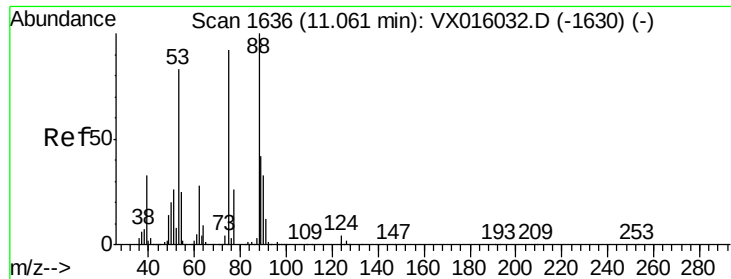
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 55.786 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 105 Resp: 760512
Ion Ratio Lower Upper
105 100
120 49.7 24.6 74.0





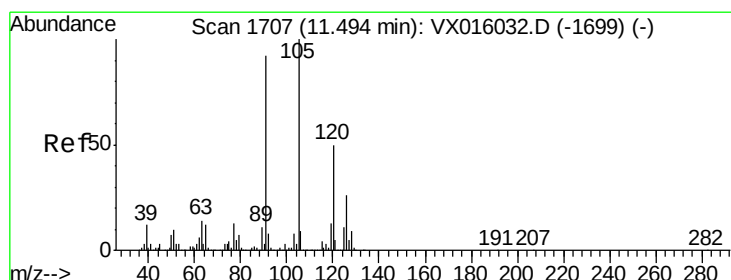
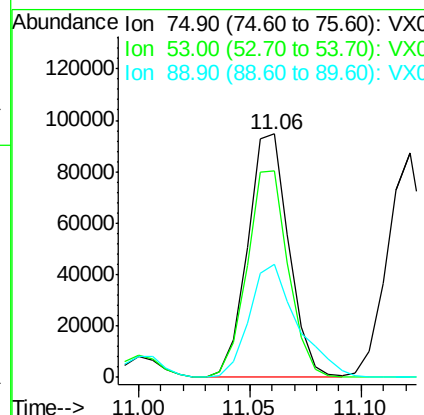
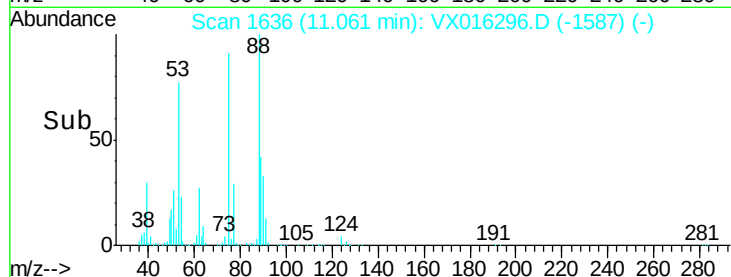
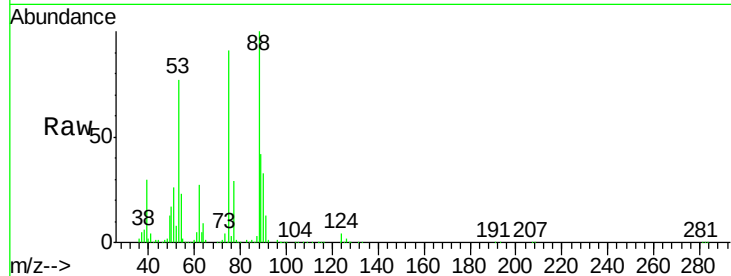
#81
trans-1,4-Dichloro-2-butene
Concen: 57.593 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.2	73.1	109.7
89	54.8	36.7	55.1

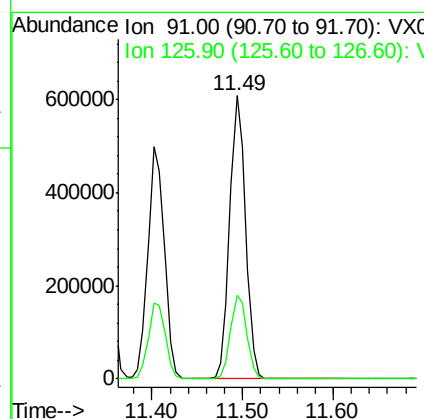
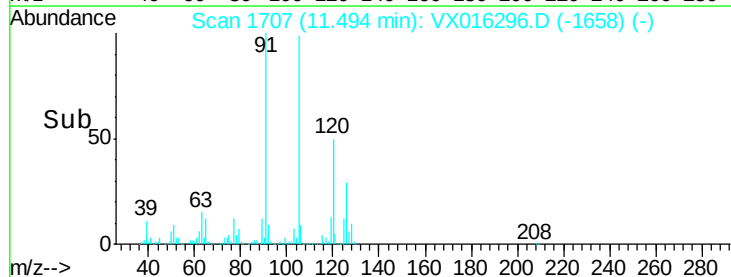
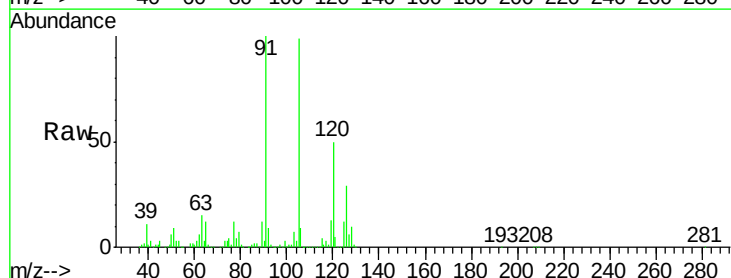
Manual Integrations
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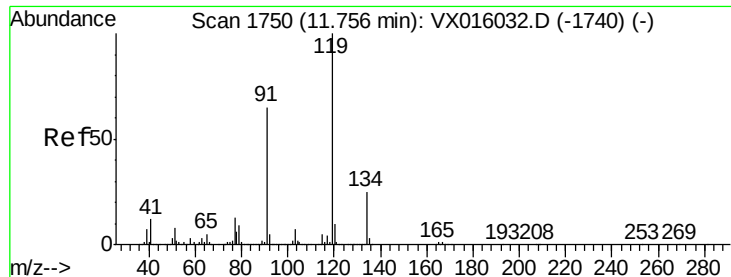
MMDadoda
5/19/2020 1:38:41 PM



#82
4-Chlorotoluene
Concen: 56.902 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.8	44.3





#83

tert-Butylbenzene

Concen: 54.305 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

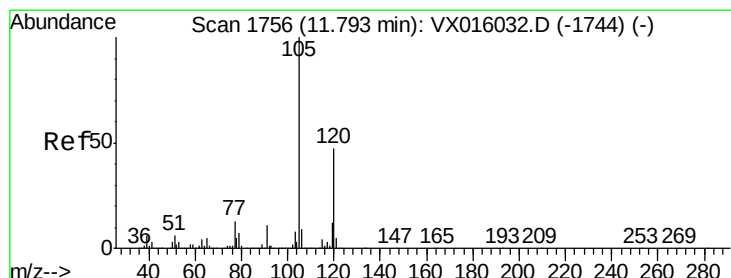
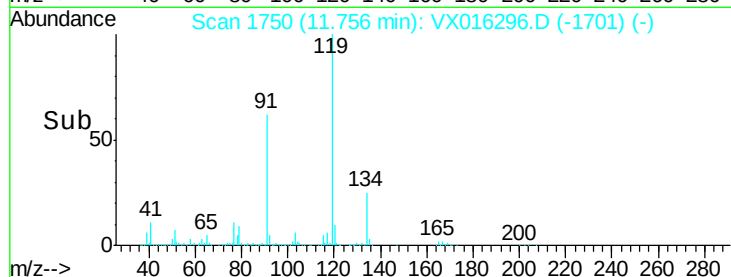
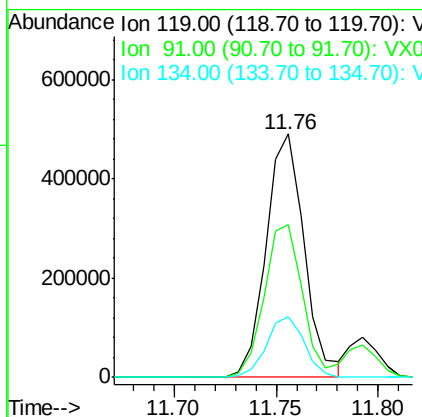
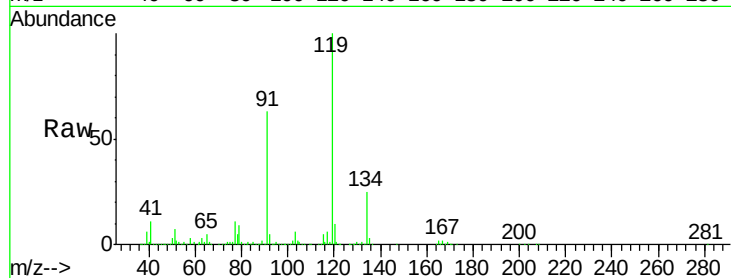
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	638005
Ion Ratio	Lower	Upper	
119	100		
91	62.4	32.8	98.4
134	24.5	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 55.721 ug/l

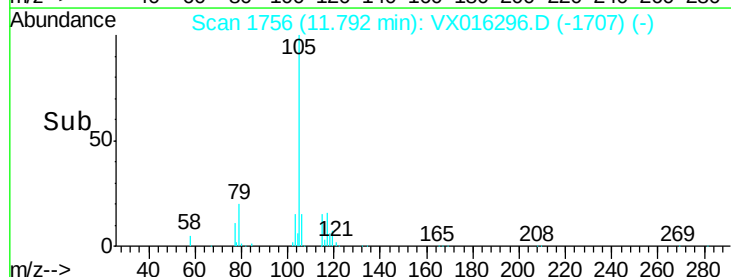
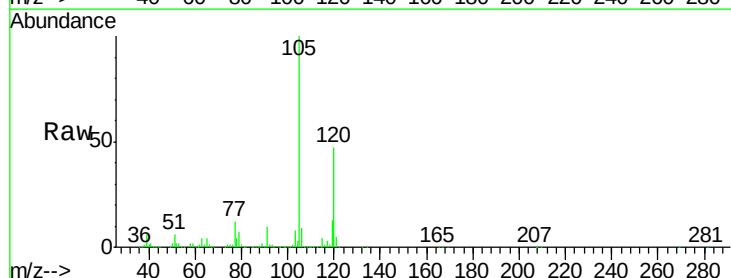
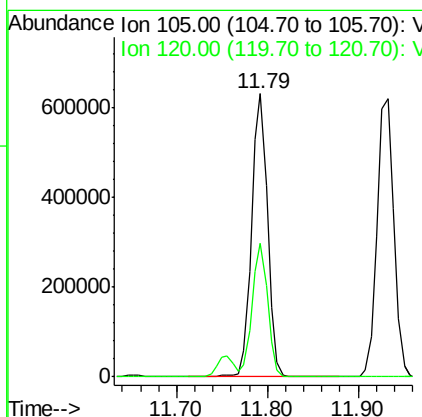
RT: 11.79 min Scan# 1756

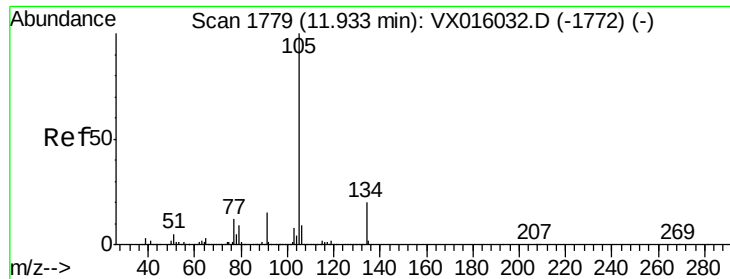
Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	105	Resp:	767972
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 50.066 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 794176

Ion Ratio Lower Upper

105 100

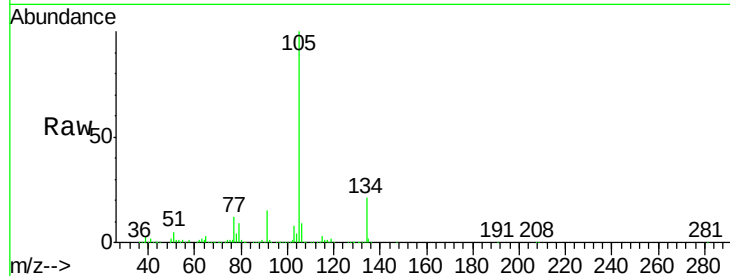
134 20.3 10.1 30.3

Manual Integrations

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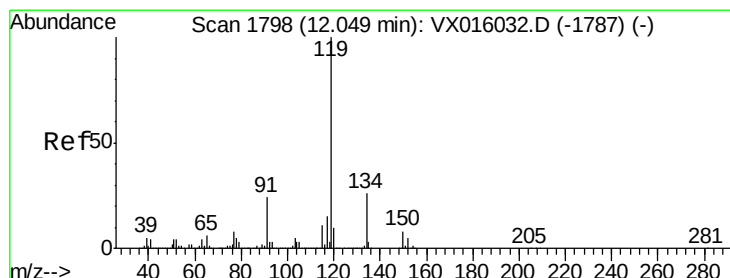
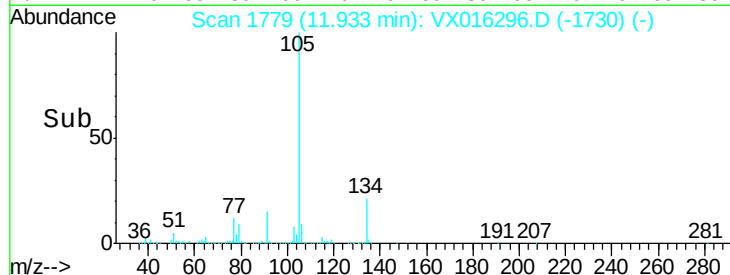
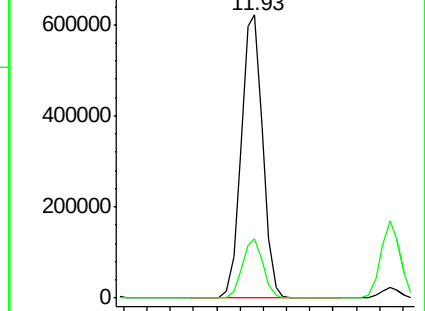
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.189 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

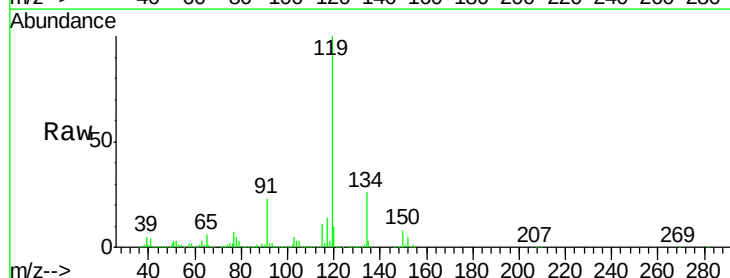
Tgt Ion:119 Resp: 753902

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

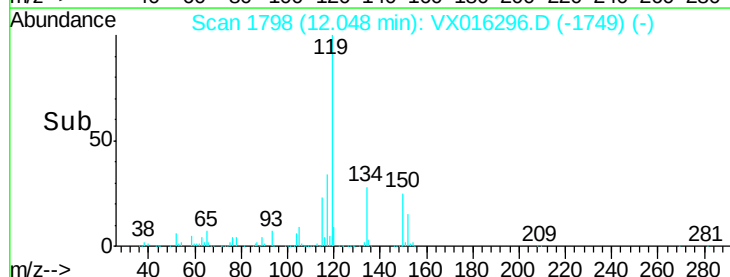
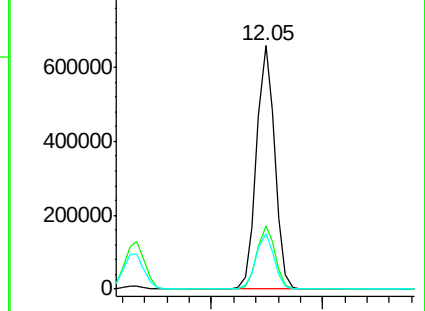
91 22.7 11.8 35.4

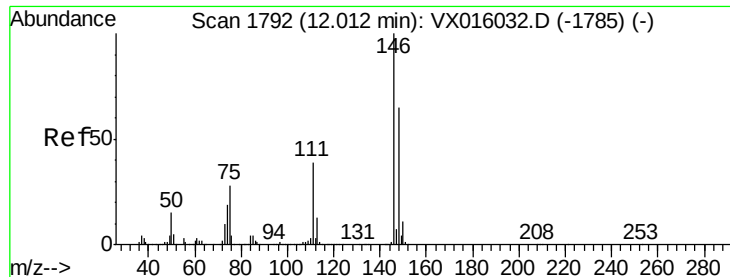


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 56.171 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

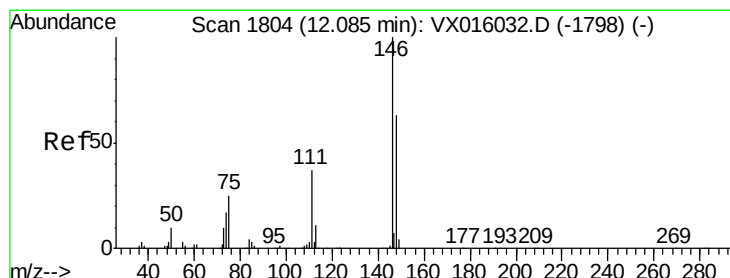
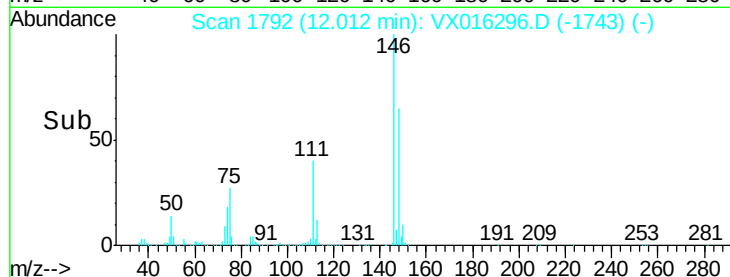
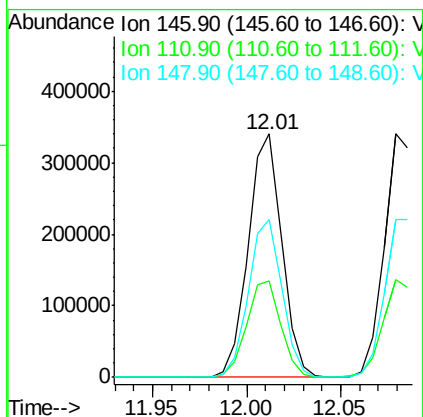
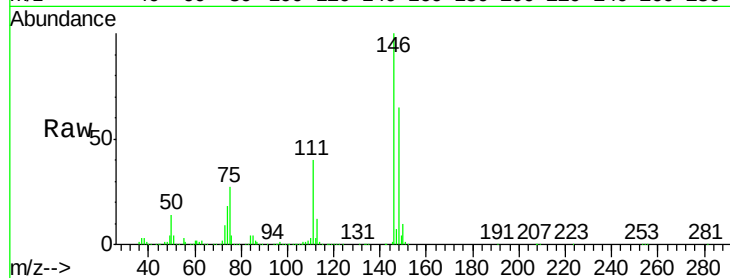
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	420329
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.2	60.6
148	64.9	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 55.570 ug/l

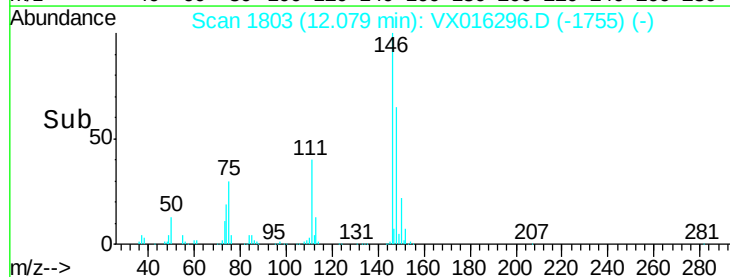
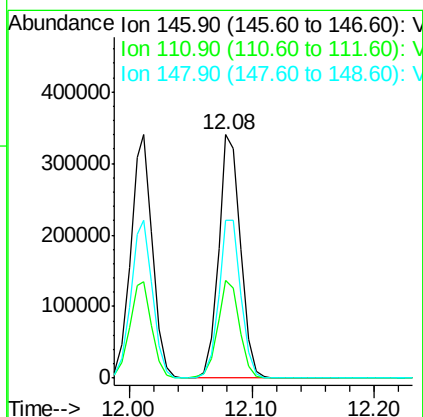
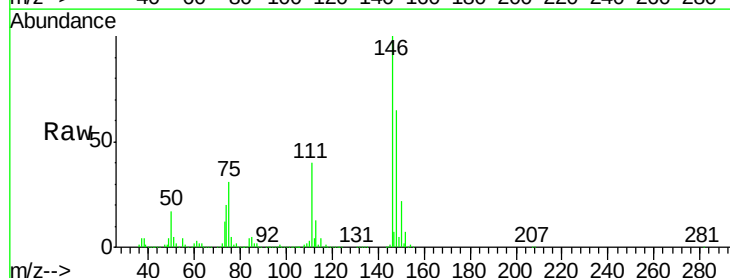
RT: 12.08 min Scan# 1803

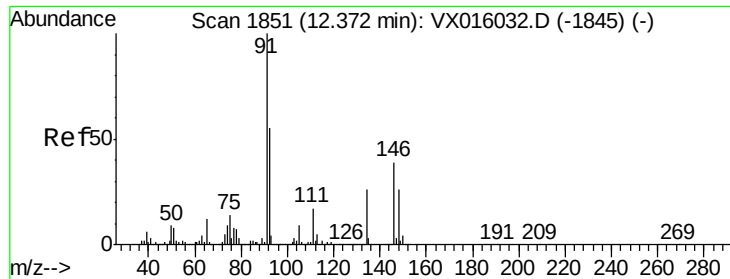
Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	146	Resp:	422061
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.6	58.7
148	65.6	31.8	95.3





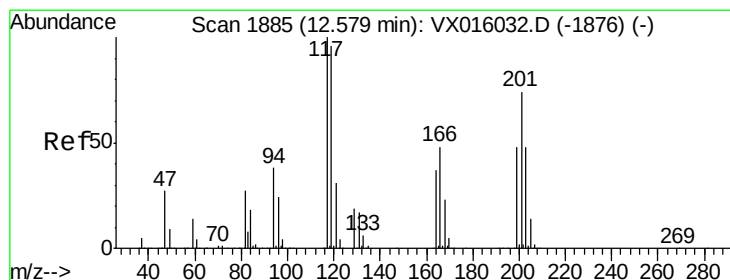
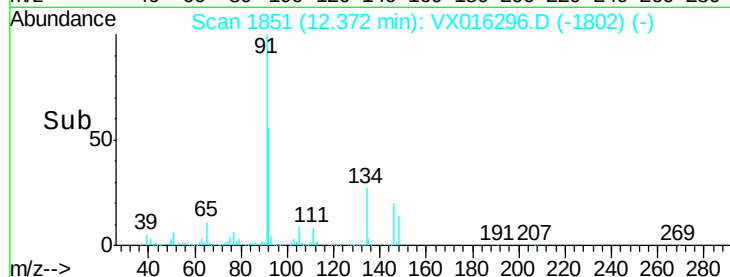
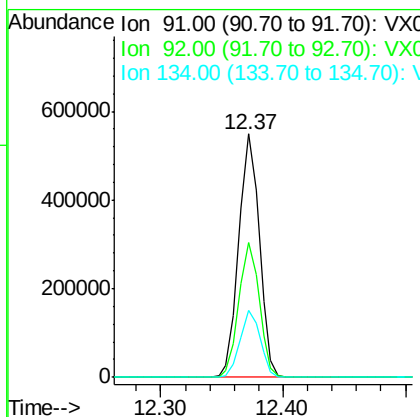
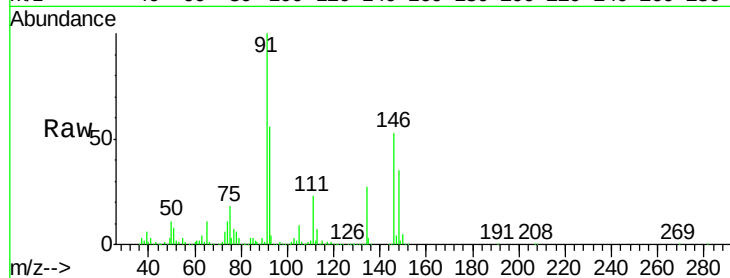
#89
n-Butylbenzene
Concen: 47.187 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	27.1	13.4	40.1

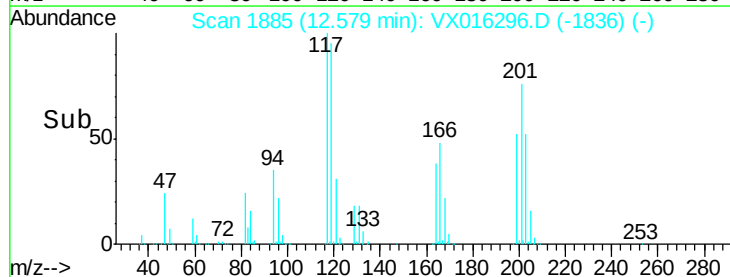
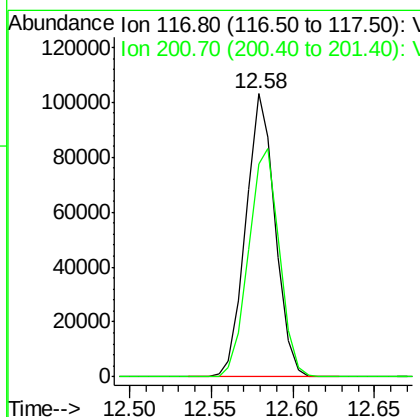
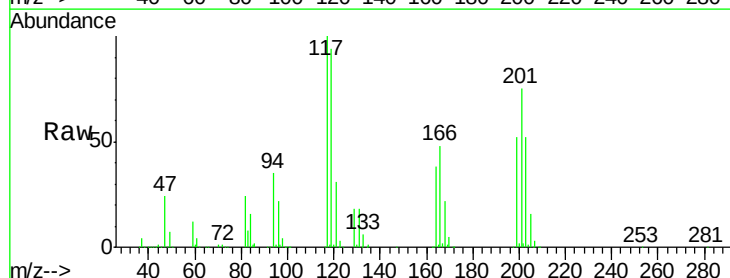
Manual Integrations
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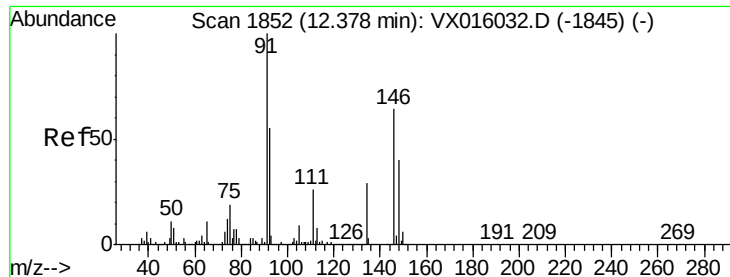
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#90
Hexachloroethane
Concen: 51.034 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.9	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 57.117 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

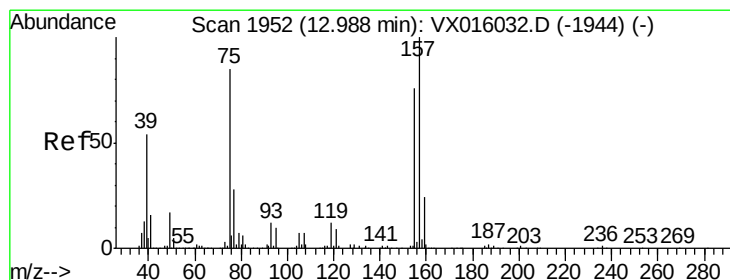
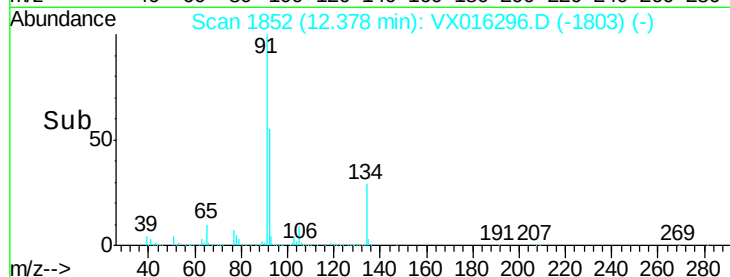
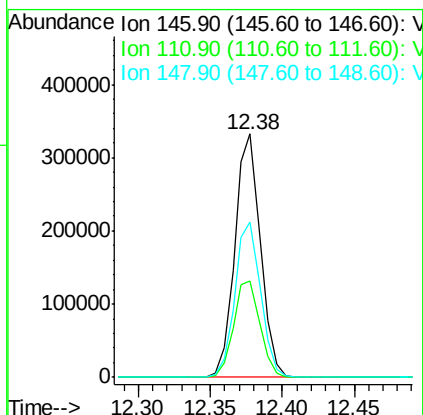
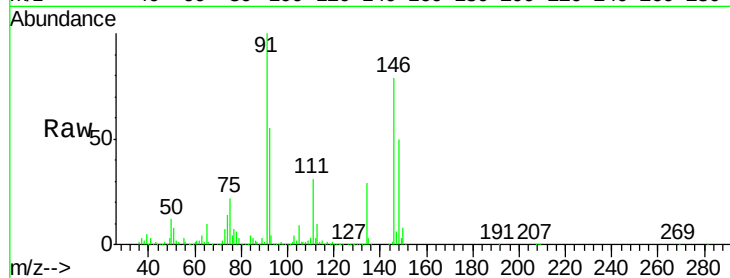
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	411551
Ion Ratio	Lower	Upper	
146	100		
111	41.0	21.1	63.1
148	64.4	32.4	97.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.766 ug/l

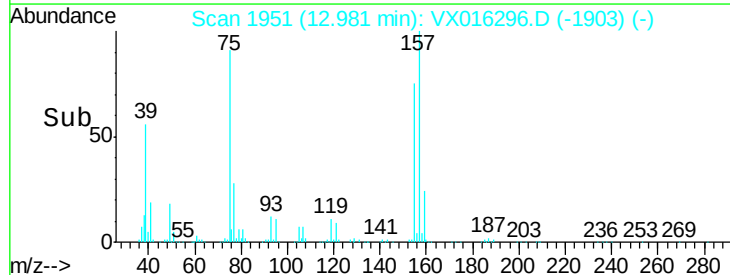
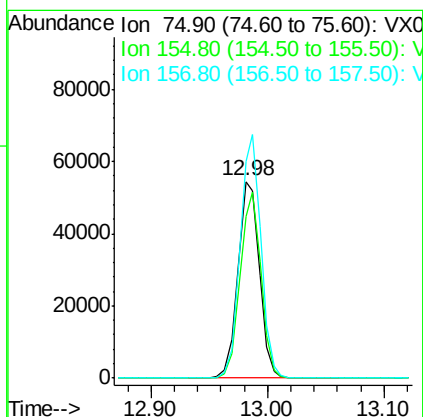
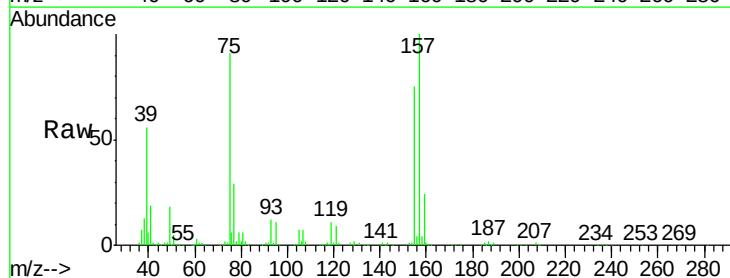
RT: 12.98 min Scan# 1951

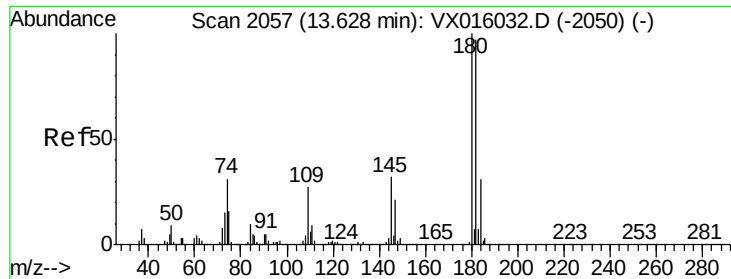
Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	75	Resp:	70055
Ion Ratio	Lower	Upper	
75	100		
155	91.6	42.5	127.5
157	119.3	55.3	165.8





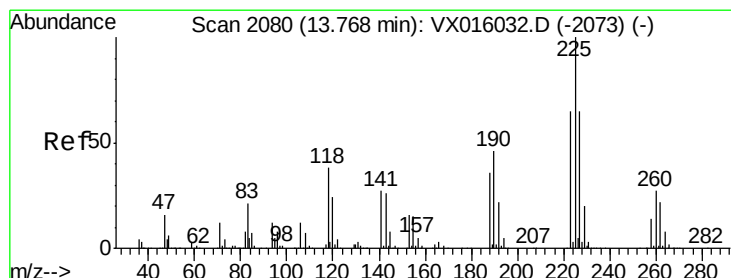
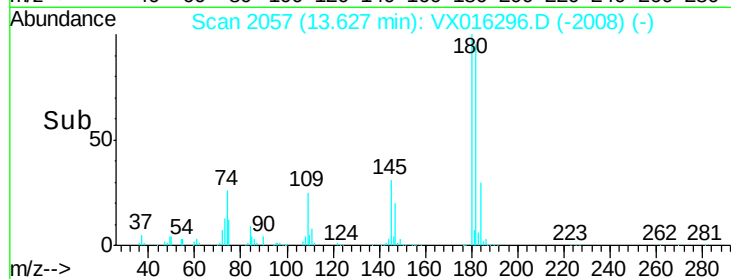
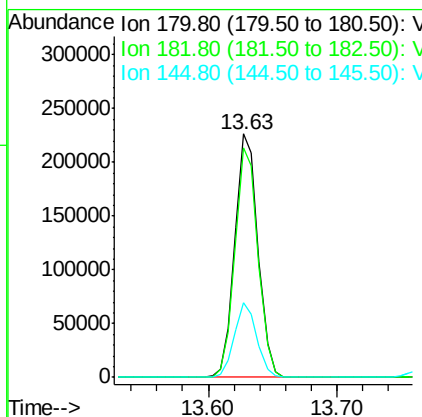
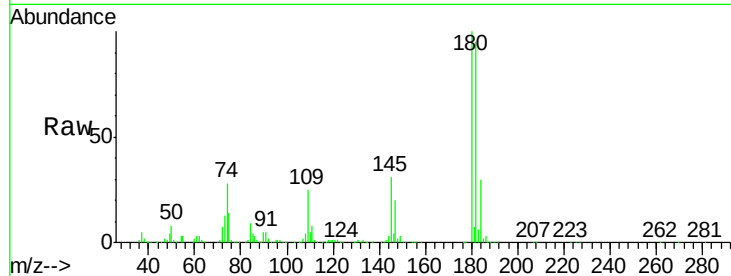
#93
 1,2,4-Trichlorobenzene
 Concen: 53.262 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	284134		
182	94.0	48.7	146.1	
145	29.7	15.7	47.1	

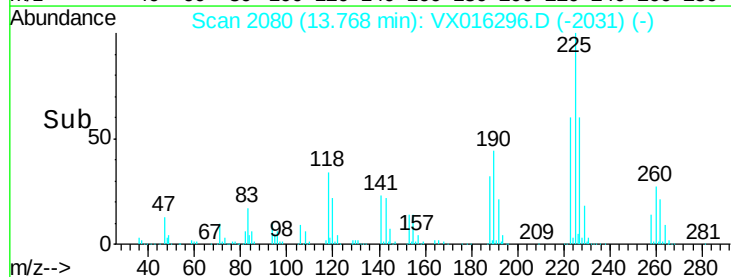
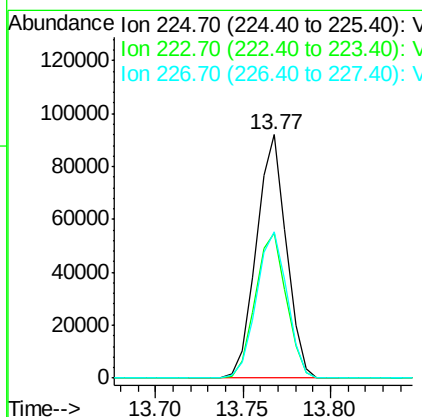
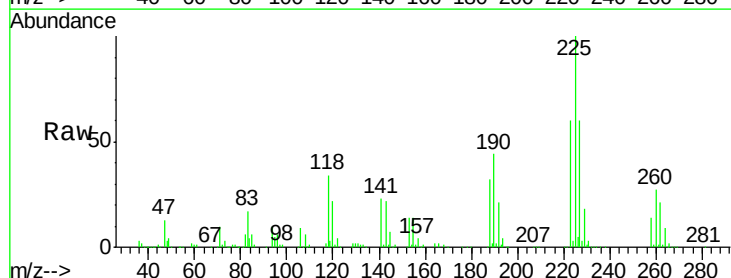
Manual Integrations
 APPROVED

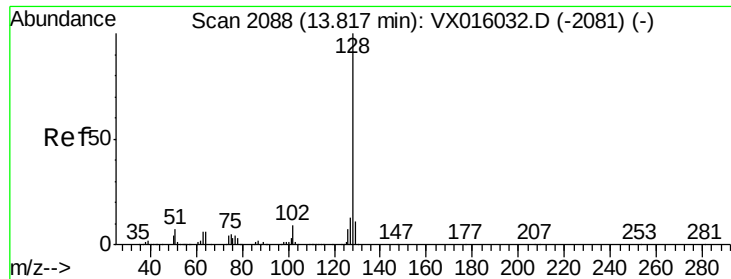
MMDadoda
 5/19/2020 1:38:41 PM



#94
 Hexachlorobutadiene
 Concen: 47.680 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109468		
223	61.7	32.3	96.9	
227	61.5	31.8	95.4	





#95

Naphthalene

Concen: 55.855 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

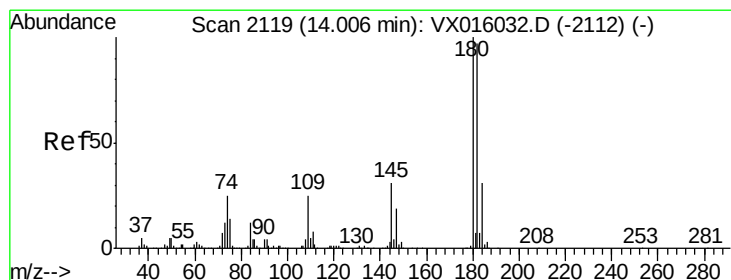
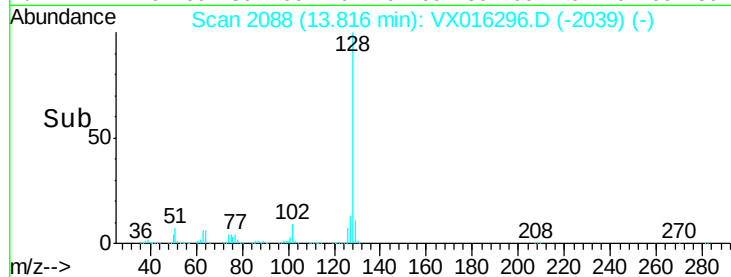
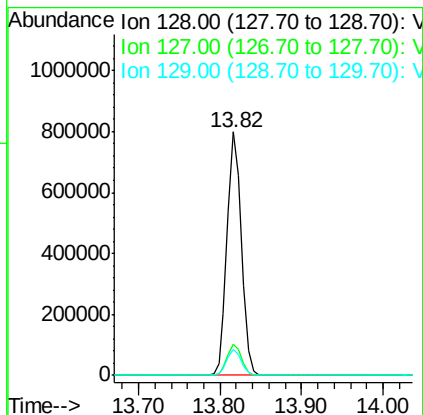
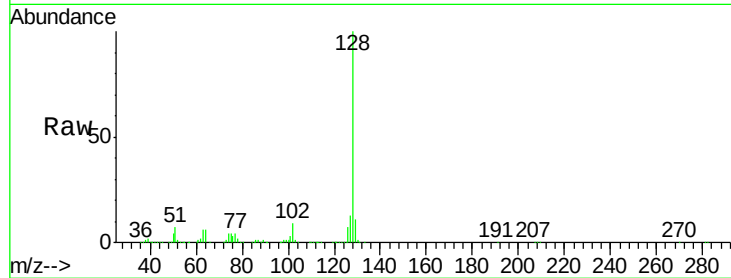
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	964817
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/19/2020 1:38:41 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.298 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	180	Resp:	272662
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.4	145.0
145	31.6	16.4	49.1

